


# PONTE SULLO STRETTO DI MESSINA



## PROGETTO DEFINITIVO

### EUROLINK S.C.p.A.

IMPREGILO S.p.A. (MANDATARIA)  
SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)  
COOPERATIVA MURATORI E CEMENTISTI - C.M.C. DI RAVENNA SOC. COOP. A.R.L. (MANDANTE)  
SACYR S.A.U. (MANDANTE)  
ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD (MANDANTE)  
A.C.I. S.C.P.A. - CONSORZIO STABILE (MANDANTE)

<p>IL PROGETTISTA Dott. Ing. Giovanni Chiovetta Ordine Ingegneri Enna n°284 Dott. Ing. E. Pagani Ordine Ingegneri Milano n°15408</p> 	<p>IL CONTRAENTE GENERALE  Project Manager (Ing. P.P. Marcheselli)</p>	<p>STRETTO DI MESSINA Direttore Generale e RUP Validazione (Ing. G. Fiammenghi)</p>	<p>STRETTO DI MESSINA Amministratore Delegato (Dott. P. Ciucci)</p>
--	--	---	---

<p><i>Unità Funzionale</i> <i>Tipo di sistema</i> <i>Raggruppamento di opere/attività</i> <i>Opera - tratto d'opera - parte d'opera</i> <i>Titolo del documento</i></p>	<p>COLLEGAMENTI VERSANTE SICILIA RILIEVI ACCERTAMENTI E INDAGINI IN CAMPO - INDAGINI AMBIENTALI ELEMENTI DI CARATTERE GENERALE STUDIO SUL RUMORE MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p> <div data-bbox="1181 1523 1468 1624" style="border: 1px solid black; padding: 5px; display: inline-block;">AS0105_F0</div>
---	---

CODICE	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>C</td><td>G</td><td>3</td><td>2</td><td>0</td><td>0</td><td>A</td><td>S</td><td>D</td><td>D</td><td>S</td><td>I</td><td>7</td><td>0</td><td>0</td><td>R</td><td>M</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>7</td><td>F0</td> </tr> </table>	C	G	3	2	0	0	A	S	D	D	S	I	7	0	0	R	M	0	0	0	0	0	0	1	7	F0
C	G	3	2	0	0	A	S	D	D	S	I	7	0	0	R	M	0	0	0	0	0	0	1	7	F0		

REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	CAMPIONE	RUSSO	CHIOVETTA

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## INDICE

INDICE .....	i
Monitoraggio emissioni di rumore per la mappatura di clima acustico vol.1/2.....	3
1 Oggetto delle attività .....	3
2 Infrastrutture stradali .....	3
2.1 Misure di rumore.....	3
2.2 Misure dati meteorologici .....	4
2.3 Misure di traffico .....	4
3 Infrastrutture ferroviarie.....	5
3.1 Misure di rumore.....	5
3.2 Misure di Velocità, tipologia e composizione dei convogli .....	6
3.3 Misure dati meteorologici .....	6
4 Localizzazione punti di misura .....	7
5 Riferimenti normativi .....	9
ALLEGATI.....	11
Schede di monitoraggio .....	13

		<p align="center"><b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO</p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i> AS0105_F0.docx</p>		<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## Monitoraggio emissioni di rumore per la mappatura di clima acustico vol.1/2

### 1 Oggetto delle attività

Le misure di rumore sono propedeutiche alla predisposizione della mappatura di clima acustico ante operam da effettuarsi in sede di progettazione definitiva.

L'attività ha interessato le principali infrastrutture ferroviarie e stradali ad oggi presenti all'interno dell'area di mappatura acustica preliminarmente identificati.

Inoltre sono stati monitorati le emissioni di rumore correlate alla mappatura di clima acustico delle aree di cava, di deposito e di cantiere.

### 2 Infrastrutture stradali

#### 2.1 Misure di rumore

La caratterizzazione acustica delle infrastrutture stradali principali (strade con caratteristiche geometriche e di traffico autostradale) è stata svolta per mezzo di misure settimanali Metodica R3 in accordo al Decreto Ministero Ambiente 16 Marzo 1998 (Tecniche di rilevamento e di misurazione dell'inquinamento acustico).

Per le infrastrutture stradali secondarie la misurazione di tipo R2s sono state svolte in continuo per una durata minima di 24 ore, in giorno feriale non influenzato da situazioni di traffico anomale.

In entrambi i casi la postazione microfonica è stata localizzata in posizione significativa delle velocità tipiche di percorrenza dell'infrastruttura e in assenza di fattori ambientali (riflessioni, ostacoli, altre sorgenti di rumore, ..) o stradali (giunti, pavimentazione, zone di accelerazione/decelerazione, semafori, ...) che avrebbero potuto influire sulla estendibilità spaziale della misura.

Le misure sono state eseguite in campo libero a 25 m dal ciglio stradale e a 4 m di altezza dal p.c. locale, con tracciato stradale a raso o rilevato basso, in condizioni meteorologiche conformi, annotando nella scheda di misura se il punto di misura è stato localizzato in corrispondenza di un ricettore (a 1 m di distanza dalla facciata e a + 4 m di altezza dal p.c. locale).

In caso di misura in prossimità di ricettori, nel rapporto di misura, è stata precisata la distanza dal ciglio stradale, ponendo particolare attenzione ai possibili effetti di disturbo sulla misura.

La strumentazione di misura è stata sempre assistita da personale idoneamente formato con

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

compito di annotare l'identificazione di eventi anomali (sorvoli, eventi locali non riferibili al traffico veicolare, ecc.) e periodi di non conformità meteorologica.

## 2.2 Misure dati meteorologici

In parallelo alle misure di rumore è stato eseguito il rilievo in continuo dei principali dati meteorologici (T, UR, VV, DV). La centralina meteorologica è stata installata in prossimità del punto di misura in posizione tale da non determinare interferenze con il campo sonoro.

Particolare attenzione è stata posta all'acquisizione, analisi e documentazione nel rapporto di misura, della velocità e direzione del vento.

## 2.3 Misure di traffico

La metodica di rilievo settimanale R3, in assenza di dati di traffico contestuali resi direttamente dal gestore dell'infrastruttura stradale, deve essere affiancata da rilievi di traffico.

I flussi di traffico sono stati rilevati su una sezione stradale localizzata in prossimità del punto di misura del rumore e rappresentativa delle velocità di percorrenza dei veicoli nella sezione di misura, lontano da svincoli, curve, ecc.

I conteggi del traffico sono stati eseguiti distinguendo i transiti sulla singola corsia di marcia.

I rilievi hanno coperto tutto il periodo di misura del rumore, la cui durata minima è di 7 giorni per le R3 e 24 ore per le R2.

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

### 3 Infrastrutture ferroviarie

#### 3.1 Misure di rumore

Le linee ferroviarie sono state caratterizzate in termini di rilievo di singoli transiti. I punti di misura sono stati individuati in tratti in cui la linea ferroviaria è in rilevato basso/raso, in assenza di schermature (barriere antirumore e altri ostacoli fisici) da entrambi i lati della linea, in presenza di piano campagna orizzontale e di idonea copertura superficiale.

Il microfono è stato posto in prossimità dell'infrastruttura ferroviaria, in condizioni di campo sonoro libero, a 7.5 m di distanza dall'asse binario di corsa e a + 1.2 m di altezza dal piano del ferro. Questo punto viene a trovarsi abbastanza distante dal treno per poter essere considerato nel campo lontano per il campo di frequenze dominanti ma, al tempo stesso, è sufficientemente vicino per essere maggiormente sensibile alle differenze di emissione dei differenti convogli (la traccia acustica è più definita) e minimizza gli effetti di attenuazione del terreno. Questa posizione, in accordo alla EN ISO 3095, è in termini acustici migliore rispetto a P1, a distanza di 25 m dall'asse binario e a +3.5 m di altezza dal piano del ferro.

Il microfono, come prescritto dalle tecniche di misura di "pass-by" (ISO 3095 "Measurement of noise emitted by railbound vehicles") e come indicato dal Decreto 16 marzo 1998 "Tecniche di rilevamento e di misurazione dell'inquinamento acustico" è stato disposto con asse di massima sensibilità direzionato verso la sorgente. Le condizioni di misura sono in accordo con le prescrizioni della norma ISO 3095 "Measurement of noise emitted by railbound vehicles", riprese in parte dal DPR 459/1998 per quanto riguarda la verifica dei limiti massimi di emissione del materiale rotabile.

La tecnica di monitoraggio adottata consiste nella misura in continuo per 24 ore, metodica R2f, in dBA Fast in terze di ottava, con acquisizione degli eventi sonori determinati dal transito di convogli sulla linea ferroviaria. I parametri acustici determinati sono rappresentati dai Leq(6-22) e Leq(22-6) riferiti al solo esercizio ferroviario depurato da eventi anomali e, per il singolo transito, i seguenti indicatori:

- profilo temporale LAF(t) in terze di ottava contenente il mascheramento del profilo esterno a Lmax-10 dBA;
- livello massimo Lmax;
- SEL relativo al profilo temporale con taglio a Lmax-10 dBA.

Nell'analisi dei dati sono stati effettuati :

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

- Identificazione ed eliminazione eventi anomali (sorvoli, eventi locali non riferibili al traffico veicolare, ecc.) in base a soglie preimpostate o all'analisi del decorso temporale della misura;
- Individuazione ed eliminazione dei periodi di non conformità meteorologica;
- Estrazione e documentazione grafica e numerica del periodo diurno e notturno;
- Estrazione singoli transiti e riepilogo tabellare.

L'elaborazione dei singoli dati, in uno alla programmazione dei transiti fornita da RFI, ha permesso di correlare agli indicatori di rumore precedentemente enunciati i parametri fisici dei convogli in transito.

### **3.2 Misure di Velocità, tipologia e composizione dei convogli**

Per ogni transito è stato svolto un rilievo indiretto della velocità di transito. Il rilievo della velocità è stato confrontato con il dato ricavabile indirettamente dalla traccia acustica del passaggio.

### **3.3 Misure dati meteorologici**

In parallelo alle misure di rumore è stato eseguito il rilievo in continuo dei principali dati meteorologici (T, UR, VV, DV). La centralina meteorologica è stata installata in prossimità del punto di misura in posizione tale da non determinare interferenze con il campo sonoro.

Particolare attenzione è stata posta all'acquisizione, analisi e documentazione nel rapporto di misura, della velocità e direzione del vento.

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## 4 Localizzazione punti di misura

La Tabella seguente riassume la localizzazione dei punti di monitoraggio e le metodiche di misura, rispettivamente lato Sicilia e Calabria:

Giorni di misurazioni	Codice punto	Metodica misura	Localizzazione
1	R S 01	R2S	Via Circuito Loc Ganzziri
2	R S 02	R2S	SP43 Via Consolare Pompea
3	R S 03	R2S	SS113dir
4	R S 04	R2S	Via Lago Grande
5	R S 05	R2S	Via Salita Cimitero
6	R S 06	R2S	Via Salita Frantinaro
7	R S 07	R2S	Str. Panor. stretto
8	R S 08	R2S	SS113dir
9	R S 09	R2S	Ospedale Papardo
10	R S 10	R2S	Strada Privata Puleo
11	R S 11	R2S	Via Messina
12	R S 12	R2S	Via Fiumara Guardia
13	R S 13	R2S	Str. Panor. stretto
14	R S 14	R2S	Via Fiumara Loc. Pace
15	R S 15	R2S	SP48b
16	R S 16	R2S	Viale Annunziata
17	R S 17	R2S	Loc. Santis. Annunziata
18	R S 18	R2S	Via Giuffrè
19	R S 19	R2S	SS113 Scuola
20	R S 20	R2S	Viale Giostra
21	R S 21	R2S	Via San Bernardo
22	R S 22	R3	A20
23		"	"
24		"	"
25		"	"
26		"	"
27		"	"
28	R S23	"	"
29	R S23	R2F	Cantiere Staz. ME
30	R S 24	R2S	Salita Sperone Serre
31	R S 25	R2S	Via S. Leonardi
32	R S 26	R2S	Via Comunale Camaro
33	R S 27	R2S	Via Santa Maria
34	R S 28	R2S	Contesse Via Cons. Valeria- Via del Carmine
35	RS 30	R3	A20 Messina - Palermo
36		"	A20 Messina - Palermo



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

37		"	A20 Messina - Palermo
38		"	A20 Messina - Palermo
39		"	A20 Messina - Palermo
40		"	A20 Messina - Palermo
41		"	A20 Messina - Palermo
42	RStriv1	R2S	TRIVELLA lungomare Via Circuito
43	RStriv2	R2S	TRIVELLA lungomare Via Circuito
44	RStriv3	R2S	TRIVELLA lungomare Via Circuito
45	RStriv4	R2S	TRIVELLA lungomare Via Circuito
46	RStriv5	R2S	TRIVELLA lungomare Via Circuito
47	RS 31	R2S	SS 113 Via Nazionale VENETICO
48	R S 32	R2S	Via del Policlinico
49	RS 33	R2S	Condominio Gemini
50	R S 34	R2S	Via Santa Lucia
51	RS 35	R2S	S.S.114
52	RS PAN1	R2S	PANORAMICA DELLO STRETTO 38°15'48,81- 15°36'18,25
53			" "
54	RS PAN2	R2S	PANORAMICA DELLO STRETTO 38°15'08,08- 15°35'33,19
55			" "
56	RS PAN3	R2S	PANORAMICA DELLO STRETTO 38°14'47- 15°34'52
57			" "
58	RS PAN4	R2S	PANORAMICA DELLO STRETTO 38°13'54- 15°34'06
59			" "
60	RS CANT1	R2S	Incrocio Vie Bosurgi – Campo Italia
61			" "
62	RS CANT2	R2S	Campo Italia Condominio Athena
63			" "
64	RS Venetico	R2F	Linea ferroviaria Zona Venetico

Tabella 4.1 Localizzazione punti di misura

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## 5 Riferimenti normativi

EN 60651-1994 Class 1 Sound Level Meters (CEI 29-1)

EN 60804-1994 Class 1 Integrating-averaging sound level meters (CEI 29-10)

EN 61094/1-1994 Measurements microphones - Part 1: Specifications for laboratory standard microphones

EN 61094/2-1993 Measurements microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique

EN 61094/3-1994 Measurements microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique

EN 61094/4-1995 Measurements microphones - Part 4: Specifications for working standard microphones

EN 61260-1995 Octave-band and fractional-octave-band filters (CEI 29-4)

IEC 942-1988 Electroacoustics - Sound calibrators (CEI 29-14)

ISO 226-1987 Acoustics - Normal equal - loudness level contours

UNI 9884-1991 Caratterizzazione acustica del territorio mediante la descrizione del rumore ambientale

DPCM 1/3/1991 Limiti massimi di esposizione al rumore negli ambienti abitativi e nell'ambiente esterno

Legge 447-1996 Legge quadro sull'inquinamento acustico DPCM 14/11/1997 Determinazione dei valori limite delle sorgenti sonore

DM 16/03/1998 Tecniche di rilevamento e di misurazione dell'inquinamento acustico

DPR n. 459 - 18/11/98 Regolamento recante norme di esecuzione dell'Art.11 della legge 26 ottobre 1995, n. 447, in materia di inquinamento acustico derivante da traffico ferroviario.



		<p align="center"><b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO</p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i> AS0105_F0.docx</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

## ALLEGATI



		<p align="center"><b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO</p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i> AS0105_F0.docx</p>		<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>

## Schede di monitoraggio



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_1_S</b>	Indirizzo <b>VIA CIRCUITO LOC. GARZIRRI</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla carreggiata stradale di Via Circuito ad una distanza di mt 3 dal prospetto sud dell'edificio esistente</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
<b>Descrizione</b>		
<b>Strumentazione adottata</b>		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_1_S</b>	Indirizzo <b>VIA CIRCUITO LOC. GARZIRRI</b>
-------	---------------------------	--

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>27/06/10</b>	<b>62.4</b>	<b>0</b>	<b>0</b>		<b>62.4</b>	<b>60</b>
Notte	22-6h	<b>27/06/10</b>	<b>61.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61.5</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_1_S</b>
Data inizio	<b>27/06/2010</b>
Ora inizio	<b>0.34.06</b>
Note	

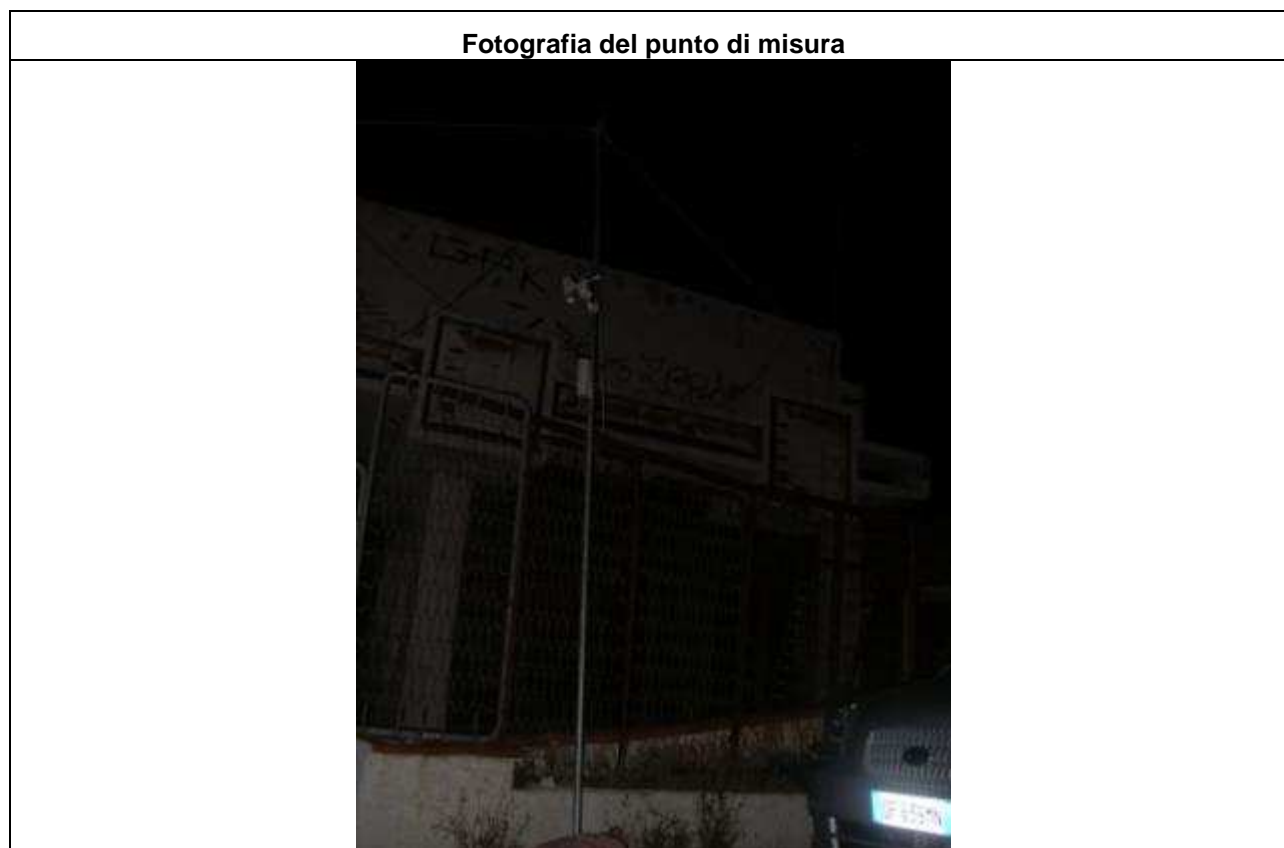
<b>Parametri</b>		<b>24 ore</b>	<b>Giorno (T<sub>R</sub> = 6/22)</b>	<b>Notte (T<sub>R</sub> = 22/6)</b>
L <sub>AeqTR</sub>	[dBA]	<b>62.2</b>	<b>62.4</b>	<b>61.5</b>
L1	[dBA]	<b>71.0</b>	<b>71.0</b>	<b>72.0</b>
L5	[dBA]	<b>66.5</b>	<b>66.5</b>	<b>66.0</b>
L10	[dBA]	<b>64.0</b>	<b>64.3</b>	<b>63.5</b>
L50	[dBA]	<b>54.3</b>	<b>55.5</b>	<b>51.3</b>
L90	[dBA]	<b>41.0</b>	<b>43.7</b>	<b>36.7</b>
L95	[dBA]	<b>38.0</b>	<b>41.0</b>	<b>34.5</b>
L99	[dBA]	<b>33.0</b>	<b>37.0</b>	<b>32.0</b>
L <sub>I</sub> max	[dBA]	<b>99.8</b>	<b>99.8</b>	<b>93.4</b>
L <sub>F</sub> max	[dBA]	<b>94.8</b>	<b>94.8</b>	<b>92.8</b>
L <sub>S</sub> max	[dBA]	<b>90.2</b>	<b>90.2</b>	<b>90.1</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>62.2</b>	<b>62.4</b>	<b>61.5</b>

Note:
-------

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

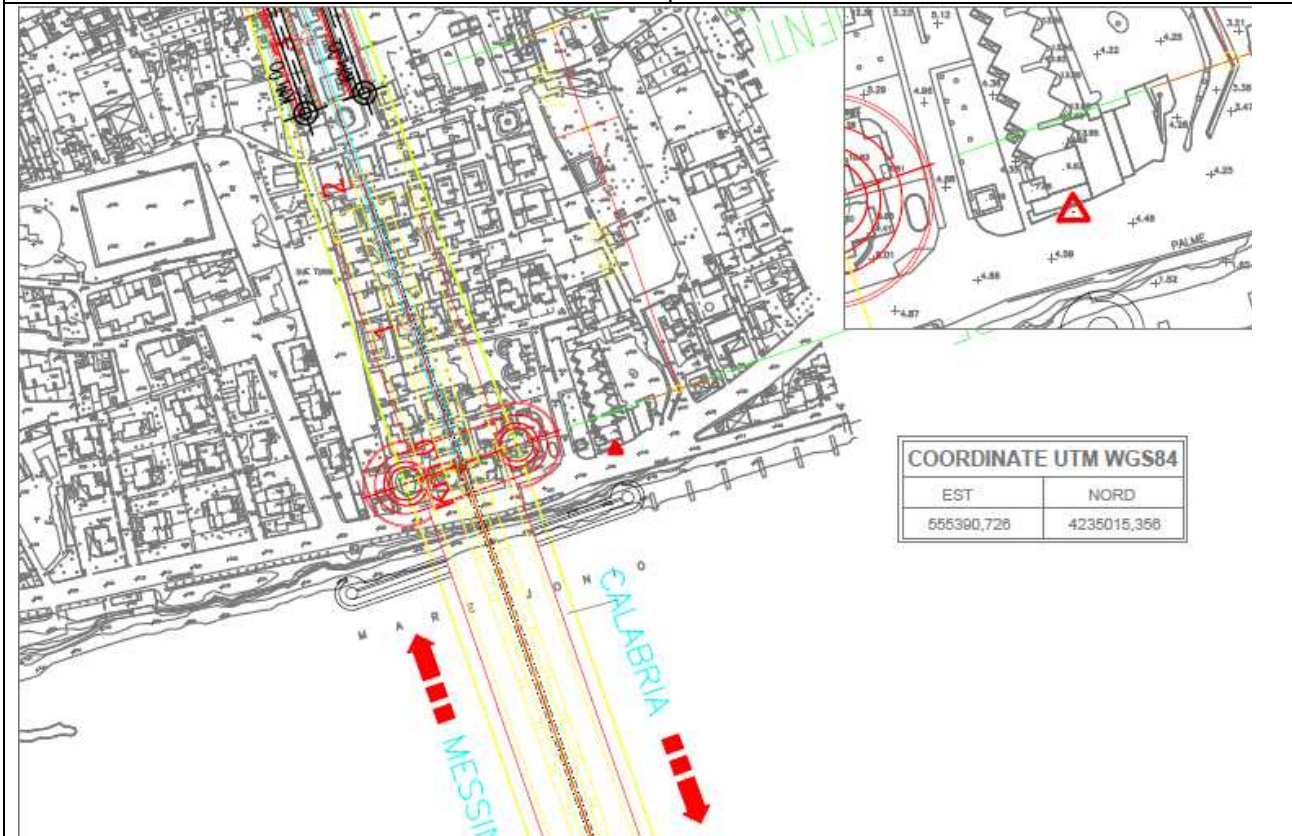
Punto	Ricettore <b>R_1_S</b>	Indirizzo <b>VIA CIRCUITO LOC. GARZIRRI</b>
-------	---------------------------	--

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>25</b>	<b>89</b>	<b>123</b>	<b>103</b>	<b>85</b>	<b>72</b>	<b>23</b>	<b>47.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.25</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>2</b>	<b>14</b>	<b>30</b>	<b>5</b>	<b>12.75</b>	<b>11</b>	<b>5</b>	<b>8</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>27</b>	<b>30.1</b>	<b>27.8</b>	<b>23.3</b>	<b>27.05</b>	<b>22.6</b>	<b>20.3</b>	<b>21.45</b>
Umidità relativa	<b>62</b>	<b>49</b>	<b>59</b>	<b>73</b>	<b>60.75</b>	<b>78</b>	<b>82</b>	<b>80</b>
Velocità vento	<b>0.7</b>	<b>1.8</b>	<b>0.7</b>	<b>1</b>	<b>1.05</b>	<b>0.3</b>	<b>0.9</b>	<b>0.6</b>
Direzione vento	<b>E S E</b>	<b>S W</b>	<b>E N E</b>	<b>N E</b>		<b>S E</b>	<b>N N W</b>	



Punto	Ricettore	Indirizzo
	<b>R_1_S</b>	<b>VIA CIRCUITO LOC. GARZIRRI</b>

Localizzazione planimetrica



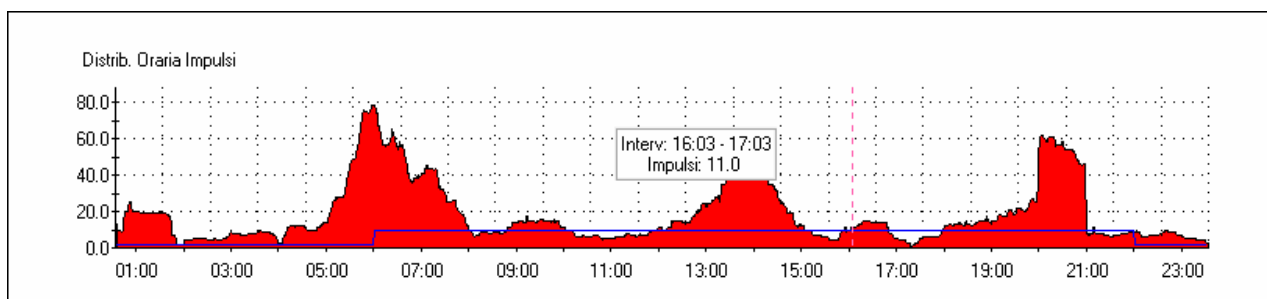
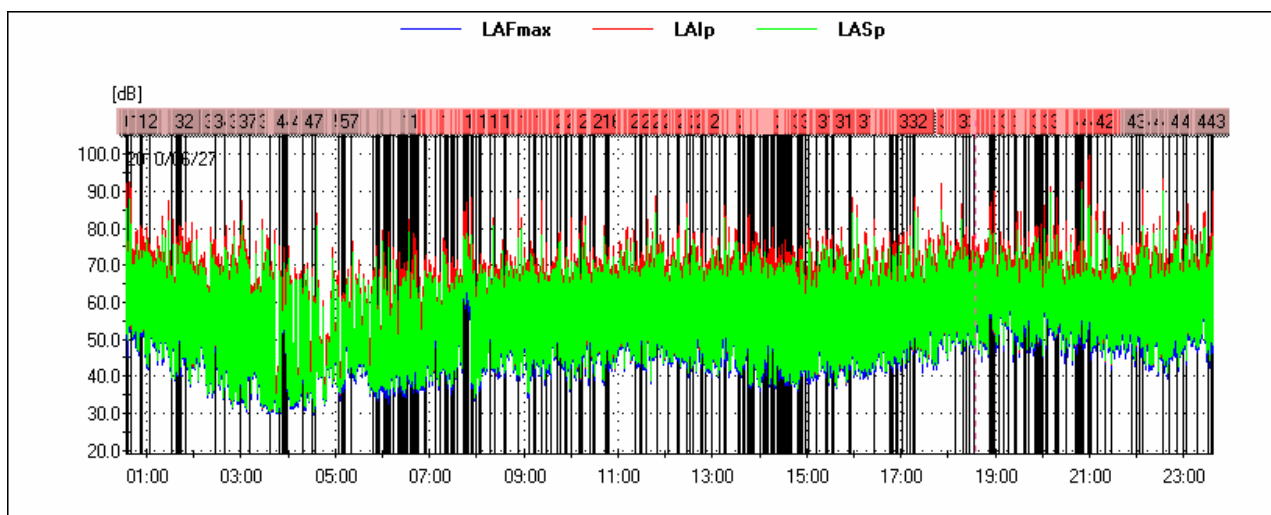
DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:  
ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);  
differenza tra LAImax e LASmax superiore a 6 dB;  
durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAlmax - LASmax [dB]
1	2010/06/27 00:34:35	0.625	66.5	8.6
2	2010/06/27 00:34:38	0.625	74.6	10.6
3	2010/06/27 00:34:48	1.000	91.1	7.6
4	2010/06/27 00:37:04	0.625	66.1	8.8
5	2010/06/27 00:39:39	0.750	79.1	10.5
6	2010/06/27 00:39:54	0.625	88.8	9.8
7	2010/06/27 00:52:11	0.750	66.7	6.9
8	2010/06/27 00:52:33	0.875	79.5	7.0
9	2010/06/27 00:53:05	1.000	68.8	8.2
10	2010/06/27 00:53:18	0.750	71.8	9.5
11	2010/06/27 00:53:25	0.625	72.7	10.2
12	2010/06/27 01:03:26	0.625	68.6	11.0
13	2010/06/27 01:30:58	0.875	67.5	8.2
14	2010/06/27 01:37:12	0.750	62.0	9.4
15	2010/06/27 01:39:41	0.750	71.2	8.3
16	2010/06/27 01:41:53	0.875	76.0	8.5
17	2010/06/27 01:42:00	0.750	64.9	9.5
18	2010/06/27 01:42:15	0.875	78.7	7.6
19	2010/06/27 01:42:48	1.000	68.6	8.4
20	2010/06/27 01:42:49	0.875	65.2	6.7
21	2010/06/27 01:43:04	0.750	65.7	8.8
22	2010/06/27 01:43:14	0.625	60.5	10.4
23	2010/06/27 01:43:14	0.750	72.9	9.4
24	2010/06/27 01:43:17	1.000	52.9	12.7
25	2010/06/27 01:43:19	1.000	68.4	9.5
26	2010/06/27 01:43:22	0.750	65.4	9.2
27	2010/06/27 01:43:27	1.000	52.8	11.3
28	2010/06/27 01:48:39	0.875	79.3	9.2
29	2010/06/27 01:48:55	1.000	65.8	9.9

30	2010/06/27 01:48:57	0.750	75.6	8.0
31	2010/06/27 01:49:01	0.750	67.9	9.8
32	2010/06/27 01:49:40	0.750	71.3	8.1
33	2010/06/27 02:28:18	0.750	75.6	7.2
34	2010/06/27 02:40:16	0.750	67.1	9.3
35	2010/06/27 02:59:41	1.000	62.9	8.9
36	2010/06/27 02:59:43	1.000	66.5	6.8
37	2010/06/27 03:10:41	1.000	61.4	9.5
38	2010/06/27 03:37:32	0.875	46.1	8.3
39	2010/06/27 03:48:45	0.875	44.8	7.0
40	2010/06/27 03:52:06	0.750	63.8	9.4
41	2010/06/27 03:55:29	0.625	71.4	11.0
42	2010/06/27 03:56:45	0.625	65.7	10.0
43	2010/06/27 03:57:12	0.750	58.7	9.9
44	2010/06/27 03:58:07	0.750	63.3	10.6
45	2010/06/27 04:19:05	0.875	57.8	9.4
46	2010/06/27 04:31:25	0.875	47.1	8.7
47	2010/06/27 04:34:36	0.750	53.3	10.0
48	2010/06/27 05:03:43	0.875	50.7	9.7
49	2010/06/27 05:04:12	0.625	55.2	12.2
50	2010/06/27 05:04:22	0.625	56.8	12.1
51	2010/06/27 05:04:52	0.625	64.9	10.9
52	2010/06/27 05:07:54	0.875	48.4	8.7
53	2010/06/27 05:08:20	0.750	51.3	9.7
54	2010/06/27 05:08:48	0.750	48.9	9.8
55	2010/06/27 05:09:37	0.750	56.1	11.1
56	2010/06/27 05:12:01	0.625	56.9	10.2
57	2010/06/27 05:20:14	1.000	66.7	9.6
58	2010/06/27 05:47:36	0.625	62.4	12.7
59	2010/06/27 05:51:06	0.625	60.2	10.7
60	2010/06/27 05:53:48	0.750	47.8	7.6
61	2010/06/27 05:55:20	0.625	54.4	11.4
62	2010/06/27 06:01:57	0.625	69.7	10.0

63	2010/06/27 06:02:06	0.750	59.6	9.5
64	2010/06/27 06:02:39	0.750	58.7	10.4
65	2010/06/27 06:02:57	0.625	54.7	9.7
66	2010/06/27 06:04:03	1.000	57.5	10.4
67	2010/06/27 06:04:08	0.625	61.1	10.0
68	2010/06/27 06:04:15	0.625	62.1	11.6
69	2010/06/27 06:04:26	0.750	48.8	8.6
70	2010/06/27 06:04:36	0.875	53.0	10.0
71	2010/06/27 06:04:39	0.750	52.6	11.1
72	2010/06/27 06:04:46	0.625	53.8	8.3
73	2010/06/27 06:06:03	0.750	59.6	9.4
74	2010/06/27 06:06:35	0.750	54.1	9.9
75	2010/06/27 06:07:01	0.625	53.4	10.5
76	2010/06/27 06:07:36	0.625	51.9	11.4
77	2010/06/27 06:07:53	0.625	55.4	11.1
78	2010/06/27 06:08:04	0.625	58.7	11.1
79	2010/06/27 06:08:06	0.625	56.4	11.0
80	2010/06/27 06:08:27	0.750	58.6	11.5
81	2010/06/27 06:09:46	0.750	61.0	9.4
82	2010/06/27 06:10:27	0.625	60.8	12.2
83	2010/06/27 06:10:35	0.750	56.6	11.1
84	2010/06/27 06:13:31	1.000	52.8	7.2
85	2010/06/27 06:20:16	0.625	56.1	11.8
86	2010/06/27 06:20:47	0.875	56.8	8.6
87	2010/06/27 06:21:52	1.000	53.3	11.1
88	2010/06/27 06:22:34	0.625	69.6	11.8
89	2010/06/27 06:22:36	0.625	70.6	7.5
90	2010/06/27 06:23:33	0.750	52.5	9.0
91	2010/06/27 06:23:52	0.750	62.4	9.1
92	2010/06/27 06:23:57	1.000	49.9	10.3
93	2010/06/27 06:24:15	0.875	60.9	8.0
94	2010/06/27 06:24:42	0.625	66.7	8.8
95	2010/06/27 06:24:57	0.625	53.6	9.8

96	2010/06/27 06:25:26	0.750	52.9	9.8
97	2010/06/27 06:26:06	0.750	55.4	9.9
98	2010/06/27 06:26:58	0.625	63.5	11.3
99	2010/06/27 06:27:14	0.625	66.7	10.2
100	2010/06/27 06:27:18	0.500	62.5	12.3
101	2010/06/27 06:27:23	0.750	48.4	10.2
102	2010/06/27 06:28:44	0.625	63.1	12.5
103	2010/06/27 06:29:24	0.750	48.8	8.5
104	2010/06/27 06:29:55	0.500	64.3	12.4
105	2010/06/27 06:31:55	1.000	53.4	8.5
106	2010/06/27 06:31:58	0.750	54.8	10.8
107	2010/06/27 06:35:28	0.625	64.6	10.6
108	2010/06/27 06:36:54	0.875	66.2	11.6
109	2010/06/27 06:36:58	0.500	65.5	9.0
110	2010/06/27 06:36:58	0.625	62.7	9.2
111	2010/06/27 06:37:08	0.625	66.8	12.4
112	2010/06/27 06:37:29	0.750	60.8	8.1
113	2010/06/27 06:37:34	0.750	54.5	9.8
114	2010/06/27 06:38:52	0.625	55.3	10.7
115	2010/06/27 06:39:02	0.625	65.2	11.8
116	2010/06/27 06:39:07	0.625	73.8	12.5
117	2010/06/27 06:40:24	0.625	66.1	10.7
118	2010/06/27 06:40:29	0.750	64.4	8.8
119	2010/06/27 06:41:21	0.750	58.3	8.9
120	2010/06/27 06:41:29	0.625	73.5	11.7
121	2010/06/27 06:41:32	0.750	63.2	12.5
122	2010/06/27 06:41:36	0.750	66.6	9.5
123	2010/06/27 06:41:56	0.750	64.6	10.0
124	2010/06/27 06:42:03	0.625	58.1	8.4
125	2010/06/27 06:42:21	0.750	64.3	10.0
126	2010/06/27 06:42:36	0.625	62.3	12.4
127	2010/06/27 06:43:27	0.625	56.5	10.4
128	2010/06/27 06:43:28	0.625	64.4	10.8



129	2010/06/27 06:43:50	0.750	53.2	8.5
130	2010/06/27 06:44:08	0.625	58.1	11.2
131	2010/06/27 06:44:43	0.750	51.7	9.8
132	2010/06/27 06:44:58	1.000	51.5	9.6
133	2010/06/27 06:45:53	0.750	47.9	9.0
134	2010/06/27 06:46:34	0.875	51.7	7.4
135	2010/06/27 06:53:00	0.625	58.4	8.4
136	2010/06/27 06:53:52	0.750	52.7	9.3
137	2010/06/27 06:54:48	0.625	62.6	9.6
138	2010/06/27 06:55:26	0.625	61.3	10.8
139	2010/06/27 06:55:28	0.625	69.4	10.7
140	2010/06/27 06:56:06	0.875	64.1	6.1
141	2010/06/27 07:07:14	0.875	69.3	9.4
142	2010/06/27 07:14:27	0.625	56.3	10.0
143	2010/06/27 07:18:49	1.000	54.9	8.5
144	2010/06/27 07:19:27	0.625	65.4	11.0
145	2010/06/27 07:20:42	0.750	62.2	8.3
146	2010/06/27 07:20:50	0.625	68.5	9.7
147	2010/06/27 07:20:52	0.875	66.9	8.3
148	2010/06/27 07:20:56	0.875	68.3	9.7
149	2010/06/27 07:20:57	0.875	67.4	8.3
150	2010/06/27 07:21:01	0.875	67.2	10.0
151	2010/06/27 07:21:08	0.750	68.1	9.7
152	2010/06/27 07:21:10	0.625	67.0	9.0
153	2010/06/27 07:21:12	1.000	67.0	9.4
154	2010/06/27 07:23:29	0.875	59.2	9.2
155	2010/06/27 07:23:33	0.625	66.7	11.3
156	2010/06/27 07:23:54	0.750	55.7	9.9
157	2010/06/27 07:27:32	0.625	66.1	12.6
158	2010/06/27 07:27:46	0.875	52.6	8.6
159	2010/06/27 07:29:34	0.625	53.6	10.0
160	2010/06/27 07:30:07	0.625	66.2	11.6
161	2010/06/27 07:30:09	0.625	54.9	11.3

162	2010/06/27 07:30:14	0.750	68.6	11.3
163	2010/06/27 07:30:24	0.625	65.4	9.7
164	2010/06/27 07:34:42	0.750	68.0	8.0
165	2010/06/27 07:42:48	0.875	82.8	7.6
166	2010/06/27 07:42:50	0.875	76.2	6.8
167	2010/06/27 07:42:59	0.875	76.4	8.4
168	2010/06/27 07:43:02	0.875	79.9	7.4
169	2010/06/27 07:44:23	1.000	74.5	6.8
170	2010/06/27 07:45:27	1.000	71.7	7.9
171	2010/06/27 07:47:49	1.000	84.4	8.7
172	2010/06/27 07:49:30	0.875	69.9	6.5
173	2010/06/27 07:53:06	0.625	85.6	10.4
174	2010/06/27 07:53:15	0.625	78.1	10.7
175	2010/06/27 07:53:18	0.625	84.7	10.5
176	2010/06/27 07:55:43	0.875	68.1	10.6
177	2010/06/27 07:55:45	0.750	66.5	8.2
178	2010/06/27 07:55:52	0.625	64.6	10.2
179	2010/06/27 07:55:56	0.625	72.4	10.6
180	2010/06/27 07:58:24	0.875	48.6	8.4
181	2010/06/27 07:59:33	0.750	58.5	10.7
182	2010/06/27 08:03:21	0.875	49.7	9.8
183	2010/06/27 08:03:35	1.000	48.8	9.4
184	2010/06/27 08:03:39	0.750	63.2	11.4
185	2010/06/27 08:05:54	0.625	60.7	10.7
186	2010/06/27 08:16:07	0.750	65.4	9.6
187	2010/06/27 08:22:08	0.750	63.0	6.4
188	2010/06/27 08:23:10	0.625	57.2	12.6
189	2010/06/27 08:34:43	0.750	65.1	8.5
190	2010/06/27 08:37:12	0.750	55.0	7.7
191	2010/06/27 08:53:17	0.750	84.7	10.3
192	2010/06/27 09:07:15	0.625	65.5	9.6
193	2010/06/27 09:13:04	0.625	69.6	11.1
194	2010/06/27 09:13:55	0.750	57.4	9.5

195	2010/06/27 09:13:56	0.625	62.6	9.9
196	2010/06/27 09:22:48	0.625	85.3	9.0
197	2010/06/27 09:29:17	0.750	65.5	8.5
198	2010/06/27 09:33:48	0.625	57.1	11.1
199	2010/06/27 09:42:22	0.750	72.7	7.5
200	2010/06/27 09:46:02	0.875	62.8	8.0
201	2010/06/27 09:46:14	0.625	71.9	10.7
202	2010/06/27 09:52:44	0.625	60.9	10.3
203	2010/06/27 09:53:21	0.625	63.7	10.0
204	2010/06/27 09:53:22	1.000	57.1	9.1
205	2010/06/27 09:53:34	0.750	61.1	9.4
206	2010/06/27 10:01:08	0.625	78.9	11.5
207	2010/06/27 10:11:00	0.625	75.2	10.4
208	2010/06/27 10:11:20	0.875	55.0	9.4
209	2010/06/27 10:11:25	0.625	55.1	9.2
210	2010/06/27 10:13:37	0.625	78.7	8.7
211	2010/06/27 10:25:03	0.750	71.7	7.3
212	2010/06/27 10:28:46	0.750	54.8	6.8
213	2010/06/27 10:29:41	0.875	54.0	10.1
214	2010/06/27 10:43:27	0.750	71.5	8.8
215	2010/06/27 10:45:13	0.625	65.8	9.6
216	2010/06/27 10:48:28	0.875	73.2	6.5
217	2010/06/27 11:22:26	0.750	68.1	8.8
218	2010/06/27 11:28:25	0.625	69.4	7.5
219	2010/06/27 11:29:45	1.000	64.3	8.0
220	2010/06/27 11:35:47	0.625	71.1	11.3
221	2010/06/27 11:49:17	0.750	73.1	8.5
222	2010/06/27 12:03:28	0.875	69.7	8.9
223	2010/06/27 12:15:56	0.625	64.4	10.7
224	2010/06/27 12:17:24	1.000	69.8	9.6
225	2010/06/27 12:28:24	0.625	56.7	10.9
226	2010/06/27 12:32:15	0.625	67.2	10.8
227	2010/06/27 12:34:58	1.000	61.2	9.1

228	2010/06/27 12:45:07	0.750	55.1	7.9
229	2010/06/27 12:46:47	1.000	74.8	9.4
230	2010/06/27 12:47:49	0.750	63.0	7.3
231	2010/06/27 12:50:40	0.750	66.2	8.5
232	2010/06/27 12:58:18	0.750	64.7	11.4
233	2010/06/27 13:09:41	0.625	65.6	10.9
234	2010/06/27 13:14:29	0.875	60.8	7.1
235	2010/06/27 13:14:33	0.750	67.8	9.8
236	2010/06/27 13:14:38	1.000	60.3	7.6
237	2010/06/27 13:14:41	0.750	64.6	10.4
238	2010/06/27 13:16:25	0.750	65.4	8.7
239	2010/06/27 13:17:26	0.875	75.1	7.6
240	2010/06/27 13:33:51	0.750	54.7	9.5
241	2010/06/27 13:34:49	0.750	57.6	8.6
242	2010/06/27 13:39:43	0.750	65.2	9.6
243	2010/06/27 13:39:57	0.625	73.3	9.2
244	2010/06/27 13:41:22	0.625	58.9	11.7
245	2010/06/27 13:44:52	0.625	66.8	9.3
246	2010/06/27 13:45:29	0.625	80.0	9.9
247	2010/06/27 13:45:59	0.625	76.3	10.1
248	2010/06/27 13:46:02	0.750	80.4	10.2
249	2010/06/27 13:46:18	0.625	61.4	10.5
250	2010/06/27 13:48:20	0.625	60.2	11.4
251	2010/06/27 13:48:29	0.625	54.3	10.2
252	2010/06/27 13:51:43	0.625	64.6	10.6
253	2010/06/27 13:52:30	0.875	60.6	6.9
254	2010/06/27 13:52:57	0.875	62.7	6.4
255	2010/06/27 13:53:47	0.875	64.0	9.4
256	2010/06/27 14:00:06	1.000	49.7	7.2
257	2010/06/27 14:05:12	0.750	56.9	8.0
258	2010/06/27 14:06:21	1.000	63.9	8.1
259	2010/06/27 14:09:29	0.750	54.2	8.8
260	2010/06/27 14:09:30	0.750	53.2	8.0

261	2010/06/27 14:10:56	0.625	69.7	10.8
262	2010/06/27 14:13:59	0.625	65.4	6.4
263	2010/06/27 14:15:49	0.750	63.2	8.8
264	2010/06/27 14:16:01	0.750	69.3	8.6
265	2010/06/27 14:16:03	0.875	61.7	7.0
266	2010/06/27 14:16:05	0.750	64.3	8.8
267	2010/06/27 14:16:22	0.750	73.8	9.4
268	2010/06/27 14:16:44	0.625	73.3	9.4
269	2010/06/27 14:16:59	0.625	76.8	10.9
270	2010/06/27 14:17:05	0.750	62.8	7.9
271	2010/06/27 14:17:12	0.625	68.1	11.3
272	2010/06/27 14:17:25	0.625	70.4	9.9
273	2010/06/27 14:17:48	0.625	66.7	11.2
274	2010/06/27 14:17:50	0.625	71.9	10.0
275	2010/06/27 14:22:18	0.750	64.3	6.7
276	2010/06/27 14:24:34	0.625	70.9	9.6
277	2010/06/27 14:24:46	0.625	62.8	10.9
278	2010/06/27 14:24:48	1.000	55.2	9.6
279	2010/06/27 14:25:03	1.000	55.4	11.6
280	2010/06/27 14:27:17	0.750	60.0	10.7
281	2010/06/27 14:28:07	0.750	57.6	8.0
282	2010/06/27 14:28:11	0.750	55.2	9.3
283	2010/06/27 14:28:32	0.750	60.7	10.2
284	2010/06/27 14:29:19	0.750	54.5	8.2
285	2010/06/27 14:30:55	0.625	55.6	10.3
286	2010/06/27 14:32:14	0.625	52.2	9.5
287	2010/06/27 14:32:53	0.625	69.0	10.7
288	2010/06/27 14:32:59	0.625	57.4	9.6
289	2010/06/27 14:34:06	0.625	64.5	10.0
290	2010/06/27 14:37:32	0.625	59.3	8.2
291	2010/06/27 14:39:27	0.750	65.8	7.6
292	2010/06/27 14:40:02	0.625	60.0	11.9
293	2010/06/27 14:40:10	0.750	53.6	8.5

294	2010/06/27 14:40:12	0.750	61.2	8.4
295	2010/06/27 14:48:20	0.875	48.9	9.9
296	2010/06/27 14:49:30	0.625	55.7	9.3
297	2010/06/27 14:49:37	0.750	53.0	8.5
298	2010/06/27 14:49:38	0.750	53.9	8.8
299	2010/06/27 14:49:39	0.625	54.6	8.7
300	2010/06/27 14:49:40	0.625	53.5	8.0
301	2010/06/27 14:49:40	0.625	55.4	9.1
302	2010/06/27 14:51:00	0.625	71.8	9.4
303	2010/06/27 14:53:29	0.750	60.3	10.3
304	2010/06/27 14:54:52	0.750	59.9	8.7
305	2010/06/27 14:58:34	0.750	64.0	10.1
306	2010/06/27 15:02:32	0.750	55.6	8.9
307	2010/06/27 15:02:39	0.625	72.7	12.0
308	2010/06/27 15:11:59	0.750	60.8	10.0
309	2010/06/27 15:12:04	0.750	66.8	9.7
310	2010/06/27 15:13:16	0.750	54.7	11.7
311	2010/06/27 15:24:44	0.750	61.9	7.7
312	2010/06/27 15:26:26	1.000	67.1	6.1
313	2010/06/27 15:32:47	0.625	61.4	11.1
314	2010/06/27 15:33:56	1.000	54.0	6.9
315	2010/06/27 15:54:38	0.625	61.4	10.9
316	2010/06/27 15:54:42	0.625	66.8	10.2
317	2010/06/27 15:56:18	0.875	57.3	8.9
318	2010/06/27 16:26:28	0.625	63.3	11.2
319	2010/06/27 16:46:06	0.750	62.2	9.2
320	2010/06/27 16:46:10	0.750	62.9	10.3
321	2010/06/27 16:46:57	0.875	59.6	7.1
322	2010/06/27 16:48:13	0.750	59.0	9.5
323	2010/06/27 16:48:16	0.750	57.2	10.4
324	2010/06/27 16:49:03	0.875	64.2	8.1
325	2010/06/27 16:53:25	0.750	62.9	7.6
326	2010/06/27 16:55:10	0.875	54.7	9.0

327	2010/06/27 16:55:15	0.625	66.1	11.0
328	2010/06/27 17:01:30	0.625	67.2	10.4
329	2010/06/27 17:08:02	0.625	75.9	10.2
330	2010/06/27 17:11:02	0.625	68.7	10.1
331	2010/06/27 17:16:29	0.750	71.0	9.7
332	2010/06/27 17:16:36	0.750	64.7	9.3
333	2010/06/27 18:08:30	0.625	69.6	11.0
334	2010/06/27 18:19:53	1.000	73.2	9.0
335	2010/06/27 18:22:14	0.875	78.3	7.8
336	2010/06/27 18:27:44	0.875	64.1	7.7
337	2010/06/27 18:27:46	0.875	64.6	6.7
338	2010/06/27 18:32:09	0.625	75.3	9.6
339	2010/06/27 18:52:27	0.750	83.3	9.9
340	2010/06/27 18:54:55	0.750	85.3	8.4
341	2010/06/27 18:56:05	0.750	71.9	7.8
342	2010/06/27 18:56:45	0.500	74.2	12.4
343	2010/06/27 18:58:09	0.875	75.4	7.3
344	2010/06/27 18:58:38	0.500	86.5	11.2
345	2010/06/27 19:04:53	0.750	66.5	7.6
346	2010/06/27 19:11:24	0.750	61.6	9.7
347	2010/06/27 19:17:12	0.750	71.3	9.2
348	2010/06/27 19:25:17	1.000	66.0	10.1
349	2010/06/27 19:25:56	0.875	63.5	7.7
350	2010/06/27 19:26:47	0.750	78.4	10.0
351	2010/06/27 19:36:36	0.625	73.2	9.2
352	2010/06/27 19:39:13	1.000	69.7	9.4
353	2010/06/27 19:42:27	0.750	70.0	10.7
354	2010/06/27 19:51:00	0.875	73.5	6.5
355	2010/06/27 19:53:31	0.750	66.8	9.5
356	2010/06/27 19:53:43	0.875	69.6	6.9
357	2010/06/27 19:57:10	0.750	71.9	7.3
358	2010/06/27 19:59:08	0.625	77.0	9.9
359	2010/06/27 19:59:42	0.875	67.3	7.6

360	2010/06/27 20:04:34	0.750	74.0	8.1
361	2010/06/27 20:05:18	0.750	61.3	9.5
362	2010/06/27 20:06:08	0.750	76.6	8.4
363	2010/06/27 20:07:14	1.000	71.1	6.1
364	2010/06/27 20:17:14	0.875	77.2	6.9
365	2010/06/27 20:18:25	0.625	69.3	10.0
366	2010/06/27 20:19:17	0.750	84.7	10.1
367	2010/06/27 20:19:25	0.750	76.3	11.0
368	2010/06/27 20:19:40	0.750	74.6	9.5
369	2010/06/27 20:29:20	1.000	65.9	8.5
370	2010/06/27 20:30:32	0.875	72.5	8.5
371	2010/06/27 20:30:38	0.875	79.8	8.7
372	2010/06/27 20:30:58	0.875	75.0	6.1
373	2010/06/27 20:41:55	0.875	77.6	9.0
374	2010/06/27 20:43:14	0.750	71.4	9.4
375	2010/06/27 20:44:43	0.625	70.1	7.7
376	2010/06/27 20:45:52	0.750	73.2	8.3
377	2010/06/27 20:46:26	0.625	70.8	11.2
378	2010/06/27 20:47:24	0.750	67.4	7.7
379	2010/06/27 20:49:11	0.625	73.2	10.0
380	2010/06/27 20:49:41	0.750	87.6	7.8
381	2010/06/27 20:52:35	0.750	73.9	9.0
382	2010/06/27 20:57:35	0.625	90.3	13.6
383	2010/06/27 20:57:38	0.625	92.1	13.7
384	2010/06/27 20:57:39	0.500	92.9	12.8
385	2010/06/27 20:57:41	0.500	92.4	12.9
386	2010/06/27 20:57:43	0.625	93.5	13.4
387	2010/06/27 20:57:45	0.625	91.9	12.0
388	2010/06/27 20:57:46	0.625	90.6	12.0
389	2010/06/27 20:57:49	0.625	89.8	12.4
390	2010/06/27 20:57:50	0.625	90.5	11.3
391	2010/06/27 20:57:52	0.625	91.2	12.9
392	2010/06/27 20:57:53	0.625	92.5	12.7



393	2010/06/27 20:57:56	0.625	91.1	12.6
394	2010/06/27 20:57:57	0.625	92.7	13.0
395	2010/06/27 20:58:00	0.625	90.7	11.4
396	2010/06/27 20:58:16	0.625	90.8	13.2
397	2010/06/27 20:58:18	1.000	90.6	11.6
398	2010/06/27 20:58:19	0.625	90.4	11.1
399	2010/06/27 20:58:22	0.750	88.9	10.7
400	2010/06/27 20:58:23	0.625	89.8	11.4
401	2010/06/27 20:58:25	0.625	90.3	12.2
402	2010/06/27 20:58:29	0.625	91.3	12.3
403	2010/06/27 20:58:31	0.625	89.4	11.8
404	2010/06/27 20:58:32	0.625	90.5	12.5
405	2010/06/27 20:58:34	0.625	91.5	12.0
406	2010/06/27 20:58:38	0.625	92.0	12.5
407	2010/06/27 20:58:41	0.625	91.1	12.4
408	2010/06/27 20:59:08	0.625	88.0	12.7
409	2010/06/27 20:59:09	0.625	94.8	13.5
410	2010/06/27 20:59:10	0.625	90.4	12.6
411	2010/06/27 20:59:13	0.625	88.5	11.1
412	2010/06/27 20:59:14	0.500	91.3	11.9
413	2010/06/27 20:59:15	0.625	88.5	11.0
414	2010/06/27 20:59:17	0.625	87.6	10.8
415	2010/06/27 20:59:18	0.625	90.6	11.6
416	2010/06/27 20:59:19	0.500	91.4	12.1
417	2010/06/27 20:59:21	0.500	88.0	11.5
418	2010/06/27 20:59:22	0.625	89.9	12.7
419	2010/06/27 20:59:24	0.625	92.4	12.4
420	2010/06/27 20:59:25	0.625	87.4	11.6
421	2010/06/27 21:01:50	0.625	80.1	11.1
422	2010/06/27 21:09:59	0.875	71.9	10.2
423	2010/06/27 21:10:07	1.000	66.4	7.3
424	2010/06/27 21:10:48	1.000	84.1	9.9
425	2010/06/27 21:20:23	0.750	68.3	8.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

426	2010/06/27 21:27:42	0.875	67.1	9.2
427	2010/06/27 21:54:42	0.875	74.0	7.0
428	2010/06/27 21:59:48	0.875	67.4	6.8
429	2010/06/27 22:03:48	0.875	70.0	6.8
430	2010/06/27 22:07:19	0.750	88.2	10.0
431	2010/06/27 22:07:21	0.750	77.7	10.3
432	2010/06/27 22:07:42	0.625	69.7	11.4
433	2010/06/27 22:32:41	1.000	67.1	9.7
434	2010/06/27 22:41:18	1.000	59.9	7.2
435	2010/06/27 22:51:13	0.750	66.1	9.9
436	2010/06/27 22:52:13	0.625	72.4	9.9
437	2010/06/27 22:59:37	0.750	67.2	6.5
438	2010/06/27 23:02:34	1.000	57.0	8.5
439	2010/06/27 23:17:13	0.750	69.3	10.5
440	2010/06/27 23:30:13	1.000	63.7	6.5
441	2010/06/27 23:34:56	0.625	76.1	10.0
442	2010/06/27 23:34:57	0.625	65.2	10.8
443	2010/06/27 23:37:03	0.750	85.8	12.0

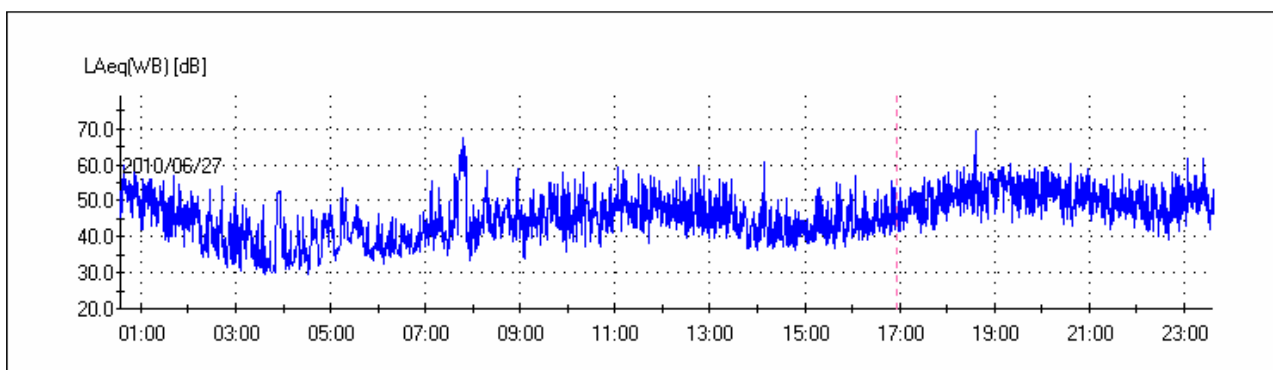
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 125	0.3
Freq: 200	0.3
Freq: 250	0.1
Freq: 315	0.3
Freq: 400	0.1
Freq: 500	0.2
Freq: 630	0.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Freq: 1 k	0.1
Freq: 1.25 k	0.1
Freq: 1.6 k	0.0
Freq: 3.15 k	0.1
Freq: 4 k	0.1
Freq: 5 k	0.1
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

TIME ISTORY COMPONENTI TONALI

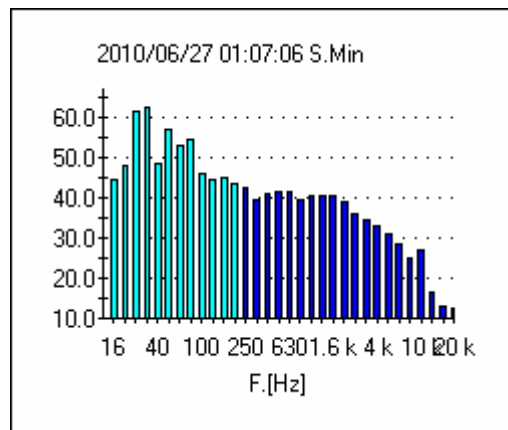
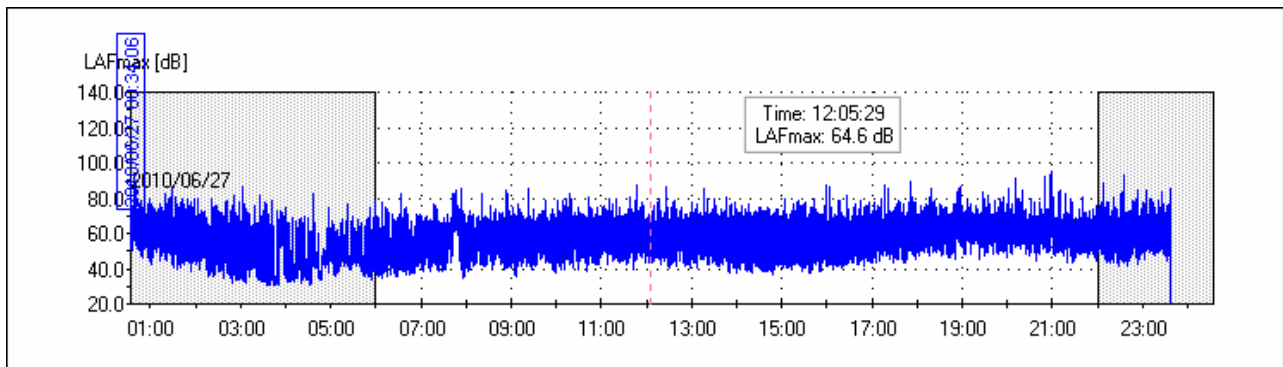
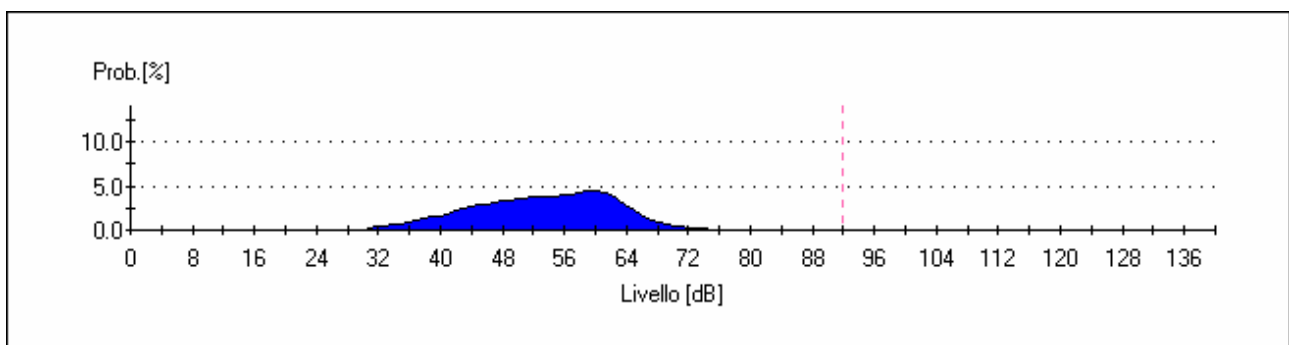


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

CUMULATIVA

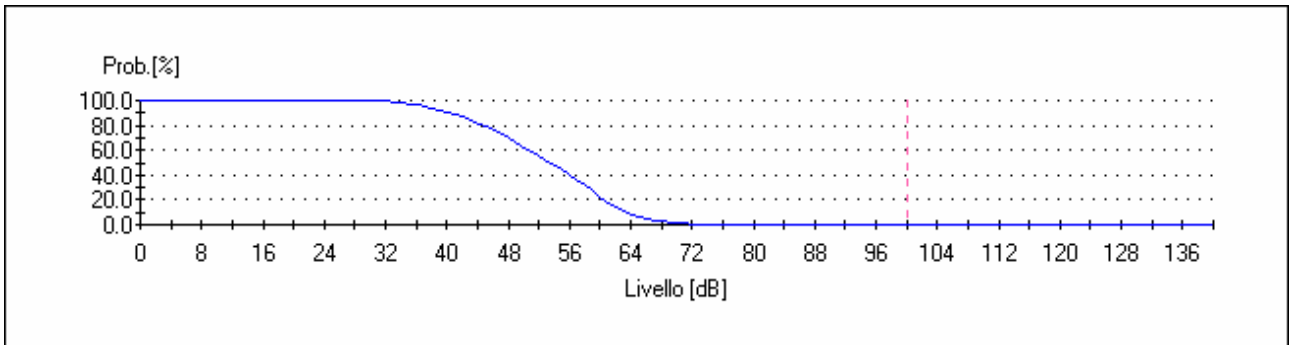
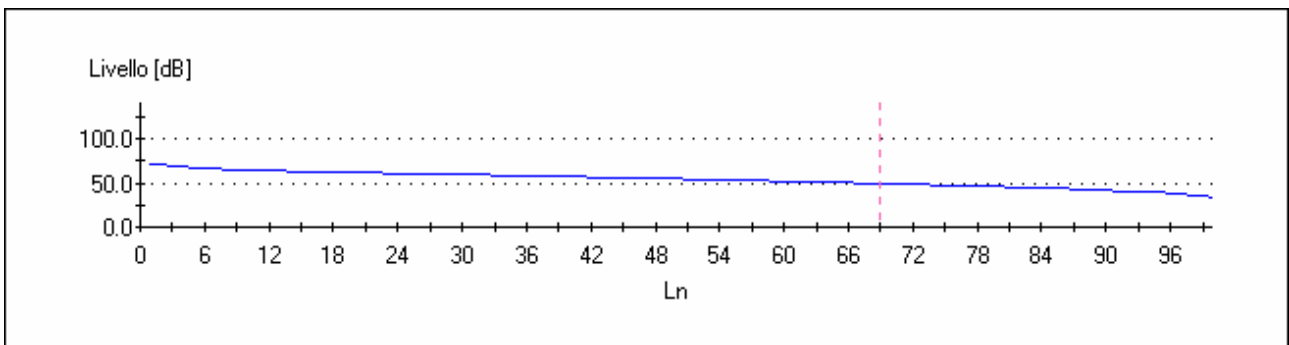


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	71.0
1	71.0
2	69.0
3	68.0
4	67.0
5	66.5
6	66.0
7	65.5
8	65.0
9	64.5
10	64.0
11	63.8
12	63.5
13	63.3
14	63.0
15	62.8
16	62.5
17	62.3
18	62.0
19	61.8
20	61.5
21	61.3
22	61.0
23	60.8
24	60.5
25	60.3
26	60.0
27	59.8
28	59.6

29	59.4
30	59.2
31	59.0
32	58.8
33	58.5
34	58.3
35	58.0
36	57.8
37	57.5
38	57.3
39	57.0
40	56.8
41	56.5
42	56.3
43	56.0
44	55.8
45	55.5
46	55.3
47	55.0
48	54.8
49	54.5
50	54.3
51	54.0
52	53.8
53	53.5
54	53.3
55	53.0
56	52.7
57	52.3
58	52.0
59	51.8
60	51.5
61	51.3



62	51.0
63	50.8
64	50.5
65	50.3
66	50.0
67	49.7
68	49.3
69	49.0
70	48.7
71	48.3
72	48.0
73	47.7
74	47.3
75	47.0
76	46.7
77	46.3
78	46.0
79	45.7
80	45.3
81	45.0
82	44.7
83	44.3
84	44.0
85	43.5
86	43.0
87	42.7
88	42.3
89	42.0
90	41.0
91	40.5
92	40.0
93	39.5
94	39.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	38.0
96	37.0
97	36.0
98	35.0
99	33.0

LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	71.0
1	71.0
2	69.0
3	68.0
4	67.0
5	66.5
6	66.0
7	65.5
8	65.0
9	64.7
10	64.3
11	64.0
12	63.8
13	63.5
14	63.3
15	63.0
16	62.8
17	62.5
18	62.3
19	62.0
20	61.8
21	61.6
22	61.4
23	61.2

24	61.0
25	60.8
26	60.6
27	60.4
28	60.2
29	60.0
30	59.8
31	59.6
32	59.4
33	59.2
34	59.0
35	58.8
36	58.6
37	58.4
38	58.2
39	58.0
40	57.8
41	57.5
42	57.3
43	57.0
44	56.8
45	56.6
46	56.4
47	56.2
48	56.0
49	55.8
50	55.5
51	55.3
52	55.0
53	54.8
54	54.5
55	54.3
56	54.0

57	53.7
58	53.3
59	53.0
60	52.8
61	52.5
62	52.3
63	52.0
64	51.8
65	51.5
66	51.3
67	51.0
68	50.8
69	50.5
70	50.3
71	50.0
72	49.7
73	49.3
74	49.0
75	48.8
76	48.5
77	48.3
78	48.0
79	47.7
80	47.3
81	47.0
82	46.7
83	46.3
84	46.0
85	45.7
86	45.3
87	45.0
88	44.5
89	44.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

90	43.7
91	43.3
92	43.0
93	42.5
94	42.0
95	41.0
96	40.5
97	40.0
98	39.0
99	37.0

#### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	72.0
1	72.0
2	69.0
3	68.0
4	67.0
5	66.0
6	65.5
7	65.0
8	64.5
9	64.0
10	63.5
11	63.0
12	62.7
13	62.3
14	62.0
15	61.7
16	61.3
17	61.0
18	60.7

19	60.3
20	60.0
21	59.8
22	59.5
23	59.3
24	59.0
25	58.7
26	58.3
27	58.0
28	57.7
29	57.3
30	57.0
31	56.7
32	56.3
33	56.0
34	55.8
35	55.5
36	55.3
37	55.0
38	54.7
39	54.3
40	54.0
41	53.8
42	53.5
43	53.3
44	53.0
45	52.7
46	52.3
47	52.0
48	51.8
49	51.5
50	51.3
51	51.0

52	50.7
53	50.3
54	50.0
55	49.7
56	49.3
57	49.0
58	48.7
59	48.3
60	48.0
61	47.5
62	47.0
63	46.8
64	46.5
65	46.3
66	46.0
67	45.7
68	45.3
69	45.0
70	44.7
71	44.3
72	44.0
73	43.5
74	43.0
75	42.7
76	42.3
77	42.0
78	41.5
79	41.0
80	40.7
81	40.3
82	40.0
83	39.5
84	39.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	38.7
86	38.3
87	38.0
88	37.5
89	37.0
90	36.7
91	36.3
92	36.0
93	35.5
94	35.0
95	34.5
96	34.0
97	33.0
98	32.5
99	32.0



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92,7	88	91,8
88,5	80,7	85,6
88,8	84,1	87,8
88,4	83,9	87,5
99,8	90,2	94,8
93,4	90,1	92,8
<b>99,8</b>	<b>90,2</b>	<b>94,8</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

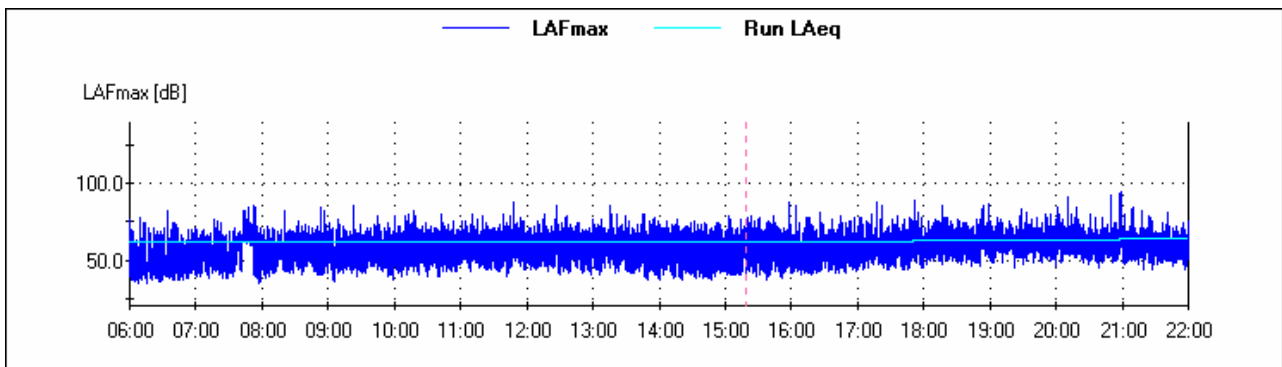
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,5	80,7	85,6
88,8	84,1	87,8
88,4	83,9	87,5
99,8	90,2	94,8
81,5	78,1	80,6
<b>99,8</b>	<b>90,2</b>	<b>94,8</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

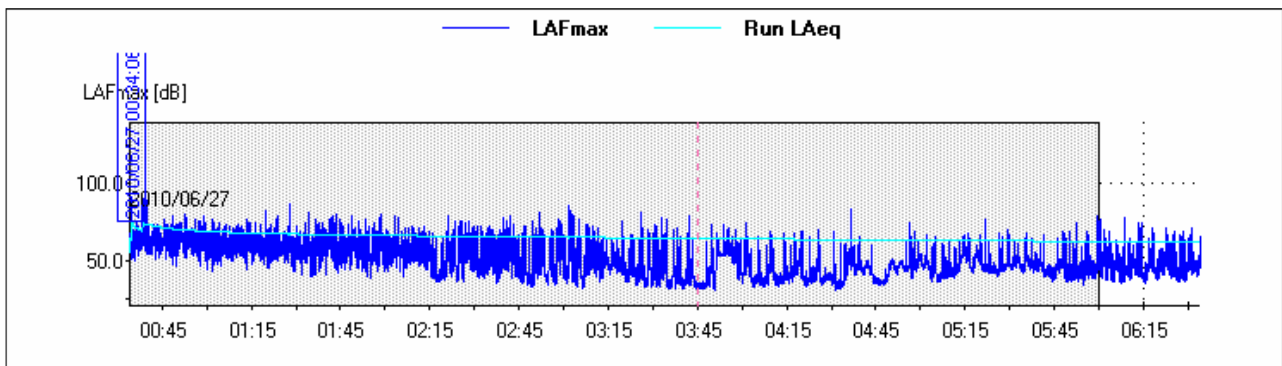
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92,7	88	91,8
79,3	76,4	79
93,4	90,1	92,8
<b>93,4</b>	<b>90,1</b>	<b>92,8</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

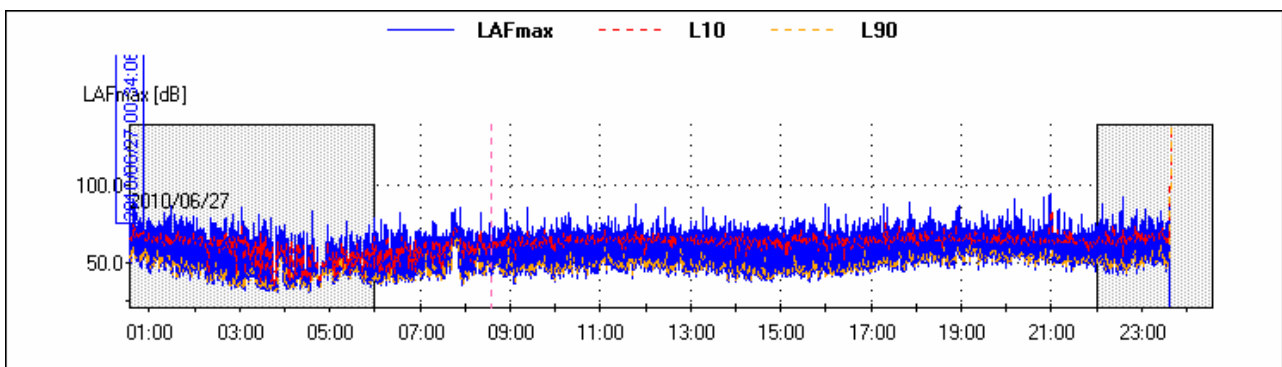
### RUNNING Leq DIURNO



### RUNNING Leq NOTTURNO

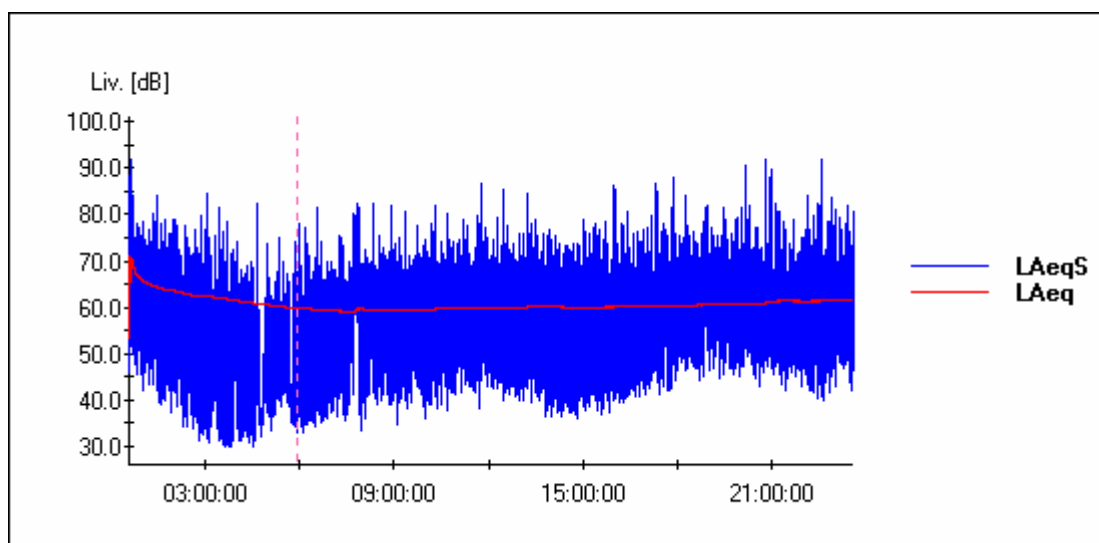


### TIME HISTORY L10 – L90

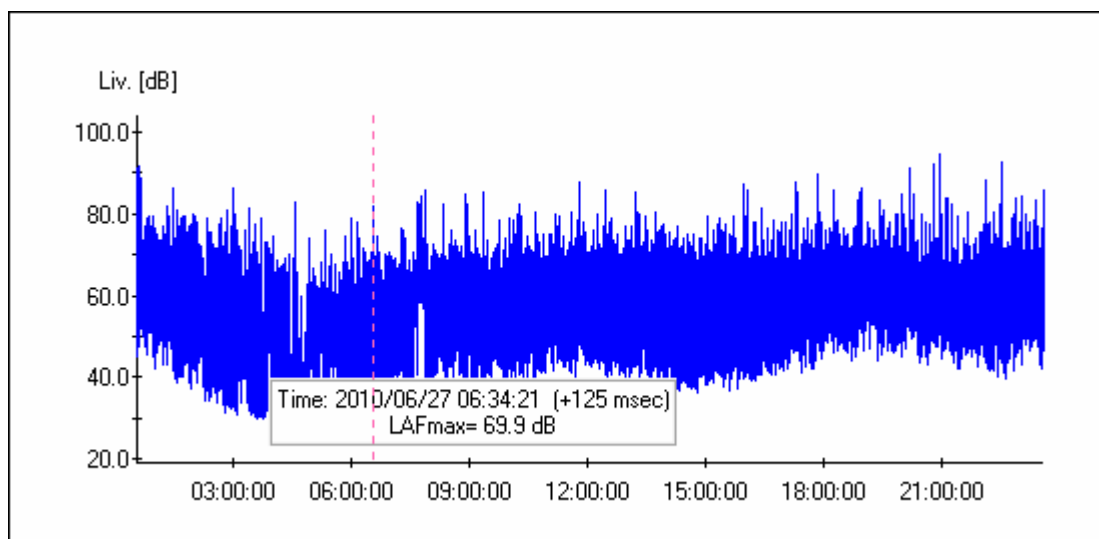


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_2_S	SP 43 VIA CONSOLARE POMPEA
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiedi antistante il fabbricato ad una distanza di mt 1,00 dal prospetto nord ed a una distanza di mt 3 dal ciglio stradale</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
<b>Descrizione</b>		
<b>Strumentazione adottata</b>		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P,		

- microfono MK 221, numero di serie 34208  
- Calibratore HD 2020 Classe 1 090 29825

Punto	Ricettore <b>R_2_S</b>	Indirizzo <b>SP 43 VIA CONSOLARE POMPEA</b>
-------	---------------------------	--

**Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)**

Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>18/06/10</b>	<b>69.2</b>	<b>0</b>	<b>0</b>		<b>69.2</b>	<b>60</b>
Notte	22-6h	<b>18/06/10</b>	<b>64.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64.9</b>	<b>50</b>

**RISULTATI MISURE**

Codice misura	<b>R_2_S</b>
Data inizio	<b>18/06/2010</b>
Ora inizio	<b>1.56.34</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	<b>68.4</b>	<b>69.2</b>	<b>64.9</b>
L1	[dBA]	<b>77.0</b>	<b>78.0</b>	<b>75.0</b>
L5	[dBA]	<b>73.0</b>	<b>73.7</b>	<b>71.0</b>
L10	[dBA]	<b>71.6</b>	<b>72.0</b>	<b>69.0</b>
L50	[dBA]	<b>64.5</b>	<b>66.3</b>	<b>53.0</b>
L90	[dBA]	<b>46.0</b>	<b>54.0</b>	<b>41.2</b>
L95	[dBA]	<b>42.0</b>	<b>50.0</b>	<b>40.0</b>
L99	[dBA]	<b>39.0</b>	<b>43.0</b>	<b>38.0</b>
L <sub>I</sub> max	[dBA]	<b>99.3</b>	<b>99.3</b>	<b>91.3</b>
L <sub>F</sub> max	[dBA]	<b>98.1</b>	<b>98.1</b>	<b>90.4</b>
L <sub>S</sub> max	[dBA]	<b>95.1</b>	<b>95.1</b>	<b>87.3</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>68.4</b>	<b>69.2</b>	<b>64.9</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R 2 S</b>	Indirizzo <b>SP 43 VIA CONSOLARE POMPEA</b>
-------	---------------------------	--

Sorgente stradale: _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>104</b>	<b>164</b>	<b>170</b>	<b>119</b>	<b>139.3</b>	<b>130</b>	<b>22</b>	<b>76</b>
Veic. Pesanti / 10'	<b>4</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>1.5</b>
Motocicli / 10'	<b>15</b>	<b>23</b>	<b>41</b>	<b>10</b>	<b>22.25</b>	<b>20</b>	<b>3</b>	<b>11.5</b>
Parametri metereologici								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>	<b>SER.</b>
Temperatura	<b>28.1</b>	<b>29.3</b>	<b>30.3</b>	<b>24.9</b>	<b>28.15</b>	<b>24</b>	<b>22.8</b>	<b>23.4</b>
Umidità relativa	<b>62</b>	<b>58</b>	<b>64</b>	<b>83</b>	<b>66.75</b>	<b>68</b>	<b>76</b>	<b>72</b>
Velocità vento	<b>3.1</b>	<b>3.8</b>	<b>3</b>	<b>4.2</b>	<b>3.525</b>	<b>4.8</b>	<b>4.3</b>	<b>4.55</b>
Direzione vento	<b>E N E</b>	<b>E N</b>	<b>S W</b>	<b>N</b>		<b>S W</b>	<b>W</b>	

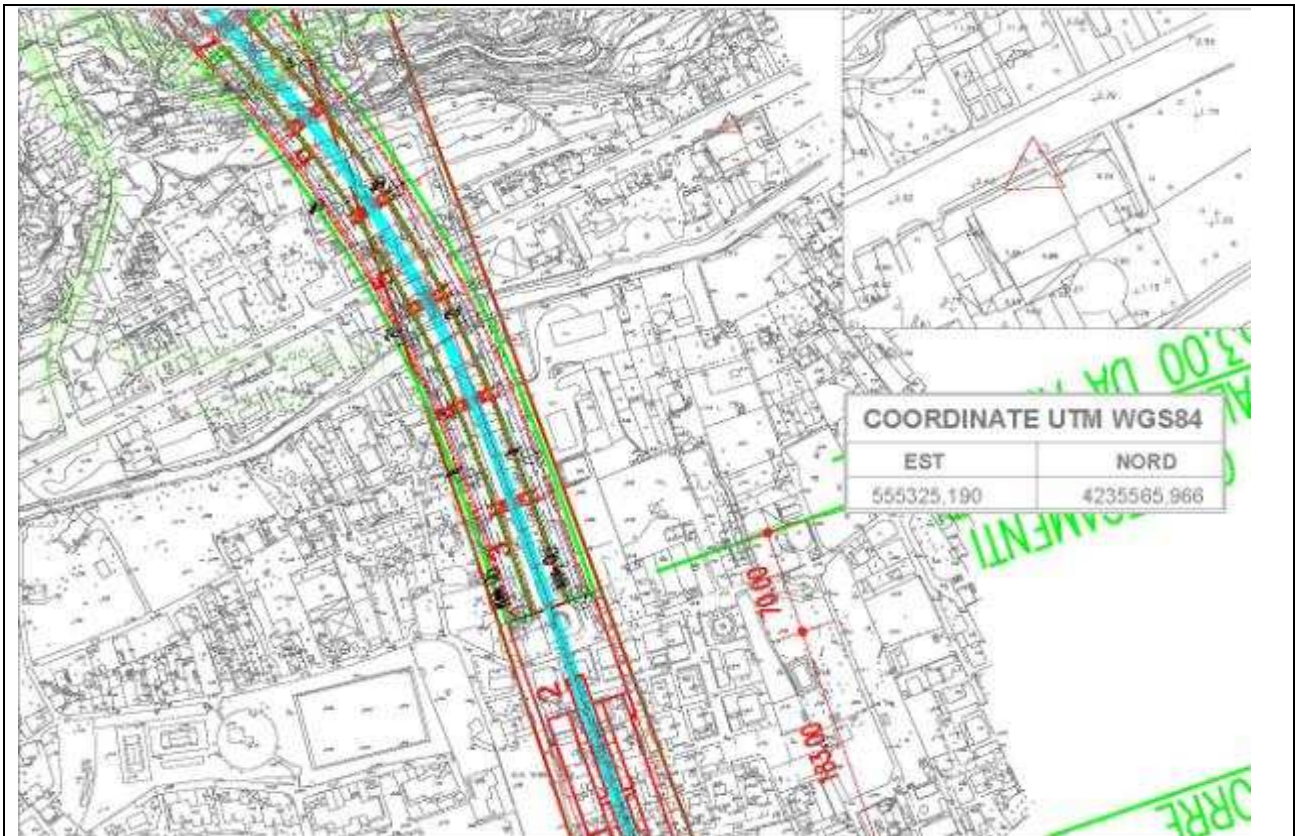
Fotografia del punto di misura

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



Punto	Ricettore <b>R_2_S</b>	Indirizzo <b>S.S. 113</b>
-------	---------------------------	------------------------------

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

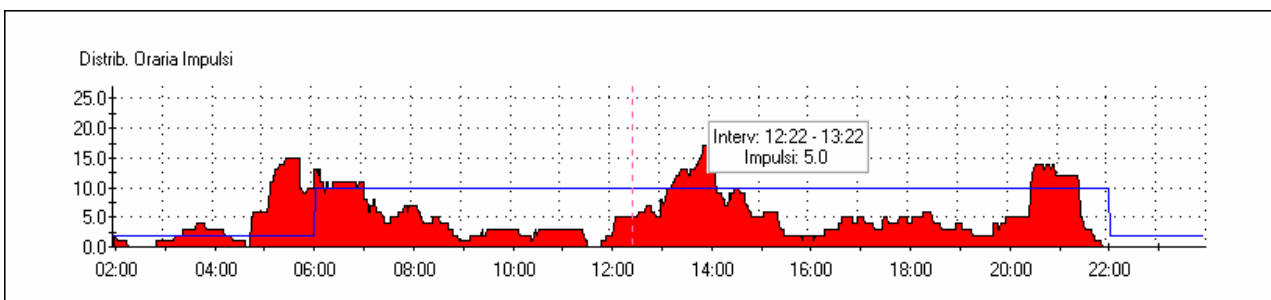
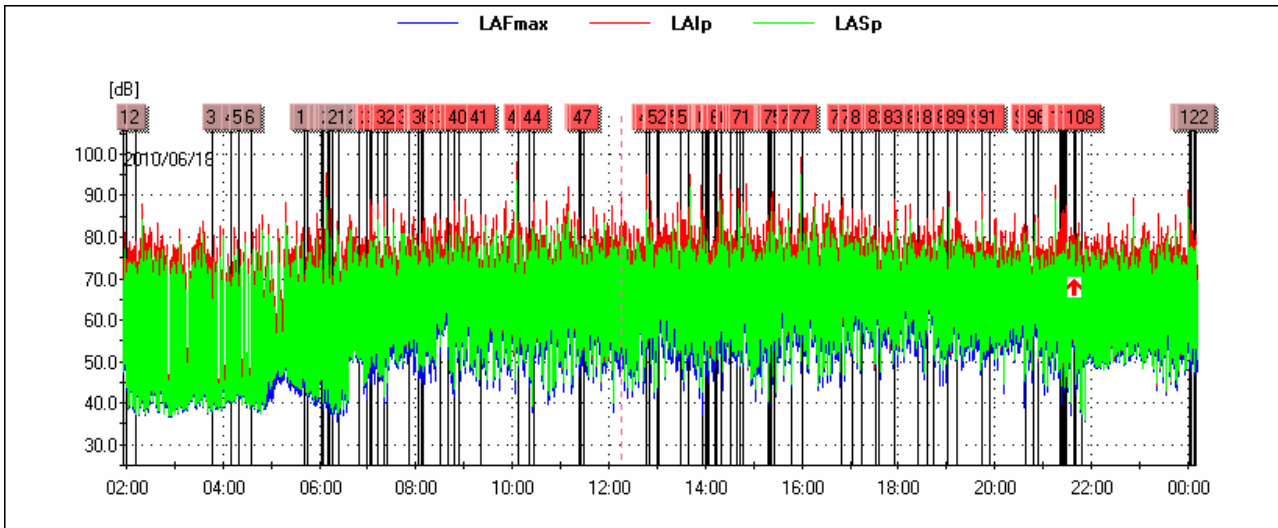


## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata 10dB[s]	LAFmax- LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/06/18 01:59:45	0.750	60.0	8.3
2	2010/06/18 02:12:18	0.750	51.8	9.0
3	2010/06/18 03:47:42	0.625	71.4	10.3
4	2010/06/18 04:09:57	0.750	53.2	8.0
5	2010/06/18 04:19:54	0.750	65.9	10.6
6	2010/06/18 04:35:54	0.875	51.3	8.1
7	2010/06/18 05:41:20	0.750	60.2	9.5
8	2010/06/18 05:41:30	0.750	65.3	9.5
9	2010/06/18 05:41:38	0.750	67.1	10.4
10	2010/06/18 05:41:47	0.750	58.9	9.4
11	2010/06/18 05:41:51	0.750	60.5	9.8
12	2010/06/18 05:44:24	0.750	58.6	9.7
13	2010/06/18 06:02:20	0.625	60.2	10.3
14	2010/06/18 06:03:24	0.875	56.9	9.3
15	2010/06/18 06:04:20	0.875	52.0	10.5
16	2010/06/18 06:05:27	1.000	63.9	7.4
17	2010/06/18 06:05:29	0.750	54.0	8.2
18	2010/06/18 06:09:35	0.750	54.4	7.1
19	2010/06/18 06:11:30	0.750	67.9	9.5
20	2010/06/18 06:15:52	0.625	61.7	9.5
21	2010/06/18 06:23:08	0.750	52.0	8.2
22	2010/06/18 06:49:33	0.750	66.2	10.7
23	2010/06/18 06:58:28	1.000	61.2	8.5
24	2010/06/18 06:58:30	0.750	61.1	8.5
25	2010/06/18 06:58:38	0.750	61.6	7.8
26	2010/06/18 07:03:06	0.750	86.3	10.0
27	2010/06/18 07:03:16	0.875	65.3	10.3
28	2010/06/18 07:04:31	0.875	84.9	8.4
29	2010/06/18 07:12:19	0.750	68.3	7.4

30	2010/06/18 07:12:23	0.875	63.3	8.5
31	2010/06/18 07:20:57	0.750	78.3	9.4
32	2010/06/18 07:23:32	0.875	66.8	8.7
33	2010/06/18 07:51:47	1.000	68.8	7.6
34	2010/06/18 08:03:09	0.875	68.4	8.3
35	2010/06/18 08:06:52	0.875	64.2	8.5
36	2010/06/18 08:09:44	0.750	82.3	7.6
37	2010/06/18 08:30:47	0.625	81.7	9.5
38	2010/06/18 08:40:00	0.750	64.6	9.5
39	2010/06/18 08:46:57	0.750	83.9	11.8
40	2010/06/18 08:52:52	1.000	77.9	7.4
41	2010/06/18 09:21:02	1.000	82.5	8.8
42	2010/06/18 10:06:59	0.750	81.0	10.2
43	2010/06/18 10:20:40	0.875	59.7	8.5
44	2010/06/18 10:26:18	0.875	86.1	7.4
45	2010/06/18 11:23:10	1.000	83.2	6.4
46	2010/06/18 11:25:17	1.000	72.2	7.1
47	2010/06/18 11:28:15	0.750	72.2	10.5
48	2010/06/18 12:45:56	0.875	92.3	8.4
49	2010/06/18 12:50:31	1.000	80.5	10.8
50	2010/06/18 12:59:31	0.750	78.0	9.2
51	2010/06/18 13:01:04	0.625	80.8	11.1
52	2010/06/18 13:01:38	1.000	68.1	6.8
53	2010/06/18 13:29:33	0.625	82.9	9.3
54	2010/06/18 13:38:31	0.625	83.2	9.2
55	2010/06/18 13:56:05	0.875	48.8	6.4
56	2010/06/18 13:56:39	0.625	80.2	9.7
57	2010/06/18 13:56:51	0.875	83.3	9.6
58	2010/06/18 14:01:16	0.750	59.3	9.5
59	2010/06/18 14:01:18	0.625	66.3	10.5
60	2010/06/18 14:01:52	0.750	67.9	8.4
61	2010/06/18 14:03:56	0.875	60.7	7.4
62	2010/06/18 14:04:23	0.750	64.2	8.1

63	2010/06/18 14:11:55	0.750	69.8	7.5
64	2010/06/18 14:14:28	0.750	71.9	9.8
65	2010/06/18 14:20:42	0.625	85.3	10.9
66	2010/06/18 14:32:11	0.625	88.3	10.3
67	2010/06/18 14:38:53	0.750	63.1	8.8
68	2010/06/18 14:39:01	0.750	66.2	10.1
69	2010/06/18 14:43:27	0.750	70.1	9.8
70	2010/06/18 14:46:20	1.000	66.4	9.2
71	2010/06/18 14:47:24	0.625	83.2	13.2
72	2010/06/18 15:18:27	0.875	58.9	9.1
73	2010/06/18 15:19:26	0.750	81.2	8.6
74	2010/06/18 15:21:31	0.875	76.4	8.4
75	2010/06/18 15:25:45	0.625	72.2	9.9
76	2010/06/18 15:47:09	0.875	63.5	6.6
77	2010/06/18 16:01:19	0.625	69.7	10.6
78	2010/06/18 16:48:19	0.875	85.3	7.8
79	2010/06/18 17:02:11	1.000	84.1	8.4
80	2010/06/18 17:14:22	1.000	85.4	6.1
81	2010/06/18 17:31:13	0.750	75.0	8.5
82	2010/06/18 17:35:01	0.625	67.3	7.8
83	2010/06/18 17:54:45	0.875	87.0	8.1
84	2010/06/18 18:24:50	0.750	71.3	10.1
85	2010/06/18 18:25:10	1.000	71.5	10.5
86	2010/06/18 18:35:52	0.750	81.2	10.3
87	2010/06/18 18:44:10	0.875	84.9	7.2
88	2010/06/18 19:00:52	1.000	68.8	7.4
89	2010/06/18 19:13:54	1.000	84.3	7.3
90	2010/06/18 19:44:26	0.750	90.0	6.7
91	2010/06/18 19:53:48	0.625	73.4	10.1
92	2010/06/18 20:38:11	0.625	70.2	10.0
93	2010/06/18 20:38:14	0.875	62.5	8.2
94	2010/06/18 20:47:41	1.000	77.1	7.4
95	2010/06/18 20:53:34	0.625	74.2	11.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

96	2010/06/18 20:53:40	0.625	81.2	10.4
97	2010/06/18 21:21:45	0.625	67.8	8.3
98	2010/06/18 21:22:57	0.750	58.6	10.2
99	2010/06/18 21:22:58	1.000	54.2	6.7
100	2010/06/18 21:23:08	0.875	58.9	6.6
101	2010/06/18 21:23:58	0.875	82.8	9.9
102	2010/06/18 21:24:10	0.875	75.4	7.6
103	2010/06/18 21:24:47	0.750	83.8	9.9
104	2010/06/18 21:26:45	0.625	83.0	9.9
105	2010/06/18 21:28:23	0.750	84.4	9.9
106	2010/06/18 21:38:10	0.750	68.0	9.2
107	2010/06/18 21:41:20	0.750	55.9	7.7
108	2010/06/18 21:49:07	1.000	52.1	9.0
109	2010/06/19 00:03:04	0.750	69.6	12.7
110	2010/06/19 00:03:05	0.625	70.5	11.4
111	2010/06/19 00:03:26	0.750	65.6	7.3
112	2010/06/19 00:03:27	0.750	65.4	6.9
113	2010/06/19 00:03:28	0.875	72.6	11.3
114	2010/06/19 00:03:31	0.625	75.8	12.7
115	2010/06/19 00:03:32	0.625	76.3	12.0
116	2010/06/19 00:03:34	0.750	76.8	12.4
117	2010/06/19 00:03:37	0.750	78.0	11.4
118	2010/06/19 00:04:30	0.875	61.8	8.2
119	2010/06/19 00:07:13	0.875	68.2	8.8
120	2010/06/19 00:07:15	0.750	69.5	9.4
121	2010/06/19 00:09:56	0.625	75.5	8.5
122	2010/06/19 00:10:55	1.000	61.4	6.7

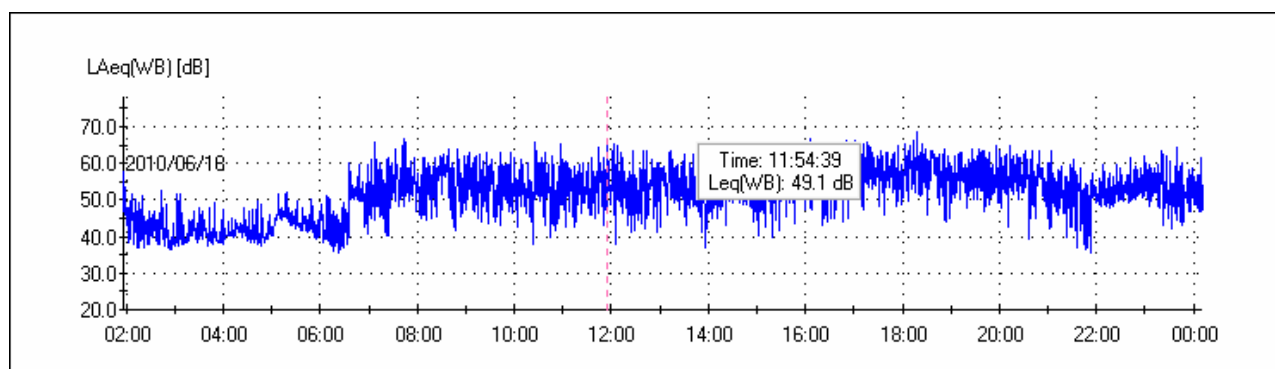
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



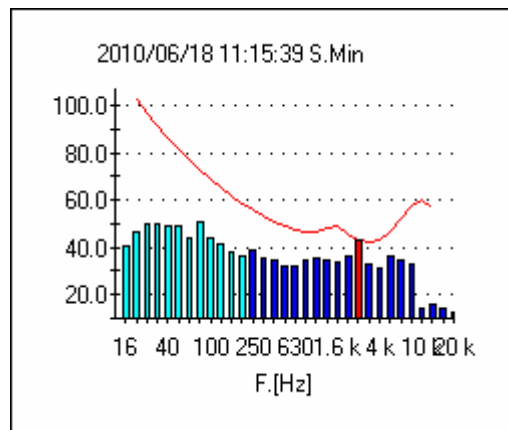
<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 100	0.0
Freq: 160	0.2
Freq: 200	0.1
Freq: 315	0.2
Freq: 400	0.1
Freq: 500	1.0
Freq: 630	0.1
Freq: 800	0.1
Freq: 2 k	0.1
Freq: 2.5 k	0.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

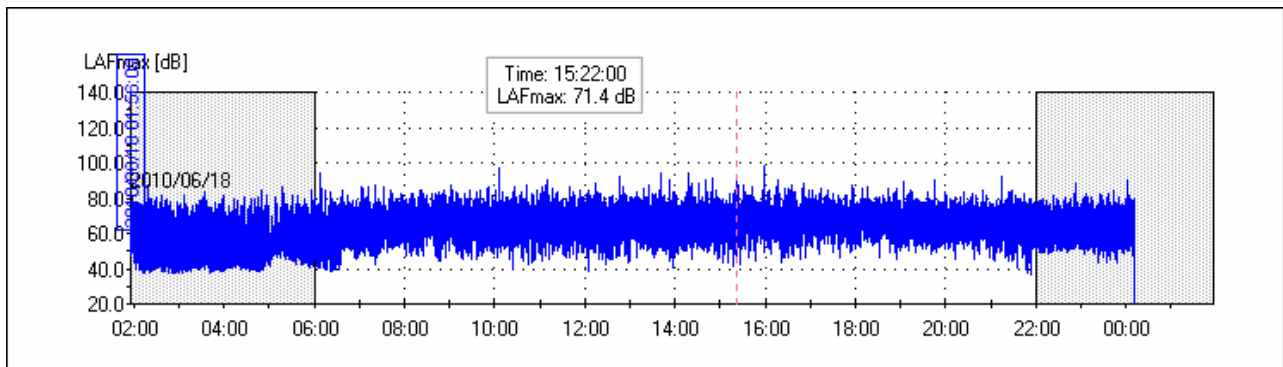
Freq: 3.15 k	0.1
Freq: 4 k	0.1
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

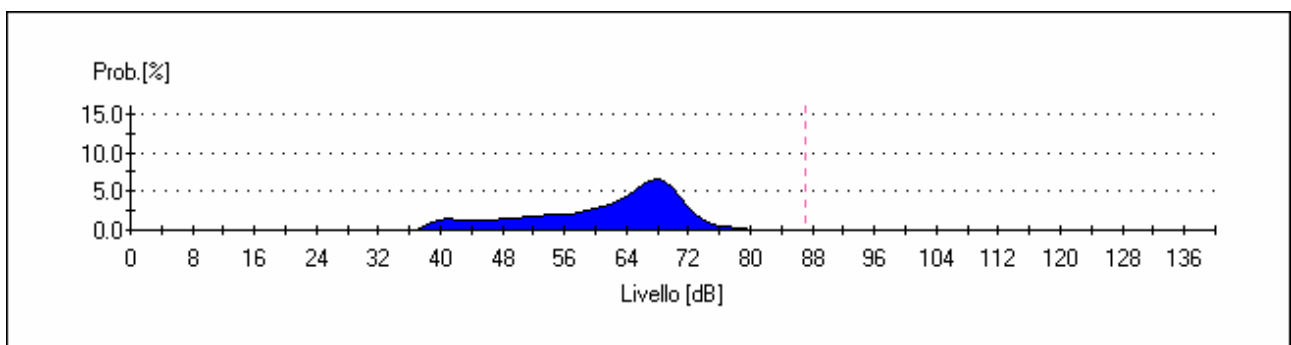
TIME HISTORY COMPONENTI TONALI



IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA





CUMULATIVA

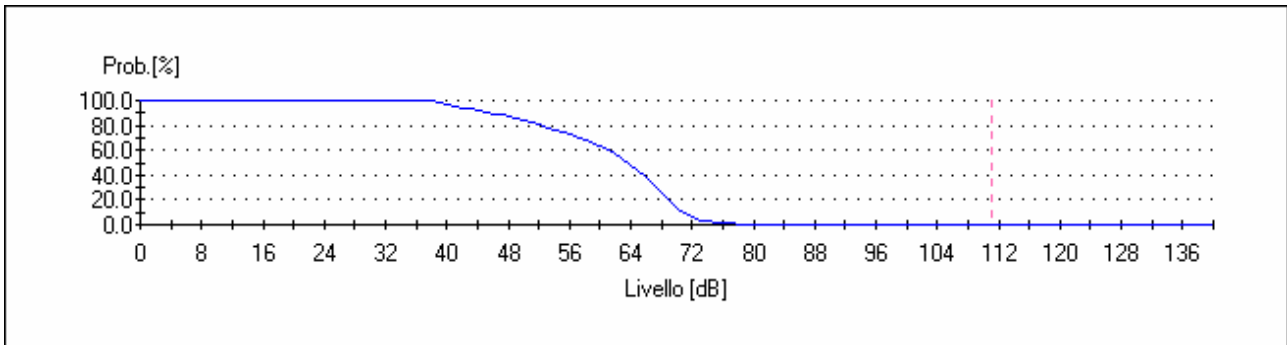
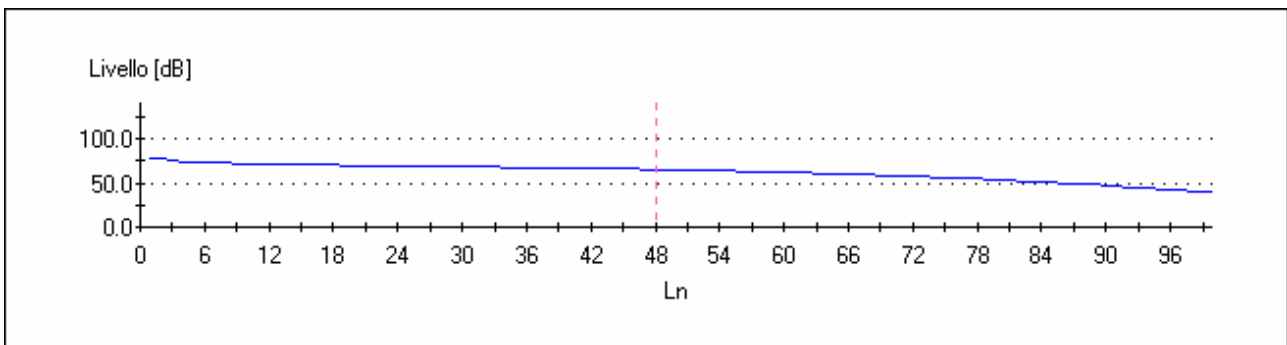


GRAFICO PERCENTILI



Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	77.0
1	77.0
2	75.0
3	74.0
4	73.5
5	73.0
6	72.7
7	72.3
8	72.0
9	71.8

10	71.6
11	71.4
12	71.2
13	71.0
14	70.8
15	70.6
16	70.4
17	70.2
18	70.0
19	69.8
20	69.7
21	69.5
22	69.3
23	69.2
24	69.0
25	68.9
26	68.7
27	68.6
28	68.4
29	68.3
30	68.1
31	68.0
32	67.8
33	67.7
34	67.5
35	67.3
36	67.2
37	67.0
38	66.8
39	66.7
40	66.5
41	66.3
42	66.2

43	66.0
44	65.8
45	65.6
46	65.4
47	65.2
48	65.0
49	64.8
50	64.5
51	64.3
52	64.0
53	63.8
54	63.5
55	63.3
56	63.0
57	62.7
58	62.3
59	62.0
60	61.7
61	61.3
62	61.0
63	60.7
64	60.3
65	60.0
66	59.5
67	59.0
68	58.7
69	58.3
70	58.0
71	57.5
72	57.0
73	56.5
74	56.0
75	55.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

76	55.0
77	54.5
78	54.0
79	53.5
80	53.0
81	52.0
82	51.5
83	51.0
84	50.5
85	50.0
86	49.0
87	48.5
88	48.0
89	47.0
90	46.0
91	45.0
92	44.5
93	44.0
94	43.0
95	42.0
96	41.5
97	41.0
98	40.0
99	39.0

LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	78.0
1	78.0
2	76.0
3	75.0
4	74.0

5	73.7
6	73.3
7	73.0
8	72.7
9	72.3
10	72.0
11	71.8
12	71.7
13	71.5
14	71.3
15	71.2
16	71.0
17	70.8
18	70.7
19	70.5
20	70.3
21	70.2
22	70.0
23	69.9
24	69.8
25	69.6
26	69.5
27	69.4
28	69.3
29	69.1
30	69.0
31	68.9
32	68.8
33	68.6
34	68.5
35	68.4
36	68.3
37	68.1

38	68.0
39	67.9
40	67.7
41	67.6
42	67.4
43	67.3
44	67.1
45	67.0
46	66.9
47	66.7
48	66.6
49	66.4
50	66.3
51	66.1
52	66.0
53	65.8
54	65.7
55	65.5
56	65.3
57	65.2
58	65.0
59	64.8
60	64.6
61	64.4
62	64.2
63	64.0
64	63.8
65	63.5
66	63.3
67	63.0
68	62.8
69	62.5
70	62.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

71	62.0
72	61.7
73	61.3
74	61.0
75	60.7
76	60.3
77	60.0
78	59.7
79	59.3
80	59.0
81	58.5
82	58.0
83	57.5
84	57.0
85	56.5
86	56.0
87	55.5
88	55.0
89	54.5
90	54.0
91	53.0
92	52.5
93	52.0
94	51.0
95	50.0
96	49.0
97	48.0
98	46.0
99	43.0

LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
------------	----------

0	75.0
1	75.0
2	73.0
3	72.0
4	71.5
5	71.0
6	70.5
7	70.0
8	69.7
9	69.3
10	69.0
11	68.7
12	68.3
13	68.0
14	67.7
15	67.3
16	67.0
17	66.7
18	66.3
19	66.0
20	65.7
21	65.3
22	65.0
23	64.7
24	64.3
25	64.0
26	63.5
27	63.0
28	62.7
29	62.3
30	62.0
31	61.5
32	61.0



33	60.5
34	60.0
35	59.5
36	59.0
37	58.5
38	58.0
39	57.5
40	57.0
41	56.5
42	56.0
43	55.7
44	55.3
45	55.0
46	54.5
47	54.0
48	53.7
49	53.3
50	53.0
51	52.7
52	52.3
53	52.0
54	51.7
55	51.3
56	51.0
57	50.7
58	50.3
59	50.0
60	49.7
61	49.3
62	49.0
63	48.7
64	48.3
65	48.0

66	47.7
67	47.3
68	47.0
69	46.7
70	46.3
71	46.0
72	45.8
73	45.5
74	45.3
75	45.0
76	44.7
77	44.3
78	44.0
79	43.8
80	43.5
81	43.3
82	43.0
83	42.8
84	42.5
85	42.3
86	42.0
87	41.8
88	41.6
89	41.4
90	41.2
91	41.0
92	40.8
93	40.5
94	40.3
95	40.0
96	39.7
97	39.3
98	39.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

99	38.0
----	------

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,4	84,1	86,9
98,1	93,7	97,1
95,2	92,2	94,6
99,3	95,1	98,1
92,5	88,9	92
91,3	87,3	90,4
<b>99,3</b>	<b>95,1</b>	<b>98,1</b>

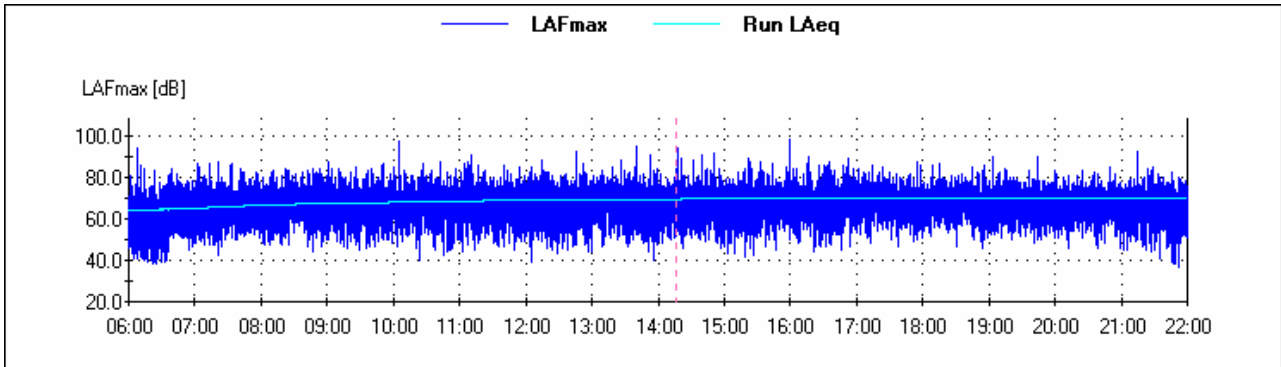
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
74,6	67,2	60
98,1	93,7	97,1
95,2	92,2	94,6
99,3	95,1	98,1
92,5	88,9	92
<b>99,3</b>	<b>95,1</b>	<b>98,1</b>

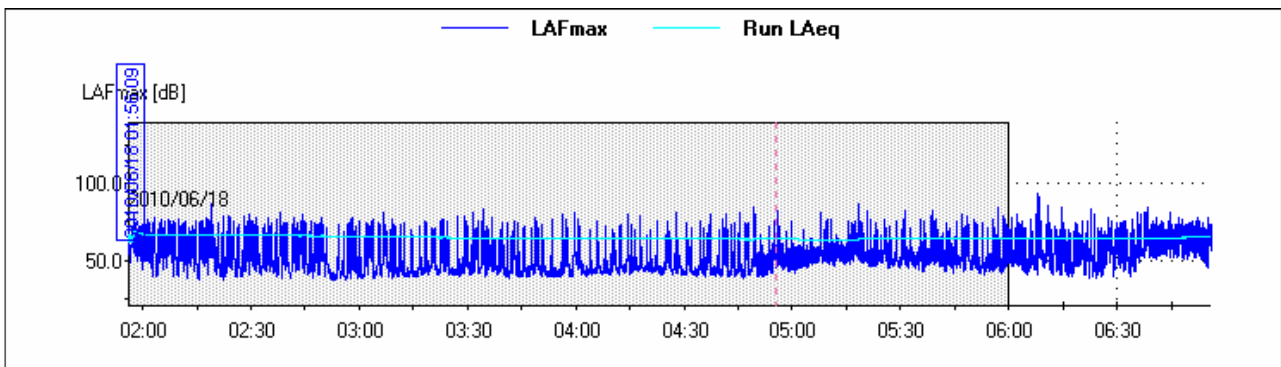
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,4	84,1	86,9
83,4	78,3	81,2
91,3	87,3	90,4
<b>91,3</b>	<b>87,3</b>	<b>90,4</b>

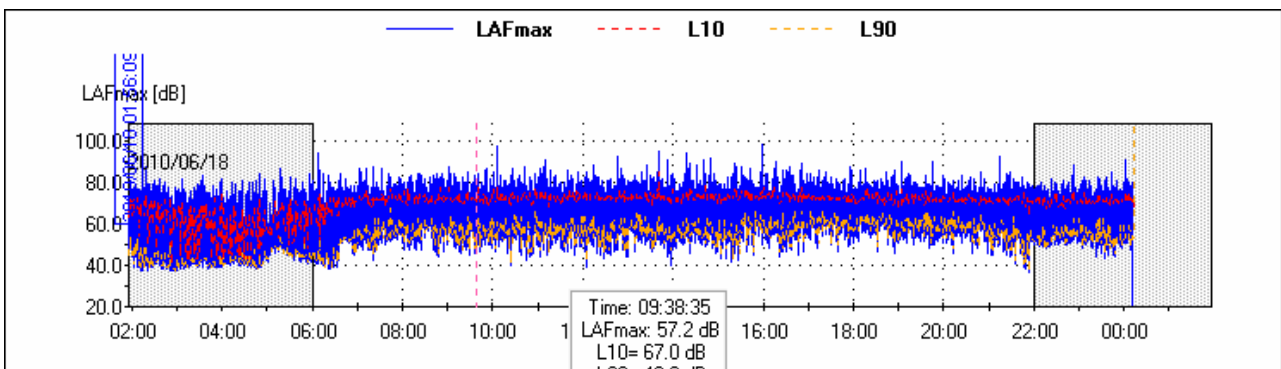
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTUNO**

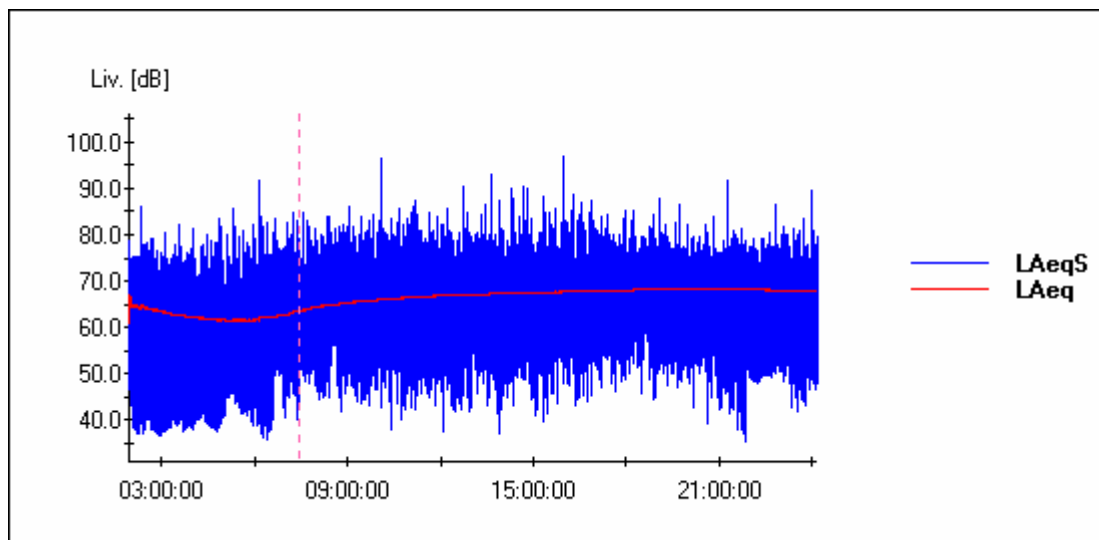


**TIME HISTORY L10 – L90**

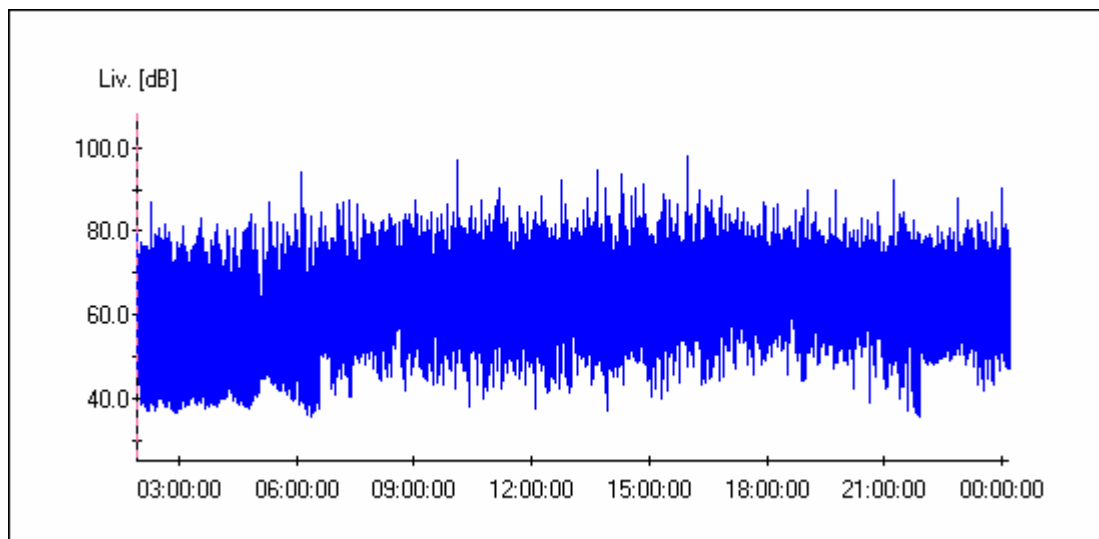


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_3_S	S.S. 113
Descrizione del punto di misura/ricettore		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede ad una distanza di mt.2,00 dal ciglio stradale ed mt 1,00 dal muro di cinta del fabbricato adiacente il ricettore</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input checked="" type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
Caratterizzazione delle sorgenti di rumore		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_3_S</b>	Indirizzo <b>S.S. 113</b>
-------	---------------------------	------------------------------

Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	19/06/10	67.6	0	0		67.6	55
Notte	22-6h	19/06/10	66.3	0	0	0	66.3	45

RISULTATI MISURE	
Codice misura	
Data inizio	19/06/2010
Ora inizio	1.55.25
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	67.3	67.6	66.3
L1	[dBA]	76.0	77.0	75.0
L5	[dBA]	72.0	72.5	70.0
L10	[dBA]	70.3	70.8	68.0
L50	[dBA]	61.3	62.8	54.7
L90	[dBA]	47.0	51.7	39.0
L95	[dBA]	42.0	48.5	37.3
L99	[dBA]	36.0	43.0	35.0
L <sub>I</sub> max	[dBA]	106.0	98.0	106.0
L <sub>F</sub> max	[dBA]	105.2	97.1	105.2
L <sub>S</sub> max	[dBA]	100.8	95.3	100.8
K <sub>I</sub>	[dBA]	0	0	0
K <sub>T</sub>	[dBA]	0	0	0
K <sub>B</sub>	[dBA]	0	0	0
L <sub>AeqTRC</sub>		67.3	67.6	66.3

Note:

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

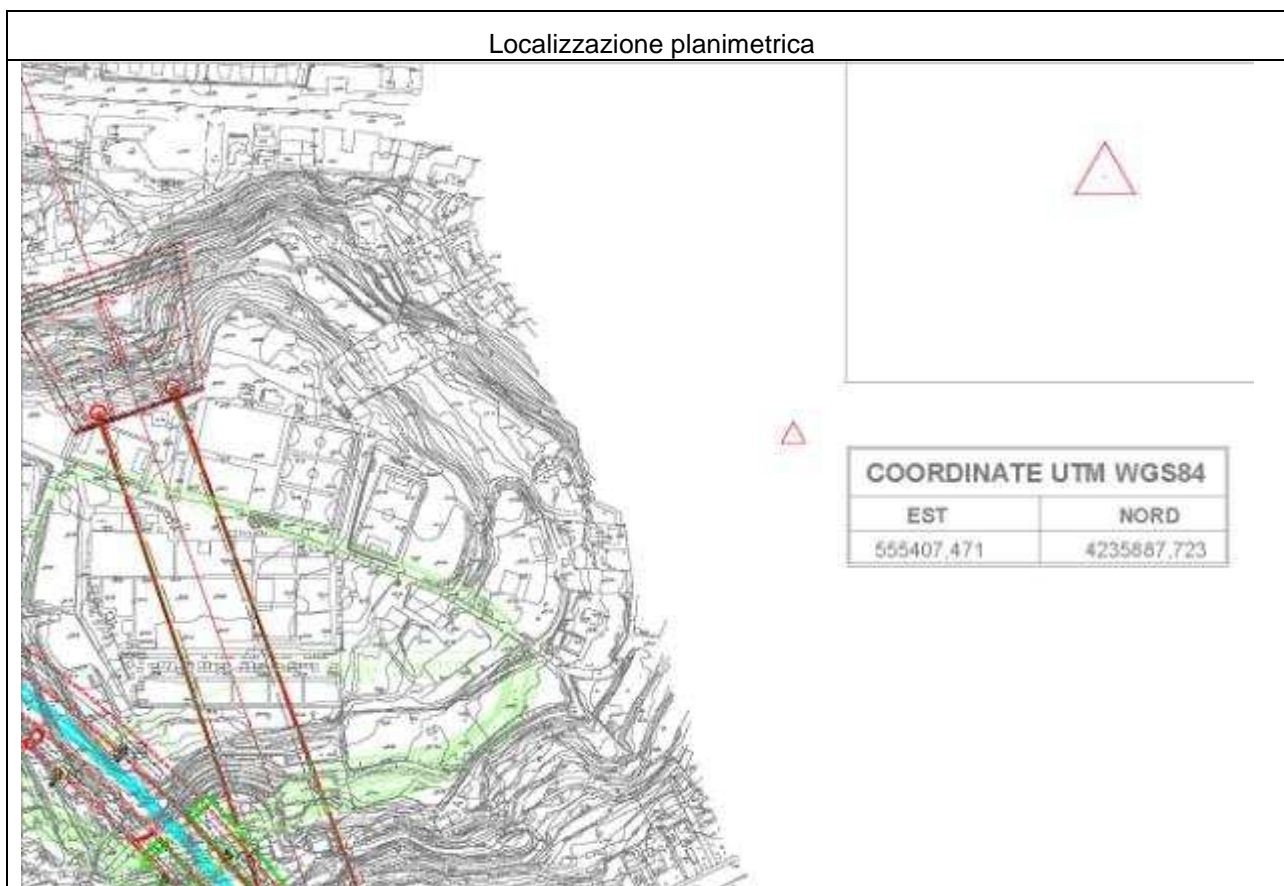
Punto	Ricettore	Indirizzo
	<b>R_3_S</b>	<b>S.S. 113</b>

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>42</b>	<b>128</b>	<b>147</b>	<b>182</b>	<b>124.8</b>	<b>67</b>	<b>51</b>	<b>59</b>
Veic. Pesanti / 10'	<b>2</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>11</b>	<b>14</b>	<b>29</b>	<b>18</b>	<b>18</b>	<b>15</b>	<b>5</b>	<b>10</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>NUV.</b>	<b>NUV.</b>	<b>PAZ. NUV</b>	<b>SER.</b>		<b>SER.</b>	<b>SER.</b>	
Temperatura	<b>25.3</b>	<b>26.3</b>	<b>30.3</b>	<b>24.9</b>	<b>26.7</b>	<b>24</b>	<b>22.8</b>	<b>23.4</b>
Umidità relativa	<b>53</b>	<b>64</b>	<b>64</b>	<b>83</b>	<b>66</b>	<b>68</b>	<b>76</b>	<b>72</b>
Velocità vento	<b>3.1</b>	<b>4</b>	<b>3.3</b>	<b>4.9</b>	<b>3.825</b>	<b>4.4</b>	<b>5.2</b>	<b>4.8</b>
Direzione vento	<b>W S W</b>	<b>W</b>	<b>W S W</b>	<b>W S W</b>		<b>E S E</b>	<b>S E</b>	



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

<b>Punto</b>	<b>Ricettore</b> <b>R_3_S</b>	<b>Indirizzo</b> <b>S.S. 113</b>
--------------	----------------------------------	-------------------------------------



<b>DATA</b>	<b>Tecnico competente: Studio tecnico ing. Giovanni Chiovetta</b>	
	<b>geom. Antonino Campione</b>	<b>Ing. Giovanni Chiovetta</b>

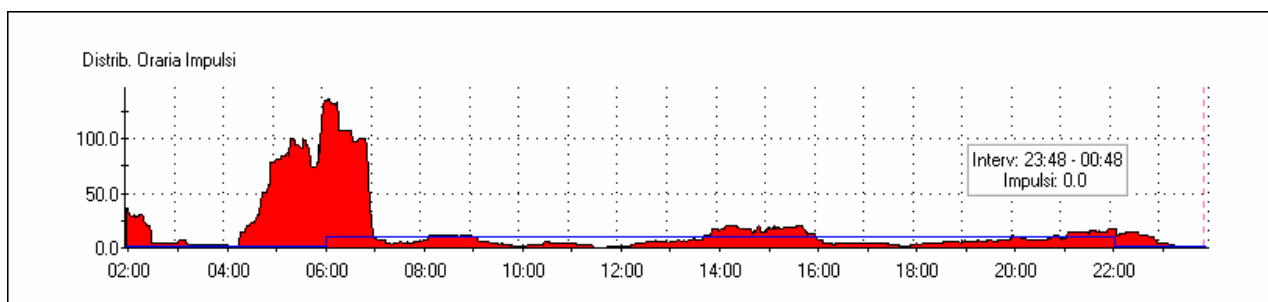
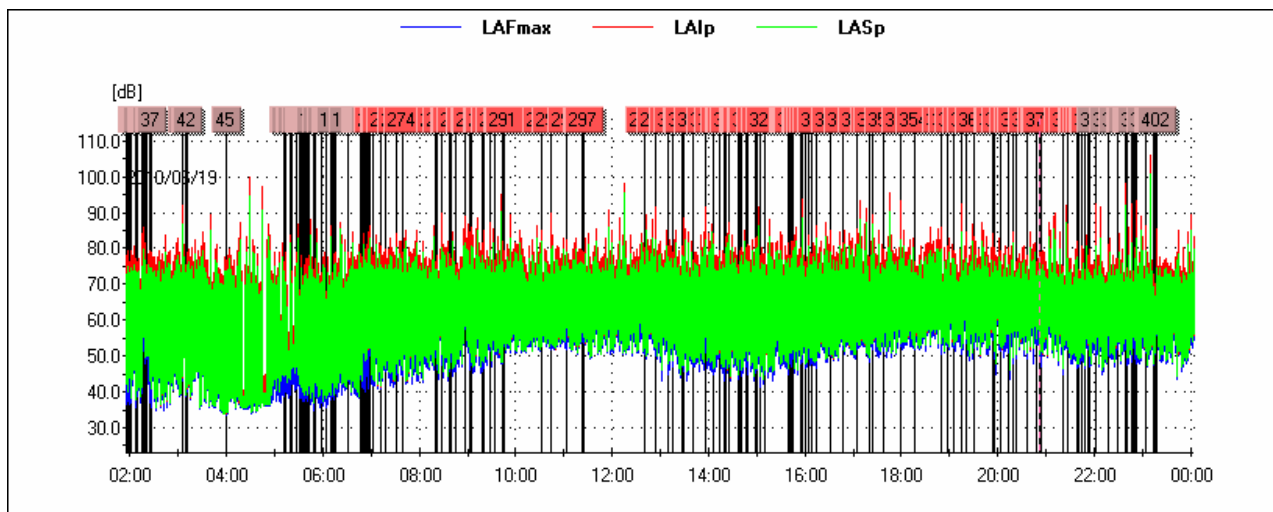
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/06/19 01:56:25	0.750	58.7	8.1
2	2010/06/19 01:57:06	0.875	58.3	9.0
3	2010/06/19 01:57:11	0.750	61.1	7.9
4	2010/06/19 01:58:20	1.000	61.7	6.4
5	2010/06/19 01:58:54	1.000	61.6	8.1
6	2010/06/19 02:00:18	0.625	69.7	10.6
7	2010/06/19 02:00:20	0.750	67.9	6.8
8	2010/06/19 02:00:22	0.875	68.7	7.3
9	2010/06/19 02:06:54	1.000	56.9	9.2
10	2010/06/19 02:07:11	0.625	56.2	9.8
11	2010/06/19 02:07:56	0.625	60.8	10.4
12	2010/06/19 02:08:03	0.625	61.4	11.9
13	2010/06/19 02:15:14	0.625	76.6	9.6
14	2010/06/19 02:16:39	0.875	69.8	8.3
15	2010/06/19 02:16:56	1.000	85.1	6.1
16	2010/06/19 02:16:58	0.750	80.9	6.4
17	2010/06/19 02:17:00	0.875	73.7	6.6
18	2010/06/19 02:17:37	0.625	79.5	8.4
19	2010/06/19 02:18:55	0.875	73.7	6.9
20	2010/06/19 02:19:11	0.625	69.5	6.9
21	2010/06/19 02:20:47	0.750	61.6	8.4
22	2010/06/19 02:24:08	0.625	64.0	12.1
23	2010/06/19 02:24:10	0.625	53.7	13.2
24	2010/06/19 02:24:45	0.625	57.7	8.1
25	2010/06/19 02:24:49	0.750	68.4	10.4
26	2010/06/19 02:25:20	0.500	65.7	11.0
27	2010/06/19 02:26:14	1.000	53.9	7.7
28	2010/06/19 02:26:21	0.875	59.4	9.1
29	2010/06/19 02:26:24	0.750	55.8	8.3
30	2010/06/19 02:26:25	0.875	58.2	9.2

31	2010/06/19 02:26:26	0.750	56.0	7.2
32	2010/06/19 02:26:28	0.750	63.9	10.5
33	2010/06/19 02:26:35	1.000	54.1	6.8
34	2010/06/19 02:26:38	1.000	54.4	8.9
35	2010/06/19 02:26:46	0.750	59.7	7.1
36	2010/06/19 02:26:49	0.750	55.2	8.2
37	2010/06/19 02:26:52	0.750	63.8	9.7
38	2010/06/19 03:05:35	0.875	66.3	7.3
39	2010/06/19 03:08:33	1.000	64.1	7.4
40	2010/06/19 03:08:51	1.000	72.2	6.9
41	2010/06/19 03:08:56	0.875	61.4	7.8
42	2010/06/19 03:11:56	0.750	55.8	9.2
43	2010/06/19 03:59:00	0.750	54.7	8.6
44	2010/06/19 03:59:34	0.750	54.2	8.6
45	2010/06/19 03:59:36	0.625	59.3	10.7
46	2010/06/19 05:12:30	1.000	72.5	7.8
47	2010/06/19 05:12:32	0.750	68.0	8.2
48	2010/06/19 05:12:43	0.750	59.5	8.9
49	2010/06/19 05:12:44	0.625	63.2	9.8
50	2010/06/19 05:13:24	0.625	67.1	10.1
51	2010/06/19 05:13:24	0.625	74.8	9.8
52	2010/06/19 05:13:26	1.000	66.6	9.5
53	2010/06/19 05:13:28	0.750	71.8	8.4
54	2010/06/19 05:13:29	0.875	74.8	7.8
55	2010/06/19 05:13:30	0.750	75.7	7.4
56	2010/06/19 05:13:35	0.625	73.7	6.4
57	2010/06/19 05:13:37	0.625	67.5	7.3
58	2010/06/19 05:13:41	0.750	73.8	8.9
59	2010/06/19 05:13:49	1.000	74.0	7.8
60	2010/06/19 05:13:55	0.625	70.8	6.4
61	2010/06/19 05:19:55	0.750	57.4	9.2
62	2010/06/19 05:21:05	0.750	60.3	7.9
63	2010/06/19 05:21:07	0.750	60.1	8.8

64	2010/06/19 05:21:14	0.625	60.9	8.7
65	2010/06/19 05:21:16	0.625	60.6	9.1
66	2010/06/19 05:21:19	0.875	59.0	8.8
67	2010/06/19 05:26:33	0.875	59.2	6.9
68	2010/06/19 05:27:11	0.875	57.8	8.2
69	2010/06/19 05:27:14	0.875	55.4	6.7
70	2010/06/19 05:31:50	0.750	53.0	8.0
71	2010/06/19 05:31:57	0.750	54.2	8.1
72	2010/06/19 05:32:22	0.750	54.5	6.7
73	2010/06/19 05:34:42	0.875	57.8	9.0
74	2010/06/19 05:34:49	0.625	58.3	8.2
75	2010/06/19 05:34:50	0.750	57.3	7.4
76	2010/06/19 05:34:51	0.750	58.7	7.9
77	2010/06/19 05:35:25	0.875	54.8	8.0
78	2010/06/19 05:37:11	0.750	51.0	9.8
79	2010/06/19 05:37:45	1.000	53.9	10.0
80	2010/06/19 05:37:49	0.750	52.0	7.1
81	2010/06/19 05:37:52	0.750	52.2	8.0
82	2010/06/19 05:38:00	0.750	51.3	6.9
83	2010/06/19 05:38:01	0.750	54.6	8.5
84	2010/06/19 05:38:04	0.875	56.0	6.8
85	2010/06/19 05:38:06	0.875	54.3	6.9
86	2010/06/19 05:39:28	0.750	54.0	8.4
87	2010/06/19 05:39:37	0.750	54.0	7.7
88	2010/06/19 05:40:03	0.750	54.7	6.4
89	2010/06/19 05:40:04	0.625	55.2	6.8
90	2010/06/19 05:40:06	0.750	55.0	7.1
91	2010/06/19 05:40:07	0.875	55.0	7.3
92	2010/06/19 05:40:09	0.750	55.8	7.3
93	2010/06/19 05:40:14	1.000	51.8	7.1
94	2010/06/19 05:40:15	0.750	54.4	7.6
95	2010/06/19 05:40:17	0.750	54.3	7.6
96	2010/06/19 05:40:18	0.875	54.6	7.2

97	2010/06/19 05:41:55	0.750	57.8	9.8
98	2010/06/19 05:48:05	1.000	50.1	7.4
99	2010/06/19 05:48:12	0.875	49.3	6.5
100	2010/06/19 05:48:13	0.875	49.6	6.8
101	2010/06/19 05:48:15	1.000	48.8	6.8
102	2010/06/19 05:48:18	0.875	49.6	6.9
103	2010/06/19 05:48:19	0.875	49.8	6.4
104	2010/06/19 05:48:42	1.000	50.4	7.1
105	2010/06/19 05:50:04	0.750	56.3	6.8
106	2010/06/19 05:50:05	0.750	56.1	7.5
107	2010/06/19 05:50:07	0.750	55.2	8.6
108	2010/06/19 05:50:08	0.625	56.4	8.6
109	2010/06/19 05:50:10	0.750	57.2	8.4
110	2010/06/19 05:50:12	0.625	57.0	8.5
111	2010/06/19 05:50:13	0.750	55.8	8.2
112	2010/06/19 05:50:15	0.750	55.9	8.3
113	2010/06/19 05:50:16	0.750	57.1	8.0
114	2010/06/19 05:50:18	0.750	53.4	7.1
115	2010/06/19 05:50:19	1.000	52.1	7.4
116	2010/06/19 05:50:20	1.000	54.1	8.7
117	2010/06/19 05:50:22	0.625	56.1	9.3
118	2010/06/19 05:50:23	0.625	57.3	9.1
119	2010/06/19 05:50:24	0.750	55.9	7.9
120	2010/06/19 05:50:25	0.750	54.4	7.2
121	2010/06/19 05:50:26	0.750	56.2	8.1
122	2010/06/19 05:50:28	0.750	55.4	7.8
123	2010/06/19 05:50:29	0.625	56.0	8.1
124	2010/06/19 05:50:31	0.750	54.7	7.8
125	2010/06/19 05:50:41	0.750	56.8	7.6
126	2010/06/19 05:57:38	0.875	52.7	8.5
127	2010/06/19 05:57:45	1.000	50.7	6.5
128	2010/06/19 06:04:23	0.875	51.0	8.5
129	2010/06/19 06:04:29	0.750	53.4	9.2



130	2010/06/19 06:04:31	0.750	56.2	9.1
131	2010/06/19 06:04:32	0.625	57.9	8.3
132	2010/06/19 06:10:23	0.625	56.1	8.9
133	2010/06/19 06:10:26	0.750	50.8	8.1
134	2010/06/19 06:12:25	1.000	51.0	6.4
135	2010/06/19 06:12:27	0.750	55.1	8.4
136	2010/06/19 06:12:28	0.625	54.2	7.1
137	2010/06/19 06:12:29	0.750	56.2	8.5
138	2010/06/19 06:13:10	0.750	53.7	7.5
139	2010/06/19 06:13:13	0.625	53.5	8.7
140	2010/06/19 06:13:18	0.625	53.7	7.6
141	2010/06/19 06:13:19	0.750	53.0	7.2
142	2010/06/19 06:13:21	0.875	52.8	7.0
143	2010/06/19 06:13:25	0.875	56.1	7.7
144	2010/06/19 06:13:57	0.750	51.3	8.2
145	2010/06/19 06:13:59	0.875	50.6	7.9
146	2010/06/19 06:14:28	0.875	50.0	8.7
147	2010/06/19 06:14:30	0.875	51.4	9.0
148	2010/06/19 06:14:32	0.750	52.3	8.6
149	2010/06/19 06:14:32	0.750	53.4	8.4
150	2010/06/19 06:14:34	0.750	52.6	7.5
151	2010/06/19 06:14:35	0.875	52.8	8.6
152	2010/06/19 06:14:37	0.750	52.8	8.5
153	2010/06/19 06:14:39	0.750	53.4	9.3
154	2010/06/19 06:14:41	0.750	55.0	9.2
155	2010/06/19 06:14:43	0.625	55.8	9.2
156	2010/06/19 06:14:45	0.750	55.3	9.1
157	2010/06/19 06:14:46	0.625	55.6	9.0
158	2010/06/19 06:14:47	0.875	54.4	7.7
159	2010/06/19 06:14:50	0.625	55.7	8.7
160	2010/06/19 06:14:51	0.750	56.1	8.5
161	2010/06/19 06:14:53	0.750	54.7	7.8
162	2010/06/19 06:30:37	0.625	68.7	6.5

163	2010/06/19 06:30:38	0.625	69.3	8.2
164	2010/06/19 06:30:39	0.625	67.9	7.5
165	2010/06/19 06:30:44	0.625	71.5	8.4
166	2010/06/19 06:30:45	0.750	70.3	8.2
167	2010/06/19 06:30:46	0.625	67.8	7.9
168	2010/06/19 06:30:47	0.625	69.2	7.8
169	2010/06/19 06:30:48	0.625	69.9	9.2
170	2010/06/19 06:30:49	0.625	66.0	7.8
171	2010/06/19 06:30:51	0.625	67.1	9.3
172	2010/06/19 06:30:51	0.625	71.4	10.1
173	2010/06/19 06:32:06	0.875	54.2	11.4
174	2010/06/19 06:46:45	0.875	63.8	8.8
175	2010/06/19 06:47:36	1.000	72.1	9.9
176	2010/06/19 06:47:39	0.750	61.5	6.4
177	2010/06/19 06:47:44	0.625	71.7	10.7
178	2010/06/19 06:48:17	1.000	68.7	7.4
179	2010/06/19 06:48:19	1.000	70.6	8.0
180	2010/06/19 06:48:20	0.750	68.6	7.3
181	2010/06/19 06:48:22	0.750	67.1	8.1
182	2010/06/19 06:48:23	0.625	69.2	9.5
183	2010/06/19 06:48:24	0.750	58.4	8.6
184	2010/06/19 06:48:39	0.750	63.6	8.5
185	2010/06/19 06:48:41	1.000	72.6	10.2
186	2010/06/19 06:49:22	0.625	70.4	7.0
187	2010/06/19 06:49:23	0.750	69.5	6.7
188	2010/06/19 06:49:28	0.750	69.5	6.4
189	2010/06/19 06:49:29	0.750	70.7	7.7
190	2010/06/19 06:49:33	0.750	70.1	6.5
191	2010/06/19 06:49:34	0.625	68.9	6.2
192	2010/06/19 06:49:35	0.625	69.5	7.1
193	2010/06/19 06:49:36	0.750	70.8	7.2
194	2010/06/19 06:49:47	0.750	68.5	6.3
195	2010/06/19 06:49:48	0.750	69.9	7.0

196	2010/06/19 06:49:49	0.750	69.3	6.6
197	2010/06/19 06:49:50	0.750	68.3	6.3
198	2010/06/19 06:49:51	0.750	69.6	6.9
199	2010/06/19 06:49:56	0.750	69.0	6.3
200	2010/06/19 06:49:57	0.750	70.3	7.7
201	2010/06/19 06:49:59	0.750	69.6	8.4
202	2010/06/19 06:50:00	0.625	70.8	8.3
203	2010/06/19 06:50:01	0.750	70.4	7.6
204	2010/06/19 06:50:05	0.625	69.7	7.4
205	2010/06/19 06:50:06	0.750	69.8	7.4
206	2010/06/19 06:50:07	0.625	69.4	7.4
207	2010/06/19 06:50:08	0.750	70.4	7.7
208	2010/06/19 06:50:09	0.750	70.1	7.4
209	2010/06/19 06:50:22	0.875	69.0	6.1
210	2010/06/19 06:50:23	0.750	68.6	6.4
211	2010/06/19 06:50:24	0.750	69.3	6.3
212	2010/06/19 06:50:25	0.750	69.0	6.5
213	2010/06/19 06:50:29	0.750	69.4	8.2
214	2010/06/19 06:50:30	0.750	72.8	8.3
215	2010/06/19 06:50:39	0.750	69.2	6.2
216	2010/06/19 06:51:01	0.750	71.0	9.0
217	2010/06/19 06:51:02	0.750	68.9	7.4
218	2010/06/19 06:51:03	0.625	70.1	7.4
219	2010/06/19 06:51:10	0.750	68.6	6.1
220	2010/06/19 06:51:16	0.750	69.9	8.9
221	2010/06/19 06:51:18	0.750	71.8	7.1
222	2010/06/19 06:51:38	0.750	69.8	6.2
223	2010/06/19 06:51:39	1.000	73.5	7.4
224	2010/06/19 06:51:47	1.000	74.2	8.8
225	2010/06/19 06:51:52	0.875	76.0	8.8
226	2010/06/19 06:51:55	1.000	72.0	8.2
227	2010/06/19 06:51:56	0.750	70.7	7.2
228	2010/06/19 06:51:57	0.625	71.4	6.9

229	2010/06/19 06:52:01	0.625	71.5	6.7
230	2010/06/19 06:52:05	0.625	72.3	9.1
231	2010/06/19 06:52:11	0.625	69.5	10.0
232	2010/06/19 06:52:17	0.625	70.4	7.1
233	2010/06/19 06:52:27	0.750	71.2	6.4
234	2010/06/19 06:52:45	0.750	72.3	9.0
235	2010/06/19 06:52:46	0.750	69.8	6.8
236	2010/06/19 06:52:52	0.750	70.5	8.0
237	2010/06/19 06:52:56	0.750	71.9	7.4
238	2010/06/19 06:53:00	0.625	71.9	6.1
239	2010/06/19 06:53:02	0.750	71.5	6.6
240	2010/06/19 06:53:03	0.625	71.2	7.7
241	2010/06/19 06:53:13	0.750	70.1	7.7
242	2010/06/19 06:53:22	0.750	71.0	7.8
243	2010/06/19 06:53:23	0.750	72.0	8.1
244	2010/06/19 06:53:24	0.750	72.2	7.8
245	2010/06/19 06:53:28	0.750	69.3	8.6
246	2010/06/19 06:53:40	0.625	64.9	10.3
247	2010/06/19 06:54:04	1.000	74.4	6.5
248	2010/06/19 06:54:11	0.750	73.1	8.0
249	2010/06/19 06:54:14	0.750	72.2	9.1
250	2010/06/19 06:54:15	1.000	75.7	7.9
251	2010/06/19 06:54:30	1.000	72.1	8.0
252	2010/06/19 06:54:36	0.750	70.0	9.7
253	2010/06/19 06:54:42	0.750	74.1	8.9
254	2010/06/19 06:55:03	0.750	72.6	8.8
255	2010/06/19 06:55:18	0.625	74.1	7.7
256	2010/06/19 06:55:22	0.875	75.6	9.0
257	2010/06/19 06:55:24	0.625	71.6	7.8
258	2010/06/19 06:55:24	0.875	73.8	7.4
259	2010/06/19 06:56:01	0.750	73.6	9.5
260	2010/06/19 06:56:18	1.000	71.1	8.2
261	2010/06/19 06:56:24	0.750	68.9	7.2

262	2010/06/19 06:56:25	1.000	72.5	6.9
263	2010/06/19 06:56:46	0.750	72.6	6.7
264	2010/06/19 06:56:52	0.750	71.8	9.4
265	2010/06/19 06:57:54	0.750	73.7	7.4
266	2010/06/19 07:01:32	0.875	68.6	8.2
267	2010/06/19 07:01:36	0.750	66.2	9.7
268	2010/06/19 07:11:10	0.875	57.0	7.9
269	2010/06/19 07:11:11	0.625	66.2	8.4
270	2010/06/19 07:11:14	0.750	62.3	8.2
271	2010/06/19 07:18:47	0.750	62.9	9.8
272	2010/06/19 07:31:37	0.625	76.2	10.4
273	2010/06/19 07:38:38	1.000	59.2	8.3
274	2010/06/19 07:38:42	0.875	55.3	7.9
275	2010/06/19 08:20:42	1.000	70.0	6.9
276	2010/06/19 08:21:06	1.000	71.5	6.9
277	2010/06/19 08:27:39	0.750	87.8	9.6
278	2010/06/19 08:37:34	0.875	61.4	8.3
279	2010/06/19 08:39:29	0.750	62.9	9.0
280	2010/06/19 08:45:56	0.875	64.2	11.0
281	2010/06/19 08:56:11	1.000	87.0	7.5
282	2010/06/19 09:02:27	0.750	67.8	9.0
283	2010/06/19 09:03:00	0.750	65.5	7.9
284	2010/06/19 09:03:28	1.000	69.8	8.8
285	2010/06/19 09:04:51	0.750	72.5	7.1
286	2010/06/19 09:18:35	0.875	59.8	9.1
287	2010/06/19 09:20:57	0.875	82.8	9.1
288	2010/06/19 09:28:21	0.625	83.2	11.7
289	2010/06/19 09:34:53	0.875	73.4	8.1
290	2010/06/19 09:42:44	0.750	66.4	7.3
291	2010/06/19 09:46:10	1.000	77.1	7.2
292	2010/06/19 10:31:20	0.875	66.9	10.6
293	2010/06/19 10:43:39	0.625	87.4	10.3
294	2010/06/19 11:03:10	0.875	64.2	7.8

295	2010/06/19 11:23:31	0.625	73.3	9.2
296	2010/06/19 11:23:33	0.750	68.8	7.0
297	2010/06/19 11:24:08	0.875	72.1	6.3
298	2010/06/19 12:41:15	0.625	68.8	8.9
299	2010/06/19 12:54:07	1.000	88.8	9.3
300	2010/06/19 13:10:00	0.750	57.0	8.3
301	2010/06/19 13:15:44	1.000	60.3	9.6
302	2010/06/19 13:28:01	0.750	74.7	8.9
303	2010/06/19 13:28:12	0.625	85.2	11.3
304	2010/06/19 13:40:57	0.750	69.1	7.2
305	2010/06/19 13:56:28	0.625	89.1	9.1
306	2010/06/19 14:06:22	0.750	66.8	12.2
307	2010/06/19 14:13:10	1.000	64.0	6.4
308	2010/06/19 14:19:05	0.875	57.1	9.4
309	2010/06/19 14:22:23	0.875	70.9	8.4
310	2010/06/19 14:25:16	0.625	78.9	8.7
311	2010/06/19 14:37:43	1.000	64.9	6.6
312	2010/06/19 14:37:45	0.750	61.7	6.9
313	2010/06/19 14:38:39	0.750	63.0	6.7
314	2010/06/19 14:38:40	0.625	63.9	8.0
315	2010/06/19 14:41:53	0.875	56.5	10.1
316	2010/06/19 14:47:41	1.000	68.2	8.5
317	2010/06/19 14:48:39	1.000	68.5	8.1
318	2010/06/19 14:48:45	0.875	66.7	9.0
319	2010/06/19 14:48:47	1.000	67.4	8.5
320	2010/06/19 14:48:51	0.750	66.2	8.2
321	2010/06/19 14:49:37	0.750	62.1	8.7
322	2010/06/19 14:59:23	0.750	69.8	6.5
323	2010/06/19 14:59:26	0.750	69.4	9.6
324	2010/06/19 15:05:01	1.000	70.3	9.0
325	2010/06/19 15:05:04	1.000	67.6	7.4
326	2010/06/19 15:05:06	0.750	68.4	9.6
327	2010/06/19 15:10:17	1.000	59.9	9.2

328	2010/06/19 15:39:37	0.750	71.5	7.8
329	2010/06/19 15:40:00	0.875	72.7	7.7
330	2010/06/19 15:40:54	1.000	74.2	9.0
331	2010/06/19 15:42:09	0.750	62.1	8.0
332	2010/06/19 15:43:50	0.750	77.3	7.3
333	2010/06/19 15:44:57	1.000	72.0	8.2
334	2010/06/19 15:45:00	0.750	70.4	9.6
335	2010/06/19 15:45:01	0.750	72.3	8.5
336	2010/06/19 15:55:38	0.625	73.8	9.7
337	2010/06/19 15:55:46	0.875	72.0	6.6
338	2010/06/19 15:55:56	0.750	72.2	8.2
339	2010/06/19 15:56:03	0.625	71.5	8.7
340	2010/06/19 15:57:28	0.875	60.9	9.4
341	2010/06/19 16:00:13	0.625	66.8	9.7
342	2010/06/19 16:04:03	0.625	66.0	7.7
343	2010/06/19 16:04:06	0.875	64.9	7.0
344	2010/06/19 16:04:36	0.875	66.9	9.5
345	2010/06/19 16:07:40	0.875	60.6	6.5
346	2010/06/19 16:15:06	0.875	71.9	10.0
347	2010/06/19 16:31:09	0.750	83.6	7.9
348	2010/06/19 16:46:34	0.625	74.7	9.5
349	2010/06/19 17:05:09	1.000	74.3	7.2
350	2010/06/19 17:19:56	0.625	73.8	11.2
351	2010/06/19 17:24:26	1.000	67.0	8.3
352	2010/06/19 17:37:44	0.750	76.7	9.1
353	2010/06/19 17:59:02	0.625	90.1	10.7
354	2010/06/19 18:16:50	1.000	71.6	6.7
355	2010/06/19 18:50:39	1.000	69.6	8.8
356	2010/06/19 18:57:53	0.750	67.4	7.6
357	2010/06/19 19:04:51	0.875	65.0	8.1
358	2010/06/19 19:15:47	0.875	90.5	7.9
359	2010/06/19 19:20:17	0.625	82.6	9.3
360	2010/06/19 19:30:43	0.625	80.6	9.6

361	2010/06/19 19:53:54	0.625	80.6	11.6
362	2010/06/19 19:56:21	0.750	67.5	8.4
363	2010/06/19 20:04:05	0.625	68.9	9.8
364	2010/06/19 20:12:31	0.625	70.7	8.1
365	2010/06/19 20:20:00	0.625	69.3	9.7
366	2010/06/19 20:23:41	0.875	66.0	7.8
367	2010/06/19 20:37:25	0.875	62.5	9.0
368	2010/06/19 20:48:25	1.000	74.3	6.9
369	2010/06/19 20:52:48	0.750	64.4	8.5
370	2010/06/19 20:52:50	0.750	71.9	10.3
371	2010/06/19 20:54:33	0.750	62.5	8.9
372	2010/06/19 20:54:34	0.625	63.5	8.9
373	2010/06/19 21:22:10	0.625	63.0	11.0
374	2010/06/19 21:27:37	0.750	83.9	9.5
375	2010/06/19 21:37:58	0.750	62.7	10.6
376	2010/06/19 21:38:02	0.875	62.8	10.2
377	2010/06/19 21:41:36	0.875	61.3	7.4
378	2010/06/19 21:45:20	1.000	63.5	7.8
379	2010/06/19 21:48:06	0.750	67.5	6.3
380	2010/06/19 21:52:54	0.875	67.5	8.8
381	2010/06/19 21:55:11	1.000	78.0	6.8
382	2010/06/19 22:01:27	0.750	88.2	11.7
383	2010/06/19 22:01:34	0.625	76.6	8.5
384	2010/06/19 22:01:35	0.875	77.4	8.1
385	2010/06/19 22:01:38	1.000	75.3	8.4
386	2010/06/19 22:01:43	1.000	70.9	6.1
387	2010/06/19 22:18:05	1.000	78.0	7.7
388	2010/06/19 22:29:46	0.750	64.9	6.8
389	2010/06/19 22:29:48	0.625	70.8	10.9
390	2010/06/19 22:29:49	0.750	71.1	10.2
391	2010/06/19 22:38:17	0.625	93.4	11.6
392	2010/06/19 22:40:58	0.875	61.3	8.4
393	2010/06/19 22:47:03	0.625	89.5	10.6



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx		<i>Rev</i> F0	<i>Data</i> 20/06/2011

394	2010/06/19 22:48:28	0.750	69.5	10.0
395	2010/06/19 22:50:28	0.875	66.4	6.3
396	2010/06/19 22:51:52	0.875	69.0	8.1
397	2010/06/19 22:51:53	0.875	67.7	8.8
398	2010/06/19 22:52:49	0.500	72.1	11.7
399	2010/06/19 23:05:06	0.750	84.8	7.1
400	2010/06/19 23:13:38	0.750	60.0	8.6
401	2010/06/19 23:15:20	0.500	66.1	11.4
402	2010/06/19 23:18:07	0.625	82.4	10.7

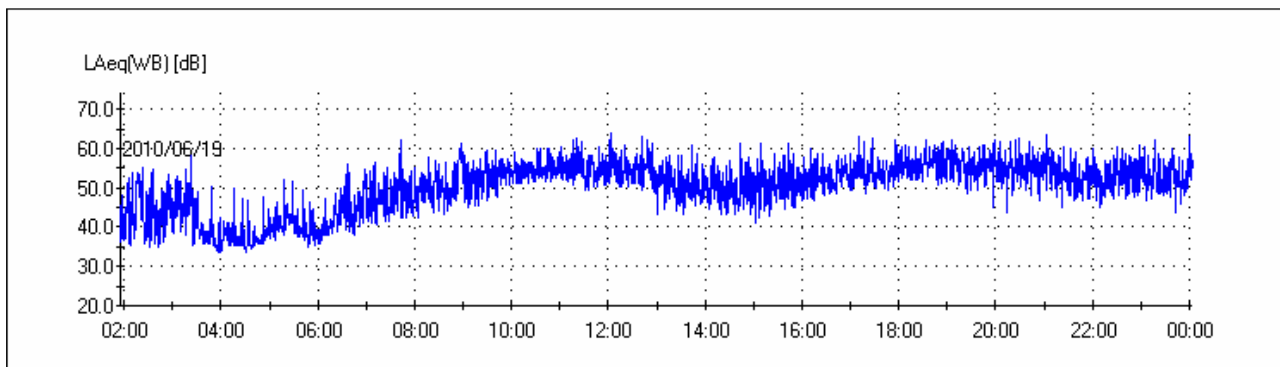
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

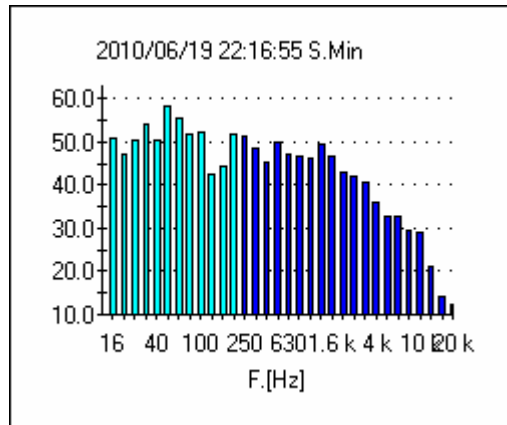


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

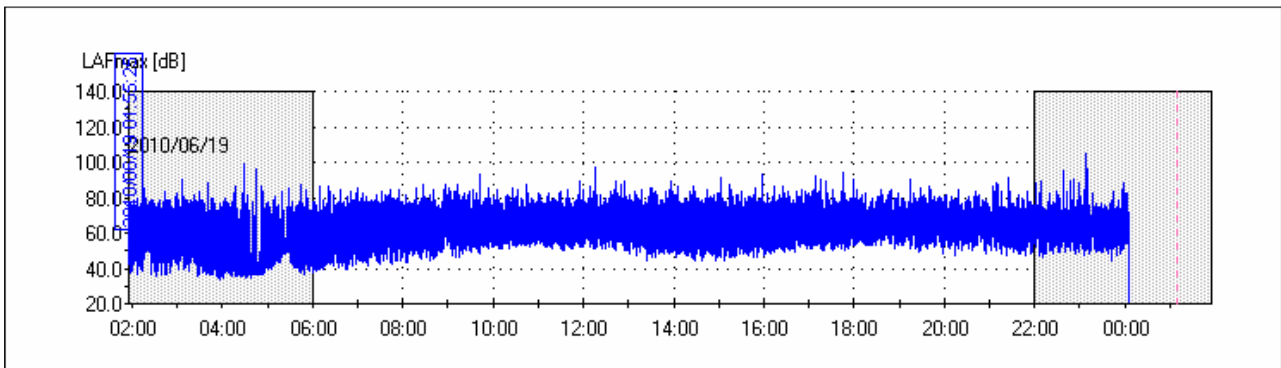
<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 63	0.1
Freq: 200	0.1
Freq: 315	0.1
Freq: 400	0.2
Freq: 500	0.6
Freq: 630	0.1
Freq: 800	0.3
Freq: 1 k	0.0
Freq: 1.6 k	0.0
Freq: 2 k	0.1
Freq: 2.5 k	0.2
Freq: 3.15 k	2.3
Freq: 4 k	0.2
Freq: 5 k	0.0
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

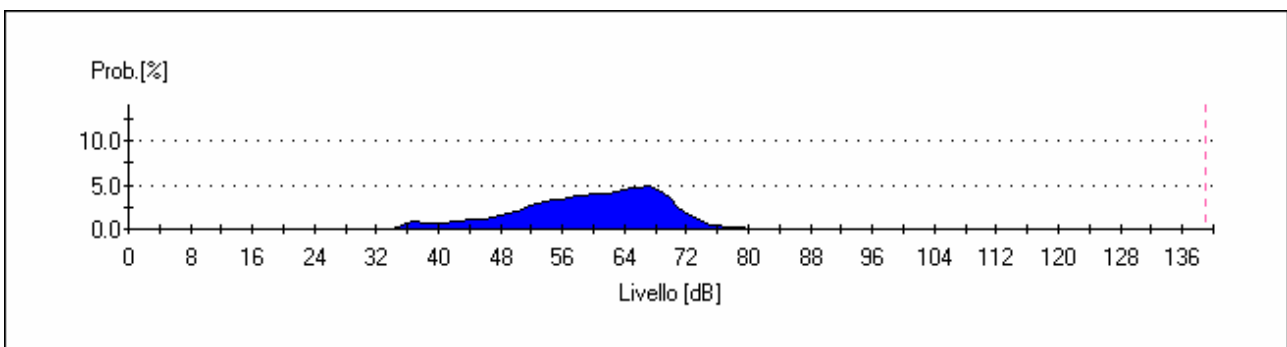
TIME HISTORY COMPONENTI TONALI



IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

CUMULATIVA

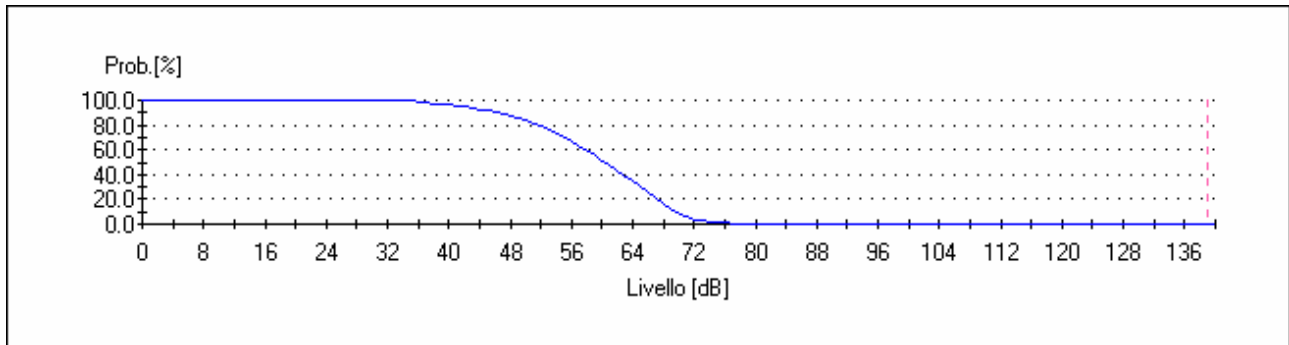
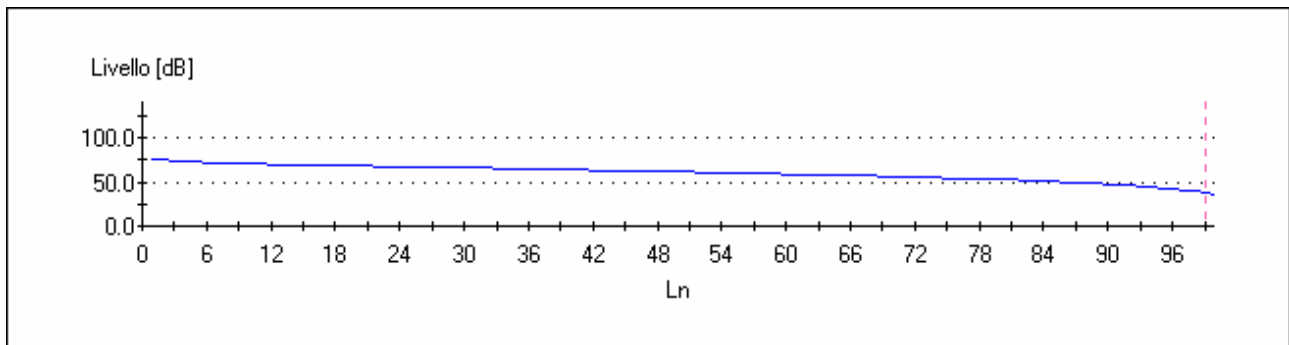


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	76.0
<b>1</b>	<b>76.0</b>
2	74.0
3	73.0
4	72.5
<b>5</b>	<b>72.0</b>
6	71.7
7	71.3
8	71.0
9	70.7
<b>10</b>	<b>70.3</b>
11	70.0
12	69.8
13	69.5
14	69.3
15	69.0
16	68.8
17	68.6
18	68.4
19	68.2
20	68.0
21	67.8
22	67.5
23	67.3
24	67.0
25	66.8
26	66.6
27	66.4
28	66.2

29	66.0
30	65.8
31	65.6
32	65.4
33	65.2
34	65.0
35	64.8
36	64.5
37	64.3
38	64.0
39	63.8
40	63.5
41	63.3
42	63.0
43	62.8
44	62.6
45	62.4
46	62.2
47	62.0
48	61.8
49	61.5
50	61.3
51	61.0
52	60.7
53	60.3
54	60.0
55	59.8
56	59.5
57	59.3
58	59.0
59	58.8
60	58.5
61	58.3

62	58.0
63	57.8
64	57.5
65	57.3
66	57.0
67	56.7
68	56.3
69	56.0
70	55.7
71	55.3
72	55.0
73	54.7
74	54.3
75	54.0
76	53.7
77	53.3
78	53.0
79	52.7
80	52.3
81	52.0
82	51.5
83	51.0
84	50.5
85	50.0
86	49.5
87	49.0
88	48.0
89	47.5
90	47.0
91	46.0
92	45.0
93	44.0
94	43.0



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	42.0
96	41.0
97	39.0
98	38.0
99	36.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	77.0
1	77.0
2	75.0
3	74.0
4	73.0
5	72.5
6	72.0
7	71.7
8	71.3
9	71.0
10	70.8
11	70.5
12	70.3
13	70.0
14	69.8
15	69.6
16	69.4
17	69.2
18	69.0
19	68.8
20	68.6
21	68.4
22	68.2
23	68.0

24	67.8
25	67.7
26	67.5
27	67.3
28	67.2
29	67.0
30	66.8
31	66.6
32	66.4
33	66.2
34	66.0
35	65.8
36	65.6
37	65.4
38	65.2
39	65.0
40	64.8
41	64.6
42	64.4
43	64.2
44	64.0
45	63.8
46	63.6
47	63.4
48	63.2
49	63.0
50	62.8
51	62.5
52	62.3
53	62.0
54	61.8
55	61.6
56	61.4

57	61.2
58	61.0
59	60.8
60	60.5
61	60.3
62	60.0
63	59.8
64	59.5
65	59.3
66	59.0
67	58.8
68	58.5
69	58.3
70	58.0
71	57.8
72	57.5
73	57.3
74	57.0
75	56.8
76	56.5
77	56.3
78	56.0
79	55.7
80	55.3
81	55.0
82	54.7
83	54.3
84	54.0
85	53.7
86	53.3
87	53.0
88	52.5
89	52.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

90	51.7
91	51.3
92	51.0
93	50.0
94	49.0
95	48.5
96	48.0
97	46.0
98	45.0
99	43.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	75.0
1	75.0
2	73.0
3	72.0
4	71.0
5	70.0
6	69.5
7	69.0
8	68.7
9	68.3
10	68.0
11	67.7
12	67.3
13	67.0
14	66.7
15	66.3
16	66.0
17	65.7
18	65.3

19	65.0
20	64.8
21	64.5
22	64.3
23	64.0
24	63.7
25	63.3
26	63.0
27	62.7
28	62.3
29	62.0
30	61.7
31	61.3
32	61.0
33	60.5
34	60.0
35	59.7
36	59.3
37	59.0
38	58.7
39	58.3
40	58.0
41	57.7
42	57.3
43	57.0
44	56.7
45	56.3
46	56.0
47	55.7
48	55.3
49	55.0
50	54.7
51	54.3

52	54.0
53	53.7
54	53.3
55	53.0
56	52.7
57	52.3
58	52.0
59	51.7
60	51.3
61	51.0
62	50.7
63	50.3
64	50.0
65	49.7
66	49.3
67	49.0
68	48.7
69	48.3
70	48.0
71	47.5
72	47.0
73	46.7
74	46.3
75	46.0
76	45.5
77	45.0
78	44.7
79	44.3
80	44.0
81	43.5
82	43.0
83	42.5
84	42.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	41.5
86	41.0
87	40.5
88	40.0
89	39.5
90	39.0
91	38.7
92	38.3
93	38.0
94	37.7
95	37.3
96	37.0
97	36.5
98	36.0
99	35.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
106	100,8	105,2
98	91,8	95,6
95,6	90,3	94,1
98	95,3	97,1
95,1	90,1	93,6
99,9	94,4	98,7
<b>106,00</b>	<b>100,80</b>	<b>105,20</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

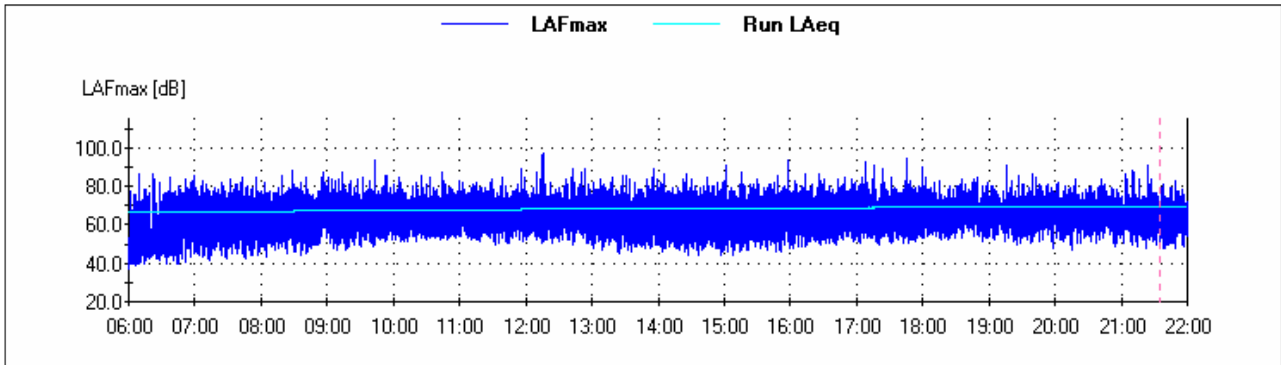
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
78,9	74,7	77,8
95,1	90,1	93,6
98	95,3	97,1
95,6	90,3	94,1
98	91,8	95,6
<b>98</b>	<b>95,3</b>	<b>97,1</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

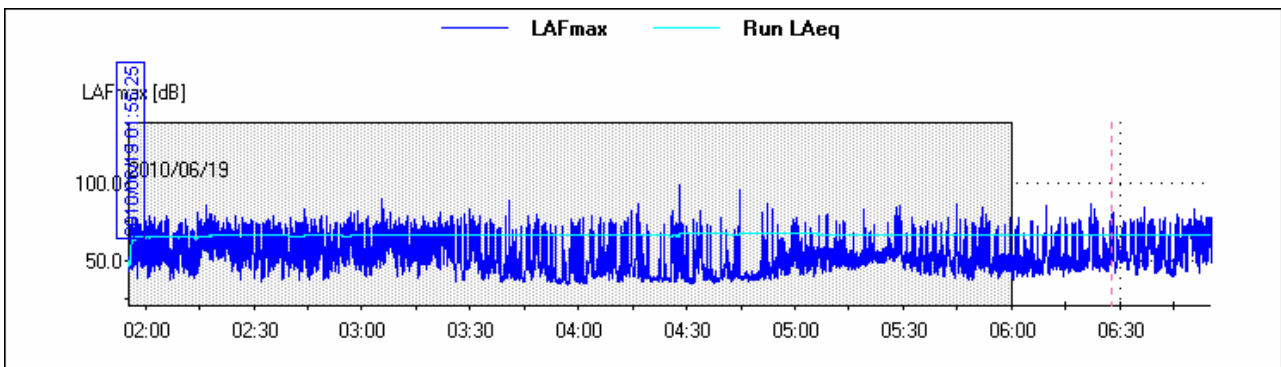
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
106	100,8	105,2
98	91	95,6
99,9	94,4	98,7
<b>106</b>	<b>100,8</b>	<b>105,2</b>



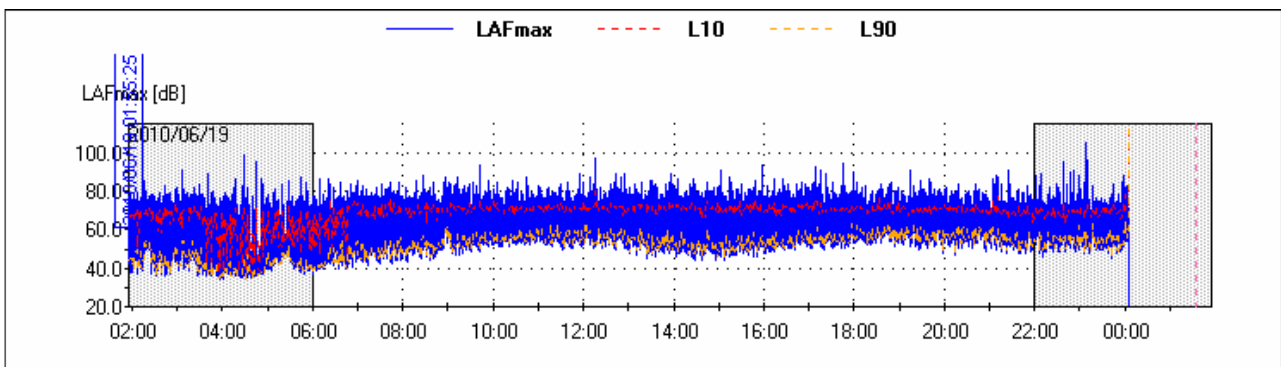
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTUNO**

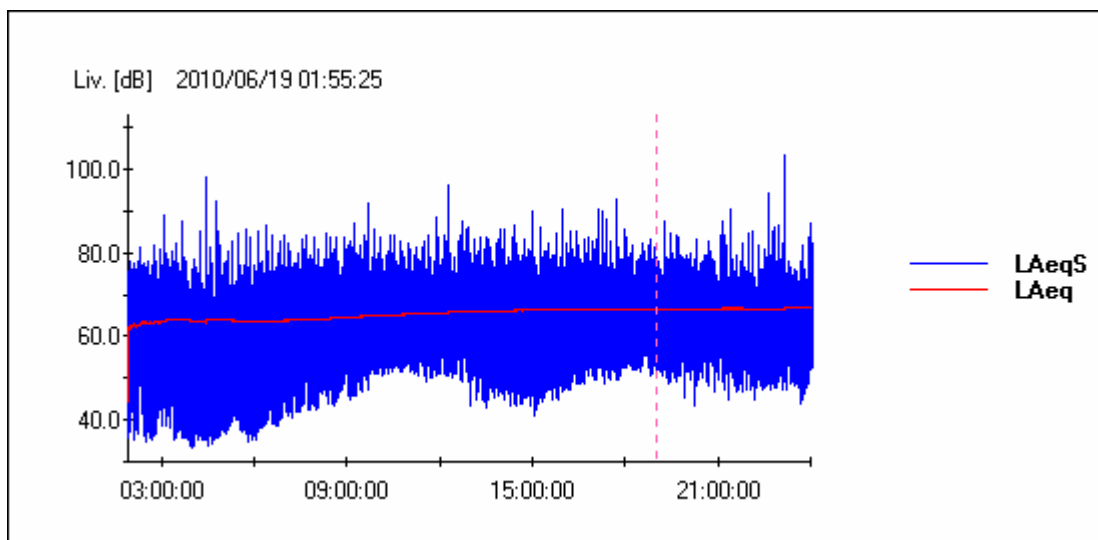


**TIME HISTORY L10 – L90**

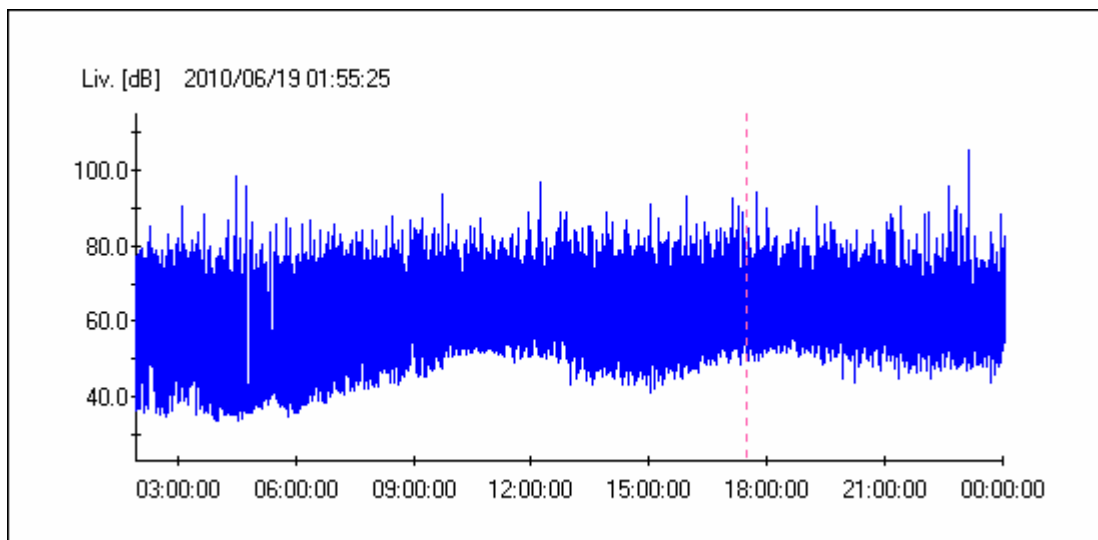


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_4_S</b>	<b>VIA LAGO GRANDE</b>
<i>Descrizione del punto di misura/ricettore</i>		
<p><b><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale da un lato, e un giardino privato dall'altro</i></b></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<i>Caratterizzazione delle sorgenti di rumore</i>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_4_S</b>	Indirizzo <b>VIA LAGO GRANDE</b>
-------	---------------------------	-------------------------------------

<i>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</i>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>21/06/10</b>	<b>66.7</b>	<b>0</b>	<b>0</b>		<b>66.7</b>	<b>60</b>
Notte	22-6h	<b>21/06/10</b>	<b>60.6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60.6</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_4_S</b>
Data inizio	<b>21/06/2010</b>
Ora inizio	<b>0.05.48</b>
Note	

<b>Parametri</b>		<b>24 ore</b>	<b>Giorno (T<sub>R</sub> = 6/22)</b>	<b>Notte (T<sub>R</sub> = 22/6)</b>
L <sub>AeqTR</sub>	[dBA]	<b>65.5</b>	<b>66.7</b>	<b>60.6</b>
L1	[dBA]	<b>77.0</b>	<b>78.0</b>	<b>72.0</b>
L5	[dBA]	<b>71.0</b>	<b>72.0</b>	<b>65.0</b>
L10	[dBA]	<b>67.5</b>	<b>69.0</b>	<b>61.5</b>
L50	[dBA]	<b>55.3</b>	<b>58.0</b>	<b>47.6</b>
L90	[dBA]	<b>43.5</b>	<b>49.3</b>	<b>39.0</b>
L95	[dBA]	<b>40.0</b>	<b>47.0</b>	<b>36.0</b>
L99	[dBA]	<b>34.0</b>	<b>43.0</b>	<b>32.0</b>
L <sub>I</sub> max	[dBA]	<b>100.3</b>	<b>100.3</b>	<b>97.2</b>
L <sub>F</sub> max	[dBA]	<b>97.7</b>	<b>97.7</b>	<b>94.9</b>
L <sub>S</sub> max	[dBA]	<b>93.5</b>	<b>93.5</b>	<b>91.1</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
<b>L<sub>AeqTRC</sub></b>		<b>65.5</b>	<b>66.7</b>	<b>60.6</b>

Note:

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Punto	Ricettore <b>R_4_S</b>	Indirizzo <b>VIA LAGO GRANDE</b>
-------	---------------------------	-------------------------------------

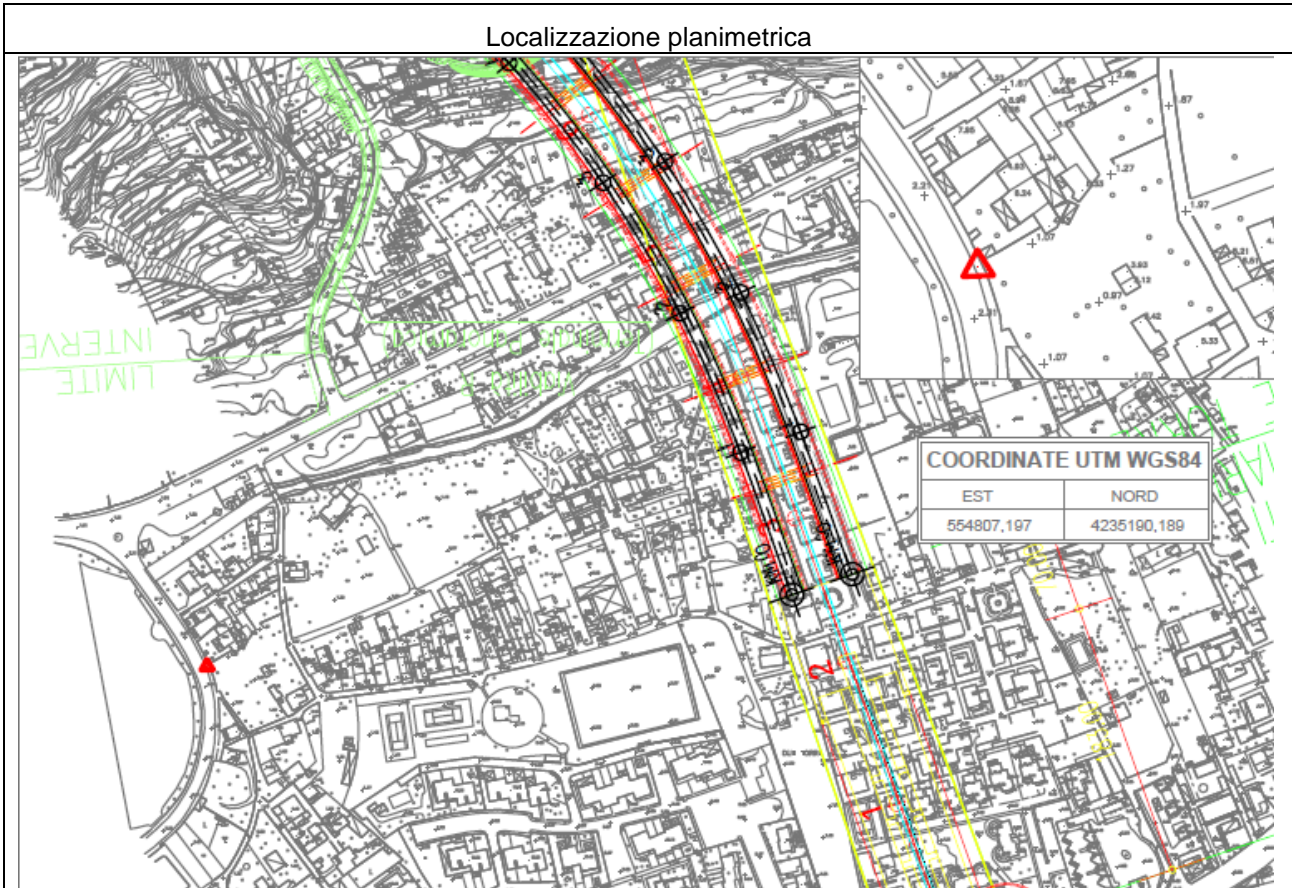
<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>30</b>	<b>53</b>	<b>35</b>	<b>47</b>	<b>41.25</b>	<b>16</b>	<b>21</b>	<b>18.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1.25</b>	<b>1</b>	<b>0</b>	<b>0.5</b>
Motocicli / 10'	<b>6</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>4.5</b>	<b>0</b>	<b>4</b>	<b>2</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>NUV.</b>	<b>NUV.</b>		<b>NUV.</b>	<b>SERENO</b>	
Temperatura	<b>21.5</b>	<b>23.1</b>	<b>24.6</b>	<b>21</b>	<b>22.55</b>	<b>19.5</b>	<b>20.8</b>	<b>20.15</b>
Umidità relativa	<b>43</b>	<b>47</b>	<b>54</b>	<b>69</b>	<b>53.25</b>	<b>72</b>	<b>51</b>	<b>61.5</b>
Velocità vento	<b>3.2</b>	<b>4.2</b>	<b>4.8</b>	<b>4.6</b>	<b>4.2</b>	<b>4.8</b>	<b>5</b>	<b>4.9</b>
Direzione vento	<b>E S E</b>	<b>S E</b>	<b>E S E</b>	<b>N E</b>		<b>E S E</b>	<b>S E</b>	

**Fotografia del punto di misura**





Punto	Ricettore	Indirizzo
	<b>R_4_S</b>	<b>VIA LAGO GRANDE</b>



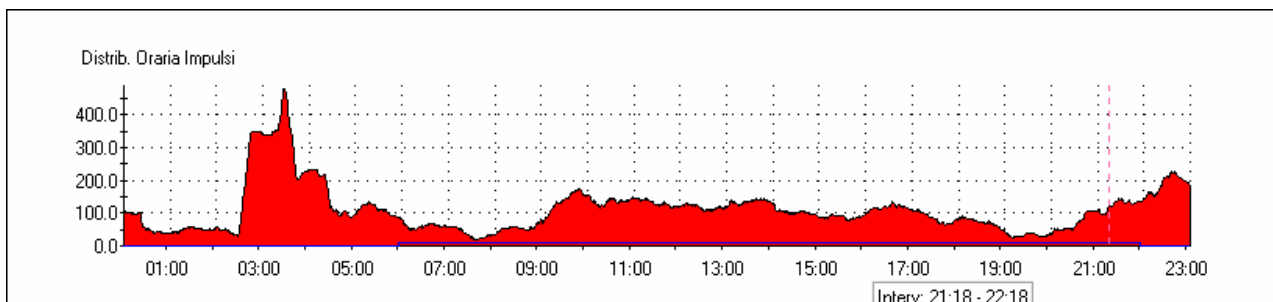
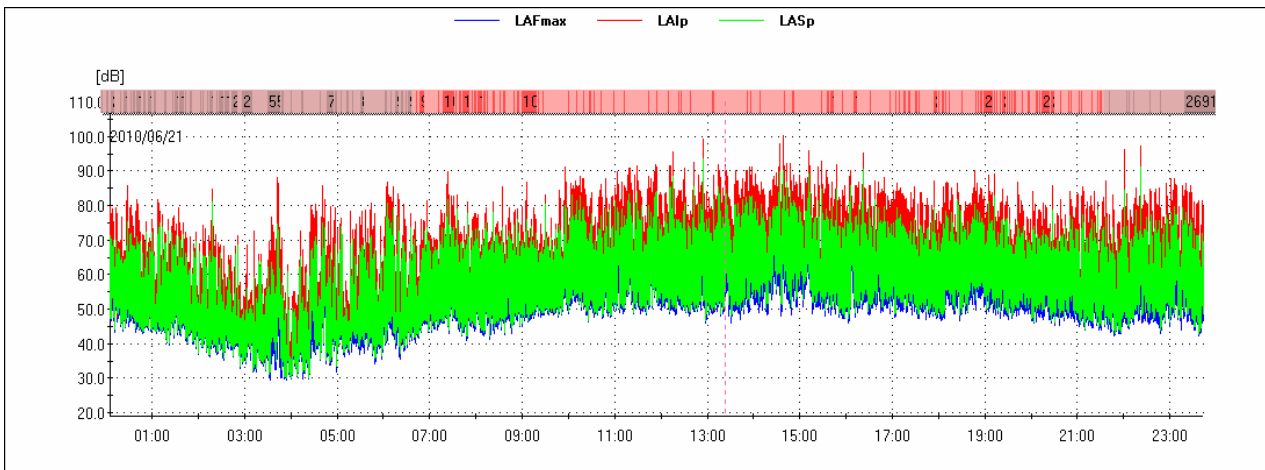
DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAI<sub>max</sub> e LAS<sub>max</sub> superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAF<sub>max</sub> inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax- 10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/21 00:06:05	0.875	66.7	9.8
2	2010/06/21 00:06:27	0.625	61.3	12.1
3	2010/06/21 00:06:43	0.625	65.8	11.1
4	2010/06/21 00:06:47	0.625	64.0	9.5
5	2010/06/21 00:06:53	0.750	68.4	7.9
6	2010/06/21 00:07:15	0.875	70.3	9.4
7	2010/06/21 00:07:26	0.750	68.6	11.5
8	2010/06/21 00:07:42	1.000	71.2	8.1
9	2010/06/21 00:08:16	0.875	69.4	8.7
10	2010/06/21 00:08:25	1.000	68.0	9.0
11	2010/06/21 00:11:54	0.875	55.3	10.7
12	2010/06/21 00:12:01	0.750	59.5	11.2
13	2010/06/21 00:13:14	0.875	71.0	10.8
14	2010/06/21 00:13:49	0.875	75.3	11.0
15	2010/06/21 00:14:30	0.625	73.3	12.3
16	2010/06/21 00:14:55	0.875	68.9	9.7
17	2010/06/21 00:15:04	1.000	63.1	11.6
18	2010/06/21 00:15:24	0.750	62.7	11.3
19	2010/06/21 00:19:51	0.750	63.4	11.4
20	2010/06/21 00:20:27	0.625	65.5	9.0
21	2010/06/21 00:26:12	0.625	62.6	12.2
22	2010/06/21 00:26:12	0.625	63.3	10.6
23	2010/06/21 00:26:13	0.625	62.6	9.6
24	2010/06/21 00:26:17	0.875	59.7	9.3
25	2010/06/21 00:26:20	0.500	71.1	13.4
26	2010/06/21 00:26:20	0.500	66.6	12.1
27	2010/06/21 00:26:21	0.625	67.9	10.7
28	2010/06/21 00:26:22	0.750	61.3	10.6
29	2010/06/21 00:26:24	0.625	68.8	12.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

30	2010/06/21 00:26:38	0.625	76.6	13.3
31	2010/06/21 00:26:40	0.625	75.3	12.6
32	2010/06/21 00:26:41	0.500	74.3	11.3
33	2010/06/21 00:26:42	0.750	63.9	12.1
34	2010/06/21 00:26:44	0.625	66.7	11.6
35	2010/06/21 00:26:45	0.500	76.2	13.5
36	2010/06/21 00:26:46	0.500	75.9	12.6
37	2010/06/21 00:26:48	0.500	73.1	11.0
38	2010/06/21 00:26:48	0.500	72.0	10.5
39	2010/06/21 00:26:49	0.625	70.1	10.4
40	2010/06/21 00:26:51	0.625	72.5	12.5
41	2010/06/21 00:26:52	0.500	69.1	11.3
42	2010/06/21 00:26:53	0.750	71.2	11.5
43	2010/06/21 00:26:57	0.625	68.2	10.9
44	2010/06/21 00:26:58	0.500	71.7	12.1
45	2010/06/21 00:26:59	0.500	72.8	11.5
46	2010/06/21 00:27:04	0.625	70.0	7.8
47	2010/06/21 00:27:11	0.625	62.8	10.4
48	2010/06/21 00:27:12	0.750	59.2	9.4
49	2010/06/21 00:27:16	0.750	61.6	8.6
50	2010/06/21 00:27:18	0.625	64.6	11.0
51	2010/06/21 00:27:18	1.000	66.6	10.9
52	2010/06/21 00:27:20	0.625	62.3	10.4
53	2010/06/21 00:27:21	0.500	68.0	12.4
54	2010/06/21 00:27:22	0.625	63.3	12.1
55	2010/06/21 00:27:22	0.500	63.9	9.6
56	2010/06/21 00:27:23	0.500	65.7	10.9
57	2010/06/21 00:27:25	0.750	75.1	10.9
58	2010/06/21 00:27:39	0.625	64.0	12.3
59	2010/06/21 00:27:40	0.625	70.2	13.5
60	2010/06/21 00:27:46	1.000	65.6	7.8
61	2010/06/21 00:27:48	0.750	62.8	10.8
62	2010/06/21 00:27:50	0.750	63.8	11.6

63	2010/06/21 00:28:20	0.625	66.6	10.8
64	2010/06/21 00:28:23	0.500	70.0	12.7
65	2010/06/21 00:28:28	0.625	67.2	12.6
66	2010/06/21 00:28:55	0.750	71.2	9.1
67	2010/06/21 00:28:56	0.750	71.3	8.5
68	2010/06/21 00:29:01	0.500	72.6	10.9
69	2010/06/21 00:29:35	0.875	63.4	10.2
70	2010/06/21 00:29:38	0.625	64.1	10.5
71	2010/06/21 00:31:17	0.875	63.4	10.9
72	2010/06/21 00:31:37	1.000	64.1	7.0
73	2010/06/21 00:31:41	0.875	66.1	8.2
74	2010/06/21 00:31:50	0.750	69.4	8.2
75	2010/06/21 00:31:51	0.875	68.4	8.4
76	2010/06/21 00:31:54	0.625	68.2	11.0
77	2010/06/21 00:31:55	0.750	66.8	8.6
78	2010/06/21 00:32:01	0.625	64.3	10.6
79	2010/06/21 00:32:14	0.750	72.5	7.7
80	2010/06/21 00:32:15	0.625	72.4	9.0
81	2010/06/21 00:32:20	0.625	63.5	9.0
82	2010/06/21 00:32:34	1.000	77.1	9.4
83	2010/06/21 00:35:28	0.625	62.8	10.4
84	2010/06/21 00:35:37	0.875	63.5	8.6
85	2010/06/21 00:36:52	0.625	63.8	12.1
86	2010/06/21 00:36:56	0.750	57.8	10.8
87	2010/06/21 00:37:10	0.875	64.8	10.1
88	2010/06/21 00:37:12	1.000	67.1	8.4
89	2010/06/21 00:38:13	0.875	61.8	8.9
90	2010/06/21 00:38:59	0.625	62.4	8.9
91	2010/06/21 00:39:39	0.875	74.7	11.1
92	2010/06/21 00:39:54	0.750	71.6	9.3
93	2010/06/21 00:40:58	0.875	66.6	6.6
94	2010/06/21 00:41:03	0.875	77.8	10.8
95	2010/06/21 00:41:15	1.000	68.8	11.1

96	2010/06/21 00:41:32	0.875	69.3	9.7
97	2010/06/21 00:41:34	0.625	76.6	10.8
98	2010/06/21 00:42:06	0.625	68.2	10.1
99	2010/06/21 00:42:20	0.875	71.4	12.2
100	2010/06/21 00:42:33	0.875	67.1	12.1
101	2010/06/21 00:43:49	0.875	69.0	8.8
102	2010/06/21 00:43:50	1.000	64.1	9.3
103	2010/06/21 00:48:57	0.750	63.5	11.4
104	2010/06/21 00:49:36	0.625	67.0	12.4
105	2010/06/21 00:51:32	0.625	63.1	8.8
106	2010/06/21 00:52:18	0.625	62.8	11.9
107	2010/06/21 00:52:22	0.750	67.9	12.3
108	2010/06/21 00:54:58	0.625	65.1	12.2
109	2010/06/21 01:00:12	0.625	58.4	10.4
110	2010/06/21 01:00:16	0.875	59.6	8.1
111	2010/06/21 01:00:38	0.875	59.3	11.5
112	2010/06/21 01:07:46	0.750	77.4	8.6
113	2010/06/21 01:07:51	0.750	78.7	10.1
114	2010/06/21 01:07:59	0.875	68.9	9.6
115	2010/06/21 01:08:01	0.625	64.0	8.1
116	2010/06/21 01:08:07	0.625	60.2	11.4
117	2010/06/21 01:08:31	0.875	67.0	9.3
118	2010/06/21 01:08:34	1.000	71.9	8.0
119	2010/06/21 01:12:57	0.750	72.6	10.0
120	2010/06/21 01:12:58	0.750	71.1	9.9
121	2010/06/21 01:15:04	0.875	57.2	10.6
122	2010/06/21 01:20:36	0.625	63.7	8.2
123	2010/06/21 01:20:39	0.625	64.1	10.8
124	2010/06/21 01:20:48	0.875	60.0	10.6
125	2010/06/21 01:22:12	0.625	59.3	9.7
126	2010/06/21 01:26:28	1.000	64.5	8.3
127	2010/06/21 01:28:16	0.500	64.0	9.1
128	2010/06/21 01:29:27	1.000	65.2	9.1

129	2010/06/21 01:31:09	0.750	70.0	11.3
130	2010/06/21 01:33:45	0.875	61.3	9.8
131	2010/06/21 01:34:34	0.875	70.6	10.7
132	2010/06/21 01:34:57	0.750	73.5	11.2
133	2010/06/21 01:34:58	1.000	76.1	8.4
134	2010/06/21 01:35:10	0.750	66.7	10.4
135	2010/06/21 01:35:13	0.875	63.8	9.6
136	2010/06/21 01:35:42	0.750	71.6	9.7
137	2010/06/21 01:41:01	0.625	64.6	11.0
138	2010/06/21 01:41:03	1.000	56.5	10.5
139	2010/06/21 01:41:36	0.875	66.5	9.6
140	2010/06/21 01:41:38	0.625	62.1	8.5
141	2010/06/21 01:43:21	0.625	67.8	9.0
142	2010/06/21 01:44:04	0.750	62.0	12.1
143	2010/06/21 01:44:20	1.000	67.4	12.0
144	2010/06/21 01:45:05	0.625	60.8	9.4
145	2010/06/21 01:45:27	0.875	62.8	11.4
146	2010/06/21 01:46:36	0.625	60.2	10.0
147	2010/06/21 01:49:18	0.750	66.8	10.5
148	2010/06/21 01:55:04	1.000	60.6	10.6
149	2010/06/21 02:02:30	0.625	56.0	11.6
150	2010/06/21 02:02:39	0.625	59.1	12.1
151	2010/06/21 02:06:18	0.750	60.1	10.8
152	2010/06/21 02:06:19	0.750	63.0	9.8
153	2010/06/21 02:06:23	0.875	71.1	9.3
154	2010/06/21 02:06:25	0.875	70.5	8.6
155	2010/06/21 02:06:39	0.625	61.2	12.2
156	2010/06/21 02:07:37	0.875	54.8	9.1
157	2010/06/21 02:08:14	0.625	64.7	12.9
158	2010/06/21 02:08:46	0.625	58.7	9.5
159	2010/06/21 02:08:51	0.875	58.4	11.0
160	2010/06/21 02:09:12	0.625	62.7	7.6
161	2010/06/21 02:13:42	0.625	58.5	10.6

 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

162	2010/06/21 02:14:19	1.000	62.7	13.2
163	2010/06/21 02:14:20	0.625	66.9	11.9
164	2010/06/21 02:15:46	0.625	63.3	12.8
165	2010/06/21 02:16:03	0.625	64.9	12.3
166	2010/06/21 02:16:07	1.000	66.8	8.6
167	2010/06/21 02:16:24	0.625	58.1	11.2
168	2010/06/21 02:18:57	0.750	67.4	12.4
169	2010/06/21 02:18:59	0.875	67.5	9.4
170	2010/06/21 02:19:01	0.875	55.8	10.3
171	2010/06/21 02:19:05	0.750	70.9	9.0
172	2010/06/21 02:19:06	1.000	69.1	6.6
173	2010/06/21 02:19:22	1.000	52.1	11.0
174	2010/06/21 02:21:37	1.000	61.7	10.9
175	2010/06/21 02:21:39	0.875	58.2	8.4
176	2010/06/21 02:21:43	0.625	57.1	10.9
177	2010/06/21 02:22:46	0.750	56.0	9.8
178	2010/06/21 02:23:17	0.750	56.3	8.6
179	2010/06/21 02:23:22	0.875	50.5	8.7
180	2010/06/21 02:25:03	1.000	59.8	11.7
181	2010/06/21 02:25:06	0.875	56.2	9.3
182	2010/06/21 02:25:08	0.500	64.9	12.6
183	2010/06/21 02:29:14	0.750	54.7	10.7
184	2010/06/21 02:29:17	0.625	54.7	10.5
185	2010/06/21 02:29:52	1.000	55.5	6.9
186	2010/06/21 02:30:10	0.625	52.6	11.2
187	2010/06/21 02:30:11	1.000	61.0	10.5
188	2010/06/21 02:32:27	0.875	49.8	9.0
189	2010/06/21 02:35:28	0.750	55.0	10.5
190	2010/06/21 02:35:29	0.625	56.4	10.6
191	2010/06/21 02:40:50	0.625	59.9	11.7
192	2010/06/21 02:42:10	0.750	61.8	12.0
193	2010/06/21 02:42:11	0.625	61.3	11.1
194	2010/06/21 02:43:48	0.875	56.6	11.8



195	2010/06/21 02:46:54	1.000	60.0	7.7
196	2010/06/21 02:54:17	0.625	53.7	11.1
197	2010/06/21 02:54:20	0.625	51.9	10.2
198	2010/06/21 02:54:24	0.875	52.4	8.5
199	2010/06/21 03:01:09	0.500	51.9	11.6
200	2010/06/21 03:02:43	0.625	51.4	11.3
201	2010/06/21 03:02:44	0.625	64.5	12.6
202	2010/06/21 03:02:45	0.750	56.2	13.2
203	2010/06/21 03:02:54	0.625	54.1	8.0
204	2010/06/21 03:02:55	0.875	58.0	10.5
205	2010/06/21 03:03:06	0.875	59.3	9.3
206	2010/06/21 03:03:08	0.625	52.8	9.0
207	2010/06/21 03:12:15	0.500	68.1	13.4
208	2010/06/21 03:12:32	0.500	58.1	13.1
209	2010/06/21 03:12:57	0.625	54.2	12.9
210	2010/06/21 03:13:02	0.625	66.9	14.0
211	2010/06/21 03:13:57	0.625	49.9	12.8
212	2010/06/21 03:14:05	0.500	53.5	12.9
213	2010/06/21 03:14:32	0.500	54.2	12.8
214	2010/06/21 03:15:13	0.750	49.8	11.6
215	2010/06/21 03:15:23	0.750	47.6	11.3
216	2010/06/21 03:15:51	0.500	50.4	12.6
217	2010/06/21 03:16:50	1.000	50.9	8.6
218	2010/06/21 03:31:41	0.625	52.2	12.4
219	2010/06/21 03:31:48	0.625	53.4	14.0
220	2010/06/21 03:31:53	0.625	64.9	13.1
221	2010/06/21 03:32:16	0.625	50.2	13.0
222	2010/06/21 03:32:37	0.500	53.2	13.8
223	2010/06/21 03:32:38	0.500	52.4	12.3
224	2010/06/21 03:32:48	0.625	55.9	12.9
225	2010/06/21 03:32:52	0.875	52.7	11.4
226	2010/06/21 03:32:59	0.625	52.2	12.3
227	2010/06/21 03:33:07	0.625	57.6	14.0

228	2010/06/21 03:33:17	0.500	46.1	12.7
229	2010/06/21 03:33:19	0.625	41.2	10.9
230	2010/06/21 03:33:20	0.625	45.5	12.0
231	2010/06/21 03:33:21	0.625	57.8	13.2
232	2010/06/21 03:33:24	0.875	58.0	11.7
233	2010/06/21 03:33:25	0.750	55.5	10.3
234	2010/06/21 03:33:26	0.625	44.7	10.9
235	2010/06/21 03:33:28	0.500	55.0	12.7
236	2010/06/21 03:33:29	0.500	48.6	13.4
237	2010/06/21 03:33:32	1.000	52.3	12.5
238	2010/06/21 03:33:33	0.625	55.2	11.9
239	2010/06/21 03:33:34	0.875	43.8	12.9
240	2010/06/21 03:33:39	0.500	57.7	10.4
241	2010/06/21 03:33:43	0.625	57.3	12.8
242	2010/06/21 03:33:45	0.500	56.1	11.3
243	2010/06/21 03:33:47	0.500	58.5	12.7
244	2010/06/21 03:33:47	0.625	56.5	10.8
245	2010/06/21 03:33:48	0.625	59.1	11.6
246	2010/06/21 03:33:50	0.625	51.5	10.6
247	2010/06/21 03:33:54	0.750	56.9	13.5
248	2010/06/21 03:34:03	0.750	49.0	7.8
249	2010/06/21 03:34:06	1.000	48.4	10.1
250	2010/06/21 03:34:11	0.750	52.7	11.3
251	2010/06/21 03:34:26	0.625	57.0	11.3
252	2010/06/21 03:34:27	0.500	65.1	13.1
253	2010/06/21 03:34:40	0.750	51.0	10.9
254	2010/06/21 03:34:41	0.875	51.6	10.8
255	2010/06/21 03:34:46	0.500	53.9	11.7
256	2010/06/21 03:34:47	0.875	46.6	11.7
257	2010/06/21 03:34:48	0.875	53.0	11.9
258	2010/06/21 03:34:51	0.500	54.5	12.9
259	2010/06/21 03:34:56	0.750	52.5	10.7
260	2010/06/21 03:35:02	0.625	67.8	13.3

261	2010/06/21 03:35:07	0.625	48.6	12.7
262	2010/06/21 03:35:11	0.625	64.4	13.7
263	2010/06/21 03:35:13	0.625	57.6	14.5
264	2010/06/21 03:35:14	0.750	57.8	12.2
265	2010/06/21 03:35:17	0.625	67.6	13.3
266	2010/06/21 03:35:19	0.625	58.6	13.2
267	2010/06/21 03:35:20	0.500	72.1	13.0
268	2010/06/21 03:35:21	0.500	63.9	14.2
269	2010/06/21 03:35:23	0.500	49.0	15.5
270	2010/06/21 03:35:24	0.875	56.0	13.9
271	2010/06/21 03:35:25	0.750	50.4	13.1
272	2010/06/21 03:35:27	0.500	67.7	13.2
273	2010/06/21 03:35:29	0.500	63.8	9.6
274	2010/06/21 03:35:29	0.625	64.5	10.5
275	2010/06/21 03:35:35	0.625	68.9	13.3
276	2010/06/21 03:35:38	0.875	50.9	15.5
277	2010/06/21 03:35:40	0.625	66.3	13.4
278	2010/06/21 03:35:42	1.000	66.9	12.7
279	2010/06/21 03:35:43	0.750	62.5	10.4
280	2010/06/21 03:35:45	0.500	63.9	12.5
281	2010/06/21 03:35:47	0.625	56.6	10.9
282	2010/06/21 03:35:50	1.000	51.9	9.7
283	2010/06/21 03:35:56	1.000	62.7	12.2
284	2010/06/21 03:36:01	0.500	66.9	12.0
285	2010/06/21 03:36:07	0.500	63.3	12.6
286	2010/06/21 03:36:12	0.625	59.2	10.3
287	2010/06/21 03:36:17	0.500	58.0	12.7
288	2010/06/21 03:36:18	0.500	59.7	12.9
289	2010/06/21 03:36:20	0.750	55.7	11.1
290	2010/06/21 03:36:21	0.875	51.6	10.0
291	2010/06/21 03:36:23	0.625	55.2	11.7
292	2010/06/21 03:36:27	0.875	67.0	12.5
293	2010/06/21 03:36:28	0.625	56.9	12.2

294	2010/06/21 03:36:30	0.625	56.9	12.0
295	2010/06/21 03:36:33	0.625	67.1	12.3
296	2010/06/21 03:36:36	0.750	58.6	10.7
297	2010/06/21 03:36:38	0.625	62.0	12.6
298	2010/06/21 03:36:39	0.625	68.2	13.1
299	2010/06/21 03:36:44	0.500	69.7	12.9
300	2010/06/21 03:36:44	0.625	66.7	11.8
301	2010/06/21 03:36:45	0.625	66.0	9.3
302	2010/06/21 03:36:50	0.875	59.5	9.8
303	2010/06/21 03:36:55	1.000	60.6	10.3
304	2010/06/21 03:36:56	0.625	64.6	12.1
305	2010/06/21 03:36:58	0.750	62.0	9.7
306	2010/06/21 03:36:59	0.750	66.1	11.0
307	2010/06/21 03:37:00	0.625	56.8	11.3
308	2010/06/21 03:37:02	0.750	53.0	13.3
309	2010/06/21 03:37:06	0.750	56.5	10.7
310	2010/06/21 03:37:07	0.625	53.4	10.0
311	2010/06/21 03:37:10	0.625	55.0	11.0
312	2010/06/21 03:37:11	0.875	61.9	11.2
313	2010/06/21 03:37:13	0.500	67.6	13.0
314	2010/06/21 03:37:15	0.625	64.8	12.2
315	2010/06/21 03:37:18	0.750	62.0	11.7
316	2010/06/21 03:37:19	0.500	65.6	12.7
317	2010/06/21 03:37:21	0.500	67.3	11.7
318	2010/06/21 03:37:22	0.625	58.0	12.8
319	2010/06/21 03:37:24	0.500	62.9	12.8
320	2010/06/21 03:37:25	0.500	61.1	11.1
321	2010/06/21 03:37:29	0.625	60.6	11.9
322	2010/06/21 03:37:30	0.750	58.9	11.1
323	2010/06/21 03:37:34	0.625	55.2	9.6
324	2010/06/21 03:37:38	0.625	63.1	11.9
325	2010/06/21 03:37:39	0.625	50.0	13.0
326	2010/06/21 03:37:40	0.750	57.7	11.0

327	2010/06/21 03:37:41	0.500	62.9	12.5
328	2010/06/21 03:37:42	0.875	61.6	10.8
329	2010/06/21 03:37:44	0.625	64.3	11.9
330	2010/06/21 03:37:46	0.625	65.4	12.3
331	2010/06/21 03:37:47	1.000	57.9	11.6
332	2010/06/21 03:37:49	0.875	60.7	11.4
333	2010/06/21 03:37:56	0.875	51.5	9.9
334	2010/06/21 03:37:57	0.625	64.0	12.7
335	2010/06/21 03:38:00	0.500	56.4	11.8
336	2010/06/21 03:38:01	0.625	60.5	12.0
337	2010/06/21 03:38:04	0.750	61.3	10.5
338	2010/06/21 03:38:06	0.750	63.2	12.9
339	2010/06/21 03:38:11	0.500	63.1	13.0
340	2010/06/21 03:38:12	0.750	54.2	13.1
341	2010/06/21 03:38:14	0.875	59.3	10.9
342	2010/06/21 03:38:15	0.750	55.8	10.3
343	2010/06/21 03:38:27	0.500	58.1	11.2
344	2010/06/21 03:38:31	0.750	54.4	9.9
345	2010/06/21 03:38:32	0.500	57.6	11.9
346	2010/06/21 03:38:39	0.625	55.8	11.6
347	2010/06/21 03:38:44	0.625	61.8	13.9
348	2010/06/21 03:38:45	0.500	56.1	13.4
349	2010/06/21 03:38:47	0.750	52.6	11.7
350	2010/06/21 03:38:48	1.000	54.5	10.9
351	2010/06/21 03:38:52	0.875	61.4	12.3
352	2010/06/21 03:38:57	0.625	56.1	11.0
353	2010/06/21 03:39:00	0.500	51.5	8.4
354	2010/06/21 03:39:01	1.000	49.2	8.7
355	2010/06/21 03:39:02	0.500	60.0	13.5
356	2010/06/21 03:39:06	0.500	50.9	11.8
357	2010/06/21 03:39:07	0.500	52.3	12.2
358	2010/06/21 03:39:08	0.625	55.8	12.2
359	2010/06/21 03:39:18	0.875	53.2	12.0

360	2010/06/21 03:39:19	0.875	56.6	11.9
361	2010/06/21 03:39:35	0.750	52.2	11.0
362	2010/06/21 03:39:40	0.625	53.4	10.7
363	2010/06/21 03:39:42	0.875	47.5	9.0
364	2010/06/21 03:39:43	0.500	51.9	12.3
365	2010/06/21 03:39:47	0.625	55.1	13.1
366	2010/06/21 03:39:48	0.625	55.2	11.8
367	2010/06/21 03:39:50	0.500	55.5	12.6
368	2010/06/21 03:39:53	0.625	55.4	12.3
369	2010/06/21 03:39:56	0.875	54.5	11.8
370	2010/06/21 03:40:04	1.000	54.6	12.7
371	2010/06/21 03:40:06	0.875	45.5	9.9
372	2010/06/21 03:40:07	0.625	51.8	12.1
373	2010/06/21 03:40:09	0.625	50.0	12.0
374	2010/06/21 03:40:11	0.625	49.0	11.0
375	2010/06/21 03:40:16	0.625	58.5	12.0
376	2010/06/21 03:40:21	0.875	49.1	10.8
377	2010/06/21 03:40:35	1.000	53.0	11.6
378	2010/06/21 03:40:37	0.750	47.5	10.1
379	2010/06/21 03:40:41	0.875	47.3	10.2
380	2010/06/21 03:40:43	0.625	53.4	12.7
381	2010/06/21 03:40:52	0.625	55.3	11.1
382	2010/06/21 03:40:54	0.625	52.2	9.3
383	2010/06/21 03:40:56	0.625	54.8	11.3
384	2010/06/21 03:40:58	0.625	61.0	12.1
385	2010/06/21 03:41:01	0.875	57.9	11.0
386	2010/06/21 03:41:06	0.625	58.9	12.3
387	2010/06/21 03:41:11	0.875	54.2	11.6
388	2010/06/21 03:41:15	0.625	58.2	12.3
389	2010/06/21 03:41:15	0.750	60.1	9.8
390	2010/06/21 03:41:17	1.000	55.5	9.0
391	2010/06/21 03:41:18	0.625	53.0	9.2
392	2010/06/21 03:41:19	0.500	56.0	11.1

393	2010/06/21 03:41:21	1.000	50.0	9.7
394	2010/06/21 03:41:23	0.875	54.7	11.2
395	2010/06/21 03:41:24	0.625	56.6	11.7
396	2010/06/21 03:41:27	0.500	52.6	11.2
397	2010/06/21 03:41:28	0.500	54.4	11.8
398	2010/06/21 03:41:31	1.000	52.3	11.0
399	2010/06/21 03:41:37	0.500	53.1	9.8
400	2010/06/21 03:41:37	0.625	51.8	9.3
401	2010/06/21 03:41:38	0.875	54.5	11.4
402	2010/06/21 03:41:39	1.000	50.5	9.7
403	2010/06/21 03:41:41	0.625	65.2	13.7
404	2010/06/21 03:41:47	0.750	59.5	12.8
405	2010/06/21 03:41:49	0.875	53.0	11.5
406	2010/06/21 03:41:53	0.500	57.6	12.6
407	2010/06/21 03:41:54	1.000	53.8	11.1
408	2010/06/21 03:41:55	0.625	52.6	9.9
409	2010/06/21 03:41:57	0.500	64.5	13.1
410	2010/06/21 03:42:02	0.625	51.4	11.8
411	2010/06/21 03:42:05	0.625	50.5	10.5
412	2010/06/21 03:42:07	0.875	50.0	8.4
413	2010/06/21 03:42:08	0.625	65.5	13.9
414	2010/06/21 03:42:10	0.750	52.7	14.7
415	2010/06/21 03:42:13	0.625	53.0	10.3
416	2010/06/21 03:42:19	0.500	61.7	13.4
417	2010/06/21 03:42:23	0.750	56.1	10.6
418	2010/06/21 03:42:24	0.625	64.1	13.1
419	2010/06/21 03:42:27	0.750	54.6	12.4
420	2010/06/21 03:42:31	0.875	50.8	10.0
421	2010/06/21 03:42:32	0.500	64.9	13.9
422	2010/06/21 03:42:35	0.500	55.2	12.8
423	2010/06/21 03:42:37	0.625	57.2	12.4
424	2010/06/21 03:42:43	0.500	57.4	12.6
425	2010/06/21 03:42:50	0.750	53.5	12.4

426	2010/06/21 03:42:52	0.500	83.5	13.4
427	2010/06/21 03:42:55	0.625	80.8	13.1
428	2010/06/21 03:42:58	0.625	56.3	17.5
429	2010/06/21 03:43:03	0.625	56.0	12.5
430	2010/06/21 03:43:11	0.625	72.2	13.6
431	2010/06/21 03:43:13	0.500	64.6	13.2
432	2010/06/21 03:43:15	0.500	63.0	11.2
433	2010/06/21 03:43:18	1.000	54.2	9.8
434	2010/06/21 03:43:20	0.625	61.4	11.9
435	2010/06/21 03:43:21	0.750	68.2	12.2
436	2010/06/21 03:43:23	0.625	71.0	12.3
437	2010/06/21 03:43:23	0.500	73.5	12.0
438	2010/06/21 03:43:32	0.625	69.1	11.9
439	2010/06/21 03:43:33	0.500	64.6	11.5
440	2010/06/21 03:43:33	0.625	81.4	13.6
441	2010/06/21 03:43:35	0.625	69.8	14.3
442	2010/06/21 03:43:37	0.625	71.7	12.6
443	2010/06/21 03:43:38	0.625	66.8	11.7
444	2010/06/21 03:43:40	0.500	73.4	13.5
445	2010/06/21 03:43:42	0.500	68.1	14.9
446	2010/06/21 03:43:44	0.750	67.9	13.1
447	2010/06/21 03:43:45	0.750	65.4	10.8
448	2010/06/21 03:43:46	0.625	59.8	9.7
449	2010/06/21 03:43:48	0.625	64.9	11.6
450	2010/06/21 03:43:49	0.750	70.1	13.6
451	2010/06/21 03:43:50	0.500	75.6	12.9
452	2010/06/21 03:43:51	0.500	73.1	12.2
453	2010/06/21 03:43:51	0.500	73.0	10.3
454	2010/06/21 03:43:53	0.500	66.0	11.3
455	2010/06/21 03:43:54	0.625	67.5	11.7
456	2010/06/21 03:43:55	0.500	68.9	11.7
457	2010/06/21 03:43:58	1.000	73.3	10.7
458	2010/06/21 03:44:01	0.500	75.3	13.2



459	2010/06/21 03:44:02	0.500	63.5	14.0
460	2010/06/21 03:44:04	0.500	67.9	12.6
461	2010/06/21 03:44:07	0.625	72.3	12.0
462	2010/06/21 03:44:09	0.875	72.5	11.4
463	2010/06/21 03:44:11	0.625	60.9	11.7
464	2010/06/21 03:44:14	0.625	70.7	12.8
465	2010/06/21 03:44:15	0.875	64.8	12.6
466	2010/06/21 03:44:18	1.000	65.5	10.8
467	2010/06/21 03:44:19	0.625	71.4	12.6
468	2010/06/21 03:44:21	0.750	64.9	11.2
469	2010/06/21 03:44:22	1.000	71.8	11.1
470	2010/06/21 03:44:23	0.875	71.5	9.7
471	2010/06/21 03:44:25	0.750	72.7	11.8
472	2010/06/21 03:44:27	0.625	67.9	11.2
473	2010/06/21 03:44:28	0.625	70.0	11.6
474	2010/06/21 03:44:30	0.750	62.7	12.2
475	2010/06/21 03:44:32	0.625	65.8	12.6
476	2010/06/21 03:44:33	1.000	61.7	10.3
477	2010/06/21 03:44:39	0.625	66.1	12.3
478	2010/06/21 03:44:40	0.500	68.4	11.8
479	2010/06/21 03:44:46	0.750	66.5	12.8
480	2010/06/21 03:44:47	0.500	57.0	13.1
481	2010/06/21 03:44:51	0.625	63.6	12.9
482	2010/06/21 03:44:53	0.875	61.0	10.7
483	2010/06/21 03:44:54	0.500	67.9	12.7
484	2010/06/21 03:44:55	0.750	61.7	12.5
485	2010/06/21 03:45:01	0.500	63.2	12.8
486	2010/06/21 03:45:02	0.625	64.3	12.0
487	2010/06/21 03:45:07	0.750	62.9	12.5
488	2010/06/21 03:45:14	1.000	56.8	11.2
489	2010/06/21 03:45:16	0.625	57.9	11.5
490	2010/06/21 03:45:18	0.750	54.7	9.8
491	2010/06/21 03:45:21	0.625	57.0	10.7

492	2010/06/21 03:45:22	0.750	54.5	10.3
493	2010/06/21 03:45:24	0.500	57.2	12.2
494	2010/06/21 03:45:24	0.500	63.2	12.6
495	2010/06/21 03:45:26	1.000	58.9	9.4
496	2010/06/21 03:45:28	0.625	55.1	11.4
497	2010/06/21 03:45:30	0.750	60.9	12.2
498	2010/06/21 03:45:31	0.750	59.0	10.6
499	2010/06/21 03:45:33	0.500	62.5	12.9
500	2010/06/21 03:45:35	0.625	63.4	12.7
501	2010/06/21 03:45:37	0.625	56.8	12.6
502	2010/06/21 03:45:40	0.625	53.0	9.3
503	2010/06/21 03:45:44	0.750	49.5	9.4
504	2010/06/21 03:45:45	0.500	61.9	13.5
505	2010/06/21 03:45:47	0.625	61.6	13.2
506	2010/06/21 03:45:49	0.875	52.8	13.3
507	2010/06/21 03:45:51	0.625	65.2	12.5
508	2010/06/21 03:45:52	0.500	60.3	12.1
509	2010/06/21 03:45:53	0.750	66.6	10.7
510	2010/06/21 03:45:54	0.500	59.3	11.6
511	2010/06/21 03:45:54	0.625	59.6	11.2
512	2010/06/21 03:45:56	0.750	61.7	11.5
513	2010/06/21 03:45:57	0.500	56.2	10.2
514	2010/06/21 03:45:59	0.875	61.7	12.6
515	2010/06/21 03:46:01	0.875	63.3	13.0
516	2010/06/21 03:46:05	0.625	60.2	12.3
517	2010/06/21 03:46:07	0.500	61.8	13.2
518	2010/06/21 03:46:08	0.625	62.4	11.3
519	2010/06/21 03:46:09	0.625	60.0	10.1
520	2010/06/21 03:46:16	0.625	61.5	12.5
521	2010/06/21 03:46:19	0.875	59.3	12.3
522	2010/06/21 03:46:23	0.750	52.5	10.6
523	2010/06/21 03:46:37	0.750	57.9	10.5
524	2010/06/21 03:46:39	0.750	59.3	12.2

525	2010/06/21 03:46:45	0.625	58.0	12.6
526	2010/06/21 03:46:49	0.875	52.9	11.8
527	2010/06/21 03:46:53	0.750	54.4	11.7
528	2010/06/21 03:46:54	0.750	53.1	10.8
529	2010/06/21 03:46:55	0.875	53.5	10.4
530	2010/06/21 03:46:58	0.625	53.9	11.8
531	2010/06/21 03:47:03	0.500	62.7	13.1
532	2010/06/21 03:47:08	0.750	53.7	10.4
533	2010/06/21 03:47:12	1.000	49.9	9.3
534	2010/06/21 03:47:16	0.625	53.3	10.6
535	2010/06/21 03:47:22	0.875	48.8	11.2
536	2010/06/21 03:47:24	0.625	53.0	12.8
537	2010/06/21 03:47:26	0.750	56.9	13.5
538	2010/06/21 03:47:28	0.750	51.3	11.6
539	2010/06/21 03:47:32	0.500	49.5	12.3
540	2010/06/21 03:47:38	0.750	51.1	8.1
541	2010/06/21 03:47:39	1.000	52.5	9.8
542	2010/06/21 03:47:40	0.500	48.8	9.9
543	2010/06/21 03:47:41	0.875	44.0	9.5
544	2010/06/21 03:47:45	0.500	49.7	12.8
545	2010/06/21 03:47:47	1.000	52.1	11.1
546	2010/06/21 03:47:53	0.875	44.9	7.9
547	2010/06/21 03:47:55	0.875	47.8	11.6
548	2010/06/21 03:47:57	0.500	54.9	13.5
549	2010/06/21 03:48:01	0.500	51.7	13.0
550	2010/06/21 03:48:05	0.875	44.7	11.3
551	2010/06/21 03:48:09	0.500	48.1	12.0
552	2010/06/21 03:48:12	0.625	44.0	16.2
553	2010/06/21 03:50:19	0.750	52.1	11.7
554	2010/06/21 03:50:42	0.625	47.9	11.6
555	2010/06/21 04:07:34	0.625	47.3	11.0
556	2010/06/21 04:08:32	0.750	43.7	11.6
557	2010/06/21 04:12:24	0.625	69.1	11.5

558	2010/06/21 04:12:27	0.750	55.5	12.7
559	2010/06/21 04:14:37	0.500	57.5	13.3
560	2010/06/21 04:14:39	0.500	49.9	13.3
561	2010/06/21 04:14:45	0.625	54.0	13.0
562	2010/06/21 04:14:51	0.625	51.9	12.2
563	2010/06/21 04:14:55	0.625	52.7	12.6
564	2010/06/21 04:15:22	0.625	57.4	10.9
565	2010/06/21 04:15:25	0.500	55.8	12.2
566	2010/06/21 04:15:32	0.625	46.8	11.8
567	2010/06/21 04:15:33	1.000	52.2	11.3
568	2010/06/21 04:15:41	0.500	54.3	13.3
569	2010/06/21 04:15:45	0.625	50.7	13.2
570	2010/06/21 04:15:49	0.500	55.3	13.6
571	2010/06/21 04:15:54	0.500	62.1	13.8
572	2010/06/21 04:15:58	0.500	52.2	12.5
573	2010/06/21 04:15:59	0.750	45.8	12.5
574	2010/06/21 04:16:02	0.500	54.2	12.9
575	2010/06/21 04:16:17	0.625	52.7	12.5
576	2010/06/21 04:16:25	0.625	52.1	13.3
577	2010/06/21 04:19:03	0.875	58.2	11.6
578	2010/06/21 04:19:27	0.875	51.8	8.7
579	2010/06/21 04:20:07	0.750	48.9	9.0
580	2010/06/21 04:22:47	0.625	45.7	11.0
581	2010/06/21 04:22:48	0.625	50.2	11.6
582	2010/06/21 04:23:14	0.625	51.5	11.4
583	2010/06/21 04:24:07	0.625	54.7	12.8
584	2010/06/21 04:24:08	0.500	55.6	12.4
585	2010/06/21 04:24:10	0.625	51.7	10.9
586	2010/06/21 04:24:39	0.500	61.0	13.6
587	2010/06/21 04:24:42	0.625	61.5	13.1
588	2010/06/21 04:24:44	0.625	64.1	12.8
589	2010/06/21 04:24:52	0.500	55.8	12.7
590	2010/06/21 04:24:53	0.625	65.0	13.6

591	2010/06/21 04:24:57	0.625	63.1	12.8
592	2010/06/21 04:25:05	0.500	55.9	13.2
593	2010/06/21 04:25:11	0.875	47.2	15.8
594	2010/06/21 04:25:12	0.500	60.2	12.7
595	2010/06/21 04:25:14	0.875	67.4	12.9
596	2010/06/21 04:25:22	0.625	50.2	11.2
597	2010/06/21 04:25:23	0.500	58.7	13.1
598	2010/06/21 04:25:24	0.625	58.0	9.9
599	2010/06/21 04:25:25	0.500	59.0	11.8
600	2010/06/21 04:25:26	0.500	66.9	13.1
601	2010/06/21 04:25:27	0.500	67.4	11.9
602	2010/06/21 04:25:31	0.750	56.4	12.6
603	2010/06/21 04:25:35	0.625	62.1	12.6
604	2010/06/21 04:25:36	0.750	61.7	11.1
605	2010/06/21 04:25:39	0.750	64.3	11.5
606	2010/06/21 04:25:40	0.625	56.9	11.4
607	2010/06/21 04:25:41	0.625	65.2	12.8
608	2010/06/21 04:25:45	0.875	62.7	11.2
609	2010/06/21 04:25:48	1.000	66.0	11.5
610	2010/06/21 04:25:54	1.000	59.6	8.9
611	2010/06/21 04:25:55	0.625	59.9	10.5
612	2010/06/21 04:25:57	0.750	68.8	13.2
613	2010/06/21 04:26:02	0.625	59.3	9.8
614	2010/06/21 04:26:24	0.750	68.6	11.1
615	2010/06/21 04:26:32	0.875	63.7	9.4
616	2010/06/21 04:26:34	1.000	64.6	8.0
617	2010/06/21 04:26:41	1.000	71.4	10.9
618	2010/06/21 04:26:42	0.500	68.4	10.6
619	2010/06/21 04:26:46	0.500	72.3	11.7
620	2010/06/21 04:26:48	0.875	69.3	9.9
621	2010/06/21 04:27:06	0.750	67.6	12.2
622	2010/06/21 04:27:14	0.625	66.6	11.7
623	2010/06/21 04:27:22	1.000	65.9	10.6

624	2010/06/21 04:27:25	0.750	63.2	9.9
625	2010/06/21 04:27:33	0.750	65.9	11.9
626	2010/06/21 04:27:36	0.625	61.0	10.2
627	2010/06/21 04:27:38	0.625	58.0	8.4
628	2010/06/21 04:27:40	0.750	61.5	11.7
629	2010/06/21 04:27:42	0.500	73.5	13.2
630	2010/06/21 04:27:50	0.625	58.0	8.9
631	2010/06/21 04:28:01	0.500	66.2	13.3
632	2010/06/21 04:28:03	0.500	63.0	12.5
633	2010/06/21 04:28:05	0.875	58.1	10.5
634	2010/06/21 04:28:06	0.625	63.0	10.1
635	2010/06/21 04:28:07	0.750	62.7	8.9
636	2010/06/21 04:28:14	0.875	57.2	9.1
637	2010/06/21 04:28:15	1.000	62.9	10.2
638	2010/06/21 04:28:21	0.750	60.3	10.0
639	2010/06/21 04:28:22	0.625	59.8	10.1
640	2010/06/21 04:28:25	0.750	58.0	7.8
641	2010/06/21 04:28:27	0.625	59.5	9.3
642	2010/06/21 04:28:29	0.500	59.2	10.6
643	2010/06/21 04:28:30	0.500	63.9	12.9
644	2010/06/21 04:28:31	0.875	62.9	10.4
645	2010/06/21 04:28:32	0.625	63.3	9.8
646	2010/06/21 04:28:36	0.500	65.9	11.7
647	2010/06/21 04:28:36	1.000	63.2	10.9
648	2010/06/21 04:28:38	0.750	62.6	9.2
649	2010/06/21 04:28:41	0.625	57.5	7.9
650	2010/06/21 04:28:42	0.625	61.4	11.7
651	2010/06/21 04:28:43	0.625	55.2	12.3
652	2010/06/21 04:28:48	0.750	62.3	11.5
653	2010/06/21 04:28:49	0.625	64.2	10.5
654	2010/06/21 04:28:51	0.625	67.8	11.8
655	2010/06/21 04:28:52	0.500	67.5	11.0
656	2010/06/21 04:28:53	0.500	69.7	10.8

657	2010/06/21 04:28:54	0.625	66.0	10.9
658	2010/06/21 04:28:55	0.625	71.5	12.9
659	2010/06/21 04:28:57	0.500	67.9	11.5
660	2010/06/21 04:28:59	0.625	68.5	12.8
661	2010/06/21 04:29:02	0.625	67.5	10.7
662	2010/06/21 04:29:02	0.750	72.3	12.7
663	2010/06/21 04:29:07	1.000	69.2	12.8
664	2010/06/21 04:29:11	0.875	62.6	9.9
665	2010/06/21 04:29:12	0.625	62.4	9.8
666	2010/06/21 04:29:15	0.500	62.4	11.8
667	2010/06/21 04:29:16	0.625	66.7	11.1
668	2010/06/21 04:29:21	0.500	65.3	13.4
669	2010/06/21 04:29:22	0.625	65.3	12.1
670	2010/06/21 04:29:24	0.625	64.3	12.5
671	2010/06/21 04:29:29	0.500	70.4	12.9
672	2010/06/21 04:29:30	0.625	64.3	13.0
673	2010/06/21 04:29:33	0.625	66.2	10.2
674	2010/06/21 04:29:34	1.000	64.9	10.8
675	2010/06/21 04:29:37	0.875	61.7	10.0
676	2010/06/21 04:29:39	0.750	70.0	13.5
677	2010/06/21 04:29:40	0.750	60.0	13.0
678	2010/06/21 04:29:41	0.750	62.0	12.0
679	2010/06/21 04:29:43	0.500	63.4	12.7
680	2010/06/21 04:29:45	1.000	61.0	11.2
681	2010/06/21 04:29:50	0.875	57.6	11.5
682	2010/06/21 04:29:52	0.750	60.3	11.5
683	2010/06/21 04:29:55	0.500	54.8	11.0
684	2010/06/21 04:29:56	0.500	63.8	13.3
685	2010/06/21 04:29:57	0.500	57.6	13.1
686	2010/06/21 04:29:59	0.875	61.9	12.1
687	2010/06/21 04:30:02	0.750	59.3	10.1
688	2010/06/21 04:30:03	0.875	61.4	11.1
689	2010/06/21 04:30:06	0.625	58.9	11.9

 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

690	2010/06/21 04:30:08	0.750	60.4	10.1
691	2010/06/21 04:30:10	0.875	59.8	10.2
692	2010/06/21 04:30:11	1.000	54.1	9.4
693	2010/06/21 04:30:13	0.500	56.1	10.9
694	2010/06/21 04:30:14	1.000	52.9	9.1
695	2010/06/21 04:30:16	0.875	69.3	13.2
696	2010/06/21 04:30:18	0.750	59.2	13.3
697	2010/06/21 04:30:29	0.875	61.5	12.5
698	2010/06/21 04:30:31	0.875	61.6	11.5
699	2010/06/21 04:30:33	0.625	60.6	11.3
700	2010/06/21 04:30:37	0.500	58.4	13.5
701	2010/06/21 04:30:43	0.750	60.9	11.0
702	2010/06/21 04:30:49	0.750	51.9	9.5
703	2010/06/21 04:30:52	1.000	50.6	13.8
704	2010/06/21 04:30:53	0.500	57.5	12.1
705	2010/06/21 04:30:56	0.750	50.8	10.9
706	2010/06/21 04:31:02	0.750	60.9	9.8
707	2010/06/21 04:31:14	1.000	58.3	8.8
708	2010/06/21 04:31:38	0.750	59.9	10.7
709	2010/06/21 04:31:39	0.625	59.5	10.5
710	2010/06/21 04:31:43	0.750	74.4	10.3
711	2010/06/21 04:32:02	0.875	66.5	8.2
712	2010/06/21 04:32:09	0.750	66.9	9.0
713	2010/06/21 04:32:47	0.750	54.5	8.7
714	2010/06/21 04:32:58	0.875	60.6	10.8
715	2010/06/21 04:33:05	0.750	67.5	10.2
716	2010/06/21 04:33:10	0.750	57.7	10.6
717	2010/06/21 04:33:13	1.000	70.1	10.7
718	2010/06/21 04:33:24	0.625	55.3	9.5
719	2010/06/21 04:33:28	0.875	65.9	9.3
720	2010/06/21 04:33:38	0.875	73.5	8.9
721	2010/06/21 04:33:43	0.750	64.9	6.7
722	2010/06/21 04:33:48	0.625	74.3	10.0



723	2010/06/21 04:33:57	0.875	56.7	8.4
724	2010/06/21 04:34:00	0.750	54.2	9.2
725	2010/06/21 04:34:05	0.625	51.1	9.0
726	2010/06/21 04:34:13	0.875	69.3	10.9
727	2010/06/21 04:34:16	0.750	62.1	8.7
728	2010/06/21 04:38:20	0.750	56.6	11.2
729	2010/06/21 04:38:22	0.625	54.3	9.3
730	2010/06/21 04:39:36	0.875	61.1	10.9
731	2010/06/21 04:39:48	0.625	64.5	12.0
732	2010/06/21 04:40:03	0.500	67.3	13.5
733	2010/06/21 04:40:05	0.625	58.0	14.2
734	2010/06/21 04:40:08	1.000	66.8	11.5
735	2010/06/21 04:40:12	0.625	60.0	11.4
736	2010/06/21 04:40:15	0.625	69.4	9.1
737	2010/06/21 04:40:18	1.000	67.7	8.0
738	2010/06/21 04:40:43	0.625	78.5	9.7
739	2010/06/21 04:40:50	0.875	74.9	10.0
740	2010/06/21 04:40:52	1.000	65.5	10.3
741	2010/06/21 04:41:10	1.000	66.4	11.0
742	2010/06/21 04:41:13	0.875	60.5	7.5
743	2010/06/21 04:41:20	0.625	82.4	11.0
744	2010/06/21 04:41:24	0.875	69.4	9.3
745	2010/06/21 04:41:41	1.000	68.5	11.0
746	2010/06/21 04:41:42	0.875	61.9	9.3
747	2010/06/21 04:41:45	0.750	67.3	11.6
748	2010/06/21 04:42:19	0.625	67.9	12.8
749	2010/06/21 04:43:01	0.625	72.9	8.6
750	2010/06/21 04:43:07	0.750	64.5	10.8
751	2010/06/21 04:44:47	0.750	67.2	6.8
752	2010/06/21 04:45:17	0.750	60.7	10.5
753	2010/06/21 04:47:08	0.875	55.4	11.2
754	2010/06/21 04:48:00	1.000	63.3	12.0
755	2010/06/21 04:48:06	0.500	71.1	12.5

756	2010/06/21 04:48:08	0.875	65.5	9.3
757	2010/06/21 04:48:27	0.500	63.7	13.6
758	2010/06/21 04:48:28	0.750	54.9	14.0
759	2010/06/21 04:50:42	1.000	65.1	9.4
760	2010/06/21 04:50:59	0.625	74.9	13.2
761	2010/06/21 04:51:13	0.625	53.3	11.0
762	2010/06/21 04:51:19	0.500	62.8	13.3
763	2010/06/21 04:51:21	0.500	72.6	13.9
764	2010/06/21 04:51:28	1.000	62.6	12.6
765	2010/06/21 04:51:30	0.500	53.4	12.3
766	2010/06/21 04:51:53	0.625	57.2	13.0
767	2010/06/21 04:52:48	0.875	49.4	11.6
768	2010/06/21 04:52:56	0.625	53.7	12.6
769	2010/06/21 04:53:00	0.500	54.8	12.8
770	2010/06/21 04:53:03	0.875	49.1	11.4
771	2010/06/21 04:53:06	0.500	54.4	13.1
772	2010/06/21 04:53:14	0.625	52.7	12.4
773	2010/06/21 04:53:21	0.500	59.3	13.8
774	2010/06/21 04:53:58	0.625	59.2	13.3
775	2010/06/21 04:54:00	0.500	66.1	13.1
776	2010/06/21 04:54:57	0.500	64.8	13.0
777	2010/06/21 04:55:40	0.500	66.3	13.7
778	2010/06/21 04:56:01	0.500	68.3	13.8
779	2010/06/21 04:56:04	0.625	70.8	13.2
780	2010/06/21 04:56:52	0.500	68.1	12.9
781	2010/06/21 04:57:44	0.625	75.9	11.1
782	2010/06/21 04:57:54	1.000	74.5	7.5
783	2010/06/21 04:58:03	1.000	64.9	8.8
784	2010/06/21 04:58:11	0.875	74.5	9.4
785	2010/06/21 05:00:14	1.000	71.5	7.3
786	2010/06/21 05:02:24	0.625	57.3	10.0
787	2010/06/21 05:03:37	0.625	57.2	11.7
788	2010/06/21 05:05:35	0.625	59.1	12.6

789	2010/06/21 05:06:19	0.625	56.5	11.6
790	2010/06/21 05:07:01	0.625	54.3	11.9
791	2010/06/21 05:16:56	0.750	76.0	9.2
792	2010/06/21 05:16:58	0.750	66.1	8.5
793	2010/06/21 05:17:02	0.875	57.2	7.8
794	2010/06/21 05:21:06	0.625	60.5	12.6
795	2010/06/21 05:21:18	0.500	65.5	13.0
796	2010/06/21 05:21:36	0.500	65.5	13.1
797	2010/06/21 05:21:40	0.500	64.4	12.6
798	2010/06/21 05:21:44	0.500	63.0	12.8
799	2010/06/21 05:21:59	0.625	65.2	12.8
800	2010/06/21 05:22:10	0.875	57.3	12.2
801	2010/06/21 05:23:22	0.625	66.8	12.4
802	2010/06/21 05:24:02	0.750	71.2	7.8
803	2010/06/21 05:24:04	0.750	64.8	8.7
804	2010/06/21 05:24:09	0.875	70.2	12.4
805	2010/06/21 05:24:11	0.875	67.0	9.9
806	2010/06/21 05:27:38	0.625	60.9	12.1
807	2010/06/21 05:27:59	0.750	60.8	11.1
808	2010/06/21 05:28:03	1.000	56.5	8.8
809	2010/06/21 05:28:17	0.625	53.5	11.5
810	2010/06/21 05:28:34	0.875	58.5	8.3
811	2010/06/21 05:28:35	0.750	57.2	10.3
812	2010/06/21 05:28:38	0.875	60.2	7.6
813	2010/06/21 05:28:50	0.500	61.1	12.9
814	2010/06/21 05:28:55	1.000	60.5	7.5
815	2010/06/21 05:29:53	0.750	59.3	12.1
816	2010/06/21 05:29:55	0.750	63.5	11.3
817	2010/06/21 05:30:00	0.750	68.7	9.0
818	2010/06/21 05:30:04	0.875	63.4	10.2
819	2010/06/21 05:30:07	1.000	71.9	9.4
820	2010/06/21 05:30:17	1.000	53.4	11.4
821	2010/06/21 05:30:37	0.625	62.2	12.1

822	2010/06/21 05:30:55	0.625	60.4	12.0
823	2010/06/21 05:31:02	0.625	57.2	11.5
824	2010/06/21 05:31:03	0.750	60.2	10.3
825	2010/06/21 05:31:05	0.750	53.6	9.8
826	2010/06/21 05:31:47	0.875	59.3	11.5
827	2010/06/21 05:31:54	0.625	67.0	9.6
828	2010/06/21 05:31:59	1.000	68.1	8.5
829	2010/06/21 05:32:19	1.000	64.3	9.1
830	2010/06/21 05:32:23	0.750	59.4	8.4
831	2010/06/21 05:32:24	0.750	60.9	9.8
832	2010/06/21 05:32:32	0.875	66.8	8.8
833	2010/06/21 05:32:52	1.000	53.9	9.4
834	2010/06/21 05:37:31	0.750	75.4	9.6
835	2010/06/21 05:37:52	1.000	66.1	9.8
836	2010/06/21 05:37:58	1.000	60.9	8.7
837	2010/06/21 05:39:17	0.875	63.1	9.9
838	2010/06/21 05:39:24	0.875	69.3	9.7
839	2010/06/21 05:40:01	0.625	65.0	12.5
840	2010/06/21 05:42:58	0.750	65.1	12.0
841	2010/06/21 05:43:00	0.500	67.2	11.7
842	2010/06/21 05:43:57	0.750	60.0	10.9
843	2010/06/21 05:44:04	0.625	66.3	11.9
844	2010/06/21 05:44:05	0.625	66.1	9.7
845	2010/06/21 05:44:09	0.875	65.4	8.5
846	2010/06/21 05:44:16	0.750	78.1	10.0
847	2010/06/21 05:44:29	1.000	62.3	8.3
848	2010/06/21 05:44:39	0.750	68.0	10.3
849	2010/06/21 05:45:23	0.750	53.4	6.9
850	2010/06/21 05:45:58	0.875	68.4	12.3
851	2010/06/21 05:46:02	0.750	63.1	11.5
852	2010/06/21 05:46:41	0.625	57.5	9.3
853	2010/06/21 05:47:05	1.000	56.8	10.6
854	2010/06/21 05:47:35	0.750	71.0	9.7

855	2010/06/21 05:47:39	0.750	61.2	8.1
856	2010/06/21 05:47:49	0.750	58.8	10.0
857	2010/06/21 05:47:55	0.750	52.6	10.7
858	2010/06/21 05:47:59	0.875	57.2	10.7
859	2010/06/21 05:48:02	0.625	58.1	11.2
860	2010/06/21 05:48:30	0.875	74.0	10.0
861	2010/06/21 05:48:34	1.000	59.2	9.9
862	2010/06/21 05:48:35	0.500	63.0	11.7
863	2010/06/21 05:48:38	0.500	60.9	12.2
864	2010/06/21 05:48:47	0.625	55.6	11.5
865	2010/06/21 05:50:10	0.875	63.2	11.3
866	2010/06/21 05:50:25	0.875	55.3	10.0
867	2010/06/21 05:56:17	0.625	59.0	11.5
868	2010/06/21 05:56:26	0.625	59.3	9.9
869	2010/06/21 05:58:13	0.750	50.7	8.5
870	2010/06/21 05:59:02	0.625	59.5	12.1
871	2010/06/21 05:59:03	0.750	57.1	10.4
872	2010/06/21 05:59:20	0.750	59.8	11.2
873	2010/06/21 06:00:26	1.000	61.2	7.4
874	2010/06/21 06:00:30	0.875	65.9	9.6
875	2010/06/21 06:00:38	1.000	62.3	9.1
876	2010/06/21 06:01:03	0.875	66.1	11.6
877	2010/06/21 06:01:05	0.625	67.9	9.3
878	2010/06/21 06:01:50	0.875	70.1	9.5
879	2010/06/21 06:01:54	0.625	72.9	11.5
880	2010/06/21 06:02:21	0.875	59.3	9.5
881	2010/06/21 06:02:47	0.750	58.4	10.6
882	2010/06/21 06:03:29	0.875	82.1	9.1
883	2010/06/21 06:04:12	0.625	72.0	10.7
884	2010/06/21 06:04:44	0.625	60.4	8.4
885	2010/06/21 06:04:51	0.875	70.9	10.9
886	2010/06/21 06:04:56	1.000	56.9	9.2
887	2010/06/21 06:05:00	0.750	56.3	9.9

888	2010/06/21 06:05:04	0.875	67.4	10.4
889	2010/06/21 06:05:06	0.625	63.4	8.2
890	2010/06/21 06:05:20	1.000	74.8	8.2
891	2010/06/21 06:05:24	0.875	76.7	8.8
892	2010/06/21 06:05:25	0.875	79.3	9.7
893	2010/06/21 06:05:28	0.500	64.0	10.0
894	2010/06/21 06:05:39	0.875	56.3	10.6
895	2010/06/21 06:05:54	1.000	72.8	10.3
896	2010/06/21 06:06:05	0.875	81.3	7.4
897	2010/06/21 06:07:03	0.750	68.2	9.3
898	2010/06/21 06:07:09	0.625	66.9	11.7
899	2010/06/21 06:07:20	0.625	64.8	11.1
900	2010/06/21 06:07:22	0.750	67.0	8.3
901	2010/06/21 06:07:48	0.875	71.8	8.5
902	2010/06/21 06:08:26	1.000	67.1	7.3
903	2010/06/21 06:09:49	1.000	67.0	10.9
904	2010/06/21 06:10:37	0.875	76.1	9.3
905	2010/06/21 06:10:43	0.875	77.2	11.0
906	2010/06/21 06:10:44	0.625	73.8	9.2
907	2010/06/21 06:11:25	1.000	77.6	9.4
908	2010/06/21 06:11:27	0.750	72.1	9.2
909	2010/06/21 06:11:38	0.750	59.7	9.1
910	2010/06/21 06:11:43	0.875	69.1	11.2
911	2010/06/21 06:11:48	1.000	77.7	9.5
912	2010/06/21 06:12:01	1.000	72.7	11.4
913	2010/06/21 06:12:04	0.875	62.1	9.8
914	2010/06/21 06:12:09	0.875	73.5	9.2
915	2010/06/21 06:12:14	0.875	73.1	10.3
916	2010/06/21 06:13:33	0.625	77.2	11.6
917	2010/06/21 06:14:12	0.875	60.7	6.9
918	2010/06/21 06:16:15	0.750	56.8	11.6
919	2010/06/21 06:16:57	0.625	58.3	11.1
920	2010/06/21 06:17:24	0.750	63.1	9.5

921	2010/06/21 06:17:34	0.875	58.2	11.7
922	2010/06/21 06:19:07	1.000	68.9	10.0
923	2010/06/21 06:19:50	0.875	76.1	8.9
924	2010/06/21 06:20:17	0.875	67.5	11.0
925	2010/06/21 06:20:32	0.875	65.2	9.2
926	2010/06/21 06:20:35	0.750	58.5	9.2
927	2010/06/21 06:20:37	0.750	79.0	9.3
928	2010/06/21 06:20:42	0.625	63.2	6.4
929	2010/06/21 06:21:12	0.500	56.1	12.9
930	2010/06/21 06:21:26	1.000	53.1	8.6
931	2010/06/21 06:25:55	0.625	76.8	11.3
932	2010/06/21 06:27:05	0.625	55.3	12.3
933	2010/06/21 06:27:23	0.750	73.0	10.4
934	2010/06/21 06:29:13	0.625	58.1	9.4
935	2010/06/21 06:29:16	0.750	65.8	11.4
936	2010/06/21 06:29:18	0.875	66.3	10.5
937	2010/06/21 06:29:26	0.750	68.4	9.2
938	2010/06/21 06:29:27	0.875	67.9	8.3
939	2010/06/21 06:29:32	0.875	67.0	8.2
940	2010/06/21 06:29:53	0.625	65.0	11.2
941	2010/06/21 06:33:14	0.875	55.5	10.3
942	2010/06/21 06:33:18	1.000	54.5	10.3
943	2010/06/21 06:35:27	0.625	65.9	11.1
944	2010/06/21 06:35:35	0.875	70.4	7.8
945	2010/06/21 06:36:09	0.875	56.3	10.3
946	2010/06/21 06:36:11	0.875	62.3	11.7
947	2010/06/21 06:41:07	0.875	61.1	10.0
948	2010/06/21 06:41:08	0.875	60.7	8.3
949	2010/06/21 06:41:17	0.625	73.5	9.0
950	2010/06/21 06:42:38	1.000	63.9	11.4
951	2010/06/21 06:46:55	0.750	61.3	9.9
952	2010/06/21 06:46:56	0.750	66.6	8.8
953	2010/06/21 06:47:01	0.625	65.6	8.7

954	2010/06/21 06:47:22	0.625	64.0	10.8
955	2010/06/21 06:48:45	1.000	65.0	9.1
956	2010/06/21 06:48:46	0.625	62.6	9.2
957	2010/06/21 06:52:28	0.875	68.7	8.6
958	2010/06/21 06:58:25	0.875	60.2	10.6
959	2010/06/21 07:00:18	0.750	64.4	6.2
960	2010/06/21 07:00:22	0.875	65.2	7.7
961	2010/06/21 07:00:32	0.750	62.4	7.5
962	2010/06/21 07:00:35	0.625	64.4	9.2
963	2010/06/21 07:02:37	1.000	58.4	9.6
964	2010/06/21 07:02:44	0.500	65.6	10.9
965	2010/06/21 07:05:35	0.625	66.9	8.8
966	2010/06/21 07:07:13	0.875	60.2	8.7
967	2010/06/21 07:15:09	0.625	63.1	10.7
968	2010/06/21 07:15:11	0.875	59.4	8.4
969	2010/06/21 07:15:24	0.875	76.0	9.9
970	2010/06/21 07:15:28	0.625	65.6	9.4
971	2010/06/21 07:15:31	0.750	60.7	10.9
972	2010/06/21 07:18:14	0.625	64.0	7.5
973	2010/06/21 07:18:44	0.750	69.2	10.9
974	2010/06/21 07:18:50	1.000	67.4	7.1
975	2010/06/21 07:20:46	0.875	63.5	10.2
976	2010/06/21 07:20:52	0.875	63.6	9.9
977	2010/06/21 07:20:56	1.000	63.2	7.6
978	2010/06/21 07:21:14	1.000	63.9	9.5
979	2010/06/21 07:22:18	0.750	82.4	11.3
980	2010/06/21 07:22:20	0.875	69.6	12.0
981	2010/06/21 07:22:41	0.625	67.6	11.9
982	2010/06/21 07:22:51	0.625	81.8	8.4
983	2010/06/21 07:22:52	0.750	77.9	7.5
984	2010/06/21 07:23:07	0.750	63.4	11.1
985	2010/06/21 07:23:56	0.875	65.6	9.9
986	2010/06/21 07:24:14	0.625	65.1	8.8



987	2010/06/21 07:24:42	0.875	58.9	10.5
988	2010/06/21 07:25:19	0.625	63.3	12.0
989	2010/06/21 07:25:37	1.000	79.9	8.4
990	2010/06/21 07:26:26	1.000	63.0	10.1
991	2010/06/21 07:27:28	0.875	68.7	11.5
992	2010/06/21 07:27:30	0.875	61.5	8.1
993	2010/06/21 07:27:34	0.625	71.7	10.5
994	2010/06/21 07:28:56	0.625	80.6	9.1
995	2010/06/21 07:30:12	1.000	70.9	7.1
996	2010/06/21 07:30:30	0.625	64.7	9.1
997	2010/06/21 07:30:41	0.750	79.4	9.0
998	2010/06/21 07:31:43	0.875	76.6	7.9
999	2010/06/21 07:31:51	0.625	73.2	9.9
1000	2010/06/21 07:31:56	1.000	70.0	6.7
1001	2010/06/21 07:32:27	1.000	69.2	7.6
1002	2010/06/21 07:32:35	0.625	68.9	8.5
1003	2010/06/21 07:32:48	0.875	73.4	10.6
1004	2010/06/21 07:34:25	1.000	65.9	11.6
1005	2010/06/21 07:34:34	0.750	66.4	9.6
1006	2010/06/21 07:34:45	0.750	61.5	8.4
1007	2010/06/21 07:34:47	0.625	67.7	10.1
1008	2010/06/21 07:35:32	0.625	68.3	10.8
1009	2010/06/21 07:35:41	1.000	64.8	9.7
1010	2010/06/21 07:36:09	1.000	70.7	11.7
1011	2010/06/21 07:36:27	1.000	68.5	11.9
1012	2010/06/21 07:38:05	0.875	67.9	10.4
1013	2010/06/21 07:39:56	0.625	65.4	6.5
1014	2010/06/21 07:39:57	0.750	64.5	6.4
1015	2010/06/21 07:40:12	0.750	60.8	7.8
1016	2010/06/21 07:40:19	0.750	64.9	10.2
1017	2010/06/21 07:41:37	0.625	65.1	9.2
1018	2010/06/21 07:57:34	0.875	66.3	8.5
1019	2010/06/21 07:57:43	0.750	75.2	9.8

1020	2010/06/21 08:01:10	0.625	72.2	12.0
1021	2010/06/21 08:01:13	0.750	67.9	10.2
1022	2010/06/21 08:03:32	0.875	74.9	7.6
1023	2010/06/21 08:07:59	1.000	58.7	6.9
1024	2010/06/21 08:17:38	0.625	58.5	9.9
1025	2010/06/21 08:19:27	0.750	58.3	7.1
1026	2010/06/21 08:22:52	0.500	68.0	11.8
1027	2010/06/21 08:26:55	1.000	68.1	9.0
1028	2010/06/21 08:27:07	1.000	64.4	7.9
1029	2010/06/21 08:27:33	0.750	71.5	9.5
1030	2010/06/21 08:33:56	0.750	63.4	10.9
1031	2010/06/21 08:34:48	0.500	81.6	11.8
1032	2010/06/21 08:38:45	0.875	63.4	9.6
1033	2010/06/21 08:39:12	0.750	62.7	9.3
1034	2010/06/21 08:39:14	1.000	67.9	8.9
1035	2010/06/21 08:39:15	0.625	71.0	9.4
1036	2010/06/21 08:42:39	1.000	66.9	8.6
1037	2010/06/21 08:42:56	0.875	66.6	9.6
1038	2010/06/21 08:43:03	0.875	70.3	7.8
1039	2010/06/21 08:43:32	0.625	72.9	10.9
1040	2010/06/21 08:44:18	0.625	66.9	10.5
1041	2010/06/21 08:46:00	0.750	66.1	10.0
1042	2010/06/21 08:50:33	1.000	74.7	11.0
1043	2010/06/21 08:50:41	0.875	66.6	10.1
1044	2010/06/21 08:51:16	0.625	72.0	10.6
1045	2010/06/21 08:52:30	1.000	60.3	11.4
1046	2010/06/21 08:53:52	1.000	69.9	9.2
1047	2010/06/21 08:53:53	1.000	72.0	11.3
1048	2010/06/21 08:54:08	0.625	64.3	10.4
1049	2010/06/21 08:54:09	0.875	67.3	11.3
1050	2010/06/21 08:54:49	0.625	63.5	9.9
1051	2010/06/21 08:58:28	0.750	70.7	10.7
1052	2010/06/21 08:59:58	0.750	63.9	9.0

1053	2010/06/21 09:00:01	0.625	63.3	8.5
1054	2010/06/21 09:00:37	0.750	76.4	10.6
1055	2010/06/21 09:04:03	0.625	65.1	11.4
1056	2010/06/21 09:05:10	1.000	66.1	10.2
1057	2010/06/21 09:05:14	0.625	64.5	11.1
1058	2010/06/21 09:05:16	1.000	73.3	8.0
1059	2010/06/21 09:05:21	0.750	77.3	11.2
1060	2010/06/21 09:05:25	0.750	67.9	9.1
1061	2010/06/21 09:05:47	1.000	74.7	7.0
1062	2010/06/21 09:05:48	0.625	71.4	7.1
1063	2010/06/21 09:06:01	0.625	63.9	10.6
1064	2010/06/21 09:06:15	0.875	82.4	10.7
1065	2010/06/21 09:07:13	0.625	67.2	11.2
1066	2010/06/21 09:07:14	0.750	61.9	10.4
1067	2010/06/21 09:08:28	0.750	67.6	8.3
1068	2010/06/21 09:10:17	1.000	66.3	9.8
1069	2010/06/21 09:10:36	0.750	65.6	8.0
1070	2010/06/21 09:10:38	0.750	66.3	7.8
1071	2010/06/21 09:10:41	1.000	65.6	9.6
1072	2010/06/21 09:11:12	0.750	64.8	8.9
1073	2010/06/21 09:11:17	0.750	63.7	6.8
1074	2010/06/21 09:11:20	0.750	64.6	8.3
1075	2010/06/21 09:11:36	0.750	66.7	8.9
1076	2010/06/21 09:12:27	0.750	64.1	8.1
1077	2010/06/21 09:13:13	1.000	61.8	8.1
1078	2010/06/21 09:16:01	0.875	66.5	9.7
1079	2010/06/21 09:18:01	0.750	66.9	8.5
1080	2010/06/21 09:22:49	0.750	65.4	10.1
1081	2010/06/21 09:23:19	1.000	67.2	7.8
1082	2010/06/21 09:23:39	0.750	65.9	9.9
1083	2010/06/21 09:24:12	0.750	72.4	8.4
1084	2010/06/21 09:24:34	0.625	63.8	11.7
1085	2010/06/21 09:24:36	0.750	59.2	10.1

1086	2010/06/21 09:24:39	0.625	62.1	9.5
1087	2010/06/21 09:45:22	1.000	66.6	9.2
1088	2010/06/21 09:48:44	0.625	65.6	10.4
1089	2010/06/21 09:48:48	0.750	80.9	10.3
1090	2010/06/21 09:48:51	0.750	79.5	9.7
1091	2010/06/21 09:48:57	0.750	75.4	11.0
1092	2010/06/21 09:49:11	0.625	76.5	10.2
1093	2010/06/21 09:49:16	0.750	73.5	7.9
1094	2010/06/21 09:49:21	0.625	75.8	10.0
1095	2010/06/21 09:49:49	1.000	68.9	10.3
1096	2010/06/21 09:49:51	1.000	67.9	9.1
1097	2010/06/21 09:49:58	0.750	73.5	10.8
1098	2010/06/21 09:50:12	0.750	74.1	9.7
1099	2010/06/21 09:50:30	0.875	62.0	9.8
1100	2010/06/21 09:54:02	0.875	64.8	9.0
1101	2010/06/21 09:54:06	0.875	77.6	9.7
1102	2010/06/21 09:54:53	0.875	78.4	9.8
1103	2010/06/21 09:55:05	0.625	76.0	8.5
1104	2010/06/21 09:55:13	0.750	82.3	9.5
1105	2010/06/21 09:55:20	0.625	80.2	11.7
1106	2010/06/21 09:55:25	0.625	78.5	8.9
1107	2010/06/21 09:55:31	0.625	83.2	12.7
1108	2010/06/21 09:56:06	0.750	77.3	9.6
1109	2010/06/21 09:56:17	1.000	77.1	9.7
1110	2010/06/21 09:56:22	0.625	75.6	10.4
1111	2010/06/21 09:56:38	0.625	68.4	10.0
1112	2010/06/21 09:56:49	0.750	75.2	7.6
1113	2010/06/21 09:56:50	0.750	71.2	8.3
1114	2010/06/21 09:56:53	0.750	77.4	9.0
1115	2010/06/21 09:57:39	1.000	84.6	7.9
1116	2010/06/21 09:57:56	0.750	75.0	10.7
1117	2010/06/21 09:58:20	0.625	69.3	9.6
1118	2010/06/21 09:58:31	0.875	63.0	7.8

1119	2010/06/21 09:58:32	1.000	69.4	11.3
1120	2010/06/21 09:58:36	0.750	75.4	10.5
1121	2010/06/21 09:59:00	0.750	66.5	9.6
1122	2010/06/21 09:59:39	1.000	65.5	11.1
1123	2010/06/21 09:59:40	0.750	66.8	10.5
1124	2010/06/21 10:01:42	0.750	66.7	11.5
1125	2010/06/21 10:01:47	0.750	70.9	11.8
1126	2010/06/21 10:02:48	0.750	70.0	9.7
1127	2010/06/21 10:02:49	0.625	73.1	9.5
1128	2010/06/21 10:02:55	0.750	79.3	9.8
1129	2010/06/21 10:02:57	0.875	82.0	10.5
1130	2010/06/21 10:03:58	0.750	78.0	10.5
1131	2010/06/21 10:04:48	0.625	77.5	10.3
1132	2010/06/21 10:05:29	0.875	76.4	9.4
1133	2010/06/21 10:06:11	0.625	79.5	7.2
1134	2010/06/21 10:06:39	0.750	72.6	6.7
1135	2010/06/21 10:06:45	0.750	75.8	9.2
1136	2010/06/21 10:06:54	0.750	74.3	9.9
1137	2010/06/21 10:07:01	0.875	71.1	7.5
1138	2010/06/21 10:07:03	0.625	73.5	9.8
1139	2010/06/21 10:07:55	0.750	76.3	10.9
1140	2010/06/21 10:08:00	0.750	75.6	9.2
1141	2010/06/21 10:08:12	1.000	81.4	9.5
1142	2010/06/21 10:08:16	0.625	69.0	10.0
1143	2010/06/21 10:08:23	1.000	75.5	8.1
1144	2010/06/21 10:08:37	0.750	75.9	10.5
1145	2010/06/21 10:08:41	1.000	69.9	7.4
1146	2010/06/21 10:08:55	1.000	72.0	11.6
1147	2010/06/21 10:08:57	0.750	68.2	7.6
1148	2010/06/21 10:08:59	0.625	71.4	10.6
1149	2010/06/21 10:09:01	1.000	68.9	7.9
1150	2010/06/21 10:09:18	1.000	79.5	8.6
1151	2010/06/21 10:09:23	0.875	77.9	9.1

1152	2010/06/21 10:09:26	0.625	81.3	11.0
1153	2010/06/21 10:09:31	0.750	71.7	10.5
1154	2010/06/21 10:09:32	0.875	65.8	9.0
1155	2010/06/21 10:09:37	0.625	70.7	9.2
1156	2010/06/21 10:09:38	0.750	73.3	9.0
1157	2010/06/21 10:10:02	0.750	69.9	7.8
1158	2010/06/21 10:10:06	0.625	73.5	10.1
1159	2010/06/21 10:11:02	1.000	78.9	6.7
1160	2010/06/21 10:11:07	0.750	74.2	10.8
1161	2010/06/21 10:11:08	1.000	71.1	8.4
1162	2010/06/21 10:11:26	1.000	76.2	9.5
1163	2010/06/21 10:11:45	0.875	81.6	10.4
1164	2010/06/21 10:11:56	0.750	78.3	8.8
1165	2010/06/21 10:12:11	0.750	76.3	8.9
1166	2010/06/21 10:12:13	0.875	78.9	9.7
1167	2010/06/21 10:13:01	0.750	75.9	9.3
1168	2010/06/21 10:13:09	0.875	74.1	9.6
1169	2010/06/21 10:13:17	0.875	66.0	11.7
1170	2010/06/21 10:13:25	0.625	70.9	10.3
1171	2010/06/21 10:13:28	0.750	76.2	11.8
1172	2010/06/21 10:13:29	0.625	75.3	9.0
1173	2010/06/21 10:13:42	0.875	70.3	7.5
1174	2010/06/21 10:13:46	1.000	79.8	9.9
1175	2010/06/21 10:14:10	0.750	69.3	8.1
1176	2010/06/21 10:14:33	0.875	68.0	7.9
1177	2010/06/21 10:14:41	0.750	65.1	9.6
1178	2010/06/21 10:14:48	0.875	77.3	11.7
1179	2010/06/21 10:14:53	0.750	67.7	11.2
1180	2010/06/21 10:15:23	0.875	68.7	6.5
1181	2010/06/21 10:15:35	1.000	77.3	7.7
1182	2010/06/21 10:15:50	1.000	75.6	10.2
1183	2010/06/21 10:16:03	0.875	75.2	11.7
1184	2010/06/21 10:16:13	0.750	79.4	8.2

1185	2010/06/21 10:16:24	1.000	78.8	8.5
1186	2010/06/21 10:16:29	1.000	78.5	8.5
1187	2010/06/21 10:16:31	0.875	80.5	7.6
1188	2010/06/21 10:16:35	0.875	74.1	9.1
1189	2010/06/21 10:17:25	1.000	67.4	7.6
1190	2010/06/21 10:18:08	0.750	83.1	9.8
1191	2010/06/21 10:18:19	0.875	84.2	9.7
1192	2010/06/21 10:18:23	1.000	77.9	8.7
1193	2010/06/21 10:18:28	0.625	79.3	9.2
1194	2010/06/21 10:18:29	0.875	84.6	9.4
1195	2010/06/21 10:18:41	0.625	72.4	10.2
1196	2010/06/21 10:18:46	0.750	81.1	10.5
1197	2010/06/21 10:18:56	0.750	73.5	10.0
1198	2010/06/21 10:19:11	0.875	69.5	8.3
1199	2010/06/21 10:19:17	0.750	75.8	11.7
1200	2010/06/21 10:19:18	0.750	71.0	9.4
1201	2010/06/21 10:19:36	0.625	62.2	10.5
1202	2010/06/21 10:21:11	0.750	81.9	9.0
1203	2010/06/21 10:21:17	0.875	73.4	8.5
1204	2010/06/21 10:21:30	0.750	67.4	10.5
1205	2010/06/21 10:22:01	0.750	68.1	10.0
1206	2010/06/21 10:22:11	0.750	80.5	8.0
1207	2010/06/21 10:22:20	0.750	77.7	10.7
1208	2010/06/21 10:22:34	1.000	74.7	9.1
1209	2010/06/21 10:22:47	0.875	74.0	11.1
1210	2010/06/21 10:23:23	0.625	70.9	11.7
1211	2010/06/21 10:23:33	1.000	73.8	9.4
1212	2010/06/21 10:23:36	0.625	66.6	8.1
1213	2010/06/21 10:23:44	0.500	71.0	11.0
1214	2010/06/21 10:23:50	1.000	66.3	10.0
1215	2010/06/21 10:23:52	0.625	64.3	10.0
1216	2010/06/21 10:27:32	0.875	75.3	10.3
1217	2010/06/21 10:27:36	0.750	77.7	7.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1218	2010/06/21 10:28:15	1.000	76.8	7.3
1219	2010/06/21 10:29:23	0.625	69.7	11.3
1220	2010/06/21 10:29:41	0.875	69.8	10.3
1221	2010/06/21 10:29:50	0.750	80.1	8.4
1222	2010/06/21 10:30:18	1.000	70.0	10.9
1223	2010/06/21 10:30:34	0.750	67.0	10.7
1224	2010/06/21 10:31:30	0.625	67.6	9.7
1225	2010/06/21 10:34:00	0.750	67.9	8.8
1226	2010/06/21 10:34:04	0.625	64.8	9.2
1227	2010/06/21 10:34:05	0.625	65.3	10.5
1228	2010/06/21 10:34:09	0.875	73.2	10.0
1229	2010/06/21 10:34:42	0.750	65.7	9.4
1230	2010/06/21 10:37:06	0.750	64.9	9.4
1231	2010/06/21 10:38:08	0.875	65.1	11.2
1232	2010/06/21 10:38:56	0.875	74.8	9.9
1233	2010/06/21 10:39:00	0.750	71.4	11.4
1234	2010/06/21 10:39:08	0.875	78.3	9.1
1235	2010/06/21 10:39:30	0.875	66.0	8.1
1236	2010/06/21 10:39:37	1.000	75.6	9.0
1237	2010/06/21 10:39:39	0.750	74.0	8.8
1238	2010/06/21 10:40:21	0.750	69.0	8.0
1239	2010/06/21 10:40:25	1.000	71.4	8.8
1240	2010/06/21 10:41:04	0.750	75.4	11.5
1241	2010/06/21 10:41:05	1.000	74.9	10.0
1242	2010/06/21 10:41:08	0.875	74.6	9.2
1243	2010/06/21 10:41:11	0.750	64.9	8.0
1244	2010/06/21 10:41:15	1.000	75.8	12.1
1245	2010/06/21 10:41:36	0.750	82.0	11.8
1246	2010/06/21 10:41:37	0.875	81.6	8.3
1247	2010/06/21 10:42:16	0.750	68.4	11.0
1248	2010/06/21 10:43:10	1.000	75.1	9.8
1249	2010/06/21 10:43:16	0.625	73.2	9.8
1250	2010/06/21 10:43:30	0.625	71.1	11.6



1251	2010/06/21 10:43:39	0.750	77.8	11.7
1252	2010/06/21 10:43:51	0.750	63.5	8.9
1253	2010/06/21 10:47:23	0.875	63.2	9.7
1254	2010/06/21 10:47:55	0.625	68.3	8.2
1255	2010/06/21 10:48:01	1.000	84.9	8.6
1256	2010/06/21 10:48:05	0.875	72.4	7.8
1257	2010/06/21 10:48:15	0.625	83.0	11.2
1258	2010/06/21 10:48:34	0.875	73.4	8.0
1259	2010/06/21 10:49:12	0.875	71.1	10.9
1260	2010/06/21 10:49:17	0.750	71.1	11.2
1261	2010/06/21 10:49:28	0.625	72.2	9.3
1262	2010/06/21 10:49:38	1.000	78.5	9.5
1263	2010/06/21 10:49:47	0.750	71.8	10.8
1264	2010/06/21 10:49:48	0.625	73.7	10.4
1265	2010/06/21 10:50:03	1.000	75.7	8.6
1266	2010/06/21 10:50:13	0.875	78.2	9.1
1267	2010/06/21 10:50:38	0.625	68.9	11.4
1268	2010/06/21 10:50:42	1.000	73.2	12.6
1269	2010/06/21 10:51:16	0.625	69.0	10.6
1270	2010/06/21 10:51:34	0.750	64.2	8.3
1271	2010/06/21 10:51:48	0.625	73.3	10.5
1272	2010/06/21 10:52:00	0.875	61.0	9.0
1273	2010/06/21 10:56:23	1.000	77.7	11.3
1274	2010/06/21 10:56:40	1.000	73.3	9.3
1275	2010/06/21 10:56:43	0.625	77.8	10.6
1276	2010/06/21 10:56:49	1.000	79.0	7.9
1277	2010/06/21 11:00:32	0.625	76.6	9.2
1278	2010/06/21 11:00:41	0.875	80.0	10.4
1279	2010/06/21 11:01:13	0.875	70.4	10.9
1280	2010/06/21 11:02:53	0.625	74.6	12.0
1281	2010/06/21 11:02:59	0.875	75.5	8.8
1282	2010/06/21 11:03:17	0.750	86.1	11.4
1283	2010/06/21 11:03:45	0.875	77.1	8.0

1284	2010/06/21 11:03:53	0.750	70.8	7.4
1285	2010/06/21 11:04:19	1.000	76.1	6.5
1286	2010/06/21 11:04:40	0.625	72.4	9.3
1287	2010/06/21 11:05:04	1.000	79.3	9.9
1288	2010/06/21 11:05:20	1.000	76.1	7.9
1289	2010/06/21 11:06:56	0.750	70.0	8.2
1290	2010/06/21 11:06:57	0.500	77.4	11.2
1291	2010/06/21 11:07:00	0.750	73.1	8.2
1292	2010/06/21 11:09:24	1.000	84.2	7.9
1293	2010/06/21 11:09:57	0.750	72.5	10.1
1294	2010/06/21 11:10:47	1.000	74.1	10.4
1295	2010/06/21 11:11:40	0.625	76.5	11.7
1296	2010/06/21 11:11:42	0.875	75.6	9.5
1297	2010/06/21 11:12:07	0.750	80.8	9.2
1298	2010/06/21 11:12:10	0.750	72.6	8.6
1299	2010/06/21 11:12:11	1.000	79.8	9.5
1300	2010/06/21 11:12:15	0.750	69.3	6.3
1301	2010/06/21 11:12:22	0.750	73.2	9.4
1302	2010/06/21 11:12:34	0.625	65.3	8.6
1303	2010/06/21 11:12:52	0.625	71.1	11.3
1304	2010/06/21 11:12:57	0.875	70.9	10.2
1305	2010/06/21 11:13:43	1.000	71.2	11.3
1306	2010/06/21 11:13:53	0.875	81.3	10.7
1307	2010/06/21 11:13:58	0.625	72.8	8.1
1308	2010/06/21 11:14:08	0.625	74.2	9.6
1309	2010/06/21 11:14:12	0.625	73.6	10.3
1310	2010/06/21 11:15:29	0.875	82.0	8.2
1311	2010/06/21 11:16:33	0.750	74.4	11.2
1312	2010/06/21 11:16:37	0.875	83.4	8.4
1313	2010/06/21 11:16:55	1.000	81.5	7.7
1314	2010/06/21 11:17:06	1.000	80.8	11.1
1315	2010/06/21 11:17:16	1.000	76.8	9.9
1316	2010/06/21 11:17:20	0.750	81.6	10.1

1317	2010/06/21 11:18:17	1.000	82.4	7.5
1318	2010/06/21 11:19:09	0.625	73.6	10.3
1319	2010/06/21 11:19:25	0.875	85.9	7.3
1320	2010/06/21 11:20:16	0.625	74.6	9.0
1321	2010/06/21 11:20:30	0.875	87.2	10.0
1322	2010/06/21 11:20:40	0.875	79.7	10.3
1323	2010/06/21 11:21:07	0.875	78.7	7.2
1324	2010/06/21 11:21:12	0.875	82.9	10.2
1325	2010/06/21 11:21:25	0.875	70.6	8.2
1326	2010/06/21 11:21:26	0.750	74.4	8.8
1327	2010/06/21 11:21:48	0.875	79.8	10.3
1328	2010/06/21 11:21:50	1.000	76.7	8.5
1329	2010/06/21 11:21:52	0.875	67.2	9.3
1330	2010/06/21 11:22:05	0.875	73.3	10.2
1331	2010/06/21 11:22:12	0.625	77.7	10.3
1332	2010/06/21 11:22:14	0.750	78.3	10.0
1333	2010/06/21 11:22:46	0.875	81.4	9.9
1334	2010/06/21 11:23:08	0.875	73.8	7.8
1335	2010/06/21 11:23:18	0.875	71.1	9.6
1336	2010/06/21 11:25:15	0.625	74.1	11.1
1337	2010/06/21 11:25:38	1.000	71.1	9.0
1338	2010/06/21 11:26:03	0.625	71.6	11.7
1339	2010/06/21 11:26:13	0.875	75.4	11.2
1340	2010/06/21 11:26:27	0.875	86.8	8.0
1341	2010/06/21 11:26:28	1.000	85.9	7.9
1342	2010/06/21 11:26:35	1.000	79.9	8.0
1343	2010/06/21 11:27:10	1.000	69.4	9.9
1344	2010/06/21 11:27:29	0.625	77.6	10.3
1345	2010/06/21 11:27:43	0.625	76.1	10.2
1346	2010/06/21 11:27:44	0.625	77.2	9.1
1347	2010/06/21 11:28:11	0.625	73.9	10.4
1348	2010/06/21 11:28:17	0.750	76.2	11.0
1349	2010/06/21 11:28:24	0.875	77.0	11.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1350	2010/06/21 11:28:34	0.875	77.4	8.6
1351	2010/06/21 11:28:55	0.875	65.4	10.0
1352	2010/06/21 11:29:25	1.000	80.6	7.6
1353	2010/06/21 11:29:36	0.750	71.5	6.7
1354	2010/06/21 11:29:37	1.000	78.8	10.7
1355	2010/06/21 11:29:45	0.875	83.7	10.5
1356	2010/06/21 11:29:50	0.875	79.4	6.8
1357	2010/06/21 11:29:51	0.875	77.5	6.5
1358	2010/06/21 11:30:07	0.750	73.5	9.5
1359	2010/06/21 11:30:15	0.750	83.7	8.7
1360	2010/06/21 11:30:41	1.000	68.0	7.6
1361	2010/06/21 11:30:53	0.875	71.6	8.3
1362	2010/06/21 11:31:25	0.875	75.5	10.3
1363	2010/06/21 11:31:26	0.875	74.3	7.4
1364	2010/06/21 11:31:33	0.875	80.6	9.2
1365	2010/06/21 11:32:40	1.000	70.8	8.2
1366	2010/06/21 11:32:50	1.000	81.6	8.3
1367	2010/06/21 11:32:52	0.750	75.5	8.2
1368	2010/06/21 11:33:05	0.875	73.5	9.6
1369	2010/06/21 11:33:24	0.625	74.6	10.9
1370	2010/06/21 11:33:26	0.750	76.0	10.1
1371	2010/06/21 11:33:33	0.625	76.6	10.9
1372	2010/06/21 11:35:12	1.000	65.3	10.6
1373	2010/06/21 11:36:25	0.625	72.2	11.6
1374	2010/06/21 11:36:40	0.750	66.1	10.3
1375	2010/06/21 11:39:11	0.625	73.4	11.0
1376	2010/06/21 11:39:23	0.625	65.5	9.7
1377	2010/06/21 11:40:36	0.750	69.9	8.4
1378	2010/06/21 11:40:38	0.625	64.2	8.1
1379	2010/06/21 11:42:37	0.750	71.1	9.7
1380	2010/06/21 11:43:00	0.750	79.2	11.3
1381	2010/06/21 11:43:01	0.750	68.8	11.4
1382	2010/06/21 11:43:06	0.625	80.6	11.6

1383	2010/06/21 11:43:19	0.875	67.0	8.2
1384	2010/06/21 11:43:20	0.625	65.5	8.1
1385	2010/06/21 11:44:28	0.875	79.7	8.4
1386	2010/06/21 11:44:33	0.875	81.8	11.7
1387	2010/06/21 11:44:40	0.875	79.1	9.8
1388	2010/06/21 11:45:19	0.750	72.4	11.2
1389	2010/06/21 11:45:55	0.750	81.0	11.2
1390	2010/06/21 11:46:24	1.000	75.9	7.8
1391	2010/06/21 11:46:33	0.750	75.4	9.2
1392	2010/06/21 11:46:47	1.000	75.3	7.0
1393	2010/06/21 11:48:00	1.000	77.7	9.9
1394	2010/06/21 11:49:08	0.625	80.6	10.7
1395	2010/06/21 11:49:33	1.000	75.0	8.2
1396	2010/06/21 11:49:43	0.750	79.8	11.2
1397	2010/06/21 11:49:44	0.625	80.9	10.3
1398	2010/06/21 11:50:40	0.875	73.9	9.5
1399	2010/06/21 11:50:42	1.000	83.1	10.4
1400	2010/06/21 11:50:49	1.000	74.0	11.0
1401	2010/06/21 11:50:56	0.625	74.4	9.3
1402	2010/06/21 11:51:19	0.875	76.3	8.9
1403	2010/06/21 11:51:33	0.750	77.0	10.3
1404	2010/06/21 11:51:48	1.000	79.7	9.9
1405	2010/06/21 11:51:54	0.875	79.7	10.6
1406	2010/06/21 11:51:56	0.875	79.4	8.0
1407	2010/06/21 11:53:09	1.000	75.6	7.1
1408	2010/06/21 11:53:52	0.875	75.2	9.6
1409	2010/06/21 11:53:55	1.000	79.9	10.4
1410	2010/06/21 11:54:32	1.000	77.0	8.8
1411	2010/06/21 11:55:04	0.875	80.8	9.7
1412	2010/06/21 11:55:06	0.875	75.9	7.4
1413	2010/06/21 11:55:29	0.750	69.4	10.8
1414	2010/06/21 11:57:09	0.875	72.8	10.0
1415	2010/06/21 11:57:34	0.625	75.8	10.5

1416	2010/06/21 11:58:31	0.875	79.4	12.2
1417	2010/06/21 11:58:39	0.875	70.7	10.6
1418	2010/06/21 11:59:08	0.750	69.1	6.5
1419	2010/06/21 11:59:20	1.000	72.8	9.9
1420	2010/06/21 11:59:55	0.875	72.5	9.4
1421	2010/06/21 12:00:25	0.875	69.4	9.3
1422	2010/06/21 12:00:26	0.750	67.6	8.9
1423	2010/06/21 12:00:29	0.625	70.6	12.0
1424	2010/06/21 12:00:33	1.000	67.8	9.1
1425	2010/06/21 12:00:34	1.000	69.9	8.9
1426	2010/06/21 12:01:00	0.625	69.9	11.2
1427	2010/06/21 12:01:24	1.000	71.9	7.1
1428	2010/06/21 12:01:26	0.875	69.5	8.5
1429	2010/06/21 12:03:50	0.875	65.8	8.1
1430	2010/06/21 12:05:01	0.875	81.0	8.0
1431	2010/06/21 12:05:04	0.875	77.8	8.9
1432	2010/06/21 12:06:17	0.625	70.9	9.7
1433	2010/06/21 12:06:58	0.875	74.3	7.1
1434	2010/06/21 12:07:51	0.750	73.7	9.4
1435	2010/06/21 12:08:18	0.875	77.4	10.2
1436	2010/06/21 12:08:19	0.875	76.7	8.8
1437	2010/06/21 12:11:28	0.875	77.1	9.2
1438	2010/06/21 12:12:10	0.750	73.1	9.3
1439	2010/06/21 12:12:54	0.875	71.3	9.5
1440	2010/06/21 12:12:55	0.500	71.7	11.4
1441	2010/06/21 12:13:16	0.875	65.8	7.2
1442	2010/06/21 12:13:44	0.750	80.9	11.2
1443	2010/06/21 12:13:46	0.625	81.0	9.8
1444	2010/06/21 12:13:49	0.750	80.6	7.9
1445	2010/06/21 12:13:56	0.625	69.2	9.3
1446	2010/06/21 12:14:15	0.750	77.9	8.8
1447	2010/06/21 12:14:33	0.625	82.9	10.7
1448	2010/06/21 12:14:40	0.750	78.8	11.7

1449	2010/06/21 12:16:06	0.875	62.6	7.6
1450	2010/06/21 12:16:44	0.750	73.4	11.2
1451	2010/06/21 12:16:46	0.750	79.0	9.0
1452	2010/06/21 12:17:04	1.000	74.9	8.1
1453	2010/06/21 12:17:08	0.625	77.2	8.0
1454	2010/06/21 12:17:12	0.875	68.5	7.6
1455	2010/06/21 12:17:20	0.875	63.0	7.5
1456	2010/06/21 12:17:22	0.750	79.0	10.7
1457	2010/06/21 12:17:24	0.875	80.7	9.6
1458	2010/06/21 12:17:25	0.875	80.5	8.9
1459	2010/06/21 12:18:22	1.000	72.7	10.2
1460	2010/06/21 12:18:29	0.750	64.9	11.6
1461	2010/06/21 12:18:30	0.750	62.6	7.8
1462	2010/06/21 12:18:39	0.875	69.1	10.2
1463	2010/06/21 12:20:56	0.625	72.9	9.8
1464	2010/06/21 12:21:15	0.875	79.7	10.0
1465	2010/06/21 12:21:31	1.000	73.8	9.1
1466	2010/06/21 12:21:33	0.625	75.1	8.2
1467	2010/06/21 12:21:37	0.875	77.1	10.5
1468	2010/06/21 12:22:18	0.875	74.3	8.9
1469	2010/06/21 12:22:21	0.875	67.9	7.5
1470	2010/06/21 12:22:37	0.875	82.1	8.7
1471	2010/06/21 12:22:49	0.875	69.4	8.6
1472	2010/06/21 12:25:07	0.625	79.8	10.4
1473	2010/06/21 12:25:12	1.000	71.3	11.1
1474	2010/06/21 12:25:20	0.875	77.8	8.0
1475	2010/06/21 12:26:30	0.875	80.5	9.8
1476	2010/06/21 12:27:03	0.625	69.5	12.7
1477	2010/06/21 12:27:09	0.875	78.4	9.1
1478	2010/06/21 12:27:10	1.000	71.9	8.0
1479	2010/06/21 12:27:59	0.875	78.7	9.1
1480	2010/06/21 12:28:24	0.625	75.2	9.7
1481	2010/06/21 12:28:56	1.000	74.8	9.1

1482	2010/06/21 12:29:02	1.000	78.3	10.5
1483	2010/06/21 12:29:13	0.750	65.4	9.5
1484	2010/06/21 12:29:14	0.750	73.4	10.7
1485	2010/06/21 12:30:15	0.625	75.9	9.3
1486	2010/06/21 12:30:23	0.750	68.9	10.8
1487	2010/06/21 12:30:52	0.875	75.8	8.2
1488	2010/06/21 12:30:54	0.625	73.4	8.7
1489	2010/06/21 12:31:13	1.000	70.3	6.8
1490	2010/06/21 12:31:26	0.750	79.2	9.9
1491	2010/06/21 12:31:32	0.625	76.3	8.1
1492	2010/06/21 12:31:39	0.750	78.1	10.9
1493	2010/06/21 12:33:01	1.000	72.7	11.0
1494	2010/06/21 12:33:19	1.000	72.5	8.2
1495	2010/06/21 12:33:39	1.000	64.5	10.2
1496	2010/06/21 12:33:55	1.000	63.3	10.3
1497	2010/06/21 12:36:36	0.750	62.1	8.4
1498	2010/06/21 12:37:50	0.750	70.5	10.1
1499	2010/06/21 12:38:04	0.875	65.8	8.2
1500	2010/06/21 12:38:27	0.750	69.6	10.4
1501	2010/06/21 12:39:16	1.000	74.2	10.0
1502	2010/06/21 12:40:55	0.750	76.2	11.0
1503	2010/06/21 12:41:02	0.750	81.1	8.9
1504	2010/06/21 12:41:03	0.750	75.2	8.1
1505	2010/06/21 12:41:24	0.750	70.7	9.0
1506	2010/06/21 12:41:28	1.000	76.0	9.4
1507	2010/06/21 12:41:29	0.750	74.1	8.8
1508	2010/06/21 12:41:31	0.750	72.2	7.9
1509	2010/06/21 12:41:33	0.750	76.2	9.5
1510	2010/06/21 12:41:59	0.875	69.0	8.5
1511	2010/06/21 12:42:02	0.625	66.7	11.3
1512	2010/06/21 12:42:08	0.875	61.4	7.3
1513	2010/06/21 12:44:02	0.750	71.3	11.2
1514	2010/06/21 12:44:25	0.875	76.7	9.2



1515	2010/06/21 12:44:34	0.750	76.7	10.5
1516	2010/06/21 12:44:38	0.875	74.7	10.9
1517	2010/06/21 12:44:42	0.875	74.5	10.3
1518	2010/06/21 12:45:36	0.625	69.7	8.9
1519	2010/06/21 12:46:59	0.750	63.6	10.8
1520	2010/06/21 12:47:08	0.750	71.7	11.8
1521	2010/06/21 12:49:48	0.625	72.5	9.9
1522	2010/06/21 12:50:18	0.750	79.5	11.6
1523	2010/06/21 12:53:11	0.875	75.4	9.5
1524	2010/06/21 12:53:45	0.875	79.7	8.1
1525	2010/06/21 12:54:40	0.875	63.4	8.1
1526	2010/06/21 12:54:48	1.000	78.3	7.6
1527	2010/06/21 12:55:18	1.000	63.0	6.7
1528	2010/06/21 12:55:28	1.000	74.9	10.5
1529	2010/06/21 12:55:36	0.875	67.5	7.7
1530	2010/06/21 12:55:40	0.625	70.3	10.8
1531	2010/06/21 12:55:43	0.875	72.7	11.3
1532	2010/06/21 12:55:52	0.750	79.1	12.0
1533	2010/06/21 12:56:12	0.750	70.1	10.7
1534	2010/06/21 12:56:23	0.875	70.3	11.3
1535	2010/06/21 12:57:32	1.000	65.8	8.2
1536	2010/06/21 12:58:03	0.875	70.8	9.6
1537	2010/06/21 12:58:35	1.000	64.0	9.0
1538	2010/06/21 12:58:42	0.750	70.9	9.4
1539	2010/06/21 12:59:31	0.875	74.1	10.4
1540	2010/06/21 12:59:34	0.625	71.2	10.6
1541	2010/06/21 12:59:47	0.625	69.8	11.7
1542	2010/06/21 12:59:56	0.750	65.6	10.6
1543	2010/06/21 13:00:54	0.875	64.8	6.8
1544	2010/06/21 13:00:56	0.750	66.7	7.7
1545	2010/06/21 13:01:40	0.750	73.0	7.3
1546	2010/06/21 13:02:13	0.875	67.8	9.7
1547	2010/06/21 13:02:17	0.750	69.9	11.2

1548	2010/06/21 13:02:27	0.750	75.3	9.5
1549	2010/06/21 13:02:31	1.000	69.1	9.9
1550	2010/06/21 13:02:39	0.875	69.2	9.2
1551	2010/06/21 13:04:32	0.625	71.2	12.1
1552	2010/06/21 13:04:54	0.625	63.2	11.5
1553	2010/06/21 13:05:08	0.750	73.7	8.4
1554	2010/06/21 13:05:40	1.000	72.8	12.0
1555	2010/06/21 13:06:15	0.875	75.2	10.6
1556	2010/06/21 13:06:18	1.000	73.9	10.3
1557	2010/06/21 13:06:57	0.750	61.9	9.8
1558	2010/06/21 13:07:49	0.875	70.2	10.4
1559	2010/06/21 13:09:11	0.875	74.0	9.1
1560	2010/06/21 13:09:58	1.000	71.0	11.9
1561	2010/06/21 13:10:05	0.875	67.9	7.2
1562	2010/06/21 13:10:09	0.625	68.9	8.7
1563	2010/06/21 13:10:14	1.000	68.2	12.1
1564	2010/06/21 13:10:16	0.625	79.2	12.1
1565	2010/06/21 13:10:17	1.000	76.8	8.1
1566	2010/06/21 13:11:07	0.625	74.7	11.4
1567	2010/06/21 13:11:13	1.000	73.5	11.5
1568	2010/06/21 13:11:54	0.875	78.7	9.2
1569	2010/06/21 13:11:57	0.750	75.0	8.8
1570	2010/06/21 13:13:03	1.000	76.8	6.8
1571	2010/06/21 13:14:09	1.000	75.6	6.8
1572	2010/06/21 13:14:11	0.875	76.5	9.6
1573	2010/06/21 13:14:44	0.875	88.6	9.4
1574	2010/06/21 13:15:05	1.000	88.5	6.6
1575	2010/06/21 13:15:58	1.000	78.0	8.0
1576	2010/06/21 13:16:43	0.875	64.0	8.2
1577	2010/06/21 13:16:50	1.000	68.6	12.0
1578	2010/06/21 13:17:00	0.750	68.3	11.5
1579	2010/06/21 13:17:01	0.875	75.9	9.5
1580	2010/06/21 13:17:23	0.750	66.5	11.5

1581	2010/06/21 13:17:35	0.625	69.4	12.7
1582	2010/06/21 13:17:37	0.875	73.3	9.9
1583	2010/06/21 13:18:26	0.875	66.8	10.0
1584	2010/06/21 13:19:06	1.000	64.7	9.3
1585	2010/06/21 13:19:29	1.000	71.4	8.4
1586	2010/06/21 13:19:35	1.000	68.7	8.8
1587	2010/06/21 13:20:10	0.875	63.9	9.8
1588	2010/06/21 13:20:11	1.000	65.3	9.9
1589	2010/06/21 13:20:23	0.625	71.9	12.6
1590	2010/06/21 13:20:31	0.625	68.9	11.0
1591	2010/06/21 13:20:52	0.875	65.6	10.7
1592	2010/06/21 13:21:25	0.750	76.5	11.6
1593	2010/06/21 13:22:20	1.000	79.4	10.1
1594	2010/06/21 13:23:18	0.875	76.5	11.1
1595	2010/06/21 13:23:54	0.875	87.5	10.1
1596	2010/06/21 13:24:59	0.875	72.3	9.7
1597	2010/06/21 13:25:14	0.875	74.9	8.3
1598	2010/06/21 13:25:42	0.750	78.5	10.4
1599	2010/06/21 13:28:14	1.000	76.1	6.6
1600	2010/06/21 13:29:05	0.750	74.4	9.7
1601	2010/06/21 13:29:34	0.875	67.9	9.1
1602	2010/06/21 13:30:17	0.750	76.2	10.3
1603	2010/06/21 13:31:30	0.875	67.7	7.3
1604	2010/06/21 13:35:39	0.875	75.2	7.7
1605	2010/06/21 13:37:20	0.625	80.0	12.7
1606	2010/06/21 13:37:36	0.875	66.2	6.9
1607	2010/06/21 13:37:51	0.750	75.1	10.5
1608	2010/06/21 13:38:25	1.000	83.6	10.3
1609	2010/06/21 13:38:34	0.750	72.2	10.1
1610	2010/06/21 13:38:45	0.875	68.6	11.0
1611	2010/06/21 13:38:54	0.750	66.0	11.4
1612	2010/06/21 13:39:28	1.000	73.7	9.3
1613	2010/06/21 13:39:58	0.750	72.1	12.3

1614	2010/06/21 13:41:24	0.875	71.0	7.4
1615	2010/06/21 13:41:50	1.000	71.1	9.9
1616	2010/06/21 13:42:08	0.750	75.9	7.9
1617	2010/06/21 13:42:09	0.625	78.1	9.3
1618	2010/06/21 13:42:14	0.875	67.9	7.3
1619	2010/06/21 13:42:22	0.750	68.3	10.9
1620	2010/06/21 13:43:38	0.750	69.5	10.2
1621	2010/06/21 13:43:54	1.000	68.3	9.5
1622	2010/06/21 13:43:55	1.000	74.4	7.5
1623	2010/06/21 13:44:27	0.875	81.0	11.3
1624	2010/06/21 13:44:28	0.750	78.7	7.4
1625	2010/06/21 13:44:29	0.875	82.5	6.7
1626	2010/06/21 13:45:32	1.000	86.4	6.1
1627	2010/06/21 13:45:51	0.750	77.1	9.2
1628	2010/06/21 13:45:55	0.625	72.7	9.1
1629	2010/06/21 13:46:48	1.000	74.8	9.7
1630	2010/06/21 13:46:53	0.750	71.3	9.7
1631	2010/06/21 13:49:21	0.625	73.1	8.0
1632	2010/06/21 13:49:27	0.750	75.8	10.7
1633	2010/06/21 13:49:37	0.750	73.5	10.6
1634	2010/06/21 13:49:42	0.750	66.6	9.0
1635	2010/06/21 13:49:59	0.625	73.4	6.6
1636	2010/06/21 13:50:06	1.000	78.5	9.2
1637	2010/06/21 13:51:02	1.000	73.7	7.0
1638	2010/06/21 13:51:22	0.750	75.4	10.6
1639	2010/06/21 13:52:42	1.000	79.3	6.1
1640	2010/06/21 13:53:08	0.625	79.4	11.2
1641	2010/06/21 13:53:21	0.625	72.2	9.9
1642	2010/06/21 13:53:37	0.750	75.4	10.7
1643	2010/06/21 13:53:55	1.000	62.8	7.3
1644	2010/06/21 13:53:58	0.625	78.0	11.2
1645	2010/06/21 13:54:00	0.750	72.8	8.5
1646	2010/06/21 13:54:11	1.000	61.1	8.0

1647	2010/06/21 13:54:50	0.625	73.7	8.9
1648	2010/06/21 13:55:49	0.875	71.3	9.4
1649	2010/06/21 13:56:13	0.875	84.9	6.9
1650	2010/06/21 13:56:50	0.625	75.3	7.7
1651	2010/06/21 13:56:56	1.000	81.7	8.9
1652	2010/06/21 13:57:16	0.750	72.4	9.3
1653	2010/06/21 13:58:05	0.875	79.5	9.1
1654	2010/06/21 13:59:12	1.000	73.4	9.7
1655	2010/06/21 13:59:32	0.625	74.0	7.9
1656	2010/06/21 14:00:07	0.750	78.5	8.5
1657	2010/06/21 14:00:08	0.750	78.0	8.2
1658	2010/06/21 14:00:11	0.875	75.3	9.8
1659	2010/06/21 14:00:30	0.875	70.7	6.4
1660	2010/06/21 14:01:01	0.750	73.3	9.2
1661	2010/06/21 14:01:16	1.000	73.8	8.0
1662	2010/06/21 14:01:31	1.000	69.9	9.7
1663	2010/06/21 14:01:34	0.875	66.9	9.0
1664	2010/06/21 14:01:35	1.000	70.7	9.0
1665	2010/06/21 14:01:47	0.625	64.4	9.1
1666	2010/06/21 14:02:04	1.000	77.8	9.7
1667	2010/06/21 14:02:09	0.750	74.0	9.1
1668	2010/06/21 14:02:24	0.625	80.5	10.0
1669	2010/06/21 14:03:07	0.875	70.1	9.4
1670	2010/06/21 14:03:36	0.875	70.1	10.8
1671	2010/06/21 14:03:37	0.875	77.5	11.1
1672	2010/06/21 14:04:03	1.000	81.5	8.2
1673	2010/06/21 14:04:04	0.875	82.0	11.0
1674	2010/06/21 14:04:06	0.750	80.4	7.7
1675	2010/06/21 14:04:27	1.000	67.5	9.6
1676	2010/06/21 14:05:31	0.750	76.3	9.3
1677	2010/06/21 14:06:04	0.875	72.4	8.5
1678	2010/06/21 14:06:09	1.000	72.3	10.1
1679	2010/06/21 14:06:23	0.750	63.9	6.9

1680	2010/06/21 14:06:33	1.000	73.5	10.2
1681	2010/06/21 14:06:41	0.875	74.1	11.6
1682	2010/06/21 14:06:46	0.875	79.2	10.8
1683	2010/06/21 14:06:48	1.000	72.1	7.4
1684	2010/06/21 14:06:54	0.875	78.2	9.3
1685	2010/06/21 14:06:56	0.750	74.4	8.9
1686	2010/06/21 14:07:12	0.625	65.9	7.6
1687	2010/06/21 14:07:13	0.750	69.9	7.8
1688	2010/06/21 14:07:22	1.000	70.1	9.7
1689	2010/06/21 14:07:25	0.625	78.0	10.0
1690	2010/06/21 14:07:27	0.750	77.5	9.2
1691	2010/06/21 14:07:40	1.000	68.1	9.9
1692	2010/06/21 14:07:46	0.750	71.7	8.3
1693	2010/06/21 14:07:50	0.750	77.8	7.4
1694	2010/06/21 14:08:01	0.875	73.2	10.3
1695	2010/06/21 14:08:21	0.875	71.1	9.9
1696	2010/06/21 14:08:49	0.750	80.1	9.5
1697	2010/06/21 14:09:46	0.750	83.4	11.0
1698	2010/06/21 14:10:49	0.875	74.5	7.5
1699	2010/06/21 14:10:53	0.875	69.5	10.3
1700	2010/06/21 14:11:38	1.000	74.6	8.4
1701	2010/06/21 14:12:02	0.750	77.7	10.1
1702	2010/06/21 14:12:11	0.500	72.0	11.2
1703	2010/06/21 14:12:25	1.000	67.6	7.3
1704	2010/06/21 14:12:32	0.625	70.3	8.6
1705	2010/06/21 14:14:20	0.750	79.9	9.7
1706	2010/06/21 14:15:07	1.000	70.0	8.9
1707	2010/06/21 14:16:15	1.000	67.9	10.5
1708	2010/06/21 14:16:16	0.875	66.0	9.9
1709	2010/06/21 14:16:20	1.000	66.0	10.7
1710	2010/06/21 14:18:24	1.000	64.1	8.0
1711	2010/06/21 14:19:58	0.625	77.5	7.9
1712	2010/06/21 14:20:19	0.875	75.3	8.6

1713	2010/06/21 14:20:22	0.750	72.4	10.2
1714	2010/06/21 14:20:26	0.875	80.8	9.0
1715	2010/06/21 14:21:02	1.000	80.4	8.0
1716	2010/06/21 14:21:07	1.000	72.0	10.9
1717	2010/06/21 14:21:10	1.000	74.5	7.3
1718	2010/06/21 14:23:17	1.000	72.6	9.2
1719	2010/06/21 14:23:50	0.625	79.5	9.7
1720	2010/06/21 14:23:52	0.875	71.4	9.3
1721	2010/06/21 14:23:57	1.000	79.3	8.6
1722	2010/06/21 14:24:04	0.625	77.4	10.1
1723	2010/06/21 14:24:06	0.625	78.6	9.5
1724	2010/06/21 14:24:08	0.750	65.2	11.1
1725	2010/06/21 14:24:12	0.750	75.6	9.2
1726	2010/06/21 14:24:20	0.750	67.0	6.3
1727	2010/06/21 14:25:20	0.875	74.6	8.9
1728	2010/06/21 14:25:48	0.875	76.9	8.7
1729	2010/06/21 14:25:53	0.875	83.6	8.1
1730	2010/06/21 14:26:37	0.875	82.9	8.8
1731	2010/06/21 14:26:57	0.875	83.2	7.2
1732	2010/06/21 14:28:42	1.000	80.0	10.5
1733	2010/06/21 14:29:59	1.000	79.6	7.1
1734	2010/06/21 14:30:37	0.750	75.5	9.1
1735	2010/06/21 14:30:57	0.875	83.2	7.5
1736	2010/06/21 14:31:51	0.750	79.3	9.6
1737	2010/06/21 14:32:29	1.000	79.0	8.1
1738	2010/06/21 14:32:50	0.875	88.9	7.5
1739	2010/06/21 14:33:02	0.875	77.7	10.4
1740	2010/06/21 14:35:32	0.875	77.7	9.9
1741	2010/06/21 14:36:13	0.875	64.4	10.8
1742	2010/06/21 14:36:16	0.750	64.4	11.7
1743	2010/06/21 14:36:42	0.875	66.7	8.0
1744	2010/06/21 14:37:29	1.000	79.9	9.7
1745	2010/06/21 14:37:51	0.750	81.3	7.9

1746	2010/06/21 14:37:59	0.875	78.6	8.1
1747	2010/06/21 14:38:48	0.750	97.4	9.7
1748	2010/06/21 14:39:02	0.750	77.0	10.5
1749	2010/06/21 14:39:06	0.625	74.4	11.6
1750	2010/06/21 14:39:17	0.875	73.6	10.1
1751	2010/06/21 14:39:25	1.000	72.5	8.2
1752	2010/06/21 14:40:05	1.000	75.2	9.5
1753	2010/06/21 14:40:31	1.000	71.8	8.1
1754	2010/06/21 14:40:38	0.750	76.3	6.5
1755	2010/06/21 14:41:20	0.625	74.9	9.4
1756	2010/06/21 14:41:29	0.875	73.0	8.1
1757	2010/06/21 14:41:37	0.750	81.8	10.9
1758	2010/06/21 14:42:00	1.000	80.1	7.5
1759	2010/06/21 14:42:02	0.875	77.3	7.1
1760	2010/06/21 14:42:41	0.875	79.9	9.7
1761	2010/06/21 14:42:48	0.875	79.4	8.7
1762	2010/06/21 14:42:50	0.750	73.4	9.3
1763	2010/06/21 14:43:10	0.750	80.2	8.5
1764	2010/06/21 14:43:23	0.875	80.9	9.2
1765	2010/06/21 14:44:22	0.750	71.2	8.2
1766	2010/06/21 14:44:30	0.750	76.8	9.4
1767	2010/06/21 14:44:55	0.875	73.6	10.1
1768	2010/06/21 14:45:37	0.875	71.2	7.1
1769	2010/06/21 14:47:12	0.625	72.9	10.2
1770	2010/06/21 14:47:18	0.625	69.5	10.4
1771	2010/06/21 14:47:39	0.625	66.3	11.0
1772	2010/06/21 14:47:43	0.750	69.0	10.8
1773	2010/06/21 14:48:11	0.875	82.1	9.1
1774	2010/06/21 14:48:18	0.875	90.2	7.7
1775	2010/06/21 14:48:39	1.000	68.4	10.0
1776	2010/06/21 14:49:30	0.750	68.2	9.2
1777	2010/06/21 14:51:19	1.000	75.0	8.5
1778	2010/06/21 14:51:20	0.875	77.1	9.3



1779	2010/06/21 14:51:32	0.875	65.5	7.0
1780	2010/06/21 14:51:41	1.000	72.7	9.4
1781	2010/06/21 14:52:34	0.875	82.9	8.1
1782	2010/06/21 14:52:40	0.750	81.0	8.3
1783	2010/06/21 14:53:27	1.000	71.2	9.8
1784	2010/06/21 14:53:51	0.750	79.0	8.3
1785	2010/06/21 14:54:45	0.625	77.1	11.0
1786	2010/06/21 14:55:28	0.750	73.2	11.7
1787	2010/06/21 14:56:03	1.000	68.6	7.8
1788	2010/06/21 14:56:42	0.875	82.7	9.8
1789	2010/06/21 14:57:29	1.000	76.6	9.7
1790	2010/06/21 14:58:29	0.750	72.6	10.7
1791	2010/06/21 14:59:54	1.000	69.7	7.5
1792	2010/06/21 15:00:10	1.000	84.5	10.7
1793	2010/06/21 15:00:33	1.000	77.9	10.6
1794	2010/06/21 15:00:36	0.875	77.9	7.2
1795	2010/06/21 15:01:37	0.750	74.9	9.4
1796	2010/06/21 15:01:49	1.000	75.7	7.8
1797	2010/06/21 15:01:59	0.875	75.0	8.9
1798	2010/06/21 15:02:00	0.750	75.2	7.4
1799	2010/06/21 15:02:45	0.750	75.9	6.9
1800	2010/06/21 15:03:51	0.875	69.4	7.3
1801	2010/06/21 15:07:25	1.000	84.3	10.6
1802	2010/06/21 15:08:01	0.875	81.7	8.1
1803	2010/06/21 15:08:22	1.000	77.9	9.6
1804	2010/06/21 15:08:39	1.000	84.5	8.6
1805	2010/06/21 15:09:10	0.750	80.3	9.3
1806	2010/06/21 15:10:49	0.625	78.6	9.7
1807	2010/06/21 15:11:34	0.625	86.5	10.4
1808	2010/06/21 15:11:55	0.750	77.5	10.8
1809	2010/06/21 15:11:58	0.875	85.3	7.9
1810	2010/06/21 15:13:07	0.875	89.2	8.0
1811	2010/06/21 15:14:34	0.875	79.3	11.2

1812	2010/06/21 15:14:36	1.000	72.5	9.9
1813	2010/06/21 15:14:59	0.875	73.4	8.5
1814	2010/06/21 15:19:41	0.875	79.6	8.4
1815	2010/06/21 15:19:42	0.875	81.0	9.8
1816	2010/06/21 15:20:56	1.000	70.0	7.6
1817	2010/06/21 15:21:15	0.875	71.0	6.9
1818	2010/06/21 15:21:23	1.000	75.3	9.3
1819	2010/06/21 15:22:23	0.875	67.2	8.1
1820	2010/06/21 15:22:52	0.875	71.0	6.5
1821	2010/06/21 15:22:55	1.000	68.1	7.3
1822	2010/06/21 15:23:19	0.750	79.3	11.7
1823	2010/06/21 15:23:48	0.875	72.0	7.2
1824	2010/06/21 15:24:01	1.000	69.3	7.0
1825	2010/06/21 15:24:56	0.750	78.4	10.8
1826	2010/06/21 15:25:05	0.625	80.2	11.8
1827	2010/06/21 15:25:06	1.000	82.9	9.5
1828	2010/06/21 15:25:09	0.625	78.4	8.6
1829	2010/06/21 15:25:16	0.875	80.4	8.6
1830	2010/06/21 15:27:03	1.000	65.3	6.3
1831	2010/06/21 15:28:55	0.875	67.2	8.3
1832	2010/06/21 15:28:59	0.875	69.1	11.0
1833	2010/06/21 15:29:19	0.875	71.9	9.9
1834	2010/06/21 15:29:20	0.625	76.3	11.8
1835	2010/06/21 15:31:03	0.875	61.6	7.9
1836	2010/06/21 15:31:15	0.750	70.9	11.2
1837	2010/06/21 15:31:44	0.750	70.0	10.8
1838	2010/06/21 15:33:01	1.000	81.6	9.3
1839	2010/06/21 15:33:58	0.750	70.0	8.8
1840	2010/06/21 15:34:09	0.625	86.0	12.0
1841	2010/06/21 15:35:21	0.875	74.3	6.8
1842	2010/06/21 15:35:47	0.625	84.1	11.8
1843	2010/06/21 15:36:11	0.625	76.8	9.1
1844	2010/06/21 15:36:12	0.875	70.4	9.9

1845	2010/06/21 15:36:14	0.625	76.7	9.7
1846	2010/06/21 15:37:19	0.875	75.4	6.5
1847	2010/06/21 15:37:27	0.625	81.9	10.8
1848	2010/06/21 15:37:31	0.875	80.2	9.4
1849	2010/06/21 15:37:52	1.000	65.9	9.8
1850	2010/06/21 15:38:37	0.875	71.1	10.0
1851	2010/06/21 15:38:58	1.000	70.6	9.4
1852	2010/06/21 15:39:15	1.000	73.2	9.3
1853	2010/06/21 15:39:30	0.750	69.8	11.5
1854	2010/06/21 15:39:49	0.875	73.7	10.8
1855	2010/06/21 15:39:56	0.750	72.5	10.4
1856	2010/06/21 15:40:30	0.875	68.4	8.4
1857	2010/06/21 15:40:36	0.625	68.5	10.7
1858	2010/06/21 15:40:54	0.875	67.1	9.9
1859	2010/06/21 15:41:01	0.750	66.9	10.4
1860	2010/06/21 15:41:13	0.875	71.9	9.4
1861	2010/06/21 15:41:31	0.750	75.3	8.6
1862	2010/06/21 15:42:02	0.875	76.6	9.4
1863	2010/06/21 15:42:03	0.750	73.7	7.8
1864	2010/06/21 15:42:06	0.750	77.6	10.1
1865	2010/06/21 15:42:20	0.750	71.8	10.3
1866	2010/06/21 15:42:30	1.000	69.2	12.0
1867	2010/06/21 15:42:42	0.875	70.5	10.0
1868	2010/06/21 15:42:48	0.625	70.9	9.8
1869	2010/06/21 15:44:16	0.625	71.0	12.1
1870	2010/06/21 15:45:52	0.875	72.6	6.9
1871	2010/06/21 15:46:06	0.875	65.7	8.6
1872	2010/06/21 15:47:04	0.625	70.7	9.7
1873	2010/06/21 15:47:08	0.625	72.0	11.7
1874	2010/06/21 15:47:29	0.750	77.6	8.9
1875	2010/06/21 15:47:56	0.750	86.1	8.3
1876	2010/06/21 15:49:36	0.875	78.0	10.4
1877	2010/06/21 15:49:40	0.750	73.0	9.8

1878	2010/06/21 15:50:29	0.875	66.8	8.7
1879	2010/06/21 15:51:06	0.875	62.2	10.8
1880	2010/06/21 15:52:54	1.000	65.2	7.2
1881	2010/06/21 15:54:38	0.750	68.6	9.8
1882	2010/06/21 15:55:15	0.875	81.5	10.8
1883	2010/06/21 15:56:06	1.000	63.1	7.6
1884	2010/06/21 15:57:39	0.875	75.2	9.2
1885	2010/06/21 15:57:43	0.875	76.8	11.4
1886	2010/06/21 15:59:00	0.875	81.2	10.6
1887	2010/06/21 16:00:23	0.875	68.2	10.0
1888	2010/06/21 16:04:17	1.000	77.5	11.1
1889	2010/06/21 16:04:44	1.000	67.0	7.3
1890	2010/06/21 16:09:52	1.000	74.1	6.1
1891	2010/06/21 16:10:54	0.750	72.7	9.3
1892	2010/06/21 16:11:21	0.750	64.0	7.6
1893	2010/06/21 16:12:35	0.750	82.8	8.8
1894	2010/06/21 16:12:57	1.000	71.1	9.6
1895	2010/06/21 16:13:21	0.875	82.6	10.3
1896	2010/06/21 16:14:43	0.625	74.8	10.3
1897	2010/06/21 16:15:00	1.000	73.5	11.3
1898	2010/06/21 16:15:21	0.750	80.0	12.2
1899	2010/06/21 16:15:23	0.750	76.6	10.3
1900	2010/06/21 16:15:26	0.750	77.1	9.2
1901	2010/06/21 16:15:29	0.750	74.0	8.4
1902	2010/06/21 16:15:48	0.625	76.4	11.9
1903	2010/06/21 16:16:24	1.000	70.9	6.8
1904	2010/06/21 16:17:11	0.750	62.7	9.4
1905	2010/06/21 16:17:26	0.750	75.1	11.2
1906	2010/06/21 16:18:37	0.875	73.3	11.1
1907	2010/06/21 16:19:19	0.625	76.9	10.7
1908	2010/06/21 16:19:24	0.875	76.3	10.8
1909	2010/06/21 16:19:26	0.875	69.2	8.9
1910	2010/06/21 16:19:27	1.000	71.5	8.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1911	2010/06/21 16:19:32	0.750	77.0	9.1
1912	2010/06/21 16:19:33	0.750	69.3	9.7
1913	2010/06/21 16:19:36	0.875	71.7	9.5
1914	2010/06/21 16:19:41	0.875	77.1	11.3
1915	2010/06/21 16:22:55	0.750	74.8	10.0
1916	2010/06/21 16:23:37	0.750	81.3	10.4
1917	2010/06/21 16:23:44	0.750	68.0	7.3
1918	2010/06/21 16:24:13	1.000	78.5	9.6
1919	2010/06/21 16:25:02	1.000	76.4	10.7
1920	2010/06/21 16:25:07	0.625	80.8	10.1
1921	2010/06/21 16:26:51	0.750	70.3	8.0
1922	2010/06/21 16:28:27	0.875	61.7	9.0
1923	2010/06/21 16:28:29	0.875	76.3	9.9
1924	2010/06/21 16:29:17	1.000	65.2	9.5
1925	2010/06/21 16:30:47	0.750	62.2	6.9
1926	2010/06/21 16:31:17	0.750	81.1	10.6
1927	2010/06/21 16:31:35	0.750	73.0	7.5
1928	2010/06/21 16:31:41	0.625	81.1	11.6
1929	2010/06/21 16:31:57	0.625	72.1	9.6
1930	2010/06/21 16:32:12	0.750	75.8	8.1
1931	2010/06/21 16:32:47	1.000	70.9	11.3
1932	2010/06/21 16:34:13	0.875	66.6	8.1
1933	2010/06/21 16:39:50	0.750	79.2	10.7
1934	2010/06/21 16:39:52	0.750	71.0	8.3
1935	2010/06/21 16:41:17	0.750	75.6	8.9
1936	2010/06/21 16:41:23	0.625	77.1	8.5
1937	2010/06/21 16:41:48	1.000	72.0	9.8
1938	2010/06/21 16:41:55	0.625	75.6	9.8
1939	2010/06/21 16:41:58	0.625	76.6	9.4
1940	2010/06/21 16:42:04	1.000	80.8	9.2
1941	2010/06/21 16:42:23	0.875	75.2	8.1
1942	2010/06/21 16:42:43	0.875	78.9	8.8
1943	2010/06/21 16:42:46	1.000	78.3	8.9

1944	2010/06/21 16:43:32	0.750	74.2	10.8
1945	2010/06/21 16:43:38	0.750	69.1	6.6
1946	2010/06/21 16:43:40	0.625	78.5	12.4
1947	2010/06/21 16:43:41	0.625	73.7	11.5
1948	2010/06/21 16:43:58	0.875	71.0	9.4
1949	2010/06/21 16:44:05	0.875	70.7	8.9
1950	2010/06/21 16:44:09	1.000	69.9	6.6
1951	2010/06/21 16:44:23	0.625	70.0	10.6
1952	2010/06/21 16:44:27	0.875	62.5	7.8
1953	2010/06/21 16:44:53	1.000	81.7	8.0
1954	2010/06/21 16:45:37	0.750	75.1	8.0
1955	2010/06/21 16:46:23	0.875	77.2	8.7
1956	2010/06/21 16:46:36	0.625	82.0	10.3
1957	2010/06/21 16:47:47	0.625	76.4	9.3
1958	2010/06/21 16:48:31	1.000	71.4	8.1
1959	2010/06/21 16:49:36	0.875	64.6	8.8
1960	2010/06/21 16:49:51	0.625	81.5	10.3
1961	2010/06/21 16:49:54	1.000	83.8	10.3
1962	2010/06/21 16:50:19	1.000	73.8	8.1
1963	2010/06/21 16:50:22	0.875	80.5	8.0
1964	2010/06/21 16:50:25	1.000	74.8	6.7
1965	2010/06/21 16:50:40	0.750	65.8	7.5
1966	2010/06/21 16:51:32	0.875	75.1	9.4
1967	2010/06/21 16:52:21	0.875	66.7	7.7
1968	2010/06/21 16:53:27	0.625	68.1	12.9
1969	2010/06/21 16:55:27	0.625	72.3	8.5
1970	2010/06/21 16:55:30	0.875	70.8	8.7
1971	2010/06/21 16:55:43	0.750	70.4	7.5
1972	2010/06/21 16:55:52	0.500	71.3	12.5
1973	2010/06/21 16:57:56	1.000	76.4	9.8
1974	2010/06/21 16:57:58	0.750	72.8	7.5
1975	2010/06/21 16:58:45	1.000	72.4	10.8
1976	2010/06/21 16:58:55	0.875	75.0	10.7

1977	2010/06/21 16:59:53	0.875	65.9	9.5
1978	2010/06/21 17:01:31	1.000	80.1	11.2
1979	2010/06/21 17:01:40	0.750	75.7	10.7
1980	2010/06/21 17:01:48	0.875	75.3	8.8
1981	2010/06/21 17:02:02	0.625	76.8	11.0
1982	2010/06/21 17:02:03	1.000	71.8	9.5
1983	2010/06/21 17:02:12	0.750	75.5	10.8
1984	2010/06/21 17:02:47	0.750	69.6	10.5
1985	2010/06/21 17:03:11	0.750	64.6	9.0
1986	2010/06/21 17:03:47	1.000	63.3	7.7
1987	2010/06/21 17:03:51	0.750	64.3	10.5
1988	2010/06/21 17:04:20	0.875	65.7	8.9
1989	2010/06/21 17:04:37	0.875	67.1	8.6
1990	2010/06/21 17:04:57	0.625	67.6	11.5
1991	2010/06/21 17:05:40	1.000	74.6	9.8
1992	2010/06/21 17:06:28	0.875	76.8	8.0
1993	2010/06/21 17:07:19	0.750	64.7	9.1
1994	2010/06/21 17:07:26	1.000	72.8	8.0
1995	2010/06/21 17:08:04	0.875	69.8	8.6
1996	2010/06/21 17:08:22	0.875	73.4	7.9
1997	2010/06/21 17:08:53	1.000	76.9	9.1
1998	2010/06/21 17:08:55	1.000	75.1	7.9
1999	2010/06/21 17:09:08	0.750	80.2	10.9
2000	2010/06/21 17:09:13	0.625	72.8	8.4
2001	2010/06/21 17:09:48	0.750	69.2	11.1
2002	2010/06/21 17:09:49	0.750	75.1	10.2
2003	2010/06/21 17:10:15	1.000	76.0	9.5
2004	2010/06/21 17:11:56	0.625	66.6	8.7
2005	2010/06/21 17:12:19	0.625	75.8	9.6
2006	2010/06/21 17:12:41	1.000	71.0	9.3
2007	2010/06/21 17:12:46	0.500	72.7	11.5
2008	2010/06/21 17:12:47	0.750	72.7	8.5
2009	2010/06/21 17:13:09	0.625	74.1	11.1

2010	2010/06/21 17:13:46	1.000	67.5	8.1
2011	2010/06/21 17:13:48	0.750	72.2	10.8
2012	2010/06/21 17:13:51	0.875	72.7	8.4
2013	2010/06/21 17:14:00	0.750	77.4	9.4
2014	2010/06/21 17:14:14	0.750	80.3	9.8
2015	2010/06/21 17:15:04	0.750	73.8	7.9
2016	2010/06/21 17:15:08	0.750	78.7	11.0
2017	2010/06/21 17:15:12	1.000	75.5	6.1
2018	2010/06/21 17:15:42	1.000	70.3	8.3
2019	2010/06/21 17:16:08	0.875	74.9	10.4
2020	2010/06/21 17:17:23	1.000	78.4	9.7
2021	2010/06/21 17:18:00	1.000	71.8	9.5
2022	2010/06/21 17:18:56	1.000	72.2	8.4
2023	2010/06/21 17:19:21	0.750	66.0	10.7
2024	2010/06/21 17:19:22	0.625	70.9	12.5
2025	2010/06/21 17:19:39	0.875	72.4	9.2
2026	2010/06/21 17:21:08	1.000	71.9	9.3
2027	2010/06/21 17:21:25	0.625	69.4	10.4
2028	2010/06/21 17:23:25	0.875	69.9	8.5
2029	2010/06/21 17:23:37	1.000	65.1	6.9
2030	2010/06/21 17:24:03	1.000	80.8	9.2
2031	2010/06/21 17:24:11	0.750	71.4	9.0
2032	2010/06/21 17:24:12	0.750	73.2	10.9
2033	2010/06/21 17:24:41	0.875	77.3	9.8
2034	2010/06/21 17:24:58	0.750	70.2	9.8
2035	2010/06/21 17:25:04	0.625	67.5	11.5
2036	2010/06/21 17:25:14	0.875	61.8	7.8
2037	2010/06/21 17:25:23	0.750	74.4	10.5
2038	2010/06/21 17:25:44	1.000	71.0	9.5
2039	2010/06/21 17:26:29	1.000	75.7	10.3
2040	2010/06/21 17:26:36	1.000	71.6	9.4
2041	2010/06/21 17:27:11	0.750	72.2	6.9
2042	2010/06/21 17:27:52	1.000	82.1	9.5



2043	2010/06/21 17:27:56	1.000	75.7	9.2
2044	2010/06/21 17:28:36	1.000	76.2	9.3
2045	2010/06/21 17:28:39	0.625	74.1	11.2
2046	2010/06/21 17:29:13	0.875	64.8	7.4
2047	2010/06/21 17:31:25	1.000	61.0	6.4
2048	2010/06/21 17:33:00	0.625	73.9	12.1
2049	2010/06/21 17:33:04	0.625	77.0	10.3
2050	2010/06/21 17:33:23	0.750	61.7	8.5
2051	2010/06/21 17:33:48	1.000	63.3	10.7
2052	2010/06/21 17:35:59	0.875	73.9	9.3
2053	2010/06/21 17:36:14	0.750	71.7	10.2
2054	2010/06/21 17:36:20	0.750	70.9	9.5
2055	2010/06/21 17:36:27	0.625	72.1	10.6
2056	2010/06/21 17:36:31	0.750	68.7	8.5
2057	2010/06/21 17:36:32	0.625	68.1	8.2
2058	2010/06/21 17:36:33	1.000	68.5	8.8
2059	2010/06/21 17:36:35	0.875	73.4	9.4
2060	2010/06/21 17:36:41	0.625	69.8	11.2
2061	2010/06/21 17:37:41	0.875	67.0	8.7
2062	2010/06/21 17:38:11	0.625	69.2	9.8
2063	2010/06/21 17:38:16	0.750	78.7	7.9
2064	2010/06/21 17:38:32	1.000	66.8	10.7
2065	2010/06/21 17:38:34	0.875	66.3	8.1
2066	2010/06/21 17:43:09	0.875	69.7	9.2
2067	2010/06/21 17:44:00	0.750	77.5	9.9
2068	2010/06/21 17:44:03	0.875	72.9	9.4
2069	2010/06/21 17:44:16	0.875	68.8	9.9
2070	2010/06/21 17:44:19	0.625	66.0	11.4
2071	2010/06/21 17:44:39	0.750	74.0	9.4
2072	2010/06/21 17:44:49	0.750	76.8	9.4
2073	2010/06/21 17:44:50	0.625	72.3	8.3
2074	2010/06/21 17:44:52	0.750	74.8	8.8
2075	2010/06/21 17:45:01	0.750	73.3	10.2

2076	2010/06/21 17:45:05	1.000	67.8	9.8
2077	2010/06/21 17:45:08	0.875	73.7	10.1
2078	2010/06/21 17:45:09	0.750	71.1	7.7
2079	2010/06/21 17:45:19	0.750	72.9	10.9
2080	2010/06/21 17:45:23	1.000	74.6	8.4
2081	2010/06/21 17:45:50	0.750	75.7	9.2
2082	2010/06/21 17:50:00	0.625	70.0	10.1
2083	2010/06/21 17:50:07	0.750	70.0	11.0
2084	2010/06/21 17:50:42	0.875	65.6	7.7
2085	2010/06/21 17:51:22	0.875	73.7	10.0
2086	2010/06/21 17:53:00	0.875	63.4	8.7
2087	2010/06/21 17:53:57	1.000	65.4	12.6
2088	2010/06/21 17:54:18	0.875	85.3	8.0
2089	2010/06/21 17:54:39	0.625	76.3	10.3
2090	2010/06/21 17:58:00	0.875	68.0	9.8
2091	2010/06/21 18:01:45	0.625	66.0	9.3
2092	2010/06/21 18:02:37	0.875	59.1	7.4
2093	2010/06/21 18:02:39	1.000	59.7	7.1
2094	2010/06/21 18:02:42	0.875	59.9	7.0
2095	2010/06/21 18:03:21	1.000	70.5	10.2
2096	2010/06/21 18:04:24	1.000	63.4	7.6
2097	2010/06/21 18:05:24	1.000	70.4	10.1
2098	2010/06/21 18:05:30	0.750	73.8	8.8
2099	2010/06/21 18:05:31	0.750	73.3	9.2
2100	2010/06/21 18:07:35	1.000	62.3	9.9
2101	2010/06/21 18:07:36	0.875	64.6	10.0
2102	2010/06/21 18:08:16	0.875	71.8	9.9
2103	2010/06/21 18:08:28	0.625	70.2	6.8
2104	2010/06/21 18:08:37	0.875	83.6	8.0
2105	2010/06/21 18:08:39	0.625	81.6	7.4
2106	2010/06/21 18:09:14	1.000	76.8	7.5
2107	2010/06/21 18:10:00	1.000	66.8	10.4
2108	2010/06/21 18:10:10	1.000	77.0	9.2

2109	2010/06/21 18:10:38	0.750	75.3	9.2
2110	2010/06/21 18:10:40	0.750	77.4	8.2
2111	2010/06/21 18:10:50	1.000	83.4	9.5
2112	2010/06/21 18:10:54	1.000	79.1	9.1
2113	2010/06/21 18:11:22	0.750	69.4	7.6
2114	2010/06/21 18:11:47	0.875	67.0	7.6
2115	2010/06/21 18:11:52	1.000	69.4	8.2
2116	2010/06/21 18:12:52	1.000	82.8	10.0
2117	2010/06/21 18:14:13	0.875	72.9	11.8
2118	2010/06/21 18:15:49	0.625	69.7	11.1
2119	2010/06/21 18:16:13	1.000	69.6	11.3
2120	2010/06/21 18:16:15	0.750	71.0	11.8
2121	2010/06/21 18:18:03	0.625	77.5	7.3
2122	2010/06/21 18:18:22	0.625	71.8	7.7
2123	2010/06/21 18:23:34	0.875	70.7	10.6
2124	2010/06/21 18:23:36	0.625	71.0	10.8
2125	2010/06/21 18:23:38	0.875	67.5	8.4
2126	2010/06/21 18:23:42	0.875	76.0	8.7
2127	2010/06/21 18:23:47	0.750	75.1	10.1
2128	2010/06/21 18:27:21	0.875	75.5	11.2
2129	2010/06/21 18:28:25	0.875	72.2	10.8
2130	2010/06/21 18:28:59	0.750	69.8	9.6
2131	2010/06/21 18:29:00	1.000	71.8	10.4
2132	2010/06/21 18:33:20	1.000	74.2	7.7
2133	2010/06/21 18:36:33	0.875	75.9	9.6
2134	2010/06/21 18:37:49	1.000	77.0	10.4
2135	2010/06/21 18:37:50	0.875	73.9	7.9
2136	2010/06/21 18:41:00	1.000	71.0	8.0
2137	2010/06/21 18:41:27	0.625	77.4	9.8
2138	2010/06/21 18:42:21	0.750	73.4	9.7
2139	2010/06/21 18:44:02	0.875	80.9	9.3
2140	2010/06/21 18:44:32	0.875	76.4	6.8
2141	2010/06/21 18:45:30	0.875	70.4	9.8

2142	2010/06/21 18:45:31	0.875	73.0	8.1
2143	2010/06/21 18:45:36	1.000	81.6	8.6
2144	2010/06/21 18:45:50	1.000	71.2	9.2
2145	2010/06/21 18:46:23	0.625	78.0	9.7
2146	2010/06/21 18:46:33	0.750	74.4	10.6
2147	2010/06/21 18:47:33	1.000	66.4	8.2
2148	2010/06/21 18:48:03	0.875	72.2	8.6
2149	2010/06/21 18:48:31	1.000	77.3	7.7
2150	2010/06/21 18:48:39	0.750	73.7	6.2
2151	2010/06/21 18:49:47	1.000	77.2	7.6
2152	2010/06/21 18:50:01	1.000	70.7	10.0
2153	2010/06/21 18:50:58	0.875	76.5	8.8
2154	2010/06/21 18:51:50	0.875	73.9	6.9
2155	2010/06/21 18:52:25	0.625	76.7	12.4
2156	2010/06/21 18:53:49	1.000	81.4	10.0
2157	2010/06/21 18:54:01	1.000	76.1	8.5
2158	2010/06/21 18:54:04	0.875	73.0	8.2
2159	2010/06/21 18:56:59	0.750	72.1	10.0
2160	2010/06/21 18:57:01	0.875	72.0	8.1
2161	2010/06/21 18:57:03	0.625	75.2	10.2
2162	2010/06/21 18:57:08	0.875	72.5	10.0
2163	2010/06/21 18:57:09	1.000	67.5	8.8
2164	2010/06/21 18:57:10	0.750	71.7	11.0
2165	2010/06/21 18:57:18	0.875	70.2	9.2
2166	2010/06/21 18:57:50	0.750	75.8	9.8
2167	2010/06/21 18:57:58	0.875	73.8	8.7
2168	2010/06/21 18:58:17	0.875	71.5	8.4
2169	2010/06/21 18:58:20	0.750	77.3	7.8
2170	2010/06/21 18:59:40	0.750	69.6	8.0
2171	2010/06/21 19:00:22	0.875	73.1	10.7
2172	2010/06/21 19:01:38	1.000	64.3	7.6
2173	2010/06/21 19:02:45	0.750	75.8	8.7
2174	2010/06/21 19:03:13	0.500	70.3	12.0

2175	2010/06/21 19:03:19	0.750	70.6	11.0
2176	2010/06/21 19:03:21	0.750	75.5	9.3
2177	2010/06/21 19:03:22	0.750	75.1	8.8
2178	2010/06/21 19:03:35	0.750	72.4	8.8
2179	2010/06/21 19:03:38	0.750	74.6	10.0
2180	2010/06/21 19:04:32	1.000	70.7	9.5
2181	2010/06/21 19:04:45	1.000	79.8	8.6
2182	2010/06/21 19:05:26	1.000	76.0	8.6
2183	2010/06/21 19:05:44	0.750	77.8	9.2
2184	2010/06/21 19:06:40	0.875	70.3	7.7
2185	2010/06/21 19:07:54	0.625	75.3	8.6
2186	2010/06/21 19:07:56	0.625	71.7	9.2
2187	2010/06/21 19:08:00	1.000	75.1	8.4
2188	2010/06/21 19:08:02	0.750	70.0	7.8
2189	2010/06/21 19:08:04	1.000	74.7	8.0
2190	2010/06/21 19:08:08	0.750	76.9	9.6
2191	2010/06/21 19:08:08	0.750	80.1	8.4
2192	2010/06/21 19:08:28	0.750	64.5	8.6
2193	2010/06/21 19:09:05	0.625	71.8	12.4
2194	2010/06/21 19:09:08	0.625	68.5	10.8
2195	2010/06/21 19:09:41	0.750	72.2	6.5
2196	2010/06/21 19:09:44	0.750	68.0	6.8
2197	2010/06/21 19:09:45	0.625	71.8	8.6
2198	2010/06/21 19:09:58	1.000	70.9	7.2
2199	2010/06/21 19:10:19	1.000	73.2	8.6
2200	2010/06/21 19:12:02	1.000	74.8	9.6
2201	2010/06/21 19:12:05	1.000	78.8	8.0
2202	2010/06/21 19:12:17	0.625	80.1	10.3
2203	2010/06/21 19:15:51	1.000	72.2	9.0
2204	2010/06/21 19:18:44	1.000	67.7	9.3
2205	2010/06/21 19:23:29	0.875	65.6	7.2
2206	2010/06/21 19:36:05	1.000	63.1	6.7
2207	2010/06/21 19:40:04	0.625	71.6	11.0

2208	2010/06/21 19:42:06	0.875	70.2	10.5
2209	2010/06/21 19:42:12	0.875	70.9	8.6
2210	2010/06/21 19:42:14	0.625	82.5	11.5
2211	2010/06/21 19:42:37	1.000	72.4	9.0
2212	2010/06/21 19:42:58	1.000	78.7	8.9
2213	2010/06/21 19:43:03	1.000	75.0	7.7
2214	2010/06/21 19:43:38	0.750	79.7	10.1
2215	2010/06/21 19:47:00	0.750	67.1	8.4
2216	2010/06/21 19:47:23	0.625	76.0	10.5
2217	2010/06/21 19:47:25	1.000	77.4	9.7
2218	2010/06/21 19:53:18	0.625	61.8	8.8
2219	2010/06/21 19:56:40	0.875	72.6	9.8
2220	2010/06/21 19:58:45	0.625	68.8	9.7
2221	2010/06/21 20:02:05	0.875	75.7	8.9
2222	2010/06/21 20:02:27	1.000	69.7	6.2
2223	2010/06/21 20:06:20	1.000	62.8	7.0
2224	2010/06/21 20:08:07	0.750	63.2	10.4
2225	2010/06/21 20:08:59	0.875	73.8	10.5
2226	2010/06/21 20:10:59	0.875	71.9	8.7
2227	2010/06/21 20:12:11	0.750	66.8	7.1
2228	2010/06/21 20:12:45	1.000	74.7	9.4
2229	2010/06/21 20:15:26	1.000	77.1	8.9
2230	2010/06/21 20:15:37	0.875	74.9	7.2
2231	2010/06/21 20:16:39	0.875	65.9	10.3
2232	2010/06/21 20:18:52	0.625	77.5	8.3
2233	2010/06/21 20:18:54	0.875	75.6	7.7
2234	2010/06/21 20:20:11	0.750	74.9	10.1
2235	2010/06/21 20:24:39	0.750	63.8	6.4
2236	2010/06/21 20:26:06	1.000	63.5	6.4
2237	2010/06/21 20:28:05	0.875	84.5	7.1
2238	2010/06/21 20:28:07	0.875	75.6	7.5
2239	2010/06/21 20:28:10	0.750	63.3	10.0
2240	2010/06/21 20:28:34	0.875	62.6	7.3

2241	2010/06/21 20:29:15	1.000	66.0	8.2
2242	2010/06/21 20:30:27	0.750	65.4	6.2
2243	2010/06/21 20:31:15	1.000	70.3	9.5
2244	2010/06/21 20:34:51	0.750	70.8	9.1
2245	2010/06/21 20:34:52	0.750	67.6	8.9
2246	2010/06/21 20:38:46	0.750	66.7	7.8
2247	2010/06/21 20:38:52	1.000	73.3	9.1
2248	2010/06/21 20:50:25	0.625	71.1	8.0
2249	2010/06/21 20:56:18	0.625	71.7	10.7
2250	2010/06/21 20:57:28	1.000	67.3	10.8
2251	2010/06/21 20:58:52	0.875	74.7	9.9
2252	2010/06/21 20:58:54	0.875	79.9	10.1
2253	2010/06/21 20:58:55	0.625	77.3	8.3
2254	2010/06/21 20:59:02	0.750	74.5	7.7
2255	2010/06/21 21:00:44	0.625	64.8	11.4
2256	2010/06/21 21:01:11	0.625	79.2	10.5
2257	2010/06/21 21:01:12	0.875	73.7	9.3
2258	2010/06/21 21:01:56	0.750	69.7	10.9
2259	2010/06/21 21:04:49	0.875	63.0	9.2
2260	2010/06/21 21:05:32	0.625	74.3	10.9
2261	2010/06/21 21:06:44	0.875	69.6	9.5
2262	2010/06/21 21:06:54	0.625	73.2	8.5
2263	2010/06/21 21:06:55	0.750	75.8	8.8
2264	2010/06/21 21:06:59	1.000	75.5	8.5
2265	2010/06/21 21:07:03	0.750	68.4	6.2
2266	2010/06/21 21:07:05	0.750	71.5	10.1
2267	2010/06/21 21:07:08	0.750	75.7	9.6
2268	2010/06/21 21:07:10	0.625	69.5	10.0
2269	2010/06/21 21:07:26	1.000	60.5	10.3
2270	2010/06/21 21:07:39	1.000	79.9	10.7
2271	2010/06/21 21:07:42	0.875	73.9	8.1
2272	2010/06/21 21:07:43	0.875	71.9	7.7
2273	2010/06/21 21:07:53	1.000	68.7	10.4

2274	2010/06/21 21:07:56	1.000	80.4	10.3
2275	2010/06/21 21:10:20	1.000	56.9	6.8
2276	2010/06/21 21:11:53	1.000	65.3	9.9
2277	2010/06/21 21:11:57	1.000	76.0	8.8
2278	2010/06/21 21:12:30	0.875	68.8	10.9
2279	2010/06/21 21:15:55	1.000	77.4	7.8
2280	2010/06/21 21:19:19	0.875	74.0	9.9
2281	2010/06/21 21:19:21	0.625	75.4	8.7
2282	2010/06/21 21:19:52	0.875	61.2	7.4
2283	2010/06/21 21:20:03	1.000	59.7	9.5
2284	2010/06/21 21:20:17	0.750	64.1	9.4
2285	2010/06/21 21:20:37	0.875	76.1	8.8
2286	2010/06/21 21:20:42	0.875	58.8	8.4
2287	2010/06/21 21:21:26	0.875	80.1	9.5
2288	2010/06/21 21:21:44	1.000	73.7	7.2
2289	2010/06/21 21:23:41	0.875	69.7	8.3
2290	2010/06/21 21:25:33	0.875	58.7	8.9
2291	2010/06/21 21:26:16	0.875	64.8	6.5
2292	2010/06/21 21:29:20	0.750	58.6	7.6
2293	2010/06/21 21:31:55	0.875	69.2	9.1
2294	2010/06/21 21:32:26	1.000	77.6	10.4
2295	2010/06/21 21:32:32	0.625	69.1	8.5
2296	2010/06/21 21:32:41	1.000	68.9	8.4
2297	2010/06/21 21:33:29	0.875	77.8	8.0
2298	2010/06/21 21:33:33	1.000	68.6	8.4
2299	2010/06/21 21:33:36	0.625	60.4	9.2
2300	2010/06/21 21:33:45	0.875	71.8	11.5
2301	2010/06/21 21:33:49	0.875	71.2	8.4
2302	2010/06/21 21:33:52	0.750	70.3	9.3
2303	2010/06/21 21:34:00	1.000	73.0	10.6
2304	2010/06/21 21:34:05	0.750	72.5	8.4
2305	2010/06/21 21:35:15	1.000	74.0	8.7
2306	2010/06/21 21:35:18	0.750	63.9	7.1



2307	2010/06/21 21:35:19	0.625	68.2	9.0
2308	2010/06/21 21:35:20	0.500	71.1	12.1
2309	2010/06/21 21:36:42	0.875	70.8	9.4
2310	2010/06/21 21:36:43	0.750	76.1	9.9
2311	2010/06/21 21:36:51	0.625	82.7	10.5
2312	2010/06/21 21:36:54	1.000	76.1	9.1
2313	2010/06/21 21:37:22	0.625	73.3	8.5
2314	2010/06/21 21:37:26	0.875	80.0	9.8
2315	2010/06/21 21:37:30	0.625	78.5	9.5
2316	2010/06/21 21:37:35	0.875	75.5	7.4
2317	2010/06/21 21:37:48	1.000	74.2	9.8
2318	2010/06/21 21:38:21	0.875	70.6	9.1
2319	2010/06/21 21:38:24	1.000	61.8	6.6
2320	2010/06/21 21:39:40	0.875	67.8	7.2
2321	2010/06/21 21:39:57	1.000	61.7	9.3
2322	2010/06/21 21:40:17	1.000	58.6	7.6
2323	2010/06/21 21:41:50	0.875	61.8	7.2
2324	2010/06/21 21:41:52	0.875	64.4	11.3
2325	2010/06/21 21:41:53	0.875	62.2	7.3
2326	2010/06/21 21:42:49	1.000	65.3	9.1
2327	2010/06/21 21:43:09	0.875	63.5	6.6
2328	2010/06/21 21:43:16	1.000	56.5	6.4
2329	2010/06/21 21:45:27	0.500	60.3	8.9
2330	2010/06/21 21:45:47	0.750	61.2	10.9
2331	2010/06/21 21:45:54	0.750	74.1	10.8
2332	2010/06/21 21:46:00	0.750	75.6	9.9
2333	2010/06/21 21:46:06	1.000	73.6	9.1
2334	2010/06/21 21:46:08	0.750	75.3	10.9
2335	2010/06/21 21:46:26	1.000	71.1	11.3
2336	2010/06/21 21:46:27	1.000	76.0	10.0
2337	2010/06/21 21:46:29	0.625	74.0	9.6
2338	2010/06/21 21:46:31	0.750	67.6	9.7
2339	2010/06/21 21:46:33	0.750	70.7	8.9

2340	2010/06/21 21:46:35	1.000	74.9	10.0
2341	2010/06/21 21:46:38	1.000	72.4	10.1
2342	2010/06/21 21:46:40	0.625	70.9	10.3
2343	2010/06/21 21:46:49	1.000	60.7	8.0
2344	2010/06/21 21:47:01	0.625	61.6	9.2
2345	2010/06/21 21:47:14	0.625	61.3	11.6
2346	2010/06/21 21:47:23	0.625	73.7	12.7
2347	2010/06/21 21:47:47	0.625	64.4	12.6
2348	2010/06/21 21:48:04	0.750	58.6	12.3
2349	2010/06/21 21:48:14	0.750	58.5	7.5
2350	2010/06/21 21:48:54	0.500	60.4	8.4
2351	2010/06/21 21:49:38	1.000	55.5	8.7
2352	2010/06/21 21:49:58	0.750	61.7	11.7
2353	2010/06/21 21:50:39	0.625	62.6	11.2
2354	2010/06/21 21:53:24	0.750	61.3	7.9
2355	2010/06/21 21:57:54	1.000	73.8	8.1
2356	2010/06/21 21:58:07	1.000	63.2	6.4
2357	2010/06/21 21:58:40	0.750	60.2	10.5
2358	2010/06/21 21:59:27	1.000	68.2	9.1
2359	2010/06/21 21:59:30	0.750	74.3	8.4
2360	2010/06/21 22:00:37	0.750	75.0	11.9
2361	2010/06/21 22:01:19	0.750	73.6	10.6
2362	2010/06/21 22:01:21	1.000	72.4	9.4
2363	2010/06/21 22:01:23	0.875	71.8	8.7
2364	2010/06/21 22:01:28	0.750	74.0	9.1
2365	2010/06/21 22:01:31	0.500	92.6	11.8
2366	2010/06/21 22:02:24	1.000	67.0	8.7
2367	2010/06/21 22:04:09	1.000	74.9	8.9
2368	2010/06/21 22:04:14	0.625	63.3	8.8
2369	2010/06/21 22:04:30	0.875	61.2	9.1
2370	2010/06/21 22:05:41	0.625	66.6	9.5
2371	2010/06/21 22:09:01	1.000	71.4	9.8
2372	2010/06/21 22:10:20	1.000	60.7	9.1

2373	2010/06/21 22:11:18	0.875	71.3	10.2
2374	2010/06/21 22:11:31	0.750	68.0	11.1
2375	2010/06/21 22:11:35	0.875	66.7	8.5
2376	2010/06/21 22:13:44	1.000	73.2	7.9
2377	2010/06/21 22:13:46	0.875	69.1	6.6
2378	2010/06/21 22:14:06	0.875	76.4	8.6
2379	2010/06/21 22:14:09	1.000	73.0	7.8
2380	2010/06/21 22:14:10	0.750	68.7	7.2
2381	2010/06/21 22:14:30	0.625	69.9	11.3
2382	2010/06/21 22:15:08	0.750	75.1	9.3
2383	2010/06/21 22:15:31	0.875	74.4	10.6
2384	2010/06/21 22:15:33	0.875	68.7	8.9
2385	2010/06/21 22:15:37	0.750	70.4	9.4
2386	2010/06/21 22:16:00	0.875	64.1	8.7
2387	2010/06/21 22:16:04	0.875	68.8	8.3
2388	2010/06/21 22:16:14	0.875	76.6	9.4
2389	2010/06/21 22:16:37	0.750	79.1	7.9
2390	2010/06/21 22:16:40	1.000	69.9	8.7
2391	2010/06/21 22:16:43	0.750	68.6	8.9
2392	2010/06/21 22:16:44	0.625	76.3	12.7
2393	2010/06/21 22:16:45	0.750	67.6	13.3
2394	2010/06/21 22:16:58	1.000	76.9	9.4
2395	2010/06/21 22:17:00	0.750	77.0	7.5
2396	2010/06/21 22:17:01	1.000	69.8	8.3
2397	2010/06/21 22:17:04	0.625	67.9	7.5
2398	2010/06/21 22:17:08	0.750	72.6	10.3
2399	2010/06/21 22:17:10	0.500	67.5	10.7
2400	2010/06/21 22:17:16	0.750	74.6	12.2
2401	2010/06/21 22:18:17	1.000	72.9	9.1
2402	2010/06/21 22:19:33	0.750	76.9	9.7
2403	2010/06/21 22:19:44	0.750	74.4	11.0
2404	2010/06/21 22:20:17	1.000	79.8	10.2
2405	2010/06/21 22:20:38	1.000	73.6	11.2

2406	2010/06/21 22:20:47	0.750	74.4	10.2
2407	2010/06/21 22:21:43	0.625	76.9	9.7
2408	2010/06/21 22:21:52	0.750	82.8	10.6
2409	2010/06/21 22:22:17	0.875	64.8	6.1
2410	2010/06/21 22:22:20	1.000	76.6	9.6
2411	2010/06/21 22:22:21	1.000	76.4	8.8
2412	2010/06/21 22:23:02	0.875	70.8	8.4
2413	2010/06/21 22:23:25	0.625	71.2	10.4
2414	2010/06/21 22:23:27	0.875	70.7	8.3
2415	2010/06/21 22:23:58	0.625	64.6	10.9
2416	2010/06/21 22:24:21	0.750	75.3	11.8
2417	2010/06/21 22:24:37	1.000	65.8	7.3
2418	2010/06/21 22:24:52	0.625	65.4	8.6
2419	2010/06/21 22:25:43	1.000	73.0	9.6
2420	2010/06/21 22:26:29	0.750	72.9	9.3
2421	2010/06/21 22:26:33	0.750	71.3	7.0
2422	2010/06/21 22:26:38	1.000	77.0	8.4
2423	2010/06/21 22:26:41	0.875	74.7	9.3
2424	2010/06/21 22:26:44	0.625	69.5	7.1
2425	2010/06/21 22:27:08	0.875	74.1	9.6
2426	2010/06/21 22:28:10	0.750	76.7	9.0
2427	2010/06/21 22:28:34	0.750	64.8	8.3
2428	2010/06/21 22:30:23	0.625	75.8	7.9
2429	2010/06/21 22:30:26	0.750	72.6	10.6
2430	2010/06/21 22:30:29	0.625	71.7	10.3
2431	2010/06/21 22:30:31	0.625	71.8	9.2
2432	2010/06/21 22:30:50	0.875	76.8	7.9
2433	2010/06/21 22:31:16	0.750	73.9	9.0
2434	2010/06/21 22:31:20	0.625	70.6	9.7
2435	2010/06/21 22:31:21	0.750	77.3	9.6
2436	2010/06/21 22:31:26	0.625	71.4	8.1
2437	2010/06/21 22:33:21	1.000	63.9	7.3
2438	2010/06/21 22:33:32	1.000	69.5	8.6

2439	2010/06/21 22:33:35	1.000	68.7	7.1
2440	2010/06/21 22:33:48	1.000	80.5	10.4
2441	2010/06/21 22:33:50	0.750	72.9	10.3
2442	2010/06/21 22:34:03	1.000	67.5	8.1
2443	2010/06/21 22:34:09	1.000	70.9	8.0
2444	2010/06/21 22:34:13	1.000	74.5	9.8
2445	2010/06/21 22:34:19	0.625	69.6	7.7
2446	2010/06/21 22:34:19	0.750	75.5	9.7
2447	2010/06/21 22:34:22	1.000	72.0	9.1
2448	2010/06/21 22:34:34	1.000	64.6	7.2
2449	2010/06/21 22:35:00	1.000	72.9	8.9
2450	2010/06/21 22:36:35	1.000	75.6	8.8
2451	2010/06/21 22:36:39	0.750	71.6	9.0
2452	2010/06/21 22:39:25	1.000	80.3	10.6
2453	2010/06/21 22:39:27	0.875	69.5	9.7
2454	2010/06/21 22:40:18	1.000	64.3	6.8
2455	2010/06/21 22:40:59	0.875	71.6	9.2
2456	2010/06/21 22:41:08	0.875	82.2	9.0
2457	2010/06/21 22:41:38	1.000	63.2	7.0
2458	2010/06/21 22:42:07	1.000	74.3	9.9
2459	2010/06/21 22:42:11	1.000	71.9	10.8
2460	2010/06/21 22:42:37	1.000	77.4	8.3
2461	2010/06/21 22:42:51	0.625	76.1	9.6
2462	2010/06/21 22:43:11	0.875	72.1	9.4
2463	2010/06/21 22:43:14	1.000	67.7	7.8
2464	2010/06/21 22:43:19	0.750	75.9	9.5
2465	2010/06/21 22:43:29	1.000	71.5	7.7
2466	2010/06/21 22:44:34	1.000	69.2	9.5
2467	2010/06/21 22:44:40	0.875	65.5	11.1
2468	2010/06/21 22:44:59	1.000	63.9	7.9
2469	2010/06/21 22:45:30	0.750	74.2	9.8
2470	2010/06/21 22:45:36	0.750	76.0	10.3
2471	2010/06/21 22:45:42	0.750	63.2	10.8

2472	2010/06/21 22:46:10	0.750	73.2	9.0
2473	2010/06/21 22:46:39	0.750	67.4	10.9
2474	2010/06/21 22:46:41	0.625	71.4	10.1
2475	2010/06/21 22:47:20	0.750	69.3	8.7
2476	2010/06/21 22:47:57	0.750	58.6	11.1
2477	2010/06/21 22:47:59	0.875	56.4	6.6
2478	2010/06/21 22:48:43	0.625	61.0	12.0
2479	2010/06/21 22:48:46	0.875	64.1	7.8
2480	2010/06/21 22:49:28	1.000	63.1	8.2
2481	2010/06/21 22:50:16	1.000	73.9	9.0
2482	2010/06/21 22:50:18	1.000	68.1	7.2
2483	2010/06/21 22:50:27	1.000	66.3	6.7
2484	2010/06/21 22:52:03	0.625	64.1	12.3
2485	2010/06/21 22:53:55	0.750	71.5	9.1
2486	2010/06/21 22:54:32	0.750	70.5	9.9
2487	2010/06/21 22:54:32	0.875	70.9	9.6
2488	2010/06/21 22:54:39	0.625	82.3	9.4
2489	2010/06/21 22:54:45	0.875	77.3	9.0
2490	2010/06/21 22:54:50	1.000	70.8	8.0
2491	2010/06/21 22:55:00	0.875	73.9	10.5
2492	2010/06/21 22:57:09	0.875	70.9	11.8
2493	2010/06/21 22:57:15	0.875	70.1	9.3
2494	2010/06/21 22:57:55	0.875	74.5	10.1
2495	2010/06/21 22:58:01	0.625	73.5	10.6
2496	2010/06/21 23:00:42	0.875	81.4	11.6
2497	2010/06/21 23:00:50	0.750	70.4	7.5
2498	2010/06/21 23:01:04	0.625	68.9	12.3
2499	2010/06/21 23:01:20	0.750	75.9	8.7
2500	2010/06/21 23:01:29	0.750	80.4	10.7
2501	2010/06/21 23:01:36	0.750	78.7	10.5
2502	2010/06/21 23:01:40	0.875	84.7	9.7
2503	2010/06/21 23:01:58	1.000	73.8	9.5
2504	2010/06/21 23:02:02	0.625	67.6	8.3

2505	2010/06/21 23:02:02	0.500	68.1	7.5
2506	2010/06/21 23:02:08	0.875	72.7	8.1
2507	2010/06/21 23:02:25	0.875	68.9	6.8
2508	2010/06/21 23:02:28	1.000	73.4	10.3
2509	2010/06/21 23:03:10	0.875	72.5	9.2
2510	2010/06/21 23:03:34	0.625	66.4	11.3
2511	2010/06/21 23:03:44	0.875	81.0	9.6
2512	2010/06/21 23:03:52	0.750	77.3	10.8
2513	2010/06/21 23:04:39	0.750	77.9	10.2
2514	2010/06/21 23:04:40	0.750	78.8	8.7
2515	2010/06/21 23:04:55	1.000	70.9	7.0
2516	2010/06/21 23:04:56	0.625	72.3	9.0
2517	2010/06/21 23:04:58	0.625	66.3	9.5
2518	2010/06/21 23:05:52	0.625	80.2	9.3
2519	2010/06/21 23:06:08	1.000	79.4	9.3
2520	2010/06/21 23:06:22	0.625	84.9	7.7
2521	2010/06/21 23:06:38	0.750	71.5	10.2
2522	2010/06/21 23:06:47	0.875	81.8	8.7
2523	2010/06/21 23:07:01	0.750	70.1	8.6
2524	2010/06/21 23:07:14	0.750	78.3	10.2
2525	2010/06/21 23:07:15	0.750	71.9	9.6
2526	2010/06/21 23:07:35	1.000	80.5	8.2
2527	2010/06/21 23:07:39	0.750	77.2	9.9
2528	2010/06/21 23:08:01	1.000	68.6	9.8
2529	2010/06/21 23:08:14	1.000	76.6	8.0
2530	2010/06/21 23:08:23	1.000	75.6	8.7
2531	2010/06/21 23:08:42	0.750	80.0	7.1
2532	2010/06/21 23:08:49	1.000	66.4	11.8
2533	2010/06/21 23:08:59	0.625	71.3	7.5
2534	2010/06/21 23:09:00	0.750	74.2	8.5
2535	2010/06/21 23:09:07	0.750	72.0	9.6
2536	2010/06/21 23:09:09	0.750	76.4	10.5
2537	2010/06/21 23:09:10	0.750	78.9	10.1

2538	2010/06/21 23:09:14	0.875	77.5	9.3
2539	2010/06/21 23:09:34	0.750	67.8	9.0
2540	2010/06/21 23:12:02	1.000	76.1	9.4
2541	2010/06/21 23:15:03	1.000	64.0	8.3
2542	2010/06/21 23:15:22	1.000	72.6	9.9
2543	2010/06/21 23:15:33	0.750	64.8	9.4
2544	2010/06/21 23:15:36	0.625	71.9	12.4
2545	2010/06/21 23:15:37	0.750	67.9	10.6
2546	2010/06/21 23:15:50	0.875	74.0	9.1
2547	2010/06/21 23:15:51	1.000	77.2	10.6
2548	2010/06/21 23:16:09	0.750	67.1	7.3
2549	2010/06/21 23:16:13	1.000	65.4	8.5
2550	2010/06/21 23:16:45	0.750	74.5	9.6
2551	2010/06/21 23:17:28	1.000	66.7	7.4
2552	2010/06/21 23:17:42	1.000	75.6	9.7
2553	2010/06/21 23:17:50	0.625	76.9	11.0
2554	2010/06/21 23:17:54	0.625	72.3	10.8
2555	2010/06/21 23:18:00	0.875	69.4	7.6
2556	2010/06/21 23:18:16	0.625	72.6	7.7
2557	2010/06/21 23:18:23	0.625	69.6	10.7
2558	2010/06/21 23:18:59	1.000	63.9	8.8
2559	2010/06/21 23:19:01	1.000	64.2	8.0
2560	2010/06/21 23:19:27	1.000	67.3	8.6
2561	2010/06/21 23:19:38	0.625	72.4	10.7
2562	2010/06/21 23:19:47	0.625	68.5	9.5
2563	2010/06/21 23:19:48	1.000	69.5	10.2
2564	2010/06/21 23:19:49	0.750	74.3	8.6
2565	2010/06/21 23:20:20	0.875	67.7	11.1
2566	2010/06/21 23:20:36	0.875	78.3	6.5
2567	2010/06/21 23:20:48	0.625	69.6	6.9
2568	2010/06/21 23:21:25	0.625	74.5	8.5
2569	2010/06/21 23:21:31	0.875	76.4	9.9
2570	2010/06/21 23:21:34	0.875	80.6	9.7



2571	2010/06/21 23:21:36	0.875	76.2	8.0
2572	2010/06/21 23:21:38	1.000	75.8	7.5
2573	2010/06/21 23:21:40	1.000	78.0	10.9
2574	2010/06/21 23:21:54	0.750	72.8	8.7
2575	2010/06/21 23:22:08	0.750	68.9	10.6
2576	2010/06/21 23:22:09	1.000	77.5	10.4
2577	2010/06/21 23:22:10	0.625	78.8	9.0
2578	2010/06/21 23:22:18	0.750	75.1	9.8
2579	2010/06/21 23:22:42	1.000	60.5	9.3
2580	2010/06/21 23:22:43	0.625	73.8	10.0
2581	2010/06/21 23:22:49	0.625	68.9	10.6
2582	2010/06/21 23:22:52	0.750	64.9	9.3
2583	2010/06/21 23:22:57	0.625	71.7	10.5
2584	2010/06/21 23:23:01	0.625	68.2	9.2
2585	2010/06/21 23:23:03	1.000	64.0	9.5
2586	2010/06/21 23:23:06	0.875	60.1	9.1
2587	2010/06/21 23:23:21	1.000	63.8	9.5
2588	2010/06/21 23:23:23	1.000	66.9	10.7
2589	2010/06/21 23:23:33	0.500	65.3	10.9
2590	2010/06/21 23:23:40	0.625	71.1	10.1
2591	2010/06/21 23:23:42	0.625	71.0	10.2
2592	2010/06/21 23:23:44	0.625	64.4	9.9
2593	2010/06/21 23:24:11	0.875	68.9	10.0
2594	2010/06/21 23:24:31	0.625	73.8	9.0
2595	2010/06/21 23:24:32	0.625	71.8	8.3
2596	2010/06/21 23:24:35	0.875	67.3	8.9
2597	2010/06/21 23:24:54	0.750	80.8	10.3
2598	2010/06/21 23:24:57	0.625	72.8	6.6
2599	2010/06/21 23:25:02	0.750	78.2	10.2
2600	2010/06/21 23:25:04	0.625	74.2	8.9
2601	2010/06/21 23:25:13	0.625	70.4	9.2
2602	2010/06/21 23:25:17	0.750	71.1	10.3
2603	2010/06/21 23:25:20	0.625	70.3	9.6

2604	2010/06/21 23:25:27	0.625	70.5	10.4
2605	2010/06/21 23:25:56	0.875	68.4	9.5
2606	2010/06/21 23:26:00	1.000	65.6	7.8
2607	2010/06/21 23:26:16	0.625	75.1	10.3
2608	2010/06/21 23:26:20	0.625	80.5	11.5
2609	2010/06/21 23:26:23	0.625	68.9	12.7
2610	2010/06/21 23:26:27	0.625	63.4	11.7
2611	2010/06/21 23:26:32	0.875	63.7	10.2
2612	2010/06/21 23:26:46	1.000	82.1	8.9
2613	2010/06/21 23:26:49	0.625	77.5	10.2
2614	2010/06/21 23:27:05	0.750	77.1	12.4
2615	2010/06/21 23:27:11	0.750	69.4	10.0
2616	2010/06/21 23:27:24	0.875	81.5	10.3
2617	2010/06/21 23:27:26	0.750	76.3	10.3
2618	2010/06/21 23:27:28	0.625	68.9	11.0
2619	2010/06/21 23:27:37	1.000	75.5	8.4
2620	2010/06/21 23:27:44	0.875	73.2	10.2
2621	2010/06/21 23:27:46	1.000	67.2	9.4
2622	2010/06/21 23:27:49	1.000	72.9	10.1
2623	2010/06/21 23:28:03	0.875	76.0	8.8
2624	2010/06/21 23:28:05	1.000	73.5	9.0
2625	2010/06/21 23:28:22	1.000	65.1	9.8
2626	2010/06/21 23:28:26	0.625	60.9	10.0
2627	2010/06/21 23:28:35	0.625	73.5	11.0
2628	2010/06/21 23:28:38	0.625	79.0	10.6
2629	2010/06/21 23:28:39	1.000	68.7	10.5
2630	2010/06/21 23:28:41	0.625	67.1	10.1
2631	2010/06/21 23:28:51	0.625	73.7	10.3
2632	2010/06/21 23:28:52	1.000	72.2	8.4
2633	2010/06/21 23:28:57	0.750	75.6	9.2
2634	2010/06/21 23:28:58	0.750	74.3	8.1
2635	2010/06/21 23:29:08	0.875	70.8	9.4
2636	2010/06/21 23:29:13	0.875	65.3	11.4

2637	2010/06/21 23:29:51	0.625	63.3	11.1
2638	2010/06/21 23:29:54	0.625	68.7	11.0
2639	2010/06/21 23:29:59	0.750	63.1	7.2
2640	2010/06/21 23:30:04	0.625	64.7	11.7
2641	2010/06/21 23:30:16	0.625	73.4	9.9
2642	2010/06/21 23:31:05	0.625	66.2	7.5
2643	2010/06/21 23:31:07	0.750	66.4	8.8
2644	2010/06/21 23:31:14	0.625	67.6	10.4
2645	2010/06/21 23:31:15	0.625	69.2	10.2
2646	2010/06/21 23:31:17	0.875	65.6	8.6
2647	2010/06/21 23:31:29	0.750	78.2	9.3
2648	2010/06/21 23:31:32	0.625	66.9	10.1
2649	2010/06/21 23:31:37	0.875	63.1	8.1
2650	2010/06/21 23:32:26	0.875	62.5	6.7
2651	2010/06/21 23:32:29	0.750	63.7	8.6
2652	2010/06/21 23:32:52	0.750	64.5	10.2
2653	2010/06/21 23:33:05	1.000	70.3	9.8
2654	2010/06/21 23:33:32	0.750	68.7	9.9
2655	2010/06/21 23:33:33	0.625	62.6	8.5
2656	2010/06/21 23:33:40	0.750	69.7	7.5
2657	2010/06/21 23:33:48	0.875	71.6	8.2
2658	2010/06/21 23:33:56	0.875	76.3	8.1
2659	2010/06/21 23:34:33	0.750	76.4	11.0
2660	2010/06/21 23:35:30	0.875	68.9	9.0
2661	2010/06/21 23:35:39	0.625	72.1	9.8
2662	2010/06/21 23:35:44	0.625	75.0	11.7
2663	2010/06/21 23:35:56	0.625	74.8	11.3
2664	2010/06/21 23:35:57	0.625	78.2	9.4
2665	2010/06/21 23:36:41	1.000	71.5	8.5
2666	2010/06/21 23:36:43	0.625	77.3	10.1
2667	2010/06/21 23:36:52	0.750	73.9	10.7
2668	2010/06/21 23:36:57	0.625	74.5	9.8
2669	2010/06/21 23:37:03	1.000	61.8	7.6

2670	2010/06/21 23:37:08	0.750	69.2	9.2
2671	2010/06/21 23:37:10	0.625	68.7	9.6
2672	2010/06/21 23:37:11	0.750	63.7	9.3
2673	2010/06/21 23:37:14	1.000	78.2	10.0
2674	2010/06/21 23:37:17	0.750	69.0	9.9
2675	2010/06/21 23:37:29	0.875	66.2	11.1
2676	2010/06/21 23:37:44	0.875	57.6	8.4
2677	2010/06/21 23:37:45	1.000	57.7	6.1
2678	2010/06/21 23:38:40	1.000	61.1	6.9
2679	2010/06/21 23:39:31	0.875	67.7	9.2
2680	2010/06/21 23:40:52	0.625	70.0	12.2
2681	2010/06/21 23:41:31	0.875	70.1	9.6
2682	2010/06/21 23:41:43	1.000	74.7	10.1
2683	2010/06/21 23:42:00	0.625	72.6	9.1
2684	2010/06/21 23:42:03	0.875	72.1	10.4
2685	2010/06/21 23:42:21	0.750	74.3	9.9
2686	2010/06/21 23:42:24	0.625	75.5	9.1
2687	2010/06/21 23:42:27	0.625	78.5	9.6
2688	2010/06/21 23:42:31	1.000	76.7	10.5
2689	2010/06/21 23:42:34	0.625	71.2	8.4
2690	2010/06/21 23:42:36	1.000	67.1	7.3
2691	2010/06/21 23:42:52	0.625	70.1	9.5

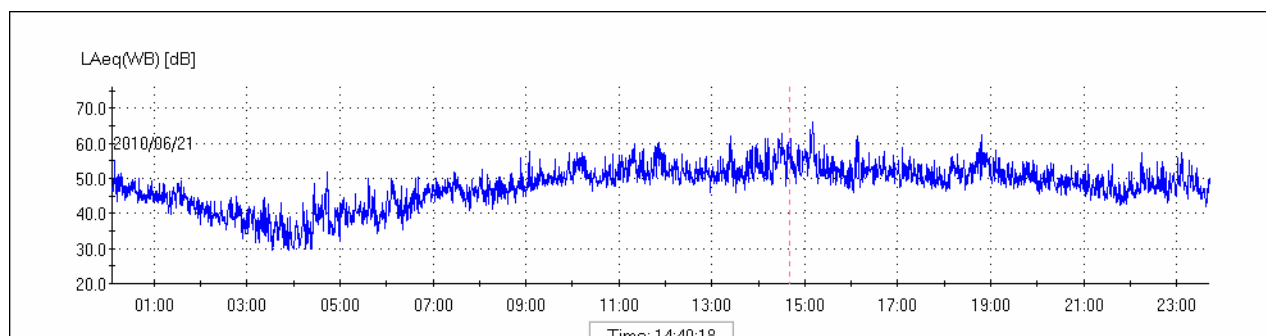
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 63	0.0
Freq: 160	0.0
Freq: 250	0.1
Freq: 315	0.1
Freq: 400	0.1
Freq: 500	0.2
Freq: 630	0.1

 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Freq: 800	0.1
Freq: 1 k	0.1
Freq: 2.5 k	0.2
Freq: 3.15 k	4.3
Freq: 4 k	0.1
Freq: 5 k	0.0
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: No	

TIME ISTORY COMPONENTI TONALI

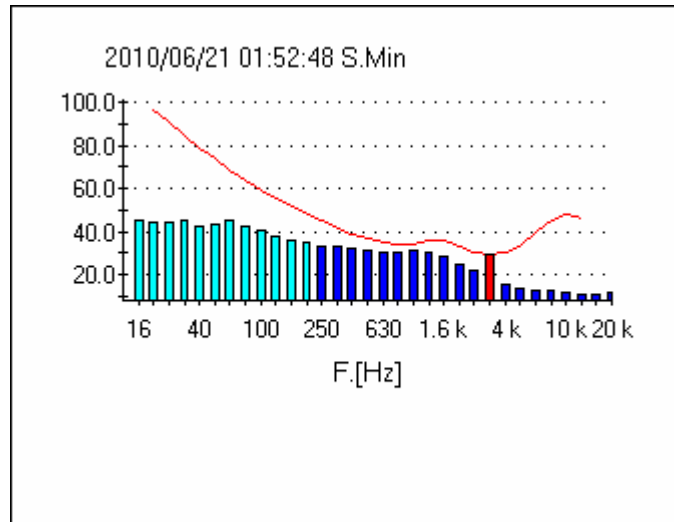
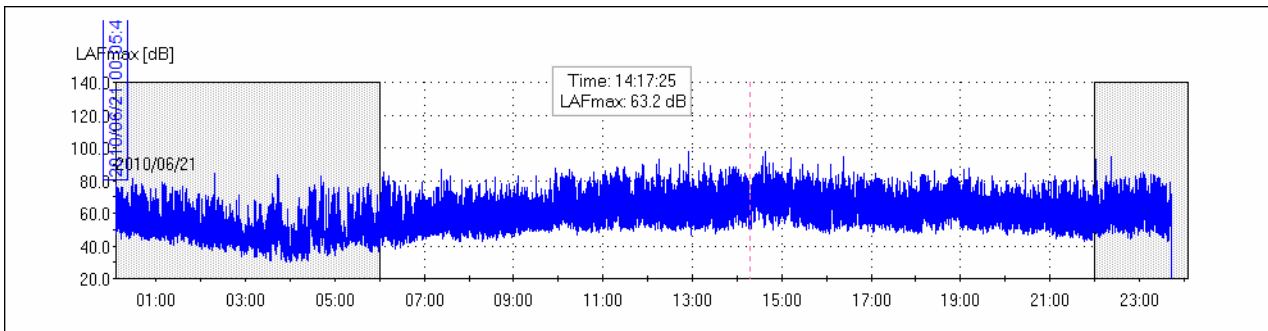
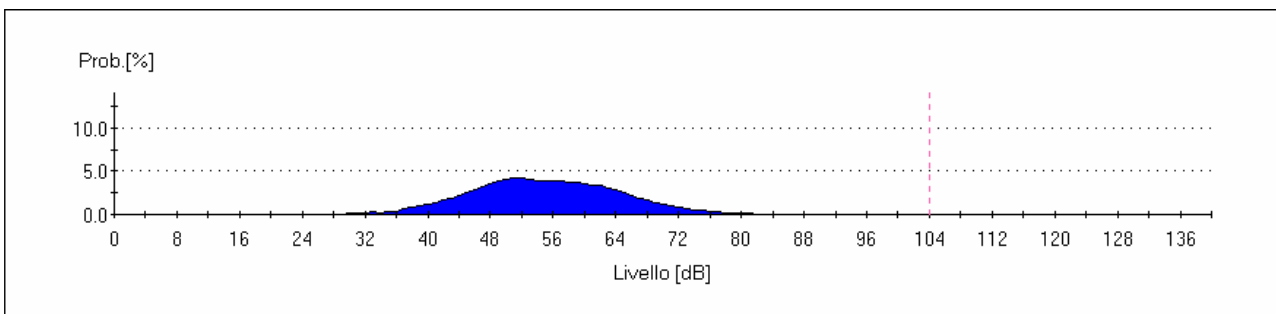


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO

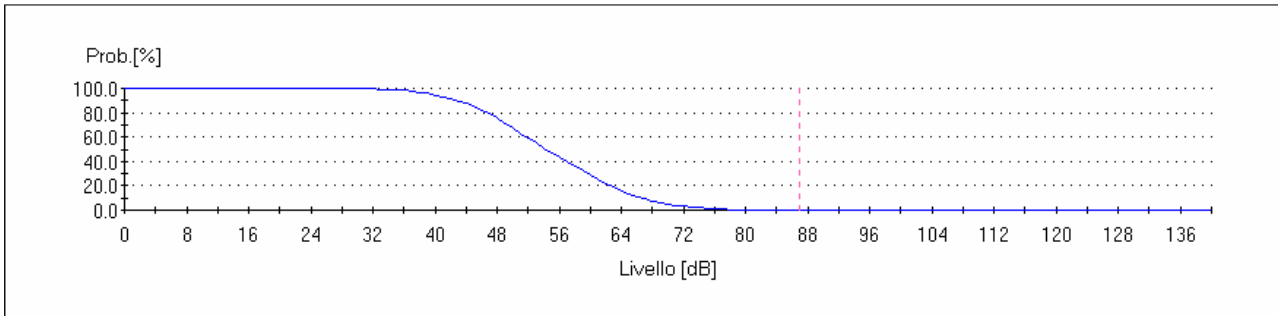


DISTRIBUTIVA

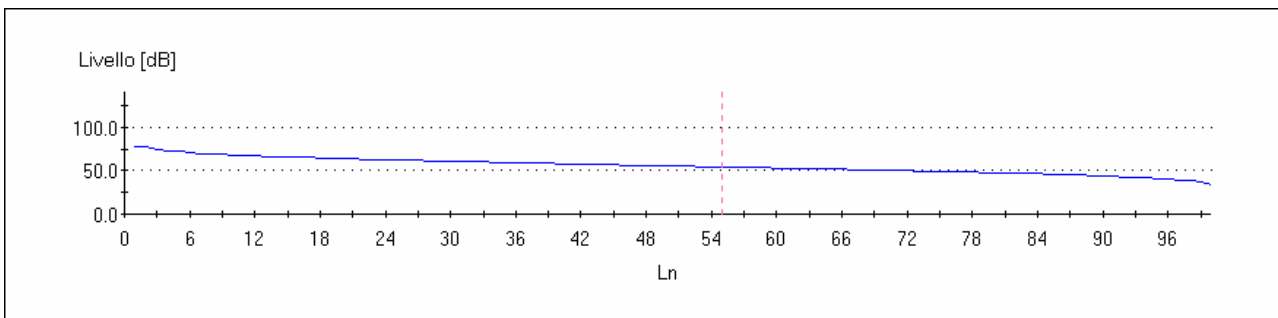


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

### CUMULATIVA



### GRAFICO PERCENTILI





Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	77.0
1	77.0
2	75.0
3	73.0
4	72.0
5	71.0
6	70.0
7	69.0
8	68.5
9	68.0
10	67.5
11	67.0
12	66.5
13	66.0
14	65.7
15	65.3
16	65.0
17	64.5
18	64.0
19	63.8
20	63.5
21	63.3
22	63.0
23	62.7
24	62.3
25	62.0
26	61.7
27	61.3
28	61.0

29	60.8
30	60.5
31	60.3
32	60.0
33	59.7
34	59.3
35	59.0
36	58.8
37	58.5
38	58.3
39	58.0
40	57.8
41	57.5
42	57.3
43	57.0
44	56.8
45	56.5
46	56.3
47	56.0
48	55.8
49	55.5
50	55.3
51	55.0
52	54.8
53	54.5
54	54.3
55	54.0
56	53.8
57	53.5
58	53.3
59	53.0
60	52.8
61	52.5

62	52.3
63	52.0
64	51.8
65	51.5
66	51.3
67	51.0
68	50.8
69	50.5
70	50.3
71	50.0
72	49.8
73	49.5
74	49.3
75	49.0
76	48.7
77	48.3
78	48.0
79	47.8
80	47.5
81	47.3
82	47.0
83	46.7
84	46.3
85	46.0
86	45.5
87	45.0
88	44.5
89	44.0
90	43.5
91	43.0
92	42.5
93	42.0
94	41.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	40.0
96	39.0
97	38.0
98	37.0
99	34.0

**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	78.0
1	78.0
2	76.0
3	74.0
4	73.0
5	72.0
6	71.0
7	70.5
8	70.0
9	69.5
10	69.0
11	68.5
12	68.0
13	67.5
14	67.0
15	66.7
16	66.3
17	66.0
18	65.7
19	65.3
20	65.0
21	64.8
22	64.5
23	64.3

24	64.0
25	63.8
26	63.5
27	63.3
28	63.0
29	62.8
30	62.5
31	62.3
32	62.0
33	61.8
34	61.6
35	61.4
36	61.2
37	61.0
38	60.8
39	60.5
40	60.3
41	60.0
42	59.8
43	59.6
44	59.4
45	59.2
46	59.0
47	58.8
48	58.5
49	58.3
50	58.0
51	57.8
52	57.6
53	57.4
54	57.2
55	57.0
56	56.8

57	56.6
58	56.4
59	56.2
60	56.0
61	55.8
62	55.5
63	55.3
64	55.0
65	54.8
66	54.6
67	54.4
68	54.2
69	54.0
70	53.8
71	53.6
72	53.4
73	53.2
74	53.0
75	52.8
76	52.5
77	52.3
78	52.0
79	51.8
80	51.6
81	51.4
82	51.2
83	51.0
84	50.8
85	50.5
86	50.3
87	50.0
88	49.8
89	49.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

90	49.3
91	49.0
92	48.5
93	48.0
94	47.5
95	47.0
96	46.5
97	46.0
98	45.0
99	43.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	72.0
1	72.0
2	70.0
3	68.0
4	66.0
5	65.0
6	64.0
7	63.5
8	63.0
9	62.0
10	61.5
11	61.0
12	60.0
13	59.5
14	59.0
15	58.5
16	58.0
17	57.5
18	57.0

19	56.5
20	56.0
21	55.5
22	55.0
23	54.5
24	54.0
25	53.7
26	53.3
27	53.0
28	52.7
29	52.3
30	52.0
31	51.7
32	51.3
33	51.0
34	50.8
35	50.5
36	50.3
37	50.0
38	49.8
39	49.6
40	49.4
41	49.2
42	49.0
43	48.8
44	48.7
45	48.5
46	48.3
47	48.2
48	48.0
49	47.8
50	47.6
51	47.4



52	47.2
53	47.0
54	46.8
55	46.7
56	46.5
57	46.3
58	46.2
59	46.0
60	45.8
61	45.6
62	45.4
63	45.2
64	45.0
65	44.8
66	44.7
67	44.5
68	44.3
69	44.2
70	44.0
71	43.8
72	43.5
73	43.3
74	43.0
75	42.8
76	42.6
77	42.4
78	42.2
79	42.0
80	41.8
81	41.5
82	41.3
83	41.0
84	40.8

85	40.5
86	40.3
87	40.0
88	39.7
89	39.3
90	39.0
91	38.5
92	38.0
93	37.5
94	37.0
95	36.0
96	35.0
97	34.0
98	33.0
99	32.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,1	81	84,2
89,7	81,6	86,5
95,5	88,3	92,9
100,3	93,5	97,7
90	82,7	87,7
97,2	91,1	94,9
<b>100,3</b>	<b>93,5</b>	<b>97,7</b>

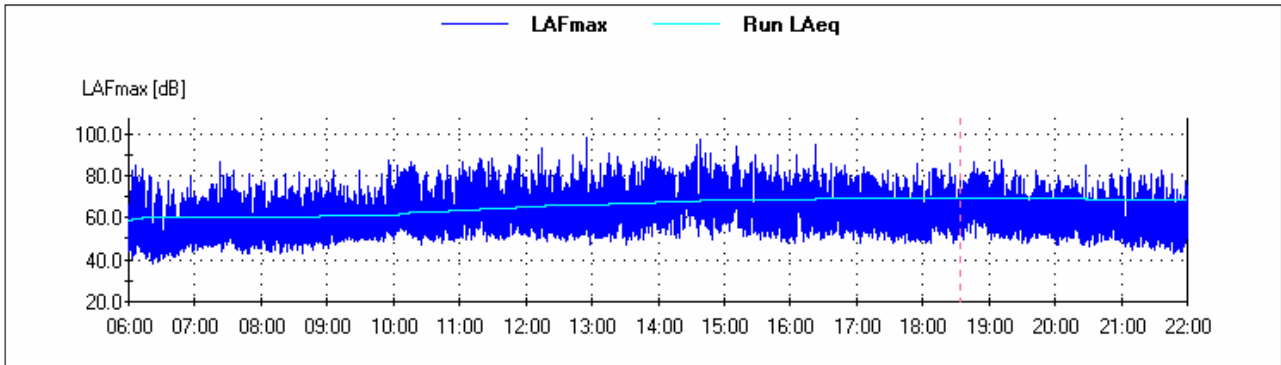
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89,7	81,6	86,5
95,5	88,3	92,9
100,3	93,5	97,7
90	82,7	87,7
87,1	78,6	82,9
<b>100,3</b>	<b>93,5</b>	<b>97,7</b>

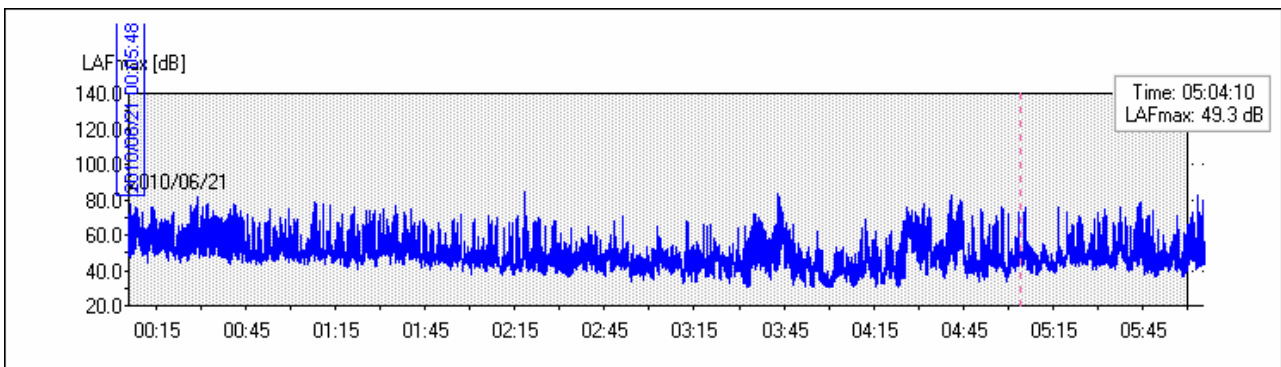
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
97,2	91,1	94,9
88,1	81	84,2
85,8	74,8	82,4
<b>97,2</b>	<b>91,1</b>	<b>94,9</b>

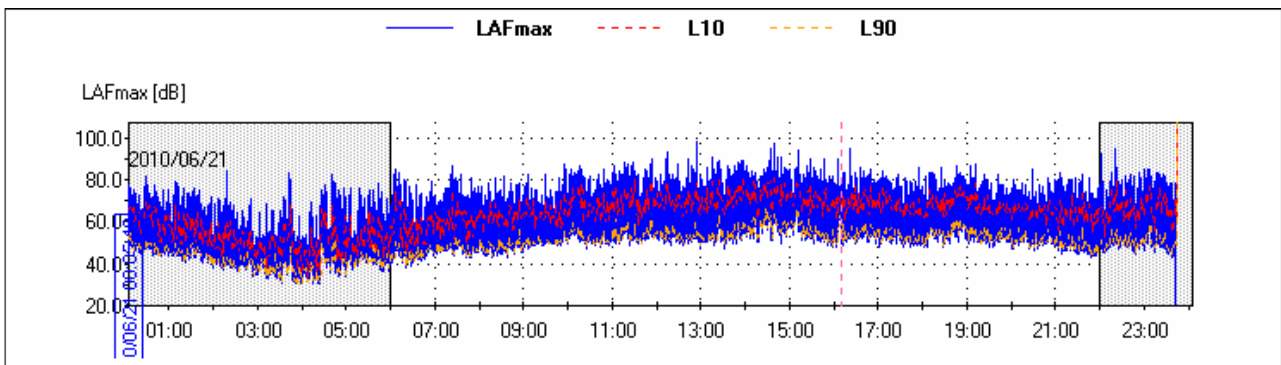
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

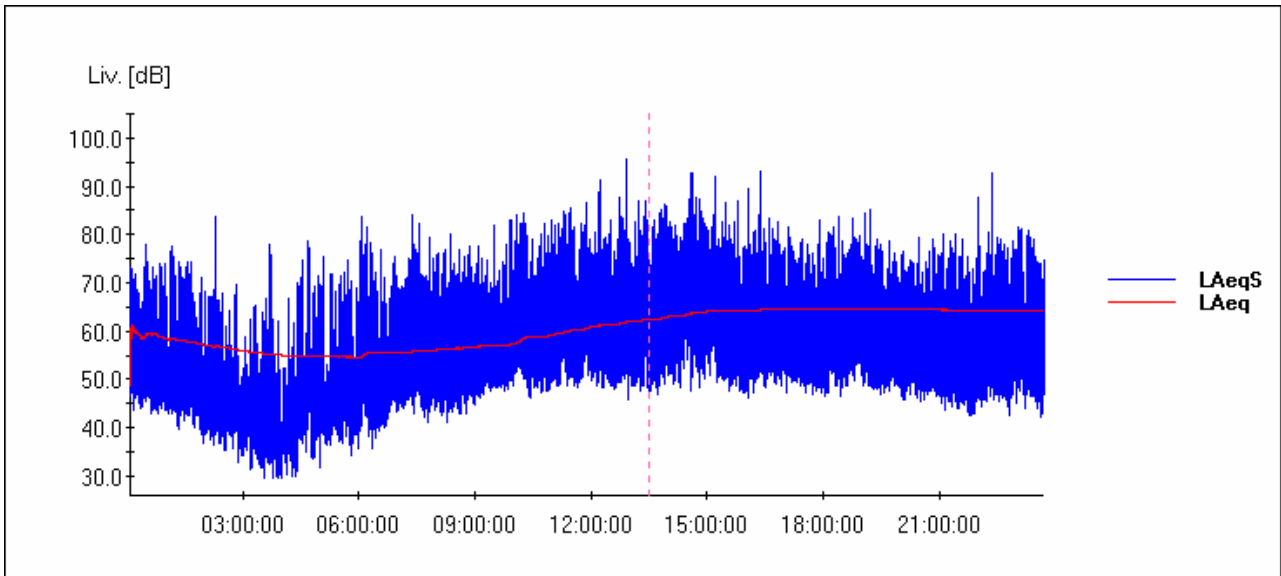


**TIME HISTORY L10 – L90**

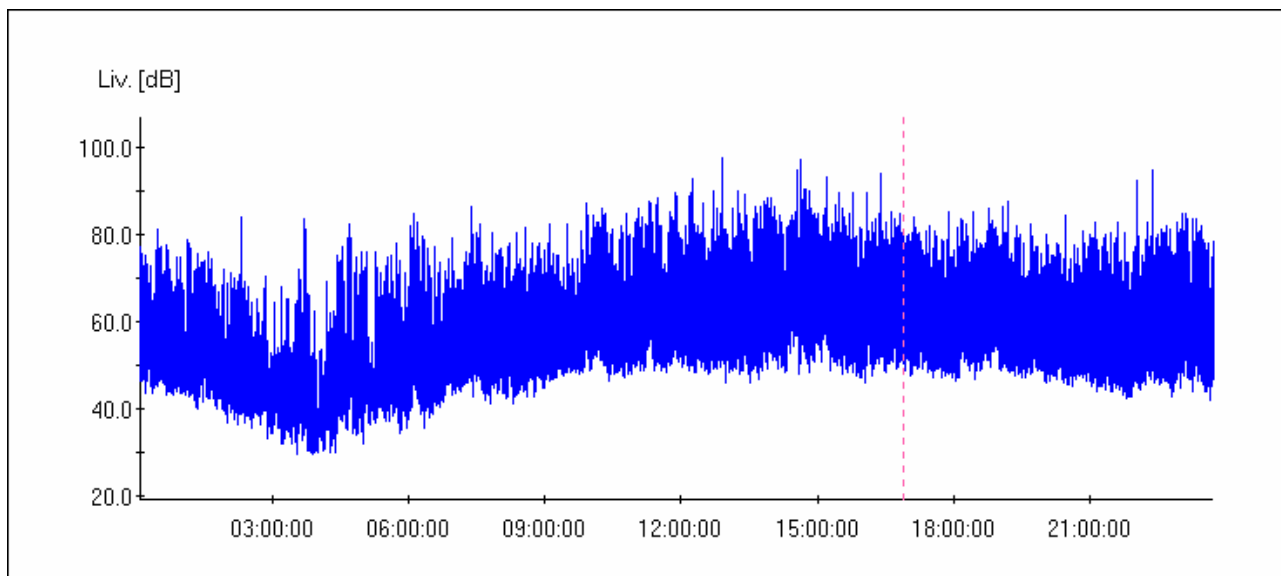


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_5_S</b>	<b>VIA SALITA CIMITERO</b>
<i>Descrizione del punto di misura/ricettore</i>		
<b>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla piazzola antistante il cimitero ad una distanza di mt 1,00 dal muro di cinta delle attrezzature sportive</b>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input checked="" type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<i>Caratterizzazione delle sorgenti di rumore</i>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_5_S</b>	Indirizzo <b>VIA SALITA CIMITERO</b>
-------	---------------------------	---

Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>22/06/10</b>	<b>68.5</b>	<b>0</b>	<b>0</b>		<b>68.5</b>	<b>55</b>
Notte	22-6h	<b>22/06/10</b>	<b>67.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67.1</b>	<b>45</b>

RISULTATI MISURE	
Codice misura	<b>R_5_S</b>
Data inizio	<b>22/06/2010</b>
Ora inizio	<b>23.49.29</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>68.1</b>	<b>68.5</b>	<b>67.1</b>
L1	[dBA]	<b>80.0</b>	<b>80.0</b>	<b>78.0</b>
L5	[dBA]	<b>73.0</b>	<b>73.0</b>	<b>73.5</b>
L10	[dBA]	<b>69.5</b>	<b>69.0</b>	<b>70.5</b>
L50	[dBA]	<b>58.8</b>	<b>59.3</b>	<b>57.5</b>
L90	[dBA]	<b>48.7</b>	<b>49.5</b>	<b>47.7</b>
L95	[dBA]	<b>47.0</b>	<b>47.5</b>	<b>45.5</b>
L99	[dBA]	<b>44.0</b>	<b>45.0</b>	<b>42.0</b>
Llmax	[dBA]	<b>101.3</b>	<b>101.3</b>	<b>94.3</b>
LFmax	[dBA]	<b>97.0</b>	<b>97.0</b>	<b>87.6</b>
LSmax	[dBA]	<b>90.6</b>	<b>90.6</b>	<b>92.8</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>68.1</b>	<b>68.5</b>	<b>67.1</b>

Note:  
si sono verificate brevi precipitazioni piovose nei seguenti intervalli di tempo: - dalle 10:30 alle 11:05 e dalle 21:45 alle 22:15

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

Punto	Ricettore <b>R_5_S</b>	Indirizzo <b>VIA SALITA CIMITERO</b>
-------	---------------------------	---

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>8</b>	<b>8</b>	<b>6</b>	<b>18</b>	<b>10</b>	<b>25</b>	<b>2</b>	<b>13.5</b>
Veic. Pesanti / 10'	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1.5</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.5</b>	<b>6</b>	<b>0</b>	<b>3</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>NUV.</b>	<b>NUV.</b>	<b>NUV.</b>	<b>NUV.</b>		<b>NUV.</b>	<b>NUV.</b>	
Temperatura	<b>21.3</b>	<b>21.1</b>	<b>22</b>	<b>20.2</b>	<b>21.15</b>	<b>19.5</b>	<b>17.3</b>	<b>18.4</b>
Umidità relativa	<b>71</b>	<b>79</b>	<b>72</b>	<b>79</b>	<b>75.25</b>	<b>74</b>	<b>65</b>	<b>69.5</b>
Velocità vento	<b>2.8</b>	<b>3.9</b>	<b>6.4</b>	<b>3.9</b>	<b>4.25</b>	<b>2</b>	<b>3.4</b>	<b>2.7</b>
Direzione vento	<b>N E</b>	<b>N N E</b>	<b>E</b>	<b>N N E</b>		<b>N N E</b>	<b>N E</b>	

**Fotografia del punto di misura**





Punto	Ricettore	Indirizzo
	<b>R_5_S</b>	<b>VIA SALITA CIMITERO</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

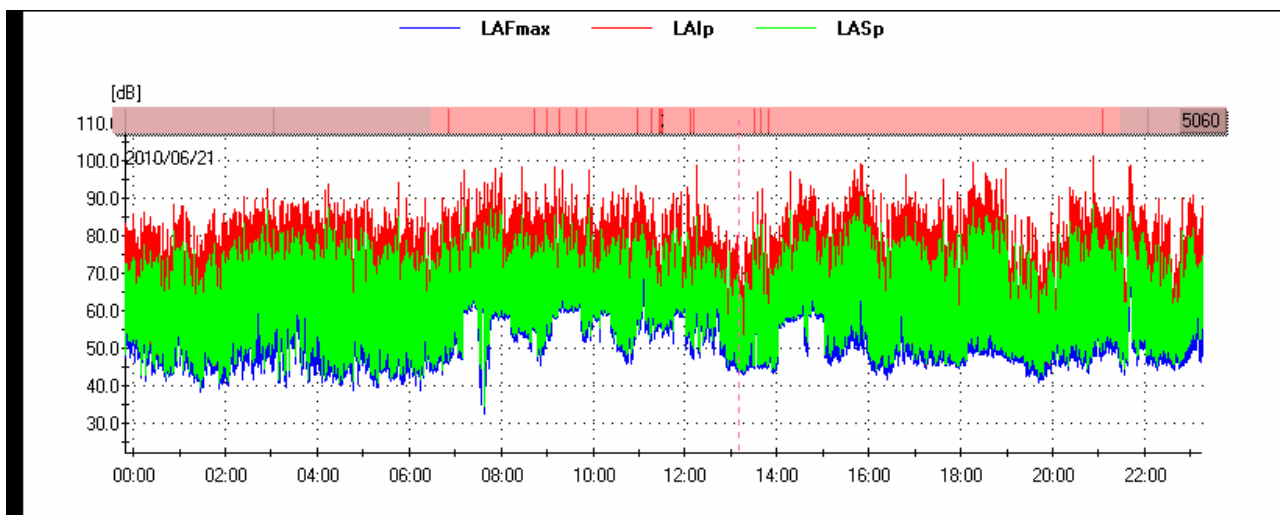
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAI<sub>max</sub> e LAS<sub>max</sub> superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAF<sub>max</sub> inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata 10dB[s]	LAFmax-	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/21 23:49:37	1.000		64.9	9.4
2	2010/06/21 23:50:18	0.625		76.0	10.6
3	2010/06/21 23:50:19	1.000		74.0	8.7
4	2010/06/21 23:50:21	0.750		73.0	9.2
5	2010/06/21 23:50:28	0.875		79.2	10.9
6	2010/06/21 23:50:29	1.000		77.2	8.6
7	2010/06/21 23:50:42	0.875		75.5	9.5
8	2010/06/21 23:50:52	1.000		79.7	9.0
9	2010/06/21 23:51:42	0.875		77.9	9.6
10	2010/06/21 23:51:47	1.000		75.1	8.7
11	2010/06/21 23:51:48	0.625		78.6	9.5
12	2010/06/21 23:51:50	0.875		72.2	8.7
13	2010/06/21 23:51:56	0.625		69.1	8.0
14	2010/06/21 23:52:03	0.750		71.6	11.7
15	2010/06/21 23:52:06	0.625		77.5	10.4
16	2010/06/21 23:52:16	1.000		71.3	8.5
17	2010/06/21 23:52:19	1.000		66.9	7.6
18	2010/06/21 23:52:39	0.625		66.8	8.7
19	2010/06/21 23:53:32	0.875		64.6	9.5
20	2010/06/21 23:53:34	0.750		77.7	10.8
21	2010/06/21 23:53:44	0.625		70.7	9.6
22	2010/06/21 23:53:46	0.750		69.9	9.8
23	2010/06/21 23:53:51	0.625		71.5	9.7
24	2010/06/21 23:53:53	1.000		66.4	8.6
25	2010/06/21 23:53:55	1.000		74.0	9.5
26	2010/06/21 23:53:59	0.625		73.8	12.4
27	2010/06/21 23:54:03	0.625		73.8	9.8
28	2010/06/21 23:54:05	0.875		69.2	6.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

29	2010/06/21 23:54:07	0.625	69.5	8.4
30	2010/06/21 23:54:16	1.000	73.8	9.2
31	2010/06/21 23:54:40	0.750	74.8	9.2
32	2010/06/21 23:54:45	0.750	72.9	10.5
33	2010/06/21 23:54:49	0.625	77.6	10.6
34	2010/06/21 23:55:45	1.000	76.4	11.4
35	2010/06/21 23:55:52	0.750	69.4	8.9
36	2010/06/21 23:56:04	0.625	68.6	9.0
37	2010/06/21 23:56:12	0.750	68.8	10.0
38	2010/06/21 23:57:02	0.750	72.4	9.7
39	2010/06/21 23:57:03	0.750	69.7	7.8
40	2010/06/21 23:57:54	1.000	68.6	10.5
41	2010/06/21 23:59:21	0.625	72.6	11.1
42	2010/06/21 23:59:23	0.625	73.7	9.9
43	2010/06/21 23:59:38	0.625	81.6	11.4
44	2010/06/21 23:59:39	0.625	74.0	11.4
45	2010/06/21 23:59:43	0.750	74.9	10.7
46	2010/06/21 23:59:51	0.625	71.6	12.0
47	2010/06/21 23:59:52	0.625	68.6	10.6
48	2010/06/22 00:00:07	0.750	70.9	10.2
49	2010/06/22 00:00:07	1.000	69.1	7.8
50	2010/06/22 00:00:17	0.875	66.6	8.5
51	2010/06/22 00:00:21	0.750	71.8	11.4
52	2010/06/22 00:00:23	0.875	67.9	9.8
53	2010/06/22 00:00:28	0.750	69.6	11.3
54	2010/06/22 00:01:01	0.750	71.5	7.7
55	2010/06/22 00:01:02	0.625	78.5	10.6
56	2010/06/22 00:01:14	0.625	77.8	11.2
57	2010/06/22 00:04:36	0.625	74.2	10.8
58	2010/06/22 00:05:10	1.000	74.5	11.5
59	2010/06/22 00:05:14	0.875	66.1	9.9
60	2010/06/22 00:05:17	1.000	71.1	7.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

61	2010/06/22 00:05:22	0.875	72.5	10.1
62	2010/06/22 00:06:19	0.750	75.7	10.7
63	2010/06/22 00:06:32	0.750	74.9	8.8
64	2010/06/22 00:06:36	0.750	70.3	8.5
65	2010/06/22 00:09:25	0.875	57.9	6.9
66	2010/06/22 00:10:27	0.625	67.6	11.1
67	2010/06/22 00:10:31	1.000	63.6	6.1
68	2010/06/22 00:10:49	0.625	69.4	11.8
69	2010/06/22 00:10:52	0.750	71.3	10.1
70	2010/06/22 00:10:59	0.875	63.9	7.1
71	2010/06/22 00:12:51	0.875	77.0	11.2
72	2010/06/22 00:12:58	0.625	77.5	9.3
73	2010/06/22 00:13:00	1.000	82.6	10.3
74	2010/06/22 00:13:01	1.000	81.7	7.5
75	2010/06/22 00:13:02	0.750	79.2	7.3
76	2010/06/22 00:13:14	1.000	66.2	6.9
77	2010/06/22 00:13:18	0.750	78.3	9.6
78	2010/06/22 00:13:22	0.750	71.5	9.5
79	2010/06/22 00:13:24	0.875	79.8	9.1
80	2010/06/22 00:13:46	0.875	78.7	10.8
81	2010/06/22 00:13:48	0.750	72.6	9.8
82	2010/06/22 00:13:53	0.875	68.4	10.3
83	2010/06/22 00:13:57	1.000	68.2	6.2
84	2010/06/22 00:13:59	1.000	65.5	6.7
85	2010/06/22 00:14:12	0.625	76.2	11.5
86	2010/06/22 00:14:50	0.625	72.1	9.5
87	2010/06/22 00:14:56	1.000	66.2	10.5
88	2010/06/22 00:15:33	1.000	70.9	11.8
89	2010/06/22 00:15:39	0.750	69.2	10.0
90	2010/06/22 00:15:40	0.625	70.8	9.8
91	2010/06/22 00:15:48	1.000	72.1	9.0
92	2010/06/22 00:15:52	0.750	73.2	9.4

93	2010/06/22 00:15:56	0.750	73.9	10.5
94	2010/06/22 00:16:55	1.000	61.0	6.7
95	2010/06/22 00:17:04	1.000	67.7	11.4
96	2010/06/22 00:17:11	0.625	68.5	11.3
97	2010/06/22 00:17:13	0.875	78.9	10.1
98	2010/06/22 00:17:22	0.875	72.7	10.4
99	2010/06/22 00:17:28	0.625	71.5	10.2
100	2010/06/22 00:19:27	0.750	59.2	8.9
101	2010/06/22 00:20:10	0.875	73.7	7.3
102	2010/06/22 00:20:19	1.000	72.0	8.6
103	2010/06/22 00:20:32	1.000	63.8	7.7
104	2010/06/22 00:20:45	1.000	70.5	8.7
105	2010/06/22 00:20:47	0.625	79.1	10.5
106	2010/06/22 00:20:49	0.875	73.2	7.9
107	2010/06/22 00:20:54	1.000	69.6	11.0
108	2010/06/22 00:20:57	0.750	66.8	11.7
109	2010/06/22 00:20:58	0.625	65.7	9.4
110	2010/06/22 00:21:00	0.625	66.5	10.0
111	2010/06/22 00:21:10	0.750	69.5	11.3
112	2010/06/22 00:21:28	0.875	64.9	8.8
113	2010/06/22 00:21:36	0.625	73.4	10.0
114	2010/06/22 00:21:41	0.625	75.2	9.9
115	2010/06/22 00:21:43	0.750	77.8	10.2
116	2010/06/22 00:21:49	0.750	68.6	8.6
117	2010/06/22 00:21:52	1.000	70.1	10.5
118	2010/06/22 00:21:57	1.000	72.6	7.7
119	2010/06/22 00:22:00	0.750	76.4	10.1
120	2010/06/22 00:22:01	0.875	73.6	8.0
121	2010/06/22 00:22:03	0.625	73.5	8.5
122	2010/06/22 00:22:06	0.625	76.2	11.2
123	2010/06/22 00:22:07	0.750	72.9	10.0
124	2010/06/22 00:22:24	1.000	82.3	9.6

125	2010/06/22 00:22:48	0.750	79.0	10.4
126	2010/06/22 00:22:49	1.000	76.6	7.5
127	2010/06/22 00:22:55	0.625	70.3	8.7
128	2010/06/22 00:22:59	0.625	80.2	9.4
129	2010/06/22 00:23:01	0.750	70.8	9.8
130	2010/06/22 00:23:07	0.625	69.9	10.0
131	2010/06/22 00:23:10	0.750	77.6	9.9
132	2010/06/22 00:23:14	0.500	72.0	6.9
133	2010/06/22 00:23:24	0.625	67.4	11.4
134	2010/06/22 00:23:25	0.625	76.5	10.2
135	2010/06/22 00:23:27	0.625	69.2	10.8
136	2010/06/22 00:23:44	0.625	67.4	10.8
137	2010/06/22 00:23:49	1.000	64.6	10.2
138	2010/06/22 00:24:20	0.875	58.6	10.8
139	2010/06/22 00:24:58	0.750	62.5	10.3
140	2010/06/22 00:25:20	1.000	69.4	10.9
141	2010/06/22 00:25:28	0.875	65.5	9.0
142	2010/06/22 00:25:34	0.750	67.5	10.8
143	2010/06/22 00:25:39	0.625	71.0	11.1
144	2010/06/22 00:25:43	1.000	73.9	11.4
145	2010/06/22 00:25:44	0.875	74.9	8.8
146	2010/06/22 00:25:59	0.625	70.2	9.7
147	2010/06/22 00:26:10	1.000	69.9	8.0
148	2010/06/22 00:26:12	0.875	79.1	8.6
149	2010/06/22 00:26:14	1.000	75.3	6.6
150	2010/06/22 00:26:16	1.000	67.1	6.4
151	2010/06/22 00:26:31	0.875	68.8	10.2
152	2010/06/22 00:26:46	0.875	77.8	9.4
153	2010/06/22 00:26:50	0.750	73.2	9.5
154	2010/06/22 00:26:51	0.750	66.2	8.5
155	2010/06/22 00:27:01	1.000	63.1	9.5
156	2010/06/22 00:27:06	0.625	67.4	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

157	2010/06/22 00:27:11	0.625	66.5	12.6
158	2010/06/22 00:27:17	1.000	64.3	7.8
159	2010/06/22 00:27:35	0.625	67.4	10.8
160	2010/06/22 00:27:37	0.625	67.1	11.6
161	2010/06/22 00:27:44	0.625	66.5	10.8
162	2010/06/22 00:27:53	0.875	67.3	8.2
163	2010/06/22 00:28:14	1.000	60.8	7.4
164	2010/06/22 00:28:40	1.000	72.5	11.5
165	2010/06/22 00:28:45	1.000	61.6	6.5
166	2010/06/22 00:29:13	0.750	77.4	7.9
167	2010/06/22 00:29:33	0.750	60.3	6.7
168	2010/06/22 00:29:43	0.625	70.6	10.2
169	2010/06/22 00:30:19	0.875	68.8	7.7
170	2010/06/22 00:30:29	1.000	77.4	9.5
171	2010/06/22 00:30:39	0.875	67.4	7.8
172	2010/06/22 00:30:45	1.000	71.5	9.1
173	2010/06/22 00:30:46	0.875	74.9	10.7
174	2010/06/22 00:31:07	1.000	70.5	12.2
175	2010/06/22 00:31:30	0.625	75.7	10.1
176	2010/06/22 00:31:56	1.000	65.3	7.8
177	2010/06/22 00:32:07	1.000	58.9	6.8
178	2010/06/22 00:32:20	0.625	65.4	12.2
179	2010/06/22 00:32:35	0.625	73.1	10.0
180	2010/06/22 00:32:57	0.750	62.6	7.7
181	2010/06/22 00:32:59	0.875	75.5	10.0
182	2010/06/22 00:33:09	0.750	60.3	9.9
183	2010/06/22 00:33:15	0.750	79.8	10.0
184	2010/06/22 00:33:18	0.875	65.1	9.7
185	2010/06/22 00:33:20	1.000	62.0	9.3
186	2010/06/22 00:33:40	0.625	74.5	9.0
187	2010/06/22 00:33:49	0.875	66.6	10.0
188	2010/06/22 00:33:51	0.625	66.0	12.1



189	2010/06/22 00:34:11	0.500	68.4	9.2
190	2010/06/22 00:34:26	1.000	76.8	13.0
191	2010/06/22 00:34:34	0.875	65.0	9.3
192	2010/06/22 00:34:53	1.000	69.6	11.2
193	2010/06/22 00:35:53	0.750	69.5	7.9
194	2010/06/22 00:36:28	0.625	71.8	10.2
195	2010/06/22 00:37:24	0.875	73.6	11.3
196	2010/06/22 00:37:27	0.875	68.5	11.2
197	2010/06/22 00:37:36	1.000	65.4	7.8
198	2010/06/22 00:37:38	0.750	77.5	9.9
199	2010/06/22 00:37:41	0.625	75.0	9.8
200	2010/06/22 00:37:42	0.625	80.4	9.9
201	2010/06/22 00:37:44	1.000	74.2	9.8
202	2010/06/22 00:38:39	0.875	65.5	8.2
203	2010/06/22 00:38:43	1.000	66.7	11.0
204	2010/06/22 00:38:57	0.625	71.8	10.2
205	2010/06/22 00:38:58	0.875	78.0	9.3
206	2010/06/22 00:39:07	0.625	68.2	8.6
207	2010/06/22 00:39:14	0.625	73.3	11.0
208	2010/06/22 00:39:32	0.750	71.5	10.2
209	2010/06/22 00:39:56	0.625	62.4	8.7
210	2010/06/22 00:40:10	0.875	67.0	9.9
211	2010/06/22 00:40:11	0.625	64.0	9.3
212	2010/06/22 00:40:31	0.625	72.5	10.9
213	2010/06/22 00:40:50	0.750	70.2	9.9
214	2010/06/22 00:42:34	0.875	59.6	7.5
215	2010/06/22 00:42:37	1.000	56.9	7.0
216	2010/06/22 00:42:42	1.000	69.7	8.8
217	2010/06/22 00:43:13	1.000	61.0	6.9
218	2010/06/22 00:43:14	0.875	63.1	7.7
219	2010/06/22 00:43:23	0.750	69.3	8.5
220	2010/06/22 00:43:31	0.875	60.4	11.0

221	2010/06/22 00:43:40	0.625	75.1	10.2
222	2010/06/22 00:44:04	0.625	76.7	11.2
223	2010/06/22 00:44:05	0.750	64.6	12.3
224	2010/06/22 00:44:06	0.750	70.5	9.0
225	2010/06/22 00:44:07	0.625	70.3	10.1
226	2010/06/22 00:44:12	0.875	75.2	9.4
227	2010/06/22 00:44:14	0.500	72.0	7.8
228	2010/06/22 00:45:07	0.750	76.5	9.4
229	2010/06/22 00:45:09	0.625	61.7	10.7
230	2010/06/22 00:45:28	0.625	64.6	12.9
231	2010/06/22 00:45:39	1.000	70.5	9.0
232	2010/06/22 00:45:57	0.625	62.8	12.4
233	2010/06/22 00:46:35	1.000	61.9	10.5
234	2010/06/22 00:46:43	1.000	59.3	7.6
235	2010/06/22 00:46:46	0.875	70.9	8.4
236	2010/06/22 00:46:51	1.000	62.6	8.2
237	2010/06/22 00:47:10	0.625	65.8	11.9
238	2010/06/22 00:47:17	1.000	57.0	6.6
239	2010/06/22 00:47:47	0.625	70.8	11.7
240	2010/06/22 00:48:03	0.625	66.3	11.1
241	2010/06/22 00:48:22	1.000	61.5	10.6
242	2010/06/22 00:48:31	0.625	74.4	11.6
243	2010/06/22 00:48:37	1.000	73.6	8.9
244	2010/06/22 00:48:51	0.750	69.0	10.9
245	2010/06/22 00:48:55	0.625	70.5	10.7
246	2010/06/22 00:48:56	0.625	75.5	10.7
247	2010/06/22 00:49:03	0.625	68.7	7.3
248	2010/06/22 00:49:04	1.000	74.5	7.9
249	2010/06/22 00:49:08	0.750	77.2	9.4
250	2010/06/22 00:49:32	0.875	58.5	7.9
251	2010/06/22 00:49:37	0.625	71.4	10.6
252	2010/06/22 00:50:57	0.875	56.8	7.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

253	2010/06/22 00:51:06	0.750	60.1	11.1
254	2010/06/22 00:51:53	0.875	57.8	11.2
255	2010/06/22 00:52:09	1.000	61.7	9.4
256	2010/06/22 00:52:11	0.875	70.9	9.0
257	2010/06/22 00:52:56	0.750	59.6	7.4
258	2010/06/22 00:53:34	1.000	77.7	6.9
259	2010/06/22 00:53:35	0.750	77.7	6.9
260	2010/06/22 00:53:41	0.750	61.7	7.2
261	2010/06/22 00:53:42	0.750	70.4	9.5
262	2010/06/22 00:53:47	0.750	62.9	6.9
263	2010/06/22 00:54:31	0.875	70.7	7.1
264	2010/06/22 00:54:38	0.750	69.1	7.0
265	2010/06/22 00:54:41	0.875	65.6	7.8
266	2010/06/22 00:54:46	0.875	69.0	10.6
267	2010/06/22 00:54:58	0.875	73.8	11.0
268	2010/06/22 00:55:04	0.750	61.7	8.6
269	2010/06/22 00:55:28	0.625	65.7	10.9
270	2010/06/22 00:56:13	0.875	69.6	8.1
271	2010/06/22 00:56:32	0.750	67.8	9.9
272	2010/06/22 00:58:26	0.750	74.7	8.4
273	2010/06/22 00:58:45	1.000	80.9	9.3
274	2010/06/22 00:58:49	0.750	70.5	7.2
275	2010/06/22 00:58:59	0.625	71.6	11.3
276	2010/06/22 00:59:07	1.000	71.2	10.0
277	2010/06/22 00:59:11	0.625	71.8	10.0
278	2010/06/22 00:59:13	0.875	66.4	10.2
279	2010/06/22 00:59:21	0.750	77.9	9.7
280	2010/06/22 00:59:33	0.875	69.3	11.7
281	2010/06/22 00:59:38	0.750	80.5	10.3
282	2010/06/22 00:59:45	0.625	72.9	8.2
283	2010/06/22 00:59:53	0.875	77.7	9.2
284	2010/06/22 01:00:03	1.000	74.9	10.3

285	2010/06/22 01:00:09	0.875	80.8	10.1
286	2010/06/22 01:00:16	0.875	75.8	8.0
287	2010/06/22 01:00:24	0.625	77.1	9.2
288	2010/06/22 01:00:53	0.750	74.7	9.2
289	2010/06/22 01:00:54	1.000	76.3	9.5
290	2010/06/22 01:00:55	0.750	75.4	8.6
291	2010/06/22 01:01:10	0.875	76.6	10.0
292	2010/06/22 01:01:27	0.875	65.7	10.7
293	2010/06/22 01:01:40	0.750	68.5	6.4
294	2010/06/22 01:01:45	0.625	60.9	11.4
295	2010/06/22 01:01:48	0.875	68.7	9.4
296	2010/06/22 01:01:49	0.625	68.7	9.0
297	2010/06/22 01:02:02	0.750	73.4	7.5
298	2010/06/22 01:02:07	1.000	80.6	10.0
299	2010/06/22 01:02:35	0.625	84.7	10.9
300	2010/06/22 01:02:52	0.875	76.7	7.8
301	2010/06/22 01:02:55	0.750	67.8	7.6
302	2010/06/22 01:03:06	0.625	71.6	8.1
303	2010/06/22 01:03:32	0.750	80.7	10.0
304	2010/06/22 01:03:39	0.875	83.6	10.7
305	2010/06/22 01:03:42	1.000	71.5	8.0
306	2010/06/22 01:03:44	0.625	67.3	7.9
307	2010/06/22 01:03:48	0.625	74.3	10.0
308	2010/06/22 01:03:56	1.000	74.1	9.1
309	2010/06/22 01:04:09	0.625	77.7	11.6
310	2010/06/22 01:04:13	0.875	84.7	9.5
311	2010/06/22 01:04:15	0.625	76.0	8.7
312	2010/06/22 01:04:22	1.000	80.1	7.7
313	2010/06/22 01:04:47	0.750	72.2	8.2
314	2010/06/22 01:05:04	0.875	68.7	7.6
315	2010/06/22 01:05:18	0.500	78.3	11.3
316	2010/06/22 01:05:20	0.750	61.9	12.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

317	2010/06/22 01:05:20	0.750	60.4	13.4
318	2010/06/22 01:05:42	1.000	63.7	8.6
319	2010/06/22 01:06:00	1.000	65.5	7.2
320	2010/06/22 01:07:31	0.625	63.1	11.4
321	2010/06/22 01:08:19	0.750	84.5	8.4
322	2010/06/22 01:08:28	0.625	64.6	9.5
323	2010/06/22 01:08:32	0.625	76.1	12.7
324	2010/06/22 01:08:34	1.000	69.6	9.3
325	2010/06/22 01:08:36	0.750	75.6	10.3
326	2010/06/22 01:08:38	0.750	71.7	9.0
327	2010/06/22 01:08:48	0.750	67.3	9.9
328	2010/06/22 01:09:24	1.000	80.1	7.6
329	2010/06/22 01:09:33	1.000	72.7	7.0
330	2010/06/22 01:10:02	0.875	78.3	7.8
331	2010/06/22 01:10:21	0.750	77.6	9.1
332	2010/06/22 01:10:48	0.875	73.9	7.1
333	2010/06/22 01:10:50	0.875	75.7	8.0
334	2010/06/22 01:10:51	0.750	76.0	8.3
335	2010/06/22 01:10:58	1.000	74.7	9.1
336	2010/06/22 01:11:00	0.875	65.3	8.9
337	2010/06/22 01:11:27	0.750	62.2	9.4
338	2010/06/22 01:11:30	0.625	64.1	10.8
339	2010/06/22 01:11:31	1.000	73.5	10.1
340	2010/06/22 01:11:34	0.875	74.9	10.0
341	2010/06/22 01:12:07	0.625	64.1	8.7
342	2010/06/22 01:12:09	0.750	59.3	7.8
343	2010/06/22 01:12:13	0.875	80.3	10.3
344	2010/06/22 01:12:26	0.625	67.7	8.5
345	2010/06/22 01:12:27	1.000	65.0	8.7
346	2010/06/22 01:12:31	0.875	67.4	10.5
347	2010/06/22 01:12:33	0.625	68.1	9.3
348	2010/06/22 01:12:35	0.750	63.5	9.4

349	2010/06/22 01:12:36	0.625	66.0	11.3
350	2010/06/22 01:12:39	0.875	61.3	8.1
351	2010/06/22 01:12:47	0.625	69.2	11.6
352	2010/06/22 01:13:58	0.875	62.2	7.5
353	2010/06/22 01:14:15	0.625	64.0	9.6
354	2010/06/22 01:14:22	0.625	58.5	11.4
355	2010/06/22 01:15:11	0.875	64.2	10.2
356	2010/06/22 01:15:14	0.875	68.8	8.4
357	2010/06/22 01:15:31	0.875	67.5	8.7
358	2010/06/22 01:15:32	0.750	58.2	9.3
359	2010/06/22 01:15:36	0.875	59.7	10.5
360	2010/06/22 01:16:10	0.625	68.5	8.4
361	2010/06/22 01:16:14	0.625	68.4	10.2
362	2010/06/22 01:16:31	1.000	63.4	10.7
363	2010/06/22 01:16:53	0.625	63.4	12.7
364	2010/06/22 01:17:13	0.500	68.8	11.8
365	2010/06/22 01:17:18	0.500	59.3	9.8
366	2010/06/22 01:17:18	0.625	65.0	12.5
367	2010/06/22 01:17:24	0.625	61.8	10.7
368	2010/06/22 01:17:26	1.000	69.3	9.8
369	2010/06/22 01:17:28	0.625	59.1	9.3
370	2010/06/22 01:17:30	0.625	61.5	10.7
371	2010/06/22 01:17:32	0.625	67.3	11.4
372	2010/06/22 01:17:40	0.625	61.9	12.7
373	2010/06/22 01:17:42	0.875	64.4	9.8
374	2010/06/22 01:17:55	0.750	65.5	7.6
375	2010/06/22 01:17:56	1.000	71.2	10.7
376	2010/06/22 01:18:01	1.000	64.2	12.1
377	2010/06/22 01:18:08	1.000	66.0	8.9
378	2010/06/22 01:18:17	1.000	61.1	6.2
379	2010/06/22 01:18:30	0.625	67.8	8.9
380	2010/06/22 01:18:37	0.625	59.9	10.9

381	2010/06/22 01:18:44	0.750	69.6	11.0
382	2010/06/22 01:19:07	0.625	60.2	11.8
383	2010/06/22 01:19:10	0.625	58.5	11.1
384	2010/06/22 01:19:11	0.875	58.1	8.7
385	2010/06/22 01:19:20	0.750	61.1	8.6
386	2010/06/22 01:19:23	0.750	66.6	9.5
387	2010/06/22 01:19:39	1.000	60.6	7.0
388	2010/06/22 01:19:47	0.875	69.3	10.7
389	2010/06/22 01:19:49	1.000	66.0	8.1
390	2010/06/22 01:19:50	1.000	65.4	8.1
391	2010/06/22 01:19:54	0.750	64.4	6.8
392	2010/06/22 01:19:56	0.750	59.9	7.9
393	2010/06/22 01:19:57	0.750	63.8	10.4
394	2010/06/22 01:20:03	0.875	58.0	9.3
395	2010/06/22 01:20:20	0.625	61.1	11.2
396	2010/06/22 01:20:35	1.000	60.0	8.3
397	2010/06/22 01:21:03	0.750	61.0	9.3
398	2010/06/22 01:21:15	1.000	60.0	9.0
399	2010/06/22 01:21:21	0.750	60.3	9.5
400	2010/06/22 01:21:50	0.875	63.1	12.4
401	2010/06/22 01:22:01	0.875	64.7	11.2
402	2010/06/22 01:22:08	0.875	69.0	11.6
403	2010/06/22 01:22:09	0.625	70.6	11.1
404	2010/06/22 01:22:12	0.875	56.7	11.9
405	2010/06/22 01:22:21	1.000	56.9	7.4
406	2010/06/22 01:24:39	1.000	58.1	6.8
407	2010/06/22 01:24:52	0.875	61.4	8.9
408	2010/06/22 01:24:59	0.875	68.3	9.4
409	2010/06/22 01:25:18	0.875	62.8	9.4
410	2010/06/22 01:25:20	0.625	63.8	11.8
411	2010/06/22 01:25:56	1.000	58.7	6.9
412	2010/06/22 01:26:26	1.000	63.3	8.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

413	2010/06/22 01:26:34	0.875	59.1	8.0
414	2010/06/22 01:26:39	0.625	58.7	11.8
415	2010/06/22 01:26:49	0.750	62.5	9.4
416	2010/06/22 01:26:52	0.875	65.7	9.8
417	2010/06/22 01:26:53	0.875	69.0	9.2
418	2010/06/22 01:26:54	0.750	67.3	8.0
419	2010/06/22 01:26:58	0.625	61.0	10.9
420	2010/06/22 01:27:00	0.625	63.4	12.1
421	2010/06/22 01:27:09	0.750	66.6	10.5
422	2010/06/22 01:27:28	0.625	57.9	10.2
423	2010/06/22 01:27:34	0.750	55.7	9.2
424	2010/06/22 01:27:43	0.875	52.9	11.2
425	2010/06/22 01:28:29	0.625	72.5	13.2
426	2010/06/22 01:28:30	0.625	65.7	12.9
427	2010/06/22 01:28:46	0.625	68.5	10.2
428	2010/06/22 01:28:47	0.875	61.3	10.6
429	2010/06/22 01:29:05	0.625	66.3	11.1
430	2010/06/22 01:29:42	1.000	70.0	10.4
431	2010/06/22 01:29:52	0.750	75.9	10.0
432	2010/06/22 01:30:06	0.875	58.4	8.8
433	2010/06/22 01:30:09	1.000	65.0	9.9
434	2010/06/22 01:30:11	0.625	67.2	12.2
435	2010/06/22 01:30:26	0.875	61.4	11.8
436	2010/06/22 01:30:47	0.625	63.9	9.7
437	2010/06/22 01:30:51	0.625	66.3	12.0
438	2010/06/22 01:31:06	0.875	67.8	12.0
439	2010/06/22 01:31:12	0.875	58.5	6.5
440	2010/06/22 01:31:26	0.750	63.0	11.6
441	2010/06/22 01:32:05	0.875	58.7	7.4
442	2010/06/22 01:32:25	0.875	72.3	10.1
443	2010/06/22 01:32:49	0.625	61.8	10.0
444	2010/06/22 01:32:51	0.875	64.9	8.7



445	2010/06/22 01:33:29	0.875	73.0	7.4
446	2010/06/22 01:33:32	0.875	76.7	9.5
447	2010/06/22 01:33:44	0.875	66.1	8.3
448	2010/06/22 01:33:45	0.500	67.9	10.4
449	2010/06/22 01:33:48	0.750	63.9	7.1
450	2010/06/22 01:33:49	1.000	64.9	10.2
451	2010/06/22 01:33:50	1.000	65.9	8.6
452	2010/06/22 01:33:53	0.625	65.2	11.0
453	2010/06/22 01:33:55	0.750	68.5	9.6
454	2010/06/22 01:33:58	0.750	75.9	11.5
455	2010/06/22 01:34:00	0.750	71.7	9.8
456	2010/06/22 01:34:11	0.750	73.4	9.5
457	2010/06/22 01:34:21	0.625	65.8	10.1
458	2010/06/22 01:34:24	0.625	77.3	10.7
459	2010/06/22 01:34:34	0.625	72.8	10.9
460	2010/06/22 01:34:43	0.625	72.3	9.3
461	2010/06/22 01:35:22	0.875	62.0	8.7
462	2010/06/22 01:35:33	0.875	69.1	9.4
463	2010/06/22 01:35:48	0.875	74.6	10.2
464	2010/06/22 01:35:59	0.875	61.8	8.8
465	2010/06/22 01:36:00	1.000	65.4	11.7
466	2010/06/22 01:36:01	0.750	66.7	8.9
467	2010/06/22 01:36:55	0.625	66.9	9.6
468	2010/06/22 01:37:07	0.875	71.8	7.5
469	2010/06/22 01:37:14	0.875	63.0	8.4
470	2010/06/22 01:37:25	0.750	70.7	10.5
471	2010/06/22 01:37:47	0.875	71.4	8.4
472	2010/06/22 01:37:50	1.000	74.9	8.5
473	2010/06/22 01:37:56	0.625	70.2	9.6
474	2010/06/22 01:38:04	1.000	72.9	11.7
475	2010/06/22 01:38:20	0.750	74.8	11.0
476	2010/06/22 01:38:23	0.625	66.0	9.4

477	2010/06/22 01:38:34	1.000	79.3	7.8
478	2010/06/22 01:38:36	0.875	80.6	9.9
479	2010/06/22 01:38:38	0.875	77.2	8.1
480	2010/06/22 01:38:40	0.750	75.6	7.4
481	2010/06/22 01:38:41	0.750	66.9	8.3
482	2010/06/22 01:38:43	0.625	70.2	9.0
483	2010/06/22 01:38:48	0.875	71.8	10.2
484	2010/06/22 01:38:55	0.750	67.5	8.9
485	2010/06/22 01:38:56	0.625	79.1	9.2
486	2010/06/22 01:39:06	0.625	73.8	10.4
487	2010/06/22 01:39:12	0.875	69.3	9.9
488	2010/06/22 01:39:14	0.750	70.6	10.4
489	2010/06/22 01:39:36	1.000	68.8	8.0
490	2010/06/22 01:39:48	0.750	77.2	8.8
491	2010/06/22 01:39:54	0.625	73.5	8.5
492	2010/06/22 01:39:57	0.875	75.5	10.5
493	2010/06/22 01:40:08	0.625	63.3	9.7
494	2010/06/22 01:40:11	0.625	66.6	10.1
495	2010/06/22 01:40:15	0.750	78.1	9.7
496	2010/06/22 01:40:17	0.500	64.0	11.0
497	2010/06/22 01:40:31	0.875	60.6	7.3
498	2010/06/22 01:40:34	0.875	65.7	6.9
499	2010/06/22 01:40:45	0.625	64.1	8.6
500	2010/06/22 01:40:56	0.625	74.0	12.0
501	2010/06/22 01:41:21	0.750	67.2	11.4
502	2010/06/22 01:41:34	1.000	75.8	9.5
503	2010/06/22 01:41:42	0.875	77.6	11.4
504	2010/06/22 01:41:49	1.000	61.0	8.6
505	2010/06/22 01:41:50	0.750	65.0	10.6
506	2010/06/22 01:41:52	0.625	70.8	11.2
507	2010/06/22 01:41:58	0.875	56.7	9.4
508	2010/06/22 01:42:06	0.625	69.1	11.5

509	2010/06/22 01:42:13	0.750	71.0	11.2
510	2010/06/22 01:42:53	1.000	66.8	7.7
511	2010/06/22 01:42:54	0.875	69.4	11.1
512	2010/06/22 01:42:57	0.875	82.4	10.6
513	2010/06/22 01:43:00	1.000	63.5	10.8
514	2010/06/22 01:43:19	1.000	74.8	10.2
515	2010/06/22 01:43:23	0.875	69.6	10.3
516	2010/06/22 01:43:25	0.625	66.6	10.3
517	2010/06/22 01:43:28	0.625	75.6	10.6
518	2010/06/22 01:43:34	0.750	61.7	7.8
519	2010/06/22 01:43:51	0.875	79.2	9.6
520	2010/06/22 01:43:57	1.000	61.1	10.7
521	2010/06/22 01:43:59	0.875	64.3	9.0
522	2010/06/22 01:44:01	1.000	69.5	11.0
523	2010/06/22 01:44:04	0.750	69.2	9.0
524	2010/06/22 01:44:05	0.625	71.7	9.4
525	2010/06/22 01:44:07	0.625	73.7	10.3
526	2010/06/22 01:44:41	0.875	64.7	7.3
527	2010/06/22 01:45:23	1.000	74.7	9.1
528	2010/06/22 01:45:32	0.750	79.4	10.2
529	2010/06/22 01:45:56	0.875	68.1	9.0
530	2010/06/22 01:46:03	0.625	69.8	9.5
531	2010/06/22 01:46:10	0.750	72.5	9.1
532	2010/06/22 01:46:24	0.500	67.9	12.4
533	2010/06/22 01:46:58	0.625	69.0	9.7
534	2010/06/22 01:48:15	1.000	67.0	9.5
535	2010/06/22 01:48:16	0.875	72.4	9.5
536	2010/06/22 01:48:18	0.750	68.5	8.4
537	2010/06/22 01:48:35	1.000	70.0	9.9
538	2010/06/22 01:48:41	0.750	61.8	6.5
539	2010/06/22 01:49:01	1.000	70.0	10.5
540	2010/06/22 01:49:11	0.750	63.3	7.9

541	2010/06/22 01:49:13	1.000	74.0	11.6
542	2010/06/22 01:49:20	0.875	67.1	11.3
543	2010/06/22 01:49:35	0.875	63.6	6.9
544	2010/06/22 01:49:39	1.000	67.1	10.6
545	2010/06/22 01:50:20	0.750	72.8	9.8
546	2010/06/22 01:50:37	0.875	60.9	7.8
547	2010/06/22 01:50:51	0.625	67.9	9.6
548	2010/06/22 01:51:29	1.000	77.5	9.9
549	2010/06/22 01:51:31	0.625	74.1	10.8
550	2010/06/22 01:51:33	0.750	71.4	9.1
551	2010/06/22 01:51:37	0.750	64.5	9.0
552	2010/06/22 01:51:41	0.625	74.2	11.0
553	2010/06/22 01:51:51	1.000	76.4	8.9
554	2010/06/22 01:51:52	0.750	76.8	8.1
555	2010/06/22 01:51:55	1.000	65.9	9.3
556	2010/06/22 01:51:57	0.625	67.7	8.0
557	2010/06/22 01:52:01	0.750	68.2	9.3
558	2010/06/22 01:52:05	0.875	63.0	6.5
559	2010/06/22 01:52:08	0.625	55.0	8.8
560	2010/06/22 01:52:13	1.000	57.0	8.1
561	2010/06/22 01:52:14	1.000	59.0	10.3
562	2010/06/22 01:52:16	1.000	55.1	8.6
563	2010/06/22 01:52:25	0.875	50.9	9.5
564	2010/06/22 01:52:41	0.875	58.8	9.6
565	2010/06/22 01:53:04	0.625	72.3	11.6
566	2010/06/22 01:53:07	0.500	67.5	10.9
567	2010/06/22 01:53:08	0.750	61.6	9.9
568	2010/06/22 01:53:09	0.625	61.2	10.1
569	2010/06/22 01:53:10	0.750	70.2	9.2
570	2010/06/22 01:53:26	1.000	62.2	7.8
571	2010/06/22 01:53:32	0.750	67.7	9.0
572	2010/06/22 01:53:44	0.875	56.8	8.6

573	2010/06/22 01:53:46	0.625	63.7	9.8
574	2010/06/22 01:54:07	0.625	68.2	11.1
575	2010/06/22 01:54:12	0.875	66.2	7.9
576	2010/06/22 01:54:18	0.625	71.8	10.3
577	2010/06/22 01:54:25	0.875	70.9	9.1
578	2010/06/22 01:54:30	0.625	66.7	12.9
579	2010/06/22 01:54:48	0.625	60.8	11.2
580	2010/06/22 01:54:50	1.000	67.2	10.1
581	2010/06/22 01:55:16	0.625	68.3	9.2
582	2010/06/22 01:55:22	0.875	69.8	7.7
583	2010/06/22 01:55:30	0.500	65.0	10.7
584	2010/06/22 01:55:33	1.000	58.9	9.6
585	2010/06/22 01:55:41	0.750	58.5	7.5
586	2010/06/22 01:55:45	0.875	54.9	9.4
587	2010/06/22 01:55:49	0.875	60.4	9.4
588	2010/06/22 01:55:56	1.000	60.4	6.8
589	2010/06/22 01:56:15	0.750	75.7	12.0
590	2010/06/22 01:56:17	0.875	68.0	10.2
591	2010/06/22 01:56:21	0.750	67.4	9.3
592	2010/06/22 01:56:27	0.625	78.9	11.9
593	2010/06/22 01:56:31	1.000	74.4	8.0
594	2010/06/22 01:56:41	0.750	79.0	9.2
595	2010/06/22 01:56:47	0.750	79.4	9.3
596	2010/06/22 01:56:55	0.750	81.7	9.8
597	2010/06/22 01:57:01	0.625	78.5	8.9
598	2010/06/22 01:57:03	0.625	73.1	8.7
599	2010/06/22 01:57:06	0.750	69.9	10.6
600	2010/06/22 01:57:10	0.875	70.5	7.4
601	2010/06/22 01:57:15	0.875	62.4	8.5
602	2010/06/22 01:57:17	0.625	63.1	10.7
603	2010/06/22 01:57:21	0.750	62.6	9.8
604	2010/06/22 01:57:32	1.000	65.5	9.2

605	2010/06/22 01:57:34	0.625	71.4	10.2
606	2010/06/22 01:57:39	0.875	74.6	9.2
607	2010/06/22 01:57:45	0.875	70.2	9.3
608	2010/06/22 01:57:46	0.625	78.9	10.8
609	2010/06/22 01:57:47	0.750	62.9	11.9
610	2010/06/22 01:57:49	0.875	70.8	10.1
611	2010/06/22 01:57:50	1.000	69.3	8.3
612	2010/06/22 01:57:51	1.000	68.4	8.2
613	2010/06/22 01:57:52	0.875	69.6	10.5
614	2010/06/22 01:58:00	0.625	55.9	12.1
615	2010/06/22 01:58:12	0.750	66.7	10.3
616	2010/06/22 01:58:24	1.000	70.4	10.8
617	2010/06/22 01:58:30	1.000	66.6	9.3
618	2010/06/22 01:58:33	0.625	75.5	10.1
619	2010/06/22 01:58:38	0.750	78.4	10.2
620	2010/06/22 01:58:41	0.875	72.8	8.8
621	2010/06/22 01:58:44	0.875	73.5	10.1
622	2010/06/22 01:58:55	1.000	67.2	9.1
623	2010/06/22 01:59:02	0.625	79.3	10.7
624	2010/06/22 01:59:06	0.750	69.1	8.9
625	2010/06/22 01:59:16	1.000	73.7	8.9
626	2010/06/22 01:59:35	0.625	70.3	9.3
627	2010/06/22 01:59:40	0.625	72.8	10.3
628	2010/06/22 01:59:42	0.875	59.8	10.6
629	2010/06/22 02:00:01	0.625	64.0	8.8
630	2010/06/22 02:00:11	0.625	69.8	9.0
631	2010/06/22 02:00:37	0.625	76.9	11.5
632	2010/06/22 02:00:40	0.625	68.1	10.5
633	2010/06/22 02:00:50	0.750	60.2	7.5
634	2010/06/22 02:00:52	0.875	61.7	9.0
635	2010/06/22 02:00:53	0.750	68.3	9.6
636	2010/06/22 02:01:16	0.750	63.2	7.6

637	2010/06/22 02:01:25	0.625	64.9	11.7
638	2010/06/22 02:01:27	0.750	72.0	9.8
639	2010/06/22 02:01:31	0.625	74.5	8.0
640	2010/06/22 02:01:43	0.875	77.9	8.8
641	2010/06/22 02:01:45	0.750	68.2	9.7
642	2010/06/22 02:01:48	0.625	72.9	10.4
643	2010/06/22 02:01:54	0.750	72.8	9.5
644	2010/06/22 02:02:00	1.000	58.1	6.1
645	2010/06/22 02:02:26	0.875	62.4	8.4
646	2010/06/22 02:02:29	1.000	72.7	9.4
647	2010/06/22 02:02:32	0.625	65.0	9.4
648	2010/06/22 02:02:41	0.875	53.8	6.7
649	2010/06/22 02:02:44	1.000	73.7	9.2
650	2010/06/22 02:03:01	0.750	60.2	8.5
651	2010/06/22 02:03:05	0.500	62.5	10.9
652	2010/06/22 02:03:14	0.750	63.7	9.3
653	2010/06/22 02:04:16	0.625	71.3	8.5
654	2010/06/22 02:04:20	0.875	61.7	6.2
655	2010/06/22 02:04:48	0.875	63.4	7.0
656	2010/06/22 02:04:50	1.000	60.4	6.6
657	2010/06/22 02:04:57	0.875	61.9	6.7
658	2010/06/22 02:04:58	0.750	70.2	10.3
659	2010/06/22 02:05:04	0.750	63.2	8.4
660	2010/06/22 02:05:20	1.000	69.3	8.3
661	2010/06/22 02:05:36	0.625	72.8	6.8
662	2010/06/22 02:05:37	0.625	67.4	8.0
663	2010/06/22 02:05:41	1.000	70.9	7.7
664	2010/06/22 02:05:52	0.750	57.8	6.8
665	2010/06/22 02:06:00	1.000	63.0	9.9
666	2010/06/22 02:06:02	0.875	59.1	8.7
667	2010/06/22 02:06:08	1.000	60.9	7.7
668	2010/06/22 02:06:38	0.750	61.5	9.0

669	2010/06/22 02:06:55	0.625	78.5	10.3
670	2010/06/22 02:06:56	1.000	74.5	8.8
671	2010/06/22 02:06:57	0.750	71.9	6.4
672	2010/06/22 02:07:02	0.875	69.3	7.8
673	2010/06/22 02:07:09	0.875	66.8	8.3
674	2010/06/22 02:07:12	0.625	68.9	12.2
675	2010/06/22 02:07:33	0.875	65.0	10.3
676	2010/06/22 02:07:58	0.875	72.3	9.8
677	2010/06/22 02:08:08	1.000	77.8	6.8
678	2010/06/22 02:08:13	0.625	73.1	10.7
679	2010/06/22 02:08:15	1.000	79.2	9.6
680	2010/06/22 02:08:25	0.875	71.4	7.9
681	2010/06/22 02:08:29	0.750	72.6	9.2
682	2010/06/22 02:08:56	1.000	61.9	7.2
683	2010/06/22 02:09:08	1.000	75.7	9.4
684	2010/06/22 02:09:09	1.000	74.9	8.3
685	2010/06/22 02:09:21	0.875	71.6	8.3
686	2010/06/22 02:10:00	1.000	62.2	7.7
687	2010/06/22 02:10:08	0.750	69.0	10.4
688	2010/06/22 02:10:20	0.625	67.6	12.3
689	2010/06/22 02:11:01	1.000	78.4	9.5
690	2010/06/22 02:11:10	0.625	81.9	11.4
691	2010/06/22 02:11:14	1.000	72.4	6.1
692	2010/06/22 02:11:17	0.750	75.8	9.9
693	2010/06/22 02:12:00	0.625	66.8	7.2
694	2010/06/22 02:12:21	1.000	63.8	6.7
695	2010/06/22 02:12:27	0.625	57.0	10.3
696	2010/06/22 02:12:41	0.625	70.0	11.3
697	2010/06/22 02:12:43	1.000	66.1	8.0
698	2010/06/22 02:13:07	1.000	67.1	8.5
699	2010/06/22 02:13:16	0.750	68.4	10.9
700	2010/06/22 02:13:29	0.625	59.7	11.8



701	2010/06/22 02:13:31	0.750	70.9	10.5
702	2010/06/22 02:13:50	1.000	67.1	8.7
703	2010/06/22 02:14:01	0.875	62.8	7.5
704	2010/06/22 02:14:05	0.625	78.7	7.4
705	2010/06/22 02:14:09	0.750	75.2	9.2
706	2010/06/22 02:14:12	0.875	68.3	8.0
707	2010/06/22 02:14:17	0.750	75.2	9.5
708	2010/06/22 02:14:33	1.000	63.1	10.4
709	2010/06/22 02:14:54	0.875	69.0	6.9
710	2010/06/22 02:14:56	0.750	70.7	8.9
711	2010/06/22 02:15:04	0.625	70.9	9.8
712	2010/06/22 02:15:09	0.625	72.9	7.9
713	2010/06/22 02:15:26	0.625	73.6	10.8
714	2010/06/22 02:15:45	0.875	67.7	8.2
715	2010/06/22 02:15:54	1.000	72.2	8.7
716	2010/06/22 02:16:55	1.000	59.9	7.5
717	2010/06/22 02:17:02	0.750	59.4	8.9
718	2010/06/22 02:17:03	0.875	59.8	9.0
719	2010/06/22 02:17:09	0.875	78.7	9.4
720	2010/06/22 02:17:23	0.625	71.6	11.8
721	2010/06/22 02:17:28	0.875	71.8	9.2
722	2010/06/22 02:17:36	0.625	68.5	9.6
723	2010/06/22 02:17:59	0.875	65.3	10.4
724	2010/06/22 02:18:14	0.625	77.0	9.3
725	2010/06/22 02:18:28	0.750	60.8	10.0
726	2010/06/22 02:18:49	0.750	76.5	8.9
727	2010/06/22 02:18:51	1.000	73.1	8.6
728	2010/06/22 02:18:54	0.500	71.4	10.1
729	2010/06/22 02:18:57	0.625	73.1	9.2
730	2010/06/22 02:19:16	0.625	75.8	10.8
731	2010/06/22 02:19:32	0.750	63.7	8.1
732	2010/06/22 02:19:43	0.625	74.3	10.0

733	2010/06/22 02:20:26	0.625	79.4	10.8
734	2010/06/22 02:20:29	0.750	72.9	8.9
735	2010/06/22 02:20:31	0.875	67.1	11.6
736	2010/06/22 02:20:39	0.875	71.0	10.2
737	2010/06/22 02:20:48	0.875	72.3	9.1
738	2010/06/22 02:20:59	0.750	72.3	9.3
739	2010/06/22 02:21:03	1.000	78.7	9.2
740	2010/06/22 02:21:09	0.875	72.9	6.9
741	2010/06/22 02:21:10	0.625	74.0	9.7
742	2010/06/22 02:21:30	0.875	76.9	8.6
743	2010/06/22 02:21:33	0.625	73.3	8.7
744	2010/06/22 02:21:35	0.750	67.1	8.5
745	2010/06/22 02:21:42	0.625	77.7	10.6
746	2010/06/22 02:21:44	0.750	67.5	11.7
747	2010/06/22 02:21:57	1.000	74.7	9.7
748	2010/06/22 02:22:01	0.875	63.1	8.6
749	2010/06/22 02:22:02	1.000	69.1	9.3
750	2010/06/22 02:22:04	0.625	67.6	8.8
751	2010/06/22 02:22:06	0.625	71.6	9.1
752	2010/06/22 02:22:09	0.625	65.0	9.7
753	2010/06/22 02:22:11	0.875	61.7	10.3
754	2010/06/22 02:22:28	0.875	68.6	9.8
755	2010/06/22 02:22:33	0.625	76.2	9.0
756	2010/06/22 02:22:40	0.875	56.8	8.3
757	2010/06/22 02:22:45	1.000	61.7	10.4
758	2010/06/22 02:23:14	1.000	67.0	7.1
759	2010/06/22 02:23:37	0.875	73.0	7.6
760	2010/06/22 02:23:39	0.625	73.6	11.0
761	2010/06/22 02:23:58	0.750	69.7	6.2
762	2010/06/22 02:24:08	0.750	71.8	11.0
763	2010/06/22 02:24:10	0.750	61.9	10.8
764	2010/06/22 02:24:13	1.000	66.1	8.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

765	2010/06/22 02:24:14	0.875	61.7	8.6
766	2010/06/22 02:24:17	0.875	61.9	12.2
767	2010/06/22 02:24:27	0.750	64.6	7.6
768	2010/06/22 02:24:30	0.625	63.1	10.7
769	2010/06/22 02:24:33	0.750	57.7	10.6
770	2010/06/22 02:24:48	0.625	76.8	7.8
771	2010/06/22 02:25:07	1.000	84.4	9.8
772	2010/06/22 02:25:19	0.750	77.4	8.1
773	2010/06/22 02:25:23	0.875	72.2	6.6
774	2010/06/22 02:25:31	0.750	74.3	10.1
775	2010/06/22 02:25:49	0.625	64.8	10.1
776	2010/06/22 02:25:55	1.000	71.9	8.1
777	2010/06/22 02:26:04	1.000	70.6	10.1
778	2010/06/22 02:26:14	0.875	65.3	8.5
779	2010/06/22 02:26:15	0.750	65.7	9.8
780	2010/06/22 02:26:23	1.000	65.2	8.8
781	2010/06/22 02:26:29	0.750	73.8	11.5
782	2010/06/22 02:26:30	0.750	62.1	12.6
783	2010/06/22 02:26:43	0.625	81.3	10.5
784	2010/06/22 02:26:51	0.625	70.5	11.1
785	2010/06/22 02:26:55	0.875	80.9	8.2
786	2010/06/22 02:27:03	0.875	74.6	7.6
787	2010/06/22 02:27:06	1.000	66.1	6.8
788	2010/06/22 02:27:20	0.750	72.9	8.5
789	2010/06/22 02:27:29	1.000	75.0	8.4
790	2010/06/22 02:27:34	0.750	77.4	9.7
791	2010/06/22 02:27:45	0.750	71.0	9.1
792	2010/06/22 02:27:57	0.625	81.4	10.2
793	2010/06/22 02:28:12	0.875	69.8	8.7
794	2010/06/22 02:28:56	0.750	71.6	10.7
795	2010/06/22 02:28:57	0.750	70.8	8.4
796	2010/06/22 02:29:13	1.000	75.4	9.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

797	2010/06/22 02:29:34	0.625	72.3	11.2
798	2010/06/22 02:29:35	0.625	80.2	11.1
799	2010/06/22 02:29:55	0.625	79.3	10.9
800	2010/06/22 02:30:02	0.750	73.6	10.1
801	2010/06/22 02:30:13	0.625	74.1	11.8
802	2010/06/22 02:30:17	1.000	73.9	10.3
803	2010/06/22 02:30:22	1.000	61.3	7.7
804	2010/06/22 02:30:24	0.875	65.7	7.9
805	2010/06/22 02:30:25	0.625	68.3	11.1
806	2010/06/22 02:30:28	0.750	62.9	10.3
807	2010/06/22 02:30:29	0.625	64.5	9.3
808	2010/06/22 02:30:34	1.000	64.5	9.5
809	2010/06/22 02:31:00	0.875	67.9	11.4
810	2010/06/22 02:31:03	0.625	79.8	11.1
811	2010/06/22 02:31:05	0.500	65.5	11.9
812	2010/06/22 02:31:06	0.875	69.5	10.3
813	2010/06/22 02:31:08	0.625	75.5	9.5
814	2010/06/22 02:31:10	0.625	70.6	10.1
815	2010/06/22 02:31:39	1.000	72.9	8.8
816	2010/06/22 02:31:49	0.750	73.6	10.0
817	2010/06/22 02:31:50	0.875	75.1	8.7
818	2010/06/22 02:31:52	0.625	79.9	11.2
819	2010/06/22 02:31:53	0.875	76.9	8.8
820	2010/06/22 02:31:54	0.625	71.4	8.4
821	2010/06/22 02:31:55	0.875	77.7	10.0
822	2010/06/22 02:32:08	0.750	78.8	9.1
823	2010/06/22 02:32:09	0.875	79.3	8.7
824	2010/06/22 02:32:13	0.875	74.1	8.6
825	2010/06/22 02:32:15	0.625	82.8	9.5
826	2010/06/22 02:32:38	0.750	77.3	11.6
827	2010/06/22 02:32:39	0.875	78.9	8.4
828	2010/06/22 02:32:41	0.625	69.5	8.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

829	2010/06/22 02:32:42	0.750	78.0	10.4
830	2010/06/22 02:32:43	0.875	69.5	10.6
831	2010/06/22 02:32:48	0.750	73.3	11.5
832	2010/06/22 02:32:52	0.625	77.5	9.0
833	2010/06/22 02:32:53	0.750	74.2	9.3
834	2010/06/22 02:32:54	0.750	68.1	9.4
835	2010/06/22 02:33:11	0.625	72.1	10.9
836	2010/06/22 02:33:35	0.750	77.0	10.4
837	2010/06/22 02:33:38	0.875	73.5	8.8
838	2010/06/22 02:33:51	0.875	70.5	9.9
839	2010/06/22 02:33:54	0.750	67.8	8.7
840	2010/06/22 02:33:55	0.750	75.3	9.0
841	2010/06/22 02:34:00	0.875	69.7	9.6
842	2010/06/22 02:34:04	0.875	61.7	10.4
843	2010/06/22 02:34:05	0.875	69.1	11.3
844	2010/06/22 02:34:07	0.625	73.3	11.1
845	2010/06/22 02:34:08	1.000	72.7	9.4
846	2010/06/22 02:34:22	0.875	73.5	10.8
847	2010/06/22 02:34:26	1.000	71.0	8.4
848	2010/06/22 02:34:27	1.000	75.5	10.7
849	2010/06/22 02:34:28	0.625	74.4	9.0
850	2010/06/22 02:34:30	0.625	76.7	10.4
851	2010/06/22 02:34:32	1.000	78.0	7.8
852	2010/06/22 02:34:47	0.750	73.4	9.3
853	2010/06/22 02:34:48	0.625	74.8	10.2
854	2010/06/22 02:34:57	1.000	78.2	6.9
855	2010/06/22 02:34:59	0.750	69.6	7.3
856	2010/06/22 02:35:05	0.625	61.6	10.2
857	2010/06/22 02:35:06	0.500	67.5	12.6
858	2010/06/22 02:35:06	1.000	70.6	8.4
859	2010/06/22 02:35:09	0.750	72.5	9.6
860	2010/06/22 02:35:13	0.750	66.6	11.6

861	2010/06/22 02:35:14	0.750	75.5	9.7
862	2010/06/22 02:35:19	0.750	63.2	7.9
863	2010/06/22 02:35:22	1.000	60.3	8.4
864	2010/06/22 02:35:40	0.625	62.7	7.8
865	2010/06/22 02:35:43	0.750	61.0	8.8
866	2010/06/22 02:35:50	1.000	60.4	8.6
867	2010/06/22 02:36:07	0.750	66.5	10.5
868	2010/06/22 02:36:08	0.750	61.1	9.0
869	2010/06/22 02:36:19	1.000	72.5	8.7
870	2010/06/22 02:36:23	1.000	77.2	9.3
871	2010/06/22 02:36:28	0.750	65.1	8.4
872	2010/06/22 02:36:30	1.000	72.6	10.7
873	2010/06/22 02:36:32	1.000	65.2	9.9
874	2010/06/22 02:36:50	1.000	75.1	9.3
875	2010/06/22 02:36:54	0.750	79.5	10.3
876	2010/06/22 02:36:56	0.625	76.9	8.9
877	2010/06/22 02:37:00	1.000	70.0	10.7
878	2010/06/22 02:37:13	0.875	62.9	10.0
879	2010/06/22 02:37:22	0.875	75.4	11.3
880	2010/06/22 02:37:38	0.875	65.7	6.2
881	2010/06/22 02:37:41	0.875	77.6	9.7
882	2010/06/22 02:37:44	1.000	75.6	9.4
883	2010/06/22 02:37:53	0.750	75.8	10.9
884	2010/06/22 02:38:04	1.000	77.5	8.0
885	2010/06/22 02:38:12	0.750	77.2	8.6
886	2010/06/22 02:38:14	1.000	71.8	7.0
887	2010/06/22 02:38:19	1.000	76.8	8.4
888	2010/06/22 02:38:25	0.625	81.0	11.2
889	2010/06/22 02:38:26	0.750	70.8	12.0
890	2010/06/22 02:38:30	0.625	75.2	11.3
891	2010/06/22 02:38:32	0.625	76.4	11.3
892	2010/06/22 02:38:36	0.625	72.4	10.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

893	2010/06/22 02:38:44	0.750	86.2	10.8
894	2010/06/22 02:39:02	0.750	60.0	7.7
895	2010/06/22 02:39:15	0.625	67.2	11.0
896	2010/06/22 02:39:21	0.750	71.6	10.0
897	2010/06/22 02:39:24	1.000	78.2	11.1
898	2010/06/22 02:39:42	0.875	74.1	7.2
899	2010/06/22 02:39:47	0.625	80.6	10.7
900	2010/06/22 02:39:50	0.625	79.3	10.7
901	2010/06/22 02:39:53	1.000	83.7	10.9
902	2010/06/22 02:39:57	0.875	76.8	6.8
903	2010/06/22 02:40:08	1.000	82.2	9.6
904	2010/06/22 02:40:25	0.750	71.7	9.0
905	2010/06/22 02:40:47	0.625	72.1	11.7
906	2010/06/22 02:40:47	0.750	73.2	9.9
907	2010/06/22 02:40:55	0.750	73.7	9.1
908	2010/06/22 02:40:56	0.625	71.4	8.5
909	2010/06/22 02:41:17	0.750	79.6	9.6
910	2010/06/22 02:41:27	0.625	62.3	11.5
911	2010/06/22 02:41:31	0.875	79.0	7.7
912	2010/06/22 02:41:38	0.625	80.8	10.4
913	2010/06/22 02:42:09	0.750	77.3	10.2
914	2010/06/22 02:42:30	0.875	73.5	8.8
915	2010/06/22 02:42:34	1.000	79.5	9.2
916	2010/06/22 02:42:50	0.625	72.8	9.8
917	2010/06/22 02:43:13	0.625	81.3	10.1
918	2010/06/22 02:43:39	0.625	79.5	11.8
919	2010/06/22 02:43:40	0.625	72.1	11.4
920	2010/06/22 02:43:49	1.000	70.8	10.8
921	2010/06/22 02:43:51	0.875	67.9	9.5
922	2010/06/22 02:43:59	0.750	68.1	9.3
923	2010/06/22 02:44:26	1.000	72.6	8.2
924	2010/06/22 02:44:41	1.000	64.8	8.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

925	2010/06/22 02:44:44	1.000	71.6	10.1
926	2010/06/22 02:45:28	1.000	71.0	11.3
927	2010/06/22 02:45:31	0.625	63.9	8.0
928	2010/06/22 02:45:35	0.750	73.0	9.0
929	2010/06/22 02:45:59	0.625	77.9	11.8
930	2010/06/22 02:46:08	0.875	68.1	9.3
931	2010/06/22 02:46:15	0.750	75.0	9.2
932	2010/06/22 02:46:16	1.000	81.4	11.3
933	2010/06/22 02:46:28	0.625	77.6	8.5
934	2010/06/22 02:46:33	0.750	74.5	7.9
935	2010/06/22 02:46:41	0.875	77.9	11.3
936	2010/06/22 02:46:51	0.500	64.8	9.3
937	2010/06/22 02:46:54	0.875	60.9	10.4
938	2010/06/22 02:47:14	1.000	70.5	10.1
939	2010/06/22 02:47:17	0.625	63.7	7.3
940	2010/06/22 02:47:19	0.500	63.2	11.3
941	2010/06/22 02:47:22	0.875	65.1	11.5
942	2010/06/22 02:47:30	1.000	64.3	10.2
943	2010/06/22 02:47:32	1.000	60.5	8.5
944	2010/06/22 02:47:40	1.000	65.1	11.2
945	2010/06/22 02:47:42	0.625	59.8	8.5
946	2010/06/22 02:47:50	0.750	74.1	10.0
947	2010/06/22 02:47:53	0.625	74.3	8.3
948	2010/06/22 02:47:53	0.625	74.1	7.7
949	2010/06/22 02:47:59	1.000	67.4	8.4
950	2010/06/22 02:48:05	0.625	74.1	10.5
951	2010/06/22 02:48:06	0.750	64.4	10.6
952	2010/06/22 02:48:12	1.000	71.8	9.8
953	2010/06/22 02:48:16	0.750	77.4	10.5
954	2010/06/22 02:48:28	0.750	73.3	9.0
955	2010/06/22 02:48:30	1.000	88.2	8.0
956	2010/06/22 02:49:01	0.750	77.4	9.3



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

957	2010/06/22 02:49:04	0.875	66.2	11.0
958	2010/06/22 02:49:15	0.750	72.7	11.0
959	2010/06/22 02:49:17	1.000	69.2	10.5
960	2010/06/22 02:49:21	0.750	69.0	9.3
961	2010/06/22 02:49:28	0.875	73.4	10.2
962	2010/06/22 02:49:30	0.875	73.5	9.3
963	2010/06/22 02:49:42	0.875	78.1	9.2
964	2010/06/22 02:49:44	0.875	74.0	7.8
965	2010/06/22 02:49:48	0.750	70.3	9.0
966	2010/06/22 02:49:58	0.875	76.8	11.6
967	2010/06/22 02:50:00	0.625	76.4	9.8
968	2010/06/22 02:50:10	0.875	82.7	10.4
969	2010/06/22 02:50:33	0.875	76.2	9.2
970	2010/06/22 02:50:52	1.000	75.7	7.5
971	2010/06/22 02:50:53	1.000	78.0	9.0
972	2010/06/22 02:51:01	1.000	68.9	6.3
973	2010/06/22 02:51:07	0.625	77.6	12.5
974	2010/06/22 02:51:16	0.750	66.7	10.3
975	2010/06/22 02:51:18	0.750	65.7	11.7
976	2010/06/22 02:51:28	1.000	62.0	8.8
977	2010/06/22 02:51:29	1.000	70.0	8.6
978	2010/06/22 02:51:30	0.750	70.1	9.2
979	2010/06/22 02:51:32	0.750	73.8	10.7
980	2010/06/22 02:51:45	0.750	76.0	10.0
981	2010/06/22 02:52:15	0.875	69.4	8.2
982	2010/06/22 02:52:22	0.750	73.3	9.1
983	2010/06/22 02:52:24	0.750	63.9	9.7
984	2010/06/22 02:52:32	0.750	70.8	9.3
985	2010/06/22 02:52:40	1.000	66.0	6.5
986	2010/06/22 02:53:03	0.750	74.4	9.7
987	2010/06/22 02:53:06	0.625	78.3	10.2
988	2010/06/22 02:53:16	0.750	67.9	9.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

989	2010/06/22 02:53:18	0.875	65.1	8.4
990	2010/06/22 02:53:23	0.875	63.2	9.4
991	2010/06/22 02:53:27	0.750	67.7	11.5
992	2010/06/22 02:53:36	0.750	76.4	10.2
993	2010/06/22 02:53:44	1.000	79.1	9.0
994	2010/06/22 02:53:48	1.000	73.0	8.0
995	2010/06/22 02:54:04	1.000	66.9	8.1
996	2010/06/22 02:54:09	0.750	76.8	11.0
997	2010/06/22 02:54:11	0.750	69.0	9.8
998	2010/06/22 02:54:30	1.000	72.8	11.1
999	2010/06/22 02:54:58	0.750	69.6	8.7
1000	2010/06/22 02:55:12	0.625	72.9	12.0
1001	2010/06/22 02:55:13	0.625	77.5	11.1
1002	2010/06/22 02:55:44	0.875	74.0	6.2
1003	2010/06/22 02:55:45	1.000	82.2	8.0
1004	2010/06/22 02:56:05	0.875	84.1	8.8
1005	2010/06/22 02:56:44	0.875	79.7	9.6
1006	2010/06/22 02:57:11	0.875	81.4	10.7
1007	2010/06/22 02:57:12	0.750	80.5	10.1
1008	2010/06/22 02:57:40	1.000	68.4	8.7
1009	2010/06/22 02:57:46	1.000	78.1	8.9
1010	2010/06/22 02:58:04	1.000	81.7	9.6
1011	2010/06/22 02:58:05	0.875	79.2	7.3
1012	2010/06/22 02:58:17	0.625	77.4	7.2
1013	2010/06/22 02:58:17	0.875	76.5	7.7
1014	2010/06/22 02:58:26	0.625	72.2	9.8
1015	2010/06/22 02:58:31	0.875	81.5	9.8
1016	2010/06/22 02:58:47	1.000	80.5	9.0
1017	2010/06/22 02:59:01	0.625	72.5	11.0
1018	2010/06/22 02:59:04	0.875	61.2	10.7
1019	2010/06/22 02:59:23	1.000	74.1	8.6
1020	2010/06/22 02:59:27	1.000	67.8	6.8

1021	2010/06/22 02:59:29	1.000	66.9	6.5
1022	2010/06/22 02:59:38	0.875	63.1	12.1
1023	2010/06/22 02:59:44	0.875	66.4	8.0
1024	2010/06/22 03:00:03	1.000	74.4	10.5
1025	2010/06/22 03:00:04	1.000	72.6	8.5
1026	2010/06/22 03:00:07	1.000	79.2	9.2
1027	2010/06/22 03:00:17	0.875	73.4	11.6
1028	2010/06/22 03:00:20	0.875	72.8	9.7
1029	2010/06/22 03:00:41	0.750	67.6	10.6
1030	2010/06/22 03:00:43	0.875	68.5	9.7
1031	2010/06/22 03:00:50	0.750	71.2	6.5
1032	2010/06/22 03:01:03	0.625	60.1	10.7
1033	2010/06/22 03:01:04	0.875	63.6	10.2
1034	2010/06/22 03:01:15	0.625	71.0	10.6
1035	2010/06/22 03:01:28	0.875	68.1	8.7
1036	2010/06/22 03:01:34	1.000	77.4	9.4
1037	2010/06/22 03:01:37	1.000	75.7	9.7
1038	2010/06/22 03:01:40	1.000	68.7	8.8
1039	2010/06/22 03:01:44	0.625	62.2	8.9
1040	2010/06/22 03:01:45	1.000	66.6	8.0
1041	2010/06/22 03:02:08	0.625	67.4	7.4
1042	2010/06/22 03:02:20	1.000	76.0	9.5
1043	2010/06/22 03:02:23	0.625	72.3	7.8
1044	2010/06/22 03:02:49	0.750	77.1	9.6
1045	2010/06/22 03:02:58	0.875	68.1	6.2
1046	2010/06/22 03:02:59	1.000	74.6	9.8
1047	2010/06/22 03:03:03	0.750	65.1	7.9
1048	2010/06/22 03:03:05	1.000	64.2	7.5
1049	2010/06/22 03:03:11	0.750	65.1	10.4
1050	2010/06/22 03:03:22	0.750	67.6	10.1
1051	2010/06/22 03:03:24	0.750	75.6	12.3
1052	2010/06/22 03:03:26	0.625	68.3	10.4

1053	2010/06/22 03:04:07	0.875	74.0	12.0
1054	2010/06/22 03:04:48	1.000	71.6	7.5
1055	2010/06/22 03:04:57	0.875	79.6	7.1
1056	2010/06/22 03:05:23	1.000	81.2	9.6
1057	2010/06/22 03:05:32	1.000	77.4	9.8
1058	2010/06/22 03:05:36	0.750	73.4	9.4
1059	2010/06/22 03:05:56	0.875	76.6	9.1
1060	2010/06/22 03:06:23	1.000	76.3	7.3
1061	2010/06/22 03:06:46	0.625	77.5	10.5
1062	2010/06/22 03:06:59	0.750	65.4	10.4
1063	2010/06/22 03:07:24	1.000	78.6	10.6
1064	2010/06/22 03:07:27	1.000	76.7	6.8
1065	2010/06/22 03:07:32	1.000	75.5	8.2
1066	2010/06/22 03:07:51	0.750	71.6	8.0
1067	2010/06/22 03:09:05	1.000	62.1	11.0
1068	2010/06/22 03:09:20	1.000	72.5	9.7
1069	2010/06/22 03:09:22	0.750	54.5	10.7
1070	2010/06/22 03:09:41	0.875	65.0	9.0
1071	2010/06/22 03:09:48	1.000	66.2	9.2
1072	2010/06/22 03:09:54	1.000	60.9	6.4
1073	2010/06/22 03:10:00	0.875	74.1	10.1
1074	2010/06/22 03:10:07	0.875	68.6	7.2
1075	2010/06/22 03:10:20	0.625	72.6	10.4
1076	2010/06/22 03:10:25	0.875	72.6	9.7
1077	2010/06/22 03:10:28	0.875	70.0	7.9
1078	2010/06/22 03:10:34	0.625	66.9	10.8
1079	2010/06/22 03:11:44	1.000	79.6	10.5
1080	2010/06/22 03:13:27	1.000	64.7	10.4
1081	2010/06/22 03:14:39	0.750	73.0	8.9
1082	2010/06/22 03:14:41	0.875	73.7	8.9
1083	2010/06/22 03:15:23	1.000	73.4	10.4
1084	2010/06/22 03:15:48	0.875	78.0	10.0

1085	2010/06/22 03:15:55	0.625	68.9	8.0
1086	2010/06/22 03:16:00	0.750	74.3	10.6
1087	2010/06/22 03:16:32	0.500	58.8	9.0
1088	2010/06/22 03:16:35	1.000	52.4	10.8
1089	2010/06/22 03:16:37	0.750	60.0	11.0
1090	2010/06/22 03:16:41	0.750	60.8	9.7
1091	2010/06/22 03:16:47	1.000	62.7	9.8
1092	2010/06/22 03:16:50	0.875	57.1	6.3
1093	2010/06/22 03:16:53	0.750	63.2	10.9
1094	2010/06/22 03:17:05	1.000	72.8	9.6
1095	2010/06/22 03:17:09	0.625	77.8	8.6
1096	2010/06/22 03:17:10	0.625	71.2	8.5
1097	2010/06/22 03:17:12	1.000	73.6	9.5
1098	2010/06/22 03:17:15	0.875	65.9	6.5
1099	2010/06/22 03:17:24	0.750	63.3	9.8
1100	2010/06/22 03:17:27	1.000	73.2	9.5
1101	2010/06/22 03:17:40	1.000	75.9	11.7
1102	2010/06/22 03:17:43	0.625	70.5	10.1
1103	2010/06/22 03:18:09	0.625	60.0	11.3
1104	2010/06/22 03:18:12	0.875	69.0	8.4
1105	2010/06/22 03:18:24	0.750	74.2	11.7
1106	2010/06/22 03:18:41	0.875	63.8	10.0
1107	2010/06/22 03:18:43	0.625	55.4	9.3
1108	2010/06/22 03:19:03	0.875	68.1	10.3
1109	2010/06/22 03:19:04	0.625	68.6	9.5
1110	2010/06/22 03:19:05	1.000	69.9	10.1
1111	2010/06/22 03:19:14	0.750	78.8	10.1
1112	2010/06/22 03:19:16	0.625	74.6	8.7
1113	2010/06/22 03:19:31	1.000	67.6	8.7
1114	2010/06/22 03:19:57	0.875	82.4	10.2
1115	2010/06/22 03:20:10	0.625	78.1	10.7
1116	2010/06/22 03:20:12	0.875	68.4	10.7

1117	2010/06/22 03:20:19	0.750	76.1	10.1
1118	2010/06/22 03:20:28	0.750	72.9	9.2
1119	2010/06/22 03:20:47	0.625	77.8	8.0
1120	2010/06/22 03:21:21	1.000	71.1	9.0
1121	2010/06/22 03:21:29	0.750	76.0	8.8
1122	2010/06/22 03:21:30	0.875	76.2	9.2
1123	2010/06/22 03:21:44	0.750	67.0	10.0
1124	2010/06/22 03:22:01	0.875	69.2	10.6
1125	2010/06/22 03:22:10	0.750	80.0	10.0
1126	2010/06/22 03:22:15	0.750	69.0	6.5
1127	2010/06/22 03:22:20	1.000	70.1	10.1
1128	2010/06/22 03:22:43	1.000	65.6	8.8
1129	2010/06/22 03:23:21	0.625	60.9	12.6
1130	2010/06/22 03:23:23	0.625	62.8	9.3
1131	2010/06/22 03:23:48	0.625	75.6	9.6
1132	2010/06/22 03:23:54	1.000	78.0	9.6
1133	2010/06/22 03:23:56	0.750	80.5	8.9
1134	2010/06/22 03:24:33	0.750	76.7	9.8
1135	2010/06/22 03:24:42	0.625	67.6	11.0
1136	2010/06/22 03:25:02	0.875	77.2	11.1
1137	2010/06/22 03:25:04	0.750	76.9	8.8
1138	2010/06/22 03:26:00	0.500	84.3	10.6
1139	2010/06/22 03:26:08	0.750	77.0	9.8
1140	2010/06/22 03:27:06	0.875	65.8	10.0
1141	2010/06/22 03:27:18	0.625	79.5	9.5
1142	2010/06/22 03:28:32	1.000	78.8	6.1
1143	2010/06/22 03:29:07	0.875	82.0	8.9
1144	2010/06/22 03:29:10	0.625	75.7	7.4
1145	2010/06/22 03:29:34	0.625	71.0	8.5
1146	2010/06/22 03:29:39	0.875	72.1	8.1
1147	2010/06/22 03:29:54	0.750	76.0	9.9
1148	2010/06/22 03:29:59	0.625	70.3	7.6

1149	2010/06/22 03:30:03	1.000	68.6	11.1
1150	2010/06/22 03:30:11	0.750	70.1	10.3
1151	2010/06/22 03:30:22	1.000	73.1	8.7
1152	2010/06/22 03:30:23	0.875	70.4	8.3
1153	2010/06/22 03:30:29	0.875	68.3	7.4
1154	2010/06/22 03:31:09	1.000	67.5	7.2
1155	2010/06/22 03:31:15	1.000	75.6	8.1
1156	2010/06/22 03:31:17	1.000	77.3	9.1
1157	2010/06/22 03:34:48	1.000	82.2	7.0
1158	2010/06/22 03:35:35	0.750	80.4	8.6
1159	2010/06/22 03:35:40	0.750	84.1	10.6
1160	2010/06/22 03:36:11	1.000	72.0	8.8
1161	2010/06/22 03:36:17	0.750	78.1	12.1
1162	2010/06/22 03:36:58	0.750	64.4	7.5
1163	2010/06/22 03:37:00	0.875	72.1	9.6
1164	2010/06/22 03:37:08	0.625	58.8	9.0
1165	2010/06/22 03:37:40	0.750	71.8	7.1
1166	2010/06/22 03:38:14	0.875	78.5	9.3
1167	2010/06/22 03:38:34	0.750	73.7	8.4
1168	2010/06/22 03:38:35	1.000	66.7	7.8
1169	2010/06/22 03:39:09	0.625	57.9	8.5
1170	2010/06/22 03:39:26	0.750	63.9	9.5
1171	2010/06/22 03:39:42	0.750	78.7	10.2
1172	2010/06/22 03:40:10	1.000	72.4	10.3
1173	2010/06/22 03:40:21	1.000	77.8	9.0
1174	2010/06/22 03:40:26	0.750	75.1	10.3
1175	2010/06/22 03:40:27	0.875	69.3	10.4
1176	2010/06/22 03:40:39	0.875	73.0	9.7
1177	2010/06/22 03:40:40	0.875	77.0	9.6
1178	2010/06/22 03:40:49	0.750	70.5	9.8
1179	2010/06/22 03:40:54	0.750	65.9	7.8
1180	2010/06/22 03:41:12	0.875	72.5	10.6

1181	2010/06/22 03:41:15	0.625	77.5	11.4
1182	2010/06/22 03:41:37	1.000	69.4	9.5
1183	2010/06/22 03:42:19	0.750	71.5	11.3
1184	2010/06/22 03:42:28	1.000	78.2	7.2
1185	2010/06/22 03:42:30	1.000	70.7	6.5
1186	2010/06/22 03:42:42	1.000	86.4	9.5
1187	2010/06/22 03:43:20	0.750	76.2	7.8
1188	2010/06/22 03:44:12	0.875	74.4	8.6
1189	2010/06/22 03:44:28	0.750	64.4	8.0
1190	2010/06/22 03:45:14	0.625	77.9	9.5
1191	2010/06/22 03:45:19	0.625	76.6	7.2
1192	2010/06/22 03:45:26	0.750	77.9	8.3
1193	2010/06/22 03:45:40	0.750	77.5	10.2
1194	2010/06/22 03:46:04	0.875	78.5	7.9
1195	2010/06/22 03:46:06	0.750	77.1	9.8
1196	2010/06/22 03:46:16	0.750	67.7	10.2
1197	2010/06/22 03:46:23	1.000	72.0	11.6
1198	2010/06/22 03:46:27	0.625	74.8	10.5
1199	2010/06/22 03:46:36	0.750	73.0	10.0
1200	2010/06/22 03:46:47	0.875	66.1	7.4
1201	2010/06/22 03:47:02	1.000	70.7	7.0
1202	2010/06/22 03:47:07	0.875	63.8	8.9
1203	2010/06/22 03:47:39	0.750	70.8	9.6
1204	2010/06/22 03:47:48	1.000	78.1	11.6
1205	2010/06/22 03:47:58	1.000	78.8	8.4
1206	2010/06/22 03:48:26	1.000	72.1	9.2
1207	2010/06/22 03:48:29	1.000	72.9	9.2
1208	2010/06/22 03:48:30	0.875	74.0	7.9
1209	2010/06/22 03:48:43	1.000	56.2	7.9
1210	2010/06/22 03:48:55	0.625	56.7	11.4
1211	2010/06/22 03:49:15	0.875	72.9	10.6
1212	2010/06/22 03:49:18	1.000	68.8	10.6



1213	2010/06/22 03:49:21	0.875	57.4	9.3
1214	2010/06/22 03:49:29	0.875	65.5	7.0
1215	2010/06/22 03:49:50	0.625	66.3	7.5
1216	2010/06/22 03:50:04	1.000	73.6	11.1
1217	2010/06/22 03:50:13	0.875	77.6	7.9
1218	2010/06/22 03:50:16	0.875	81.5	10.6
1219	2010/06/22 03:50:36	0.750	63.0	8.7
1220	2010/06/22 03:50:45	0.625	74.9	8.0
1221	2010/06/22 03:50:50	0.750	78.1	10.2
1222	2010/06/22 03:51:00	0.625	63.1	9.8
1223	2010/06/22 03:51:03	0.750	66.3	12.4
1224	2010/06/22 03:51:39	0.875	69.6	8.0
1225	2010/06/22 03:51:50	0.750	66.5	6.4
1226	2010/06/22 03:52:12	1.000	66.0	9.2
1227	2010/06/22 03:52:13	1.000	61.6	8.8
1228	2010/06/22 03:52:18	0.750	57.5	6.6
1229	2010/06/22 03:52:29	0.750	70.7	9.9
1230	2010/06/22 03:52:35	1.000	76.5	11.3
1231	2010/06/22 03:52:37	0.875	78.2	9.4
1232	2010/06/22 03:52:52	0.625	79.3	8.9
1233	2010/06/22 03:52:54	0.875	79.1	7.2
1234	2010/06/22 03:53:30	0.875	63.1	10.5
1235	2010/06/22 03:53:34	0.750	65.1	10.5
1236	2010/06/22 03:53:48	1.000	75.5	9.6
1237	2010/06/22 03:54:05	1.000	69.8	11.7
1238	2010/06/22 03:54:06	0.875	70.7	8.7
1239	2010/06/22 03:54:14	1.000	64.5	9.3
1240	2010/06/22 03:54:19	0.875	65.4	8.9
1241	2010/06/22 03:54:28	0.875	69.4	9.4
1242	2010/06/22 03:55:51	0.750	72.9	10.1
1243	2010/06/22 03:55:57	0.750	59.8	10.9
1244	2010/06/22 03:56:03	0.750	74.0	11.0

1245	2010/06/22 03:56:08	0.750	62.4	6.8
1246	2010/06/22 03:56:27	0.625	76.8	10.2
1247	2010/06/22 03:57:10	0.875	65.5	6.2
1248	2010/06/22 03:57:22	1.000	72.9	9.6
1249	2010/06/22 03:57:25	0.750	69.7	9.9
1250	2010/06/22 03:57:27	0.875	81.1	10.2
1251	2010/06/22 03:57:39	0.750	77.7	8.6
1252	2010/06/22 03:57:40	0.750	81.4	8.9
1253	2010/06/22 03:57:47	1.000	69.7	7.6
1254	2010/06/22 03:57:58	0.875	75.2	9.6
1255	2010/06/22 03:58:08	0.875	69.4	9.5
1256	2010/06/22 03:58:18	0.750	66.0	8.7
1257	2010/06/22 03:58:25	0.875	71.4	9.0
1258	2010/06/22 03:58:39	1.000	63.4	7.0
1259	2010/06/22 03:58:51	1.000	76.4	8.9
1260	2010/06/22 04:00:13	0.625	70.3	8.4
1261	2010/06/22 04:00:32	0.750	80.9	9.3
1262	2010/06/22 04:00:40	0.750	70.1	10.2
1263	2010/06/22 04:00:43	1.000	71.2	9.3
1264	2010/06/22 04:00:44	0.875	71.4	9.8
1265	2010/06/22 04:01:00	0.875	59.9	9.2
1266	2010/06/22 04:01:20	0.875	72.9	8.9
1267	2010/06/22 04:01:25	1.000	80.9	7.6
1268	2010/06/22 04:01:50	0.875	75.7	8.4
1269	2010/06/22 04:01:59	0.875	77.3	8.9
1270	2010/06/22 04:02:02	0.750	72.8	9.7
1271	2010/06/22 04:02:27	0.750	77.3	10.7
1272	2010/06/22 04:02:29	0.875	79.3	9.4
1273	2010/06/22 04:02:31	0.875	77.1	7.8
1274	2010/06/22 04:02:39	0.875	80.4	10.0
1275	2010/06/22 04:03:00	0.875	76.6	9.4
1276	2010/06/22 04:03:05	1.000	82.3	10.7

1277	2010/06/22 04:03:06	1.000	83.4	9.4
1278	2010/06/22 04:03:18	1.000	78.7	9.4
1279	2010/06/22 04:03:34	0.625	73.1	11.3
1280	2010/06/22 04:03:59	0.750	56.0	9.5
1281	2010/06/22 04:04:02	1.000	69.2	8.9
1282	2010/06/22 04:04:03	0.750	66.4	7.7
1283	2010/06/22 04:04:05	0.625	63.4	10.5
1284	2010/06/22 04:04:06	0.750	63.6	8.1
1285	2010/06/22 04:04:17	0.875	60.8	11.9
1286	2010/06/22 04:04:18	0.875	63.6	10.7
1287	2010/06/22 04:04:36	1.000	67.4	8.3
1288	2010/06/22 04:04:41	0.625	79.7	8.8
1289	2010/06/22 04:04:52	0.750	74.7	11.3
1290	2010/06/22 04:05:01	0.875	67.4	8.1
1291	2010/06/22 04:05:11	0.750	70.7	10.4
1292	2010/06/22 04:05:25	0.875	82.0	8.2
1293	2010/06/22 04:05:31	0.750	72.7	10.0
1294	2010/06/22 04:06:16	0.875	68.2	7.3
1295	2010/06/22 04:06:24	1.000	61.4	8.3
1296	2010/06/22 04:07:35	0.875	65.3	6.8
1297	2010/06/22 04:07:48	0.500	65.0	8.3
1298	2010/06/22 04:07:49	0.750	70.7	9.8
1299	2010/06/22 04:08:24	0.750	77.2	10.4
1300	2010/06/22 04:08:26	0.625	72.9	7.4
1301	2010/06/22 04:08:38	1.000	64.6	6.7
1302	2010/06/22 04:09:01	1.000	76.7	10.4
1303	2010/06/22 04:09:10	0.625	58.2	7.1
1304	2010/06/22 04:09:41	0.750	79.1	11.4
1305	2010/06/22 04:09:50	0.750	81.9	11.1
1306	2010/06/22 04:09:57	0.750	68.9	9.5
1307	2010/06/22 04:10:06	0.875	68.8	11.0
1308	2010/06/22 04:10:11	1.000	67.9	9.1

1309	2010/06/22 04:10:15	0.625	75.4	11.5
1310	2010/06/22 04:11:23	0.750	76.9	9.9
1311	2010/06/22 04:11:24	1.000	71.8	8.1
1312	2010/06/22 04:11:35	0.625	75.2	13.2
1313	2010/06/22 04:11:36	0.875	76.4	9.1
1314	2010/06/22 04:11:47	0.625	79.4	11.2
1315	2010/06/22 04:11:53	0.875	70.4	8.0
1316	2010/06/22 04:11:57	1.000	70.5	7.9
1317	2010/06/22 04:12:20	1.000	74.7	9.2
1318	2010/06/22 04:12:29	1.000	72.9	9.3
1319	2010/06/22 04:13:45	1.000	67.8	11.1
1320	2010/06/22 04:13:49	0.625	63.7	8.9
1321	2010/06/22 04:14:21	0.875	59.3	7.6
1322	2010/06/22 04:14:34	0.750	61.5	8.1
1323	2010/06/22 04:15:23	0.875	92.8	6.2
1324	2010/06/22 04:15:28	1.000	73.7	7.8
1325	2010/06/22 04:15:30	0.750	75.5	7.2
1326	2010/06/22 04:15:40	0.750	81.2	9.4
1327	2010/06/22 04:15:47	1.000	71.7	6.5
1328	2010/06/22 04:16:00	1.000	68.3	7.5
1329	2010/06/22 04:16:39	0.875	67.5	9.1
1330	2010/06/22 04:16:40	0.875	65.7	8.2
1331	2010/06/22 04:16:44	0.625	63.3	9.2
1332	2010/06/22 04:16:53	1.000	65.8	9.5
1333	2010/06/22 04:17:05	0.625	68.1	9.6
1334	2010/06/22 04:17:25	1.000	56.0	7.6
1335	2010/06/22 04:17:28	0.750	58.2	11.3
1336	2010/06/22 04:17:29	0.625	57.7	11.6
1337	2010/06/22 04:17:37	0.875	81.4	9.9
1338	2010/06/22 04:17:49	0.750	83.2	8.3
1339	2010/06/22 04:18:14	1.000	77.3	9.1
1340	2010/06/22 04:18:16	1.000	71.6	7.9

1341	2010/06/22 04:18:37	1.000	69.5	9.9
1342	2010/06/22 04:18:44	1.000	70.3	7.6
1343	2010/06/22 04:19:06	0.625	67.6	10.3
1344	2010/06/22 04:19:22	0.750	60.4	8.3
1345	2010/06/22 04:19:28	1.000	65.2	7.6
1346	2010/06/22 04:19:38	1.000	72.8	10.1
1347	2010/06/22 04:19:41	1.000	70.5	8.2
1348	2010/06/22 04:19:44	0.750	68.8	7.8
1349	2010/06/22 04:19:50	0.750	68.7	11.3
1350	2010/06/22 04:20:01	0.750	58.7	9.1
1351	2010/06/22 04:20:02	0.750	69.5	9.6
1352	2010/06/22 04:20:39	0.625	62.9	7.7
1353	2010/06/22 04:20:42	1.000	63.6	11.7
1354	2010/06/22 04:20:45	0.750	61.6	11.8
1355	2010/06/22 04:20:49	0.875	56.2	8.3
1356	2010/06/22 04:21:02	0.625	54.6	12.0
1357	2010/06/22 04:21:48	1.000	71.3	6.1
1358	2010/06/22 04:22:14	0.875	63.8	8.0
1359	2010/06/22 04:22:27	0.750	76.3	9.4
1360	2010/06/22 04:22:40	0.750	74.4	8.1
1361	2010/06/22 04:23:03	0.500	66.6	10.7
1362	2010/06/22 04:23:39	1.000	75.1	9.8
1363	2010/06/22 04:23:42	1.000	69.8	9.0
1364	2010/06/22 04:24:04	0.875	71.0	9.5
1365	2010/06/22 04:25:03	0.500	63.3	12.6
1366	2010/06/22 04:26:25	0.875	84.6	11.7
1367	2010/06/22 04:26:28	1.000	78.0	8.4
1368	2010/06/22 04:26:30	0.750	71.8	7.7
1369	2010/06/22 04:27:04	0.875	61.3	7.4
1370	2010/06/22 04:27:14	0.875	58.8	7.6
1371	2010/06/22 04:28:32	0.500	70.3	8.3
1372	2010/06/22 04:28:53	0.625	80.2	8.2

1373	2010/06/22 04:29:42	1.000	64.2	7.0
1374	2010/06/22 04:30:18	0.875	63.4	6.7
1375	2010/06/22 04:30:30	0.875	73.3	9.4
1376	2010/06/22 04:30:52	1.000	52.6	7.2
1377	2010/06/22 04:31:31	0.625	73.8	8.3
1378	2010/06/22 04:32:06	0.875	68.9	7.6
1379	2010/06/22 04:32:13	0.625	68.9	9.4
1380	2010/06/22 04:32:14	1.000	73.9	8.8
1381	2010/06/22 04:32:17	1.000	54.6	9.1
1382	2010/06/22 04:32:25	0.875	58.5	7.7
1383	2010/06/22 04:32:38	0.625	55.6	8.6
1384	2010/06/22 04:32:41	0.625	54.2	11.4
1385	2010/06/22 04:32:51	1.000	56.6	7.5
1386	2010/06/22 04:33:07	0.750	70.1	10.2
1387	2010/06/22 04:33:48	0.750	64.3	6.3
1388	2010/06/22 04:33:51	0.875	80.2	9.5
1389	2010/06/22 04:34:21	0.750	60.8	8.0
1390	2010/06/22 04:34:34	0.875	73.4	8.8
1391	2010/06/22 04:34:45	0.625	70.9	8.1
1392	2010/06/22 04:35:16	0.875	74.9	6.1
1393	2010/06/22 04:35:43	1.000	79.3	8.9
1394	2010/06/22 04:35:48	0.750	68.4	7.9
1395	2010/06/22 04:35:53	0.625	72.9	11.0
1396	2010/06/22 04:36:11	1.000	67.4	8.5
1397	2010/06/22 04:36:24	0.625	72.3	9.8
1398	2010/06/22 04:36:26	1.000	58.1	10.9
1399	2010/06/22 04:36:31	0.875	61.2	6.9
1400	2010/06/22 04:36:48	1.000	78.2	9.3
1401	2010/06/22 04:36:57	0.875	67.1	12.4
1402	2010/06/22 04:36:59	0.750	70.4	12.9
1403	2010/06/22 04:37:01	0.875	66.4	10.3
1404	2010/06/22 04:37:04	0.750	64.5	10.6

1405	2010/06/22 04:37:08	0.875	68.2	8.4
1406	2010/06/22 04:37:16	0.875	80.3	9.8
1407	2010/06/22 04:37:18	1.000	69.0	10.4
1408	2010/06/22 04:37:21	1.000	78.4	8.6
1409	2010/06/22 04:37:22	0.750	73.5	8.5
1410	2010/06/22 04:37:32	0.750	72.4	10.3
1411	2010/06/22 04:37:41	0.875	75.8	10.3
1412	2010/06/22 04:37:56	1.000	74.7	10.9
1413	2010/06/22 04:38:03	1.000	81.9	9.4
1414	2010/06/22 04:38:26	0.875	84.9	7.5
1415	2010/06/22 04:38:28	1.000	79.5	7.9
1416	2010/06/22 04:38:35	0.625	70.9	9.7
1417	2010/06/22 04:38:36	0.625	70.4	8.2
1418	2010/06/22 04:38:43	1.000	83.2	8.9
1419	2010/06/22 04:38:46	0.875	75.0	8.2
1420	2010/06/22 04:38:48	0.750	77.6	10.4
1421	2010/06/22 04:39:04	0.875	68.8	10.7
1422	2010/06/22 04:39:29	0.875	61.8	7.2
1423	2010/06/22 04:39:51	0.750	73.9	9.8
1424	2010/06/22 04:39:55	1.000	69.1	7.0
1425	2010/06/22 04:40:11	0.750	76.5	7.7
1426	2010/06/22 04:40:18	0.625	75.6	9.7
1427	2010/06/22 04:40:24	0.625	82.3	11.5
1428	2010/06/22 04:40:53	0.625	71.4	10.6
1429	2010/06/22 04:41:33	0.500	61.4	9.2
1430	2010/06/22 04:41:52	0.625	62.9	12.5
1431	2010/06/22 04:42:13	1.000	72.7	10.0
1432	2010/06/22 04:42:21	0.875	83.6	9.9
1433	2010/06/22 04:42:30	0.750	70.2	6.4
1434	2010/06/22 04:42:31	0.625	80.2	10.0
1435	2010/06/22 04:42:36	0.625	78.1	7.4
1436	2010/06/22 04:42:56	0.875	75.2	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1437	2010/06/22 04:43:14	0.875	81.0	10.1
1438	2010/06/22 04:43:17	0.875	78.2	10.1
1439	2010/06/22 04:43:35	0.750	57.4	6.6
1440	2010/06/22 04:43:36	1.000	58.5	7.2
1441	2010/06/22 04:43:44	0.750	67.5	8.0
1442	2010/06/22 04:43:51	1.000	59.2	7.4
1443	2010/06/22 04:43:57	0.625	58.5	9.0
1444	2010/06/22 04:44:14	0.875	66.4	10.3
1445	2010/06/22 04:44:16	0.750	59.6	9.8
1446	2010/06/22 04:44:24	0.750	64.0	11.5
1447	2010/06/22 04:44:51	0.750	80.4	11.1
1448	2010/06/22 04:44:53	1.000	67.7	11.4
1449	2010/06/22 04:44:55	0.625	73.5	9.5
1450	2010/06/22 04:44:57	0.750	69.6	8.8
1451	2010/06/22 04:45:01	0.625	63.3	9.7
1452	2010/06/22 04:45:26	1.000	66.1	6.1
1453	2010/06/22 04:45:34	0.875	63.6	8.2
1454	2010/06/22 04:45:42	0.875	56.8	8.5
1455	2010/06/22 04:45:45	0.625	59.2	12.2
1456	2010/06/22 04:45:48	1.000	70.0	9.4
1457	2010/06/22 04:46:13	0.750	59.9	9.3
1458	2010/06/22 04:46:32	1.000	61.9	10.2
1459	2010/06/22 04:46:47	1.000	55.6	7.4
1460	2010/06/22 04:46:54	0.750	62.5	9.8
1461	2010/06/22 04:47:03	1.000	52.6	7.7
1462	2010/06/22 04:47:05	1.000	71.1	9.2
1463	2010/06/22 04:47:28	0.750	68.8	9.3
1464	2010/06/22 04:47:50	0.750	59.3	7.5
1465	2010/06/22 04:47:53	0.750	64.2	9.8
1466	2010/06/22 04:47:57	0.625	67.9	8.8
1467	2010/06/22 04:47:59	0.875	56.9	9.6
1468	2010/06/22 04:48:02	0.875	70.4	9.7



1469	2010/06/22 04:48:10	0.625	71.2	7.7
1470	2010/06/22 04:48:20	0.750	80.7	9.9
1471	2010/06/22 04:48:22	0.625	77.9	9.1
1472	2010/06/22 04:48:27	0.750	67.7	6.1
1473	2010/06/22 04:48:36	0.750	75.4	10.0
1474	2010/06/22 04:48:51	0.750	69.6	8.3
1475	2010/06/22 04:49:44	0.625	76.3	8.6
1476	2010/06/22 04:49:50	0.875	72.3	9.3
1477	2010/06/22 04:49:52	0.750	75.3	9.6
1478	2010/06/22 04:50:01	1.000	78.5	8.4
1479	2010/06/22 04:50:02	0.750	75.0	6.3
1480	2010/06/22 04:50:05	1.000	63.5	7.1
1481	2010/06/22 04:50:20	0.625	76.5	11.3
1482	2010/06/22 04:50:22	0.750	74.2	8.5
1483	2010/06/22 04:50:48	1.000	66.6	9.7
1484	2010/06/22 04:50:53	0.875	84.8	10.5
1485	2010/06/22 04:50:55	0.625	76.4	10.5
1486	2010/06/22 04:51:05	0.750	73.4	7.2
1487	2010/06/22 04:51:06	1.000	60.4	8.8
1488	2010/06/22 04:51:07	1.000	67.6	8.2
1489	2010/06/22 04:51:25	0.750	80.2	8.3
1490	2010/06/22 04:51:34	0.625	75.1	9.4
1491	2010/06/22 04:51:44	0.625	72.9	10.4
1492	2010/06/22 04:51:45	1.000	72.1	8.3
1493	2010/06/22 04:51:51	1.000	67.4	6.8
1494	2010/06/22 04:52:08	1.000	74.0	11.7
1495	2010/06/22 04:52:09	0.875	65.6	10.7
1496	2010/06/22 04:52:15	1.000	74.6	9.2
1497	2010/06/22 04:52:24	0.750	74.5	9.7
1498	2010/06/22 04:52:28	0.875	67.7	9.7
1499	2010/06/22 04:52:31	0.625	60.6	11.5
1500	2010/06/22 04:52:36	0.625	58.6	10.4

1501	2010/06/22 04:53:01	1.000	72.7	8.7
1502	2010/06/22 04:53:15	0.625	75.5	10.6
1503	2010/06/22 04:53:19	1.000	73.9	9.3
1504	2010/06/22 04:53:34	0.750	76.1	6.8
1505	2010/06/22 04:53:36	1.000	75.7	7.2
1506	2010/06/22 04:54:10	1.000	81.8	9.3
1507	2010/06/22 04:54:11	0.625	70.0	9.1
1508	2010/06/22 04:54:25	0.875	81.0	9.8
1509	2010/06/22 04:54:27	1.000	73.8	8.6
1510	2010/06/22 04:54:31	0.875	75.6	8.8
1511	2010/06/22 04:54:33	0.625	67.0	9.9
1512	2010/06/22 04:55:00	0.750	70.4	9.5
1513	2010/06/22 04:55:04	0.750	74.3	9.9
1514	2010/06/22 04:55:07	0.750	65.5	9.2
1515	2010/06/22 04:55:19	0.750	65.7	9.6
1516	2010/06/22 04:55:31	1.000	57.7	10.2
1517	2010/06/22 04:55:38	1.000	73.8	9.8
1518	2010/06/22 04:55:50	0.625	73.3	11.9
1519	2010/06/22 04:56:01	0.625	72.6	10.8
1520	2010/06/22 04:56:05	0.750	70.1	10.5
1521	2010/06/22 04:56:07	0.750	73.4	8.1
1522	2010/06/22 04:56:30	0.625	68.5	8.5
1523	2010/06/22 04:56:37	1.000	79.3	9.5
1524	2010/06/22 04:57:05	1.000	75.0	8.6
1525	2010/06/22 04:57:08	0.750	70.6	7.3
1526	2010/06/22 04:57:15	0.875	68.1	8.3
1527	2010/06/22 04:57:36	1.000	70.3	9.2
1528	2010/06/22 04:57:49	0.875	76.7	9.3
1529	2010/06/22 04:57:59	0.875	81.5	8.9
1530	2010/06/22 04:58:13	1.000	83.4	10.0
1531	2010/06/22 04:58:31	0.875	68.6	8.2
1532	2010/06/22 04:58:57	0.875	77.9	7.3

1533	2010/06/22 04:59:22	0.500	70.3	11.5
1534	2010/06/22 04:59:29	0.750	68.8	11.2
1535	2010/06/22 05:00:00	0.750	77.3	9.5
1536	2010/06/22 05:00:00	0.875	79.2	10.0
1537	2010/06/22 05:00:04	0.625	73.8	8.7
1538	2010/06/22 05:00:05	1.000	66.2	9.7
1539	2010/06/22 05:00:08	0.875	66.9	7.9
1540	2010/06/22 05:00:10	0.875	62.7	6.7
1541	2010/06/22 05:00:15	1.000	62.9	9.8
1542	2010/06/22 05:00:20	0.875	61.1	8.8
1543	2010/06/22 05:00:42	0.750	68.9	10.0
1544	2010/06/22 05:00:44	1.000	63.4	10.1
1545	2010/06/22 05:00:46	1.000	65.4	10.8
1546	2010/06/22 05:00:51	1.000	77.6	9.0
1547	2010/06/22 05:01:27	1.000	86.5	9.3
1548	2010/06/22 05:01:39	1.000	82.0	6.9
1549	2010/06/22 05:01:45	0.875	78.7	7.7
1550	2010/06/22 05:02:04	0.875	77.0	7.9
1551	2010/06/22 05:02:05	1.000	77.2	7.2
1552	2010/06/22 05:02:07	1.000	74.4	7.8
1553	2010/06/22 05:02:12	0.750	75.6	9.1
1554	2010/06/22 05:02:17	0.875	68.9	7.5
1555	2010/06/22 05:02:24	0.750	68.3	9.4
1556	2010/06/22 05:02:27	0.750	68.9	8.4
1557	2010/06/22 05:02:30	0.625	69.5	10.4
1558	2010/06/22 05:02:31	0.875	67.6	8.3
1559	2010/06/22 05:02:34	1.000	69.7	11.3
1560	2010/06/22 05:02:49	1.000	57.9	9.3
1561	2010/06/22 05:03:00	0.875	68.1	10.5
1562	2010/06/22 05:03:06	0.875	70.0	10.5
1563	2010/06/22 05:03:56	0.875	57.9	6.2
1564	2010/06/22 05:04:01	1.000	70.4	9.7

1565	2010/06/22 05:04:10	0.625	60.4	11.8
1566	2010/06/22 05:04:21	1.000	61.4	7.6
1567	2010/06/22 05:04:26	0.750	65.1	9.8
1568	2010/06/22 05:04:37	1.000	68.9	8.6
1569	2010/06/22 05:04:42	0.750	70.5	10.5
1570	2010/06/22 05:04:46	1.000	64.0	10.4
1571	2010/06/22 05:04:48	0.875	62.2	10.8
1572	2010/06/22 05:04:56	1.000	84.3	9.2
1573	2010/06/22 05:05:01	1.000	86.5	8.9
1574	2010/06/22 05:05:06	1.000	71.3	8.0
1575	2010/06/22 05:05:10	1.000	74.6	9.4
1576	2010/06/22 05:05:26	0.625	68.2	7.9
1577	2010/06/22 05:05:36	0.500	68.5	13.1
1578	2010/06/22 05:05:39	1.000	61.0	8.8
1579	2010/06/22 05:06:41	1.000	65.4	7.2
1580	2010/06/22 05:06:59	0.625	75.5	9.4
1581	2010/06/22 05:07:01	0.875	71.5	8.0
1582	2010/06/22 05:07:19	1.000	71.9	12.0
1583	2010/06/22 05:07:30	1.000	72.3	10.5
1584	2010/06/22 05:07:34	0.750	72.7	7.7
1585	2010/06/22 05:07:35	0.625	70.8	8.6
1586	2010/06/22 05:07:50	0.750	61.6	7.6
1587	2010/06/22 05:08:18	0.750	70.1	10.6
1588	2010/06/22 05:08:25	0.875	60.2	8.6
1589	2010/06/22 05:08:54	0.625	69.3	10.0
1590	2010/06/22 05:09:04	0.750	71.3	6.7
1591	2010/06/22 05:09:16	0.750	70.8	8.6
1592	2010/06/22 05:09:23	0.750	79.0	6.4
1593	2010/06/22 05:09:27	0.625	68.5	8.9
1594	2010/06/22 05:09:33	1.000	81.1	9.3
1595	2010/06/22 05:09:56	0.750	61.9	7.1
1596	2010/06/22 05:10:14	1.000	62.3	6.9

1597	2010/06/22 05:10:18	0.750	65.0	12.7
1598	2010/06/22 05:10:19	0.750	58.9	9.9
1599	2010/06/22 05:10:24	0.875	63.3	8.4
1600	2010/06/22 05:10:27	0.875	59.9	7.4
1601	2010/06/22 05:10:37	0.500	60.2	13.0
1602	2010/06/22 05:10:43	0.875	58.0	9.4
1603	2010/06/22 05:10:51	0.625	60.8	13.3
1604	2010/06/22 05:10:57	0.750	78.0	11.2
1605	2010/06/22 05:10:59	1.000	72.5	8.8
1606	2010/06/22 05:11:22	0.625	76.4	7.9
1607	2010/06/22 05:11:26	1.000	63.6	8.7
1608	2010/06/22 05:11:27	1.000	67.7	6.4
1609	2010/06/22 05:11:51	0.875	79.8	9.8
1610	2010/06/22 05:11:53	0.875	66.8	9.9
1611	2010/06/22 05:12:01	1.000	64.9	9.3
1612	2010/06/22 05:12:13	1.000	83.7	10.3
1613	2010/06/22 05:12:21	0.750	72.6	8.4
1614	2010/06/22 05:12:25	0.750	62.2	7.3
1615	2010/06/22 05:12:38	0.875	73.7	9.8
1616	2010/06/22 05:12:46	0.875	64.0	7.4
1617	2010/06/22 05:12:51	0.875	62.6	6.1
1618	2010/06/22 05:12:55	1.000	66.6	7.7
1619	2010/06/22 05:12:57	0.750	61.2	8.5
1620	2010/06/22 05:13:02	0.875	57.3	8.0
1621	2010/06/22 05:13:05	0.750	63.5	8.1
1622	2010/06/22 05:13:20	1.000	69.3	11.0
1623	2010/06/22 05:13:29	0.875	74.2	10.6
1624	2010/06/22 05:13:38	0.625	57.1	12.1
1625	2010/06/22 05:13:52	0.750	74.9	10.3
1626	2010/06/22 05:13:55	0.750	60.7	12.3
1627	2010/06/22 05:13:59	0.750	61.0	11.3
1628	2010/06/22 05:14:19	0.625	64.6	8.6

1629	2010/06/22 05:14:47	0.875	60.5	8.7
1630	2010/06/22 05:14:48	1.000	60.7	7.9
1631	2010/06/22 05:14:54	0.750	67.9	11.8
1632	2010/06/22 05:15:41	0.875	63.5	8.0
1633	2010/06/22 05:15:52	0.875	73.8	8.9
1634	2010/06/22 05:16:10	0.750	59.8	7.0
1635	2010/06/22 05:16:21	1.000	63.0	6.8
1636	2010/06/22 05:16:26	1.000	59.5	10.8
1637	2010/06/22 05:16:45	1.000	71.1	8.4
1638	2010/06/22 05:17:18	0.625	58.1	12.1
1639	2010/06/22 05:17:41	0.750	59.6	10.7
1640	2010/06/22 05:17:46	1.000	68.3	7.1
1641	2010/06/22 05:17:47	0.625	60.9	7.0
1642	2010/06/22 05:18:15	0.750	56.7	12.6
1643	2010/06/22 05:18:20	0.875	58.0	8.1
1644	2010/06/22 05:18:22	0.625	61.6	12.4
1645	2010/06/22 05:18:26	0.875	59.8	10.5
1646	2010/06/22 05:18:27	0.625	60.1	10.5
1647	2010/06/22 05:18:29	0.875	59.9	9.3
1648	2010/06/22 05:18:30	0.750	60.0	8.8
1649	2010/06/22 05:18:31	0.625	59.6	10.3
1650	2010/06/22 05:18:32	0.750	57.5	9.6
1651	2010/06/22 05:18:44	1.000	57.9	12.9
1652	2010/06/22 05:18:45	0.625	56.8	11.3
1653	2010/06/22 05:19:09	0.875	61.2	11.2
1654	2010/06/22 05:19:22	0.625	59.6	13.4
1655	2010/06/22 05:19:26	0.875	61.6	11.6
1656	2010/06/22 05:19:49	1.000	74.6	6.9
1657	2010/06/22 05:20:14	0.750	77.6	7.8
1658	2010/06/22 05:20:18	0.625	68.5	8.9
1659	2010/06/22 05:20:24	0.625	65.6	11.7
1660	2010/06/22 05:20:34	0.500	65.8	10.9

1661	2010/06/22 05:20:47	1.000	71.9	10.7
1662	2010/06/22 05:20:52	0.750	71.3	10.4
1663	2010/06/22 05:20:52	0.750	75.6	9.3
1664	2010/06/22 05:21:03	0.750	59.6	8.4
1665	2010/06/22 05:21:08	1.000	64.6	8.9
1666	2010/06/22 05:21:20	0.875	61.0	6.8
1667	2010/06/22 05:22:12	0.750	76.6	9.6
1668	2010/06/22 05:22:29	0.875	77.8	9.2
1669	2010/06/22 05:22:42	0.750	71.6	8.6
1670	2010/06/22 05:22:50	0.625	73.2	9.9
1671	2010/06/22 05:23:01	1.000	79.9	8.7
1672	2010/06/22 05:23:11	1.000	75.2	8.8
1673	2010/06/22 05:23:14	1.000	67.0	7.6
1674	2010/06/22 05:23:18	0.750	71.1	9.2
1675	2010/06/22 05:23:30	0.875	70.9	8.2
1676	2010/06/22 05:23:33	0.625	67.9	11.1
1677	2010/06/22 05:23:46	0.875	67.3	11.6
1678	2010/06/22 05:24:16	0.875	66.8	12.5
1679	2010/06/22 05:24:19	0.625	64.8	12.0
1680	2010/06/22 05:24:22	1.000	63.9	6.8
1681	2010/06/22 05:24:52	1.000	72.2	8.7
1682	2010/06/22 05:24:54	0.875	66.9	8.6
1683	2010/06/22 05:24:55	0.875	67.4	8.1
1684	2010/06/22 05:24:57	0.750	63.7	7.9
1685	2010/06/22 05:25:12	0.875	77.0	8.7
1686	2010/06/22 05:25:24	1.000	59.7	8.5
1687	2010/06/22 05:26:27	0.750	73.9	7.9
1688	2010/06/22 05:26:28	1.000	74.5	6.9
1689	2010/06/22 05:26:50	0.875	58.8	8.7
1690	2010/06/22 05:27:20	1.000	59.9	8.7
1691	2010/06/22 05:27:43	0.625	67.7	11.6
1692	2010/06/22 05:27:49	0.875	59.3	6.6

1693	2010/06/22 05:27:56	0.875	77.1	10.8
1694	2010/06/22 05:28:02	0.625	62.4	9.3
1695	2010/06/22 05:28:30	0.750	66.0	8.8
1696	2010/06/22 05:28:37	1.000	72.6	7.2
1697	2010/06/22 05:28:40	0.625	71.1	9.5
1698	2010/06/22 05:28:46	1.000	83.7	10.3
1699	2010/06/22 05:29:00	1.000	65.0	12.5
1700	2010/06/22 05:29:07	0.875	74.2	9.1
1701	2010/06/22 05:29:11	0.875	82.5	9.9
1702	2010/06/22 05:29:32	1.000	75.9	8.4
1703	2010/06/22 05:29:40	0.625	73.2	6.8
1704	2010/06/22 05:29:43	0.875	69.9	10.2
1705	2010/06/22 05:30:45	1.000	72.0	10.7
1706	2010/06/22 05:30:52	0.750	77.8	9.5
1707	2010/06/22 05:30:54	0.875	75.2	8.8
1708	2010/06/22 05:30:56	1.000	68.0	8.9
1709	2010/06/22 05:31:09	1.000	69.3	9.3
1710	2010/06/22 05:31:14	0.750	65.1	7.5
1711	2010/06/22 05:32:00	0.750	73.4	9.0
1712	2010/06/22 05:32:14	0.750	63.9	10.9
1713	2010/06/22 05:32:22	0.625	65.2	7.0
1714	2010/06/22 05:32:24	0.500	69.8	12.1
1715	2010/06/22 05:32:27	0.875	74.4	10.2
1716	2010/06/22 05:32:50	0.750	67.4	10.5
1717	2010/06/22 05:32:56	1.000	60.1	10.5
1718	2010/06/22 05:33:14	1.000	62.4	7.0
1719	2010/06/22 05:33:18	0.750	59.2	11.3
1720	2010/06/22 05:33:26	1.000	60.9	7.4
1721	2010/06/22 05:33:34	0.875	59.2	6.8
1722	2010/06/22 05:33:38	1.000	72.2	10.9
1723	2010/06/22 05:33:48	0.625	77.7	13.1
1724	2010/06/22 05:33:53	0.500	76.7	12.7



1725	2010/06/22 05:34:13	1.000	79.6	9.9
1726	2010/06/22 05:34:19	0.625	70.8	7.1
1727	2010/06/22 05:34:29	0.750	78.8	8.5
1728	2010/06/22 05:34:43	0.875	76.0	9.3
1729	2010/06/22 05:34:45	0.750	67.7	8.2
1730	2010/06/22 05:35:13	0.875	68.6	9.0
1731	2010/06/22 05:35:15	0.750	80.6	9.7
1732	2010/06/22 05:35:16	0.750	72.6	8.9
1733	2010/06/22 05:35:41	0.875	78.1	9.6
1734	2010/06/22 05:35:43	0.625	72.8	7.9
1735	2010/06/22 05:35:47	1.000	71.6	9.0
1736	2010/06/22 05:35:48	0.875	76.0	8.8
1737	2010/06/22 05:35:54	0.750	74.9	8.8
1738	2010/06/22 05:35:57	0.625	74.4	10.3
1739	2010/06/22 05:36:03	0.750	74.6	9.4
1740	2010/06/22 05:36:21	1.000	59.4	9.0
1741	2010/06/22 05:36:25	0.875	59.3	7.2
1742	2010/06/22 05:36:28	0.750	62.2	8.0
1743	2010/06/22 05:36:29	0.875	58.5	6.9
1744	2010/06/22 05:36:31	0.750	61.4	8.0
1745	2010/06/22 05:36:45	0.625	64.1	11.2
1746	2010/06/22 05:37:08	0.625	65.0	13.2
1747	2010/06/22 05:37:36	0.875	78.9	6.8
1748	2010/06/22 05:37:40	0.875	75.6	8.4
1749	2010/06/22 05:37:54	0.875	69.7	9.1
1750	2010/06/22 05:38:01	0.875	69.2	9.8
1751	2010/06/22 05:38:06	0.875	74.6	8.6
1752	2010/06/22 05:38:44	1.000	61.1	10.7
1753	2010/06/22 05:38:47	1.000	68.3	8.7
1754	2010/06/22 05:39:06	0.875	66.6	7.8
1755	2010/06/22 05:39:15	0.875	60.0	8.4
1756	2010/06/22 05:39:56	1.000	66.0	7.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1757	2010/06/22 05:40:05	1.000	73.5	10.7
1758	2010/06/22 05:40:14	0.750	62.7	7.7
1759	2010/06/22 05:40:30	0.875	76.4	9.1
1760	2010/06/22 05:40:38	0.875	60.4	7.2
1761	2010/06/22 05:40:46	0.750	61.9	9.7
1762	2010/06/22 05:40:50	1.000	60.3	7.1
1763	2010/06/22 05:40:58	0.875	57.2	7.2
1764	2010/06/22 05:41:24	0.875	76.1	10.6
1765	2010/06/22 05:41:25	1.000	74.0	8.1
1766	2010/06/22 05:41:31	0.750	66.9	10.0
1767	2010/06/22 05:41:38	0.875	79.1	9.9
1768	2010/06/22 05:41:53	0.625	74.3	10.6
1769	2010/06/22 05:42:17	0.625	74.4	8.5
1770	2010/06/22 05:42:43	0.750	77.5	6.2
1771	2010/06/22 05:42:47	0.750	79.1	9.9
1772	2010/06/22 05:42:58	0.750	81.4	10.0
1773	2010/06/22 05:43:04	1.000	73.8	9.9
1774	2010/06/22 05:43:05	0.625	69.7	9.8
1775	2010/06/22 05:43:08	1.000	68.8	7.6
1776	2010/06/22 05:43:26	0.625	75.1	9.5
1777	2010/06/22 05:43:36	0.750	74.5	9.0
1778	2010/06/22 05:43:38	1.000	70.2	6.8
1779	2010/06/22 05:43:40	0.750	73.9	10.7
1780	2010/06/22 05:43:44	1.000	75.6	10.1
1781	2010/06/22 05:43:51	0.875	75.5	10.1
1782	2010/06/22 05:44:55	0.875	55.8	8.2
1783	2010/06/22 05:45:22	1.000	61.8	8.1
1784	2010/06/22 05:45:25	0.625	73.5	9.9
1785	2010/06/22 05:45:33	0.750	85.4	10.8
1786	2010/06/22 05:45:38	1.000	69.3	9.3
1787	2010/06/22 05:46:19	0.875	79.4	8.2
1788	2010/06/22 05:46:40	0.875	71.3	10.6

1789	2010/06/22 05:46:42	0.625	70.0	9.0
1790	2010/06/22 05:47:11	0.875	72.7	9.9
1791	2010/06/22 05:47:34	1.000	70.4	12.0
1792	2010/06/22 05:47:35	0.750	66.9	10.1
1793	2010/06/22 05:47:45	0.750	64.9	10.2
1794	2010/06/22 05:47:45	0.875	69.6	10.0
1795	2010/06/22 05:48:07	0.750	57.5	9.1
1796	2010/06/22 05:48:12	1.000	57.3	8.3
1797	2010/06/22 05:48:17	1.000	55.8	9.3
1798	2010/06/22 05:48:30	0.750	68.9	12.7
1799	2010/06/22 05:48:31	0.625	66.3	10.8
1800	2010/06/22 05:48:47	1.000	58.1	8.5
1801	2010/06/22 05:48:57	0.750	58.2	8.8
1802	2010/06/22 05:49:18	0.625	62.7	12.8
1803	2010/06/22 05:49:22	0.875	58.5	10.8
1804	2010/06/22 05:49:23	0.875	64.1	6.9
1805	2010/06/22 05:49:32	0.750	60.0	10.3
1806	2010/06/22 05:49:43	0.750	61.4	12.0
1807	2010/06/22 05:49:45	0.625	70.3	12.9
1808	2010/06/22 05:49:47	0.750	60.9	11.9
1809	2010/06/22 05:49:51	1.000	69.5	12.6
1810	2010/06/22 05:49:57	1.000	65.9	8.0
1811	2010/06/22 05:50:01	0.625	67.6	11.6
1812	2010/06/22 05:50:12	1.000	62.2	7.3
1813	2010/06/22 05:50:24	0.875	68.6	11.8
1814	2010/06/22 05:50:30	1.000	76.8	9.2
1815	2010/06/22 05:50:38	0.875	66.8	10.1
1816	2010/06/22 05:50:40	0.750	62.7	9.1
1817	2010/06/22 05:50:45	0.750	69.8	8.0
1818	2010/06/22 05:50:50	0.625	58.7	9.1
1819	2010/06/22 05:50:58	1.000	60.0	8.0
1820	2010/06/22 05:51:01	0.875	61.9	7.9

1821	2010/06/22 05:51:07	0.750	63.9	8.0
1822	2010/06/22 05:51:32	0.750	66.4	9.9
1823	2010/06/22 05:51:40	1.000	68.1	9.5
1824	2010/06/22 05:51:52	1.000	66.8	7.3
1825	2010/06/22 05:51:55	0.625	75.6	11.4
1826	2010/06/22 05:51:56	0.875	67.1	11.4
1827	2010/06/22 05:52:04	0.750	64.5	11.7
1828	2010/06/22 05:52:06	0.750	56.5	9.7
1829	2010/06/22 05:52:23	0.625	66.3	13.4
1830	2010/06/22 05:52:25	0.625	57.6	14.2
1831	2010/06/22 05:52:44	1.000	68.2	8.7
1832	2010/06/22 05:52:46	0.750	66.2	9.5
1833	2010/06/22 05:53:21	0.875	73.7	6.8
1834	2010/06/22 05:53:30	0.500	70.2	12.5
1835	2010/06/22 05:53:32	0.875	68.6	11.5
1836	2010/06/22 05:53:49	1.000	65.4	7.7
1837	2010/06/22 05:53:53	1.000	61.0	10.3
1838	2010/06/22 05:53:55	1.000	61.8	10.5
1839	2010/06/22 05:53:57	0.625	62.5	11.9
1840	2010/06/22 05:54:03	0.750	60.1	10.1
1841	2010/06/22 05:54:06	1.000	68.7	8.0
1842	2010/06/22 05:54:16	1.000	63.4	10.2
1843	2010/06/22 05:54:21	0.625	74.0	11.5
1844	2010/06/22 05:55:10	0.875	64.8	10.7
1845	2010/06/22 05:55:15	0.875	61.5	7.3
1846	2010/06/22 05:55:16	0.500	59.2	9.1
1847	2010/06/22 05:55:18	0.875	65.1	8.0
1848	2010/06/22 05:55:23	0.625	65.5	8.7
1849	2010/06/22 05:55:25	0.500	69.0	12.5
1850	2010/06/22 05:55:33	0.625	71.2	13.1
1851	2010/06/22 05:55:34	0.625	63.1	13.4
1852	2010/06/22 05:55:40	0.750	64.6	6.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1853	2010/06/22 05:56:22	0.750	78.0	9.3
1854	2010/06/22 05:56:23	0.750	77.1	7.9
1855	2010/06/22 05:57:17	0.750	85.8	11.1
1856	2010/06/22 05:57:22	0.875	78.6	10.5
1857	2010/06/22 05:57:34	0.625	74.9	9.9
1858	2010/06/22 05:57:38	1.000	64.6	8.8
1859	2010/06/22 05:57:43	1.000	69.1	7.3
1860	2010/06/22 05:57:54	0.625	78.1	9.7
1861	2010/06/22 05:57:58	0.875	65.3	8.2
1862	2010/06/22 05:58:00	1.000	59.8	6.5
1863	2010/06/22 05:58:07	0.750	66.2	9.7
1864	2010/06/22 05:58:49	1.000	78.0	9.0
1865	2010/06/22 05:59:20	0.750	64.3	7.6
1866	2010/06/22 05:59:41	0.875	60.6	6.7
1867	2010/06/22 05:59:48	0.875	68.4	8.4
1868	2010/06/22 05:59:54	0.750	60.8	10.2
1869	2010/06/22 06:00:35	0.500	57.2	7.4
1870	2010/06/22 06:00:37	0.875	56.7	8.8
1871	2010/06/22 06:00:55	0.875	60.2	7.2
1872	2010/06/22 06:01:02	0.625	58.1	8.1
1873	2010/06/22 06:01:16	0.875	79.3	8.3
1874	2010/06/22 06:01:38	0.875	65.6	9.8
1875	2010/06/22 06:01:44	0.875	74.7	9.8
1876	2010/06/22 06:01:49	0.750	67.3	11.1
1877	2010/06/22 06:01:58	0.625	80.9	10.2
1878	2010/06/22 06:01:59	0.625	76.5	8.8
1879	2010/06/22 06:02:30	0.750	58.4	8.2
1880	2010/06/22 06:02:38	0.875	69.5	9.0
1881	2010/06/22 06:03:00	0.750	67.2	7.7
1882	2010/06/22 06:03:04	0.625	60.5	9.9
1883	2010/06/22 06:03:28	0.750	81.3	8.7
1884	2010/06/22 06:03:30	0.875	72.6	9.8

1885	2010/06/22 06:03:32	0.625	72.2	7.7
1886	2010/06/22 06:03:34	0.625	59.7	10.1
1887	2010/06/22 06:03:35	0.875	58.5	9.4
1888	2010/06/22 06:05:49	0.875	63.1	7.3
1889	2010/06/22 06:06:14	0.625	74.0	9.7
1890	2010/06/22 06:06:16	0.750	72.0	8.0
1891	2010/06/22 06:06:26	0.750	71.0	8.9
1892	2010/06/22 06:06:29	0.875	59.7	9.1
1893	2010/06/22 06:06:35	0.750	62.6	7.4
1894	2010/06/22 06:06:43	0.875	59.1	9.7
1895	2010/06/22 06:06:46	0.750	60.0	11.0
1896	2010/06/22 06:06:47	1.000	65.1	7.9
1897	2010/06/22 06:08:02	0.750	57.4	11.2
1898	2010/06/22 06:08:20	0.500	55.6	10.7
1899	2010/06/22 06:08:46	0.875	68.2	7.0
1900	2010/06/22 06:08:55	0.750	68.1	9.3
1901	2010/06/22 06:08:57	0.625	61.2	8.7
1902	2010/06/22 06:09:23	1.000	72.2	8.0
1903	2010/06/22 06:09:25	1.000	73.0	6.9
1904	2010/06/22 06:09:29	0.875	67.7	6.2
1905	2010/06/22 06:10:05	0.750	62.3	9.7
1906	2010/06/22 06:10:06	0.750	66.0	11.1
1907	2010/06/22 06:11:04	0.750	81.3	9.9
1908	2010/06/22 06:11:49	0.625	67.1	11.7
1909	2010/06/22 06:12:30	1.000	61.5	10.4
1910	2010/06/22 06:12:35	0.625	62.0	12.5
1911	2010/06/22 06:12:56	1.000	57.5	7.2
1912	2010/06/22 06:13:14	1.000	56.6	9.9
1913	2010/06/22 06:13:44	1.000	72.0	9.5
1914	2010/06/22 06:14:03	0.875	69.4	7.0
1915	2010/06/22 06:14:06	0.750	78.5	8.8
1916	2010/06/22 06:14:11	0.875	71.5	7.8

1917	2010/06/22 06:14:17	1.000	69.0	10.5
1918	2010/06/22 06:14:28	1.000	64.5	8.1
1919	2010/06/22 06:14:29	0.875	62.5	6.2
1920	2010/06/22 06:14:52	0.875	71.1	10.6
1921	2010/06/22 06:15:08	0.875	51.7	7.7
1922	2010/06/22 06:15:11	0.750	60.8	7.2
1923	2010/06/22 06:15:13	1.000	59.1	7.0
1924	2010/06/22 06:15:28	0.875	57.7	6.8
1925	2010/06/22 06:15:51	0.750	63.6	9.4
1926	2010/06/22 06:16:11	1.000	72.7	7.7
1927	2010/06/22 06:16:27	0.500	67.2	9.3
1928	2010/06/22 06:16:39	0.500	60.2	10.1
1929	2010/06/22 06:16:41	0.875	55.0	9.9
1930	2010/06/22 06:17:07	0.750	81.1	11.0
1931	2010/06/22 06:17:11	0.750	74.7	10.1
1932	2010/06/22 06:17:48	0.750	60.3	7.5
1933	2010/06/22 06:19:11	0.625	68.4	11.0
1934	2010/06/22 06:19:13	0.750	73.0	10.4
1935	2010/06/22 06:19:16	0.625	73.6	9.1
1936	2010/06/22 06:19:21	0.625	63.7	11.2
1937	2010/06/22 06:19:33	1.000	69.5	7.5
1938	2010/06/22 06:19:59	1.000	76.2	6.6
1939	2010/06/22 06:20:02	0.750	75.9	9.4
1940	2010/06/22 06:20:27	0.875	62.0	7.1
1941	2010/06/22 06:20:32	1.000	81.1	11.2
1942	2010/06/22 06:20:35	0.750	76.3	10.6
1943	2010/06/22 06:20:55	0.750	79.8	9.8
1944	2010/06/22 06:20:58	0.750	86.4	8.8
1945	2010/06/22 06:21:03	1.000	69.7	7.5
1946	2010/06/22 06:21:29	0.875	68.0	8.7
1947	2010/06/22 06:21:49	1.000	66.0	8.1
1948	2010/06/22 06:23:07	0.625	67.2	10.8

1949	2010/06/22 06:23:59	0.875	63.4	7.8
1950	2010/06/22 06:24:02	0.875	69.2	9.0
1951	2010/06/22 06:24:18	1.000	79.8	9.3
1952	2010/06/22 06:24:42	0.875	75.9	11.8
1953	2010/06/22 06:25:20	1.000	65.8	7.9
1954	2010/06/22 06:25:29	0.750	76.9	10.7
1955	2010/06/22 06:25:32	1.000	69.1	8.8
1956	2010/06/22 06:25:36	0.875	63.2	8.9
1957	2010/06/22 06:25:41	0.500	67.2	12.6
1958	2010/06/22 06:26:05	1.000	59.9	8.9
1959	2010/06/22 06:26:16	1.000	66.8	9.6
1960	2010/06/22 06:26:27	0.750	56.3	10.2
1961	2010/06/22 06:26:37	0.875	61.0	6.2
1962	2010/06/22 06:26:46	1.000	63.5	9.4
1963	2010/06/22 06:27:32	1.000	68.0	8.4
1964	2010/06/22 06:28:01	1.000	67.5	6.7
1965	2010/06/22 06:28:44	1.000	65.9	8.0
1966	2010/06/22 06:29:41	0.750	57.4	8.6
1967	2010/06/22 06:29:50	1.000	63.3	7.7
1968	2010/06/22 06:30:18	0.875	63.7	6.4
1969	2010/06/22 06:30:31	0.750	60.3	9.7
1970	2010/06/22 06:31:10	0.875	56.8	8.0
1971	2010/06/22 06:31:48	1.000	67.5	12.4
1972	2010/06/22 06:32:17	0.875	77.8	10.3
1973	2010/06/22 06:32:50	0.875	63.0	7.2
1974	2010/06/22 06:33:55	0.875	58.6	7.9
1975	2010/06/22 06:34:06	0.875	60.4	6.9
1976	2010/06/22 06:34:52	0.625	57.0	11.7
1977	2010/06/22 06:35:12	0.875	64.4	7.9
1978	2010/06/22 06:35:46	0.625	78.0	11.1
1979	2010/06/22 06:35:53	1.000	63.0	7.6
1980	2010/06/22 06:37:36	0.625	76.7	11.9



1981	2010/06/22 06:37:45	0.875	65.8	10.3
1982	2010/06/22 06:39:18	1.000	62.2	7.1
1983	2010/06/22 06:39:30	0.750	67.9	6.7
1984	2010/06/22 06:39:31	0.625	62.5	6.8
1985	2010/06/22 06:40:20	0.625	77.6	9.6
1986	2010/06/22 06:40:32	1.000	74.1	7.7
1987	2010/06/22 06:40:35	0.750	75.4	10.2
1988	2010/06/22 06:40:40	0.625	76.9	11.4
1989	2010/06/22 06:40:42	1.000	76.7	9.2
1990	2010/06/22 06:40:59	0.750	71.5	10.9
1991	2010/06/22 06:41:08	0.875	72.9	8.8
1992	2010/06/22 06:41:17	0.625	64.7	12.0
1993	2010/06/22 06:41:18	0.750	69.6	10.5
1994	2010/06/22 06:41:21	1.000	78.7	10.3
1995	2010/06/22 06:41:31	0.875	64.4	10.1
1996	2010/06/22 06:41:35	0.750	64.1	10.1
1997	2010/06/22 06:42:48	1.000	77.1	7.5
1998	2010/06/22 06:43:00	0.625	77.1	8.9
1999	2010/06/22 06:43:05	1.000	79.0	9.4
2000	2010/06/22 06:43:10	0.750	62.2	7.9
2001	2010/06/22 06:43:16	0.750	66.5	9.3
2002	2010/06/22 06:43:20	0.875	65.6	7.0
2003	2010/06/22 06:43:37	1.000	61.3	6.4
2004	2010/06/22 06:43:51	1.000	56.9	10.1
2005	2010/06/22 06:44:05	1.000	59.7	6.6
2006	2010/06/22 06:44:13	0.625	76.1	10.6
2007	2010/06/22 06:44:20	0.875	63.8	10.4
2008	2010/06/22 06:44:27	0.875	63.6	10.8
2009	2010/06/22 06:45:05	1.000	77.5	9.6
2010	2010/06/22 06:45:06	0.875	73.7	9.4
2011	2010/06/22 06:45:10	1.000	72.2	10.4
2012	2010/06/22 06:45:15	1.000	65.9	10.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2013	2010/06/22 06:45:22	0.625	65.9	10.5
2014	2010/06/22 06:45:26	0.750	69.9	9.6
2015	2010/06/22 06:45:28	1.000	70.3	7.0
2016	2010/06/22 06:45:54	1.000	81.0	10.5
2017	2010/06/22 06:46:00	0.625	76.8	8.3
2018	2010/06/22 06:46:14	0.625	74.5	10.8
2019	2010/06/22 06:46:49	0.750	72.2	7.5
2020	2010/06/22 06:46:53	0.625	75.7	10.7
2021	2010/06/22 06:47:36	1.000	78.8	10.4
2022	2010/06/22 06:47:41	1.000	70.5	7.1
2023	2010/06/22 06:47:54	1.000	69.8	8.5
2024	2010/06/22 06:48:44	0.625	61.8	11.4
2025	2010/06/22 06:49:10	0.500	70.8	10.7
2026	2010/06/22 06:49:46	0.500	79.3	11.1
2027	2010/06/22 06:50:01	0.750	69.2	11.4
2028	2010/06/22 06:50:19	0.750	72.4	11.0
2029	2010/06/22 06:50:32	0.875	64.8	8.6
2030	2010/06/22 06:50:52	0.625	83.8	11.2
2031	2010/06/22 06:51:40	0.750	68.0	9.6
2032	2010/06/22 06:53:10	1.000	67.6	6.6
2033	2010/06/22 06:53:27	0.875	70.1	8.7
2034	2010/06/22 06:53:36	1.000	64.2	9.6
2035	2010/06/22 06:54:42	0.625	79.9	11.2
2036	2010/06/22 06:55:33	0.750	75.6	11.7
2037	2010/06/22 06:55:34	1.000	76.5	8.9
2038	2010/06/22 06:55:35	0.625	78.7	10.5
2039	2010/06/22 06:56:37	0.625	68.7	11.5
2040	2010/06/22 06:56:39	0.625	75.2	11.0
2041	2010/06/22 06:56:41	0.625	78.1	10.1
2042	2010/06/22 06:56:43	1.000	80.3	9.5
2043	2010/06/22 06:56:46	0.625	68.5	8.3
2044	2010/06/22 06:56:48	0.750	72.0	9.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2045	2010/06/22 06:56:53	0.625	74.7	10.7
2046	2010/06/22 06:56:59	0.750	67.5	8.5
2047	2010/06/22 06:57:19	0.875	78.2	10.3
2048	2010/06/22 06:57:20	0.875	77.1	9.5
2049	2010/06/22 06:57:22	0.750	67.0	9.0
2050	2010/06/22 06:57:40	0.625	64.7	11.2
2051	2010/06/22 06:57:41	0.875	70.5	10.1
2052	2010/06/22 06:57:44	0.875	74.8	9.2
2053	2010/06/22 06:57:47	0.750	75.6	6.1
2054	2010/06/22 06:57:57	0.625	69.0	10.7
2055	2010/06/22 06:58:03	0.875	72.6	10.7
2056	2010/06/22 06:58:18	0.875	69.2	10.3
2057	2010/06/22 06:58:39	1.000	65.3	8.9
2058	2010/06/22 06:58:45	0.625	82.8	13.0
2059	2010/06/22 06:58:46	0.750	82.6	10.1
2060	2010/06/22 06:58:47	0.500	83.1	10.9
2061	2010/06/22 06:58:57	0.500	82.3	11.8
2062	2010/06/22 06:58:58	0.625	73.5	12.0
2063	2010/06/22 06:59:47	0.875	73.2	12.1
2064	2010/06/22 06:59:51	0.500	79.2	10.1
2065	2010/06/22 06:59:59	0.500	80.1	12.7
2066	2010/06/22 07:00:02	0.750	65.3	11.8
2067	2010/06/22 07:00:08	0.625	72.7	8.3
2068	2010/06/22 07:00:19	1.000	78.5	8.3
2069	2010/06/22 07:00:23	1.000	78.7	9.3
2070	2010/06/22 07:00:30	0.875	79.8	10.3
2071	2010/06/22 07:00:42	0.750	76.1	10.3
2072	2010/06/22 07:00:56	1.000	73.6	7.3
2073	2010/06/22 07:01:00	0.875	74.6	9.3
2074	2010/06/22 07:01:09	0.875	80.6	10.0
2075	2010/06/22 07:01:10	0.750	78.6	8.7
2076	2010/06/22 07:01:15	0.625	81.9	12.7

2077	2010/06/22 07:01:49	0.750	71.7	11.1
2078	2010/06/22 07:01:59	0.625	81.4	12.7
2079	2010/06/22 07:02:15	0.625	68.3	11.4
2080	2010/06/22 07:02:39	0.875	74.5	10.3
2081	2010/06/22 07:02:41	0.750	75.0	10.2
2082	2010/06/22 07:02:44	0.500	77.0	12.6
2083	2010/06/22 07:02:50	0.625	84.5	13.0
2084	2010/06/22 07:02:58	0.625	74.2	12.1
2085	2010/06/22 07:03:21	0.625	67.8	9.2
2086	2010/06/22 07:03:27	0.500	76.3	13.0
2087	2010/06/22 07:03:30	0.875	69.4	8.8
2088	2010/06/22 07:03:44	0.750	68.3	6.4
2089	2010/06/22 07:03:45	0.875	65.8	7.8
2090	2010/06/22 07:04:01	0.500	70.7	11.7
2091	2010/06/22 07:05:23	0.625	73.0	12.9
2092	2010/06/22 07:05:51	0.625	71.8	12.6
2093	2010/06/22 07:05:53	0.750	65.3	13.2
2094	2010/06/22 07:06:01	0.750	75.0	10.0
2095	2010/06/22 07:06:10	0.625	70.6	12.7
2096	2010/06/22 07:06:11	0.750	63.0	12.9
2097	2010/06/22 07:06:13	0.625	79.1	12.4
2098	2010/06/22 07:06:58	0.750	71.7	9.2
2099	2010/06/22 07:07:02	0.500	76.0	11.0
2100	2010/06/22 07:07:04	0.875	80.8	8.3
2101	2010/06/22 07:07:07	0.500	80.2	10.1
2102	2010/06/22 07:07:09	0.750	85.1	10.7
2103	2010/06/22 07:07:10	0.500	90.2	11.8
2104	2010/06/22 07:07:12	0.750	85.2	10.7
2105	2010/06/22 07:07:40	0.875	66.3	11.1
2106	2010/06/22 07:07:48	0.625	80.2	13.1
2107	2010/06/22 07:07:59	0.750	60.7	11.1
2108	2010/06/22 07:08:07	0.625	71.8	10.2

2109	2010/06/22 07:08:12	0.875	67.0	11.9
2110	2010/06/22 07:08:26	0.625	70.4	13.0
2111	2010/06/22 07:08:44	0.750	66.3	7.9
2112	2010/06/22 07:08:52	0.750	68.7	10.4
2113	2010/06/22 07:09:01	0.750	68.4	11.1
2114	2010/06/22 07:09:03	0.750	66.4	10.4
2115	2010/06/22 07:09:21	0.625	61.6	10.5
2116	2010/06/22 07:09:52	0.750	71.7	8.4
2117	2010/06/22 07:12:15	0.625	78.4	10.7
2118	2010/06/22 07:12:16	0.875	83.6	8.9
2119	2010/06/22 07:12:18	0.750	72.6	9.5
2120	2010/06/22 07:12:22	0.625	94.7	10.2
2121	2010/06/22 07:13:11	0.625	80.6	12.5
2122	2010/06/22 07:13:40	0.750	76.3	10.7
2123	2010/06/22 07:13:54	0.875	76.2	11.4
2124	2010/06/22 07:14:36	0.625	77.6	11.9
2125	2010/06/22 07:15:01	0.750	83.2	10.5
2126	2010/06/22 07:15:15	0.875	87.8	8.6
2127	2010/06/22 07:15:18	1.000	79.0	6.9
2128	2010/06/22 07:15:35	0.500	81.8	13.7
2129	2010/06/22 07:15:39	1.000	73.4	8.2
2130	2010/06/22 07:15:44	0.500	78.3	11.6
2131	2010/06/22 07:16:31	0.625	82.1	9.4
2132	2010/06/22 07:16:32	0.625	84.9	9.9
2133	2010/06/22 07:18:22	0.500	89.1	11.8
2134	2010/06/22 07:18:55	0.875	74.8	7.7
2135	2010/06/22 07:20:27	0.750	72.3	10.4
2136	2010/06/22 07:24:45	0.875	80.0	10.1
2137	2010/06/22 07:25:58	1.000	79.9	7.4
2138	2010/06/22 07:27:27	0.875	80.3	8.4
2139	2010/06/22 07:27:32	0.625	89.7	10.5
2140	2010/06/22 07:30:00	0.625	82.1	10.5

2141	2010/06/22 07:30:38	0.875	77.5	7.7
2142	2010/06/22 07:31:18	0.625	84.9	10.5
2143	2010/06/22 07:32:20	0.750	84.6	10.0
2144	2010/06/22 07:32:51	0.625	76.7	12.5
2145	2010/06/22 07:33:09	1.000	71.4	7.4
2146	2010/06/22 07:33:10	0.875	58.6	8.1
2147	2010/06/22 07:33:17	0.625	58.0	7.4
2148	2010/06/22 07:33:22	0.625	84.1	10.4
2149	2010/06/22 07:33:31	0.875	76.2	11.0
2150	2010/06/22 07:34:25	0.625	76.6	12.1
2151	2010/06/22 07:34:55	0.750	75.8	8.4
2152	2010/06/22 07:35:05	0.750	72.7	10.7
2153	2010/06/22 07:35:06	0.875	81.9	6.2
2154	2010/06/22 07:35:35	0.750	73.4	10.6
2155	2010/06/22 07:35:36	1.000	75.7	6.4
2156	2010/06/22 07:35:53	0.625	78.3	8.9
2157	2010/06/22 07:35:54	0.500	78.5	10.2
2158	2010/06/22 07:36:05	0.875	79.2	9.4
2159	2010/06/22 07:36:08	1.000	84.3	12.1
2160	2010/06/22 07:36:18	0.875	74.7	6.7
2161	2010/06/22 07:36:21	0.750	82.0	6.8
2162	2010/06/22 07:37:14	0.750	71.6	9.2
2163	2010/06/22 07:37:27	0.500	81.2	12.4
2164	2010/06/22 07:37:45	0.625	84.7	10.8
2165	2010/06/22 07:37:47	0.750	69.5	12.8
2166	2010/06/22 07:37:49	0.625	91.0	10.8
2167	2010/06/22 07:37:53	0.625	83.2	12.0
2168	2010/06/22 07:37:55	0.625	66.7	13.7
2169	2010/06/22 07:37:58	0.500	90.4	11.8
2170	2010/06/22 07:38:04	0.625	67.8	16.3
2171	2010/06/22 07:38:06	0.625	68.9	11.0
2172	2010/06/22 07:38:10	0.625	74.7	11.8

2173	2010/06/22 07:38:19	1.000	48.0	9.1
2174	2010/06/22 07:38:32	0.625	78.3	12.4
2175	2010/06/22 07:38:40	0.875	64.1	11.4
2176	2010/06/22 07:38:43	0.750	71.2	11.4
2177	2010/06/22 07:38:45	0.750	62.9	11.6
2178	2010/06/22 07:38:46	1.000	58.5	11.8
2179	2010/06/22 07:38:49	0.500	59.8	9.3
2180	2010/06/22 07:38:51	0.875	61.9	7.4
2181	2010/06/22 07:39:00	0.625	62.6	10.5
2182	2010/06/22 07:39:03	0.875	71.4	9.4
2183	2010/06/22 07:39:05	0.875	59.4	10.5
2184	2010/06/22 07:39:10	0.750	63.3	8.4
2185	2010/06/22 07:39:18	1.000	63.4	12.0
2186	2010/06/22 07:39:22	0.625	68.6	11.3
2187	2010/06/22 07:39:23	0.625	81.5	12.6
2188	2010/06/22 07:39:24	0.625	77.4	11.7
2189	2010/06/22 07:39:26	0.625	71.4	10.7
2190	2010/06/22 07:39:30	0.625	70.6	8.9
2191	2010/06/22 07:39:32	0.625	81.9	11.6
2192	2010/06/22 07:39:32	0.625	78.7	9.8
2193	2010/06/22 07:39:36	0.750	61.6	13.1
2194	2010/06/22 07:39:40	0.500	78.0	12.0
2195	2010/06/22 07:39:52	0.875	65.8	9.9
2196	2010/06/22 07:40:01	0.625	73.8	10.8
2197	2010/06/22 07:40:05	0.750	73.7	10.5
2198	2010/06/22 07:40:07	0.750	74.0	10.2
2199	2010/06/22 07:40:23	1.000	85.2	6.3
2200	2010/06/22 07:40:25	1.000	76.1	7.1
2201	2010/06/22 07:41:08	0.750	69.2	7.3
2202	2010/06/22 07:41:27	0.750	80.9	9.2
2203	2010/06/22 07:42:17	1.000	68.2	9.9
2204	2010/06/22 07:42:24	1.000	66.9	7.5

2205	2010/06/22 07:42:27	0.625	73.9	12.1
2206	2010/06/22 07:42:30	0.625	72.1	11.6
2207	2010/06/22 07:42:33	0.625	79.6	12.5
2208	2010/06/22 07:42:37	0.875	71.9	9.2
2209	2010/06/22 07:42:50	0.875	73.1	10.8
2210	2010/06/22 07:43:00	0.625	67.5	11.1
2211	2010/06/22 07:43:03	0.750	71.2	10.2
2212	2010/06/22 07:43:13	0.625	74.0	11.5
2213	2010/06/22 07:43:14	0.875	69.6	11.0
2214	2010/06/22 07:43:21	0.625	69.3	11.3
2215	2010/06/22 07:43:22	0.750	68.2	10.5
2216	2010/06/22 07:43:24	0.625	77.8	12.3
2217	2010/06/22 07:43:26	0.750	71.0	10.0
2218	2010/06/22 07:43:29	0.750	77.8	11.6
2219	2010/06/22 07:43:33	0.625	71.0	12.9
2220	2010/06/22 07:43:34	0.750	78.4	12.3
2221	2010/06/22 07:43:37	0.750	69.0	11.5
2222	2010/06/22 07:43:43	0.625	77.5	12.9
2223	2010/06/22 07:43:57	0.875	73.0	6.9
2224	2010/06/22 07:44:06	0.625	78.6	13.6
2225	2010/06/22 07:44:17	0.875	67.1	14.7
2226	2010/06/22 07:44:21	1.000	64.2	8.3
2227	2010/06/22 07:44:24	1.000	72.4	11.4
2228	2010/06/22 07:44:26	1.000	74.2	9.0
2229	2010/06/22 07:44:40	0.500	77.0	11.6
2230	2010/06/22 07:44:44	0.625	83.9	12.1
2231	2010/06/22 07:44:49	0.750	84.4	12.1
2232	2010/06/22 07:45:15	0.750	72.2	9.1
2233	2010/06/22 07:45:31	0.625	81.8	11.4
2234	2010/06/22 07:45:46	0.875	76.2	11.1
2235	2010/06/22 07:45:49	0.750	80.1	9.9
2236	2010/06/22 07:46:06	0.875	75.9	9.8



2237	2010/06/22 07:46:09	0.625	81.1	11.9
2238	2010/06/22 07:46:21	0.875	73.6	10.0
2239	2010/06/22 07:46:22	0.750	73.1	9.5
2240	2010/06/22 07:46:29	0.500	76.4	12.0
2241	2010/06/22 07:46:31	0.500	77.8	10.4
2242	2010/06/22 07:46:33	0.625	79.1	11.7
2243	2010/06/22 07:46:35	0.750	76.7	7.6
2244	2010/06/22 07:47:13	1.000	85.5	6.8
2245	2010/06/22 07:47:30	0.625	90.4	12.3
2246	2010/06/22 07:47:39	0.625	76.0	10.8
2247	2010/06/22 07:47:42	0.875	79.6	9.5
2248	2010/06/22 07:48:17	0.750	89.2	10.2
2249	2010/06/22 07:48:22	0.750	82.7	11.0
2250	2010/06/22 07:48:32	1.000	77.2	10.4
2251	2010/06/22 07:48:40	0.875	80.7	11.5
2252	2010/06/22 07:48:58	0.875	76.5	8.1
2253	2010/06/22 07:49:00	0.750	72.5	7.7
2254	2010/06/22 07:49:04	0.750	77.2	10.8
2255	2010/06/22 07:51:24	1.000	84.4	7.9
2256	2010/06/22 07:51:52	0.875	71.2	8.0
2257	2010/06/22 07:52:14	0.625	81.1	9.2
2258	2010/06/22 07:52:38	0.625	94.1	12.1
2259	2010/06/22 07:52:52	1.000	77.0	9.6
2260	2010/06/22 07:53:13	0.625	82.0	11.2
2261	2010/06/22 07:53:21	0.625	86.5	12.0
2262	2010/06/22 07:53:44	0.750	83.9	9.3
2263	2010/06/22 07:53:46	0.625	80.2	8.3
2264	2010/06/22 07:54:01	0.500	83.0	13.2
2265	2010/06/22 07:54:23	0.875	78.3	8.3
2266	2010/06/22 07:54:29	0.875	78.5	10.7
2267	2010/06/22 07:55:50	1.000	87.6	11.6
2268	2010/06/22 07:55:59	0.750	78.5	7.4

2269	2010/06/22 07:56:18	0.875	74.1	9.5
2270	2010/06/22 07:56:22	0.750	78.0	10.6
2271	2010/06/22 07:56:45	0.500	80.8	12.1
2272	2010/06/22 07:56:51	0.875	76.8	9.6
2273	2010/06/22 07:56:54	0.625	73.7	11.3
2274	2010/06/22 07:56:59	1.000	70.1	10.8
2275	2010/06/22 07:57:01	0.625	75.1	9.4
2276	2010/06/22 07:57:02	0.875	74.3	6.4
2277	2010/06/22 07:58:10	0.875	80.7	8.7
2278	2010/06/22 07:58:15	0.875	80.1	8.0
2279	2010/06/22 07:59:19	0.625	86.0	10.1
2280	2010/06/22 07:59:20	0.875	78.4	10.6
2281	2010/06/22 07:59:31	1.000	81.4	7.8
2282	2010/06/22 07:59:35	0.625	82.2	7.2
2283	2010/06/22 07:59:41	0.625	82.3	12.2
2284	2010/06/22 07:59:59	0.750	81.3	9.2
2285	2010/06/22 08:00:00	0.500	76.9	8.1
2286	2010/06/22 08:00:01	0.750	83.3	10.7
2287	2010/06/22 08:00:02	0.750	88.6	10.0
2288	2010/06/22 08:00:04	0.625	74.7	11.3
2289	2010/06/22 08:00:10	1.000	93.3	11.0
2290	2010/06/22 08:00:19	0.625	82.7	11.6
2291	2010/06/22 08:00:21	0.625	80.6	9.5
2292	2010/06/22 08:00:24	0.750	86.8	10.8
2293	2010/06/22 08:00:26	0.500	84.4	9.9
2294	2010/06/22 08:00:42	1.000	77.5	9.1
2295	2010/06/22 08:01:00	0.625	84.9	11.2
2296	2010/06/22 08:01:03	1.000	80.8	8.5
2297	2010/06/22 08:01:12	1.000	80.8	10.6
2298	2010/06/22 08:01:23	0.750	81.7	11.5
2299	2010/06/22 08:02:02	0.750	75.5	10.9
2300	2010/06/22 08:03:02	0.750	75.1	9.7

2301	2010/06/22 08:04:25	0.500	85.7	13.0
2302	2010/06/22 08:05:42	1.000	75.9	9.9
2303	2010/06/22 08:06:32	1.000	72.6	9.3
2304	2010/06/22 08:06:53	0.875	75.6	8.4
2305	2010/06/22 08:08:58	1.000	70.5	8.1
2306	2010/06/22 08:09:55	0.875	77.6	9.9
2307	2010/06/22 08:09:56	1.000	81.6	9.4
2308	2010/06/22 08:10:12	0.875	76.7	8.8
2309	2010/06/22 08:11:41	0.625	76.8	11.8
2310	2010/06/22 08:11:45	1.000	73.4	8.0
2311	2010/06/22 08:12:00	0.875	82.0	10.5
2312	2010/06/22 08:12:02	0.750	72.8	10.3
2313	2010/06/22 08:12:41	0.875	66.5	9.5
2314	2010/06/22 08:12:49	0.875	66.4	8.6
2315	2010/06/22 08:12:58	0.750	77.6	9.7
2316	2010/06/22 08:13:05	1.000	69.8	6.4
2317	2010/06/22 08:13:06	1.000	75.4	9.5
2318	2010/06/22 08:13:21	0.750	74.4	9.7
2319	2010/06/22 08:13:26	0.750	78.4	11.8
2320	2010/06/22 08:13:30	1.000	70.3	8.4
2321	2010/06/22 08:13:34	0.875	73.5	9.7
2322	2010/06/22 08:13:38	0.750	78.6	11.2
2323	2010/06/22 08:14:01	0.750	71.6	10.9
2324	2010/06/22 08:14:34	0.875	67.9	9.2
2325	2010/06/22 08:15:01	0.875	68.1	7.5
2326	2010/06/22 08:15:18	1.000	82.8	11.9
2327	2010/06/22 08:16:02	0.875	72.2	8.1
2328	2010/06/22 08:17:54	1.000	72.2	8.6
2329	2010/06/22 08:18:57	0.750	81.6	12.2
2330	2010/06/22 08:19:26	0.750	87.9	10.2
2331	2010/06/22 08:19:58	0.875	69.4	9.0
2332	2010/06/22 08:20:02	0.625	71.1	10.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2333	2010/06/22 08:20:44	0.750	71.2	8.8
2334	2010/06/22 08:21:01	0.875	83.8	10.4
2335	2010/06/22 08:21:05	0.875	72.9	10.1
2336	2010/06/22 08:21:50	1.000	74.2	10.5
2337	2010/06/22 08:21:58	0.750	82.2	11.0
2338	2010/06/22 08:22:02	0.875	78.0	11.2
2339	2010/06/22 08:22:08	0.750	68.9	7.2
2340	2010/06/22 08:22:10	1.000	71.6	10.3
2341	2010/06/22 08:22:17	1.000	75.9	6.7
2342	2010/06/22 08:22:44	0.875	81.4	9.3
2343	2010/06/22 08:22:59	0.750	76.0	7.9
2344	2010/06/22 08:23:21	1.000	82.5	11.7
2345	2010/06/22 08:23:26	1.000	73.8	8.3
2346	2010/06/22 08:23:29	1.000	68.4	7.2
2347	2010/06/22 08:23:30	0.875	69.4	8.9
2348	2010/06/22 08:23:49	0.875	74.0	6.4
2349	2010/06/22 08:24:01	0.750	73.9	11.3
2350	2010/06/22 08:24:11	1.000	80.7	11.7
2351	2010/06/22 08:24:12	0.875	73.7	9.3
2352	2010/06/22 08:24:39	1.000	69.3	9.0
2353	2010/06/22 08:25:21	0.875	75.5	7.1
2354	2010/06/22 08:25:29	1.000	71.5	10.0
2355	2010/06/22 08:25:44	0.750	71.5	7.0
2356	2010/06/22 08:26:06	0.875	74.8	11.2
2357	2010/06/22 08:26:09	0.875	70.4	8.5
2358	2010/06/22 08:26:12	0.875	79.2	8.6
2359	2010/06/22 08:26:15	0.625	77.1	8.9
2360	2010/06/22 08:26:20	0.625	77.7	10.5
2361	2010/06/22 08:26:23	0.625	80.9	10.8
2362	2010/06/22 08:26:27	0.625	74.0	9.2
2363	2010/06/22 08:26:28	1.000	75.4	8.4
2364	2010/06/22 08:26:37	0.750	88.3	9.6

2365	2010/06/22 08:27:12	0.500	94.0	12.8
2366	2010/06/22 08:28:34	0.750	76.4	9.7
2367	2010/06/22 08:28:40	1.000	73.4	10.1
2368	2010/06/22 08:28:58	1.000	80.4	8.7
2369	2010/06/22 08:29:34	1.000	71.4	8.2
2370	2010/06/22 08:29:36	0.750	71.1	8.3
2371	2010/06/22 08:29:55	0.625	77.6	11.1
2372	2010/06/22 08:30:03	1.000	81.2	10.1
2373	2010/06/22 08:30:25	0.875	80.5	7.9
2374	2010/06/22 08:30:35	0.625	87.8	12.2
2375	2010/06/22 08:30:40	0.750	68.4	11.0
2376	2010/06/22 08:30:44	0.750	73.0	11.1
2377	2010/06/22 08:31:06	0.625	81.9	11.9
2378	2010/06/22 08:31:11	0.625	74.3	10.2
2379	2010/06/22 08:31:13	0.750	70.7	9.3
2380	2010/06/22 08:31:33	0.750	70.4	8.1
2381	2010/06/22 08:31:38	0.875	68.2	8.7
2382	2010/06/22 08:32:13	0.750	87.6	10.4
2383	2010/06/22 08:33:27	0.875	80.5	12.1
2384	2010/06/22 08:34:45	0.750	81.0	11.4
2385	2010/06/22 08:35:04	0.875	76.8	11.5
2386	2010/06/22 08:35:13	0.875	77.2	9.2
2387	2010/06/22 08:35:28	0.625	79.6	7.9
2388	2010/06/22 08:36:19	1.000	71.7	8.4
2389	2010/06/22 08:36:52	0.750	79.7	11.5
2390	2010/06/22 08:36:53	0.875	83.2	10.1
2391	2010/06/22 08:37:12	0.625	70.7	9.5
2392	2010/06/22 08:37:40	0.875	79.5	10.3
2393	2010/06/22 08:37:43	0.875	86.7	10.2
2394	2010/06/22 08:37:46	1.000	79.6	8.5
2395	2010/06/22 08:38:33	0.750	68.5	10.2
2396	2010/06/22 08:38:40	1.000	62.5	10.4

2397	2010/06/22 08:38:43	1.000	61.0	7.7
2398	2010/06/22 08:40:58	0.625	77.2	10.1
2399	2010/06/22 08:41:27	0.875	80.3	9.5
2400	2010/06/22 08:42:29	1.000	78.2	7.7
2401	2010/06/22 08:42:30	0.750	78.5	8.9
2402	2010/06/22 08:42:47	0.750	77.9	7.5
2403	2010/06/22 08:43:20	1.000	69.2	11.4
2404	2010/06/22 08:43:27	0.875	80.3	8.3
2405	2010/06/22 08:43:57	0.875	67.0	6.1
2406	2010/06/22 08:43:59	0.750	81.7	11.2
2407	2010/06/22 08:44:22	0.625	79.3	11.2
2408	2010/06/22 08:46:13	0.750	87.7	11.9
2409	2010/06/22 08:46:16	0.875	70.8	12.3
2410	2010/06/22 08:46:35	0.750	65.9	9.0
2411	2010/06/22 08:47:12	0.750	72.1	10.5
2412	2010/06/22 08:47:14	0.625	82.9	11.8
2413	2010/06/22 08:47:16	0.625	69.6	12.6
2414	2010/06/22 08:47:24	0.625	62.6	11.9
2415	2010/06/22 08:47:31	0.750	67.3	10.1
2416	2010/06/22 08:47:42	1.000	72.9	7.2
2417	2010/06/22 08:48:14	0.625	75.0	11.7
2418	2010/06/22 08:48:55	1.000	63.6	6.3
2419	2010/06/22 08:48:58	1.000	83.8	10.0
2420	2010/06/22 08:49:01	1.000	70.6	11.9
2421	2010/06/22 08:49:02	0.750	75.7	9.9
2422	2010/06/22 08:49:06	0.875	74.5	10.2
2423	2010/06/22 08:49:14	0.500	67.8	10.0
2424	2010/06/22 08:49:30	0.625	82.3	11.3
2425	2010/06/22 08:49:40	1.000	62.5	6.3
2426	2010/06/22 08:49:49	0.875	74.6	10.9
2427	2010/06/22 08:49:57	0.875	76.3	11.1
2428	2010/06/22 08:50:01	1.000	74.6	8.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2429	2010/06/22 08:50:27	0.875	80.2	9.5
2430	2010/06/22 08:50:35	0.875	77.3	10.3
2431	2010/06/22 08:50:58	1.000	68.8	9.1
2432	2010/06/22 08:51:25	0.875	73.0	7.7
2433	2010/06/22 08:51:47	0.750	76.5	11.5
2434	2010/06/22 08:52:10	0.750	62.7	8.5
2435	2010/06/22 08:52:24	1.000	62.7	6.3
2436	2010/06/22 08:52:52	0.875	73.2	9.8
2437	2010/06/22 08:54:24	1.000	75.3	6.6
2438	2010/06/22 08:54:59	0.750	67.7	8.3
2439	2010/06/22 08:55:01	1.000	63.1	7.8
2440	2010/06/22 08:55:06	0.750	66.0	8.2
2441	2010/06/22 08:55:38	0.750	76.1	9.8
2442	2010/06/22 08:55:40	0.625	77.7	11.7
2443	2010/06/22 08:56:30	0.750	69.8	9.2
2444	2010/06/22 08:56:46	0.625	81.3	11.0
2445	2010/06/22 08:57:06	0.875	64.6	9.4
2446	2010/06/22 08:57:21	0.875	90.4	10.2
2447	2010/06/22 08:57:37	0.625	67.3	11.2
2448	2010/06/22 08:57:40	0.875	77.6	9.9
2449	2010/06/22 08:58:12	0.875	75.8	7.4
2450	2010/06/22 08:58:25	0.750	75.2	9.2
2451	2010/06/22 08:58:51	0.875	71.0	8.6
2452	2010/06/22 08:59:05	0.750	83.9	12.2
2453	2010/06/22 08:59:08	0.875	74.6	11.4
2454	2010/06/22 08:59:40	1.000	86.8	8.6
2455	2010/06/22 08:59:52	0.625	81.4	11.1
2456	2010/06/22 09:00:26	0.875	78.7	10.4
2457	2010/06/22 09:01:10	0.875	73.0	9.7
2458	2010/06/22 09:01:11	0.875	76.7	8.7
2459	2010/06/22 09:01:17	0.875	72.6	9.0
2460	2010/06/22 09:01:41	0.500	85.2	10.0

2461	2010/06/22 09:01:51	1.000	77.8	7.9
2462	2010/06/22 09:02:28	0.875	73.6	10.0
2463	2010/06/22 09:03:42	1.000	69.4	10.1
2464	2010/06/22 09:03:44	1.000	70.4	8.2
2465	2010/06/22 09:03:46	0.750	73.4	8.8
2466	2010/06/22 09:03:51	0.875	66.2	7.9
2467	2010/06/22 09:04:14	0.750	82.2	11.8
2468	2010/06/22 09:04:21	0.750	67.7	6.3
2469	2010/06/22 09:04:24	0.750	71.1	7.9
2470	2010/06/22 09:04:25	0.875	73.8	9.9
2471	2010/06/22 09:04:50	0.750	79.6	10.9
2472	2010/06/22 09:05:12	0.875	68.2	10.3
2473	2010/06/22 09:05:31	1.000	80.1	8.3
2474	2010/06/22 09:05:36	0.875	79.9	10.1
2475	2010/06/22 09:05:40	0.875	82.3	8.2
2476	2010/06/22 09:06:34	0.875	70.0	7.9
2477	2010/06/22 09:06:51	0.750	75.5	6.9
2478	2010/06/22 09:08:12	0.750	81.9	8.2
2479	2010/06/22 09:08:23	0.625	83.0	11.8
2480	2010/06/22 09:09:10	0.625	80.3	11.0
2481	2010/06/22 09:09:44	0.625	93.8	13.0
2482	2010/06/22 09:10:49	0.750	80.6	12.1
2483	2010/06/22 09:12:16	0.750	82.9	9.1
2484	2010/06/22 09:12:18	0.875	79.0	8.3
2485	2010/06/22 09:12:21	0.875	86.9	11.0
2486	2010/06/22 09:12:27	1.000	75.2	7.1
2487	2010/06/22 09:12:29	1.000	74.9	7.6
2488	2010/06/22 09:12:44	0.750	72.3	10.9
2489	2010/06/22 09:12:49	0.875	74.4	7.7
2490	2010/06/22 09:15:00	0.750	85.0	10.5
2491	2010/06/22 09:15:28	1.000	88.5	10.2
2492	2010/06/22 09:16:28	1.000	75.6	8.9



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2493	2010/06/22 09:17:47	1.000	79.4	7.3
2494	2010/06/22 09:17:58	0.875	79.9	8.2
2495	2010/06/22 09:18:00	0.625	83.0	10.9
2496	2010/06/22 09:18:39	0.875	74.1	7.9
2497	2010/06/22 09:19:15	0.750	93.6	11.4
2498	2010/06/22 09:19:17	0.750	76.9	13.4
2499	2010/06/22 09:19:25	1.000	84.6	9.4
2500	2010/06/22 09:20:18	1.000	81.7	9.6
2501	2010/06/22 09:20:21	0.750	78.4	8.9
2502	2010/06/22 09:20:42	1.000	84.8	9.0
2503	2010/06/22 09:20:56	0.875	81.8	11.2
2504	2010/06/22 09:21:24	1.000	82.4	9.8
2505	2010/06/22 09:21:39	1.000	75.4	6.3
2506	2010/06/22 09:21:59	0.750	76.9	9.2
2507	2010/06/22 09:22:59	0.750	79.6	11.0
2508	2010/06/22 09:23:47	0.750	78.8	11.3
2509	2010/06/22 09:24:02	0.875	86.2	10.1
2510	2010/06/22 09:26:27	0.750	78.3	11.1
2511	2010/06/22 09:27:11	0.875	81.7	10.0
2512	2010/06/22 09:28:32	0.750	78.5	11.0
2513	2010/06/22 09:28:34	0.750	76.2	7.9
2514	2010/06/22 09:28:40	1.000	80.3	8.8
2515	2010/06/22 09:28:44	1.000	83.6	10.9
2516	2010/06/22 09:28:54	0.875	86.1	8.7
2517	2010/06/22 09:31:43	0.625	85.2	10.7
2518	2010/06/22 09:32:40	0.625	81.0	8.7
2519	2010/06/22 09:33:20	0.750	81.6	10.0
2520	2010/06/22 09:35:11	1.000	75.8	6.6
2521	2010/06/22 09:35:22	0.875	83.1	9.4
2522	2010/06/22 09:35:38	0.750	83.6	11.3
2523	2010/06/22 09:36:46	0.875	83.2	10.5
2524	2010/06/22 09:37:03	0.750	82.0	8.6

2525	2010/06/22 09:38:41	0.750	86.8	8.6
2526	2010/06/22 09:40:04	0.750	75.8	9.1
2527	2010/06/22 09:40:50	0.875	81.0	8.9
2528	2010/06/22 09:40:52	0.875	75.1	7.2
2529	2010/06/22 09:41:19	1.000	72.8	7.3
2530	2010/06/22 09:42:12	0.875	78.0	12.3
2531	2010/06/22 09:42:18	0.750	77.1	8.2
2532	2010/06/22 09:42:20	0.750	77.2	10.8
2533	2010/06/22 09:43:12	0.750	76.8	11.0
2534	2010/06/22 09:44:43	0.875	81.6	9.7
2535	2010/06/22 09:48:47	1.000	76.0	9.9
2536	2010/06/22 09:49:00	1.000	69.6	10.0
2537	2010/06/22 09:50:19	0.875	76.5	9.1
2538	2010/06/22 09:50:22	1.000	80.1	10.8
2539	2010/06/22 09:51:27	0.875	66.1	7.4
2540	2010/06/22 09:53:27	0.750	89.6	7.9
2541	2010/06/22 09:54:40	0.625	82.5	12.8
2542	2010/06/22 09:54:50	0.750	79.8	12.2
2543	2010/06/22 09:54:53	0.750	93.1	13.5
2544	2010/06/22 09:54:54	1.000	90.5	9.8
2545	2010/06/22 09:54:58	0.875	89.3	8.2
2546	2010/06/22 09:54:59	0.750	88.9	8.3
2547	2010/06/22 09:55:06	0.625	92.8	12.0
2548	2010/06/22 09:55:17	0.750	71.8	10.6
2549	2010/06/22 09:55:32	0.875	74.1	8.4
2550	2010/06/22 09:55:41	0.625	72.6	11.7
2551	2010/06/22 09:55:43	0.750	80.6	10.2
2552	2010/06/22 09:55:44	0.500	85.9	13.2
2553	2010/06/22 09:55:56	0.625	81.6	12.8
2554	2010/06/22 09:55:59	0.750	72.5	12.9
2555	2010/06/22 09:56:28	0.500	76.4	12.2
2556	2010/06/22 09:56:46	1.000	77.1	8.6

 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2557	2010/06/22 09:56:58	0.625	68.1	10.4
2558	2010/06/22 09:57:17	0.750	67.3	9.7
2559	2010/06/22 09:57:56	0.750	78.5	10.9
2560	2010/06/22 09:57:59	0.875	72.0	9.1
2561	2010/06/22 09:58:06	0.625	79.1	11.6
2562	2010/06/22 09:58:37	0.625	78.1	11.6
2563	2010/06/22 09:58:51	1.000	85.6	7.4
2564	2010/06/22 10:00:19	1.000	72.6	8.2
2565	2010/06/22 10:01:07	0.625	73.2	12.1
2566	2010/06/22 10:02:06	1.000	76.9	11.1
2567	2010/06/22 10:02:25	0.875	80.2	8.7
2568	2010/06/22 10:02:46	0.875	74.2	8.7
2569	2010/06/22 10:04:20	0.875	77.5	10.3
2570	2010/06/22 10:04:21	0.875	73.6	8.5
2571	2010/06/22 10:04:45	0.750	71.7	8.1
2572	2010/06/22 10:05:07	0.875	70.6	9.3
2573	2010/06/22 10:05:10	1.000	70.0	7.6
2574	2010/06/22 10:05:37	0.875	71.3	8.0
2575	2010/06/22 10:07:39	0.875	78.4	10.2
2576	2010/06/22 10:10:07	0.875	78.6	11.1
2577	2010/06/22 10:12:16	0.750	79.7	8.0
2578	2010/06/22 10:12:30	0.875	82.5	9.4
2579	2010/06/22 10:12:57	0.750	73.1	8.2
2580	2010/06/22 10:13:28	1.000	85.0	9.5
2581	2010/06/22 10:13:29	0.750	79.4	9.0
2582	2010/06/22 10:13:40	0.625	82.4	11.4
2583	2010/06/22 10:13:56	0.750	86.4	10.8
2584	2010/06/22 10:13:59	0.875	76.6	9.8
2585	2010/06/22 10:14:25	0.625	75.6	10.4
2586	2010/06/22 10:16:30	1.000	77.0	10.7
2587	2010/06/22 10:17:35	0.625	81.5	9.6
2588	2010/06/22 10:17:58	0.875	75.7	9.0

2589	2010/06/22 10:18:59	0.875	78.2	9.6
2590	2010/06/22 10:19:00	0.625	82.3	10.0
2591	2010/06/22 10:19:02	0.625	79.8	7.9
2592	2010/06/22 10:19:04	0.750	78.4	8.1
2593	2010/06/22 10:19:06	0.875	77.0	7.0
2594	2010/06/22 10:19:09	0.625	79.5	9.5
2595	2010/06/22 10:19:10	0.750	79.3	8.3
2596	2010/06/22 10:19:39	1.000	72.1	10.1
2597	2010/06/22 10:19:55	0.750	83.7	8.9
2598	2010/06/22 10:23:05	1.000	77.4	7.6
2599	2010/06/22 10:23:21	0.750	85.4	11.6
2600	2010/06/22 10:23:32	0.875	67.2	8.1
2601	2010/06/22 10:23:35	1.000	75.0	10.6
2602	2010/06/22 10:23:50	0.750	81.5	9.3
2603	2010/06/22 10:23:58	1.000	69.2	9.1
2604	2010/06/22 10:24:03	0.875	68.5	8.7
2605	2010/06/22 10:24:44	1.000	77.5	9.9
2606	2010/06/22 10:24:56	1.000	77.4	10.0
2607	2010/06/22 10:25:11	0.875	82.2	10.7
2608	2010/06/22 10:25:16	0.750	87.8	12.3
2609	2010/06/22 10:25:20	0.625	81.2	11.3
2610	2010/06/22 10:26:07	0.750	71.7	10.7
2611	2010/06/22 10:26:16	0.625	70.0	10.6
2612	2010/06/22 10:26:20	0.875	72.7	6.1
2613	2010/06/22 10:26:21	0.875	73.2	6.9
2614	2010/06/22 10:27:02	0.875	72.0	9.0
2615	2010/06/22 10:28:37	0.750	79.4	7.4
2616	2010/06/22 10:28:48	1.000	79.8	10.1
2617	2010/06/22 10:29:45	0.750	70.4	11.0
2618	2010/06/22 10:30:21	1.000	75.2	9.7
2619	2010/06/22 10:31:33	0.625	75.4	10.4
2620	2010/06/22 10:31:44	0.875	78.8	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2621	2010/06/22 10:32:06	0.750	73.7	9.9
2622	2010/06/22 10:32:13	0.875	79.1	10.7
2623	2010/06/22 10:32:41	1.000	76.7	10.5
2624	2010/06/22 10:32:49	0.750	71.3	11.8
2625	2010/06/22 10:33:25	0.750	76.0	10.5
2626	2010/06/22 10:33:44	0.625	75.3	12.4
2627	2010/06/22 10:33:46	1.000	87.2	10.8
2628	2010/06/22 10:34:45	0.875	62.9	9.3
2629	2010/06/22 10:36:15	0.625	67.2	9.3
2630	2010/06/22 10:36:54	0.875	66.8	8.7
2631	2010/06/22 10:37:40	0.750	77.3	9.8
2632	2010/06/22 10:38:01	1.000	82.1	10.8
2633	2010/06/22 10:38:46	0.750	75.6	11.1
2634	2010/06/22 10:38:48	0.875	67.8	9.0
2635	2010/06/22 10:39:03	0.750	89.2	10.9
2636	2010/06/22 10:39:39	1.000	60.9	9.8
2637	2010/06/22 10:40:03	0.875	73.6	9.8
2638	2010/06/22 10:40:10	1.000	86.3	10.0
2639	2010/06/22 10:40:22	0.625	81.4	12.0
2640	2010/06/22 10:40:28	0.625	62.6	12.9
2641	2010/06/22 10:40:30	0.625	78.2	10.1
2642	2010/06/22 10:42:05	1.000	64.7	7.9
2643	2010/06/22 10:42:15	0.875	70.4	12.7
2644	2010/06/22 10:42:24	1.000	62.6	6.1
2645	2010/06/22 10:42:42	1.000	68.0	10.5
2646	2010/06/22 10:42:44	0.625	74.3	9.3
2647	2010/06/22 10:42:52	0.750	73.4	9.3
2648	2010/06/22 10:43:02	0.625	70.0	7.6
2649	2010/06/22 10:43:07	0.750	64.0	9.3
2650	2010/06/22 10:43:12	0.750	81.4	10.3
2651	2010/06/22 10:43:24	1.000	62.3	8.9
2652	2010/06/22 10:44:06	0.875	73.3	10.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2653	2010/06/22 10:44:16	0.625	69.6	10.4
2654	2010/06/22 10:44:24	0.625	85.9	10.6
2655	2010/06/22 10:44:35	1.000	82.0	10.1
2656	2010/06/22 10:44:43	0.750	87.1	11.8
2657	2010/06/22 10:44:50	1.000	68.1	8.1
2658	2010/06/22 10:45:45	0.750	77.3	12.0
2659	2010/06/22 10:45:57	0.875	66.0	9.6
2660	2010/06/22 10:46:25	0.625	69.2	11.0
2661	2010/06/22 10:46:26	0.750	72.3	10.7
2662	2010/06/22 10:46:33	1.000	75.1	10.4
2663	2010/06/22 10:46:45	0.875	61.1	9.3
2664	2010/06/22 10:46:46	0.625	69.3	11.7
2665	2010/06/22 10:47:16	0.750	62.9	9.2
2666	2010/06/22 10:47:19	0.750	73.6	9.6
2667	2010/06/22 10:47:32	0.875	72.4	7.2
2668	2010/06/22 10:48:46	1.000	72.7	7.8
2669	2010/06/22 10:49:38	0.750	76.0	11.4
2670	2010/06/22 10:50:33	0.875	80.2	10.4
2671	2010/06/22 10:50:51	1.000	66.7	8.8
2672	2010/06/22 10:51:26	1.000	62.2	8.1
2673	2010/06/22 10:51:29	0.750	70.5	9.7
2674	2010/06/22 10:51:32	1.000	64.9	7.8
2675	2010/06/22 10:52:27	1.000	76.2	7.9
2676	2010/06/22 10:52:46	0.750	80.1	9.2
2677	2010/06/22 10:52:52	0.750	77.1	10.8
2678	2010/06/22 10:52:56	0.625	71.8	11.3
2679	2010/06/22 10:53:17	1.000	77.4	8.6
2680	2010/06/22 10:53:19	1.000	82.6	9.0
2681	2010/06/22 10:53:23	0.625	67.7	10.4
2682	2010/06/22 10:54:00	1.000	82.6	9.5
2683	2010/06/22 10:54:20	1.000	83.0	10.9
2684	2010/06/22 10:54:45	1.000	72.8	8.6

2685	2010/06/22 10:54:47	0.875	78.2	10.3
2686	2010/06/22 10:54:55	0.875	72.7	9.7
2687	2010/06/22 10:54:56	0.625	74.7	8.8
2688	2010/06/22 10:56:10	0.750	89.4	9.8
2689	2010/06/22 10:56:18	0.750	73.6	8.3
2690	2010/06/22 10:56:26	0.625	74.1	9.9
2691	2010/06/22 10:56:40	0.625	84.8	11.4
2692	2010/06/22 10:57:23	0.625	84.8	12.2
2693	2010/06/22 10:58:46	1.000	68.9	8.5
2694	2010/06/22 10:59:13	1.000	68.9	7.7
2695	2010/06/22 10:59:34	0.625	81.5	11.8
2696	2010/06/22 11:00:07	0.750	78.9	6.4
2697	2010/06/22 11:00:33	0.750	73.5	9.4
2698	2010/06/22 11:00:48	0.875	82.0	11.7
2699	2010/06/22 11:00:56	0.750	81.9	10.8
2700	2010/06/22 11:01:31	0.750	87.8	11.7
2701	2010/06/22 11:01:36	0.750	69.9	10.8
2702	2010/06/22 11:01:37	1.000	75.1	9.6
2703	2010/06/22 11:01:48	0.875	81.3	10.7
2704	2010/06/22 11:01:58	0.750	86.2	11.2
2705	2010/06/22 11:02:02	0.750	74.4	10.0
2706	2010/06/22 11:02:05	1.000	84.7	9.0
2707	2010/06/22 11:02:10	1.000	76.6	6.2
2708	2010/06/22 11:02:31	1.000	81.0	6.7
2709	2010/06/22 11:02:33	0.750	77.3	9.9
2710	2010/06/22 11:02:53	0.750	70.3	10.1
2711	2010/06/22 11:02:58	1.000	75.6	9.1
2712	2010/06/22 11:03:13	1.000	76.8	9.1
2713	2010/06/22 11:03:35	0.625	74.6	10.9
2714	2010/06/22 11:03:50	0.875	78.7	7.8
2715	2010/06/22 11:04:01	0.750	78.3	8.7
2716	2010/06/22 11:04:45	0.750	87.1	11.0

2717	2010/06/22 11:05:14	0.875	84.5	10.3
2718	2010/06/22 11:05:16	0.750	80.9	9.4
2719	2010/06/22 11:05:16	1.000	80.6	7.4
2720	2010/06/22 11:05:18	0.625	79.5	8.8
2721	2010/06/22 11:07:14	1.000	85.1	9.7
2722	2010/06/22 11:09:11	1.000	71.4	10.1
2723	2010/06/22 11:09:29	0.875	79.6	10.5
2724	2010/06/22 11:11:02	0.875	71.1	9.2
2725	2010/06/22 11:11:07	0.750	74.1	10.5
2726	2010/06/22 11:11:42	1.000	73.4	11.2
2727	2010/06/22 11:11:52	1.000	81.4	7.7
2728	2010/06/22 11:12:12	0.875	77.2	11.5
2729	2010/06/22 11:12:46	1.000	69.9	6.5
2730	2010/06/22 11:12:53	0.625	70.0	9.8
2731	2010/06/22 11:12:56	0.625	77.2	13.2
2732	2010/06/22 11:13:00	1.000	77.0	10.9
2733	2010/06/22 11:13:49	0.750	78.6	9.9
2734	2010/06/22 11:14:16	1.000	67.4	10.3
2735	2010/06/22 11:16:27	1.000	70.7	10.7
2736	2010/06/22 11:16:58	0.625	80.5	13.3
2737	2010/06/22 11:16:58	0.750	78.1	10.3
2738	2010/06/22 11:17:01	0.875	81.4	11.4
2739	2010/06/22 11:17:08	0.625	75.0	11.1
2740	2010/06/22 11:17:19	0.875	77.9	12.0
2741	2010/06/22 11:17:39	0.625	79.1	9.8
2742	2010/06/22 11:18:03	0.625	80.7	12.8
2743	2010/06/22 11:21:08	1.000	78.5	9.5
2744	2010/06/22 11:21:26	1.000	75.4	9.5
2745	2010/06/22 11:23:07	0.750	77.2	8.1
2746	2010/06/22 11:24:52	0.750	68.8	9.7
2747	2010/06/22 11:25:28	0.625	70.9	10.3
2748	2010/06/22 11:29:32	0.875	83.1	8.5



2749	2010/06/22 11:30:22	0.625	68.0	9.0
2750	2010/06/22 11:32:06	1.000	77.7	6.4
2751	2010/06/22 11:33:56	0.750	85.3	7.8
2752	2010/06/22 11:35:00	0.750	70.0	9.6
2753	2010/06/22 11:35:45	1.000	83.3	6.9
2754	2010/06/22 11:35:49	0.750	75.8	7.6
2755	2010/06/22 11:36:54	0.875	73.0	10.9
2756	2010/06/22 11:37:07	0.750	76.5	10.9
2757	2010/06/22 11:37:10	0.875	72.0	8.2
2758	2010/06/22 11:37:20	0.625	69.5	10.4
2759	2010/06/22 11:38:00	0.875	64.8	8.8
2760	2010/06/22 11:39:09	0.750	72.0	9.2
2761	2010/06/22 11:39:39	0.750	74.2	9.4
2762	2010/06/22 11:39:42	0.750	82.5	10.8
2763	2010/06/22 11:41:48	0.625	75.9	10.4
2764	2010/06/22 11:41:59	0.875	73.8	11.0
2765	2010/06/22 11:43:47	0.875	77.7	10.3
2766	2010/06/22 11:45:12	0.750	67.2	7.0
2767	2010/06/22 11:48:31	0.875	77.5	10.1
2768	2010/06/22 11:48:55	0.875	79.4	11.9
2769	2010/06/22 11:51:18	0.750	76.1	6.9
2770	2010/06/22 11:51:21	1.000	76.4	6.6
2771	2010/06/22 11:52:23	0.875	83.7	10.7
2772	2010/06/22 11:53:36	0.750	81.3	11.4
2773	2010/06/22 11:54:01	0.875	87.8	12.1
2774	2010/06/22 11:54:17	0.875	81.4	9.6
2775	2010/06/22 11:54:35	1.000	77.4	10.3
2776	2010/06/22 11:54:50	0.750	79.2	10.9
2777	2010/06/22 11:54:59	0.750	77.4	7.9
2778	2010/06/22 11:55:24	0.875	78.3	9.3
2779	2010/06/22 12:02:21	0.875	71.4	9.5
2780	2010/06/22 12:02:22	0.625	89.1	12.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

2781	2010/06/22 12:03:57	0.750	69.2	9.8
2782	2010/06/22 12:04:05	0.750	71.1	9.8
2783	2010/06/22 12:04:11	0.625	86.9	12.2
2784	2010/06/22 12:05:02	1.000	70.0	9.2
2785	2010/06/22 12:05:17	0.875	69.0	10.6
2786	2010/06/22 12:05:32	1.000	71.2	8.8
2787	2010/06/22 12:06:21	0.750	67.7	10.3
2788	2010/06/22 12:07:48	0.750	78.7	10.3
2789	2010/06/22 12:07:51	0.875	74.5	10.3
2790	2010/06/22 12:08:05	0.875	66.9	7.4
2791	2010/06/22 12:08:07	0.625	66.5	10.4
2792	2010/06/22 12:08:24	0.500	70.3	13.6
2793	2010/06/22 12:08:27	0.625	65.9	12.6
2794	2010/06/22 12:08:41	0.625	66.7	12.6
2795	2010/06/22 12:08:53	0.500	67.9	12.5
2796	2010/06/22 12:08:54	0.875	74.4	12.5
2797	2010/06/22 12:08:59	0.625	66.6	9.7
2798	2010/06/22 12:09:01	0.750	69.3	12.4
2799	2010/06/22 12:09:03	0.625	65.6	11.6
2800	2010/06/22 12:09:07	0.625	71.9	12.9
2801	2010/06/22 12:09:12	0.625	68.0	11.3
2802	2010/06/22 12:09:13	0.500	69.9	11.7
2803	2010/06/22 12:09:13	0.625	69.6	10.8
2804	2010/06/22 12:09:16	0.875	71.9	11.6
2805	2010/06/22 12:09:26	0.625	73.7	12.6
2806	2010/06/22 12:09:32	0.875	70.8	8.4
2807	2010/06/22 12:09:35	0.750	68.7	11.3
2808	2010/06/22 12:09:36	1.000	67.1	9.8
2809	2010/06/22 12:09:55	0.875	68.8	9.3
2810	2010/06/22 12:10:01	0.625	68.7	12.5
2811	2010/06/22 12:10:23	0.750	70.2	12.1
2812	2010/06/22 12:10:35	0.500	66.8	11.7

2813	2010/06/22 12:11:22	0.750	64.5	8.3
2814	2010/06/22 12:11:54	0.625	82.2	10.8
2815	2010/06/22 12:12:50	0.875	74.1	12.4
2816	2010/06/22 12:14:03	0.500	77.2	12.9
2817	2010/06/22 12:14:04	0.750	78.0	11.5
2818	2010/06/22 12:14:05	0.625	77.4	11.7
2819	2010/06/22 12:14:09	0.750	70.9	10.1
2820	2010/06/22 12:14:10	0.875	73.5	10.6
2821	2010/06/22 12:14:14	0.500	77.3	13.2
2822	2010/06/22 12:14:18	0.625	69.6	10.3
2823	2010/06/22 12:14:20	0.625	81.7	13.8
2824	2010/06/22 12:14:21	0.625	80.8	11.9
2825	2010/06/22 12:14:26	0.625	72.7	10.4
2826	2010/06/22 12:14:31	0.875	75.6	12.4
2827	2010/06/22 12:14:33	0.625	73.2	9.1
2828	2010/06/22 12:14:34	0.875	74.9	10.9
2829	2010/06/22 12:14:35	0.875	79.1	12.0
2830	2010/06/22 12:14:37	0.875	75.8	9.1
2831	2010/06/22 12:14:41	0.500	79.4	11.9
2832	2010/06/22 12:14:43	0.875	77.1	10.4
2833	2010/06/22 12:14:46	0.625	81.9	11.4
2834	2010/06/22 12:14:52	0.875	74.3	10.6
2835	2010/06/22 12:14:54	0.875	74.2	11.1
2836	2010/06/22 12:15:01	0.875	77.9	12.9
2837	2010/06/22 12:15:08	0.625	78.7	10.1
2838	2010/06/22 12:15:09	0.750	84.3	11.7
2839	2010/06/22 12:15:21	0.875	83.9	11.3
2840	2010/06/22 12:15:27	0.625	87.7	11.9
2841	2010/06/22 12:15:30	0.750	83.7	9.7
2842	2010/06/22 12:15:32	0.750	87.8	11.3
2843	2010/06/22 12:15:33	0.625	79.2	11.4
2844	2010/06/22 12:15:36	1.000	87.9	11.1

2845	2010/06/22 12:15:44	0.625	84.7	12.0
2846	2010/06/22 12:15:45	0.750	88.8	12.6
2847	2010/06/22 12:15:46	0.625	81.2	12.5
2848	2010/06/22 12:15:47	0.750	78.1	12.0
2849	2010/06/22 12:15:48	0.750	93.6	13.7
2850	2010/06/22 12:15:50	1.000	90.5	11.0
2851	2010/06/22 12:15:51	0.625	86.3	9.7
2852	2010/06/22 12:15:53	0.500	84.8	12.1
2853	2010/06/22 12:15:55	0.625	75.6	13.0
2854	2010/06/22 12:15:56	0.500	77.8	12.1
2855	2010/06/22 12:15:59	0.875	81.4	13.3
2856	2010/06/22 12:16:00	0.500	90.9	13.1
2857	2010/06/22 12:16:02	0.750	82.0	11.4
2858	2010/06/22 12:16:03	0.750	81.5	10.2
2859	2010/06/22 12:16:07	0.875	81.2	10.9
2860	2010/06/22 12:16:09	0.750	80.8	10.8
2861	2010/06/22 12:16:15	0.500	78.2	9.6
2862	2010/06/22 12:16:16	0.750	76.3	9.3
2863	2010/06/22 12:16:17	0.500	87.6	13.2
2864	2010/06/22 12:16:18	0.875	76.6	14.1
2865	2010/06/22 12:16:19	0.500	83.8	12.0
2866	2010/06/22 12:16:20	0.500	80.3	10.4
2867	2010/06/22 12:16:21	1.000	76.6	9.7
2868	2010/06/22 12:16:23	0.625	78.7	11.3
2869	2010/06/22 12:16:26	0.625	83.3	13.5
2870	2010/06/22 12:16:28	0.625	74.9	13.6
2871	2010/06/22 12:16:42	0.750	76.5	12.4
2872	2010/06/22 12:16:50	1.000	72.3	10.7
2873	2010/06/22 12:16:56	0.625	73.4	12.9
2874	2010/06/22 12:17:01	0.500	74.8	11.0
2875	2010/06/22 12:17:33	0.625	63.4	12.1
2876	2010/06/22 12:18:25	0.625	65.4	10.6

2877	2010/06/22 12:18:28	0.875	64.2	7.8
2878	2010/06/22 12:18:40	0.875	67.5	10.0
2879	2010/06/22 12:18:54	0.750	63.3	11.9
2880	2010/06/22 12:18:56	0.500	68.8	12.9
2881	2010/06/22 12:19:06	0.750	62.1	11.2
2882	2010/06/22 12:19:09	1.000	62.5	12.2
2883	2010/06/22 12:19:18	1.000	65.8	7.2
2884	2010/06/22 12:19:19	0.750	70.7	7.2
2885	2010/06/22 12:19:20	1.000	63.2	7.0
2886	2010/06/22 12:19:21	0.875	69.5	6.9
2887	2010/06/22 12:19:23	0.875	69.8	6.7
2888	2010/06/22 12:19:27	0.750	66.2	7.6
2889	2010/06/22 12:19:29	0.750	64.5	7.0
2890	2010/06/22 12:19:52	1.000	69.6	11.4
2891	2010/06/22 12:19:59	0.625	72.8	10.4
2892	2010/06/22 12:20:00	0.750	70.2	9.4
2893	2010/06/22 12:20:08	0.875	68.4	11.4
2894	2010/06/22 12:20:11	0.750	74.7	11.6
2895	2010/06/22 12:20:13	1.000	82.1	9.6
2896	2010/06/22 12:21:00	0.875	69.7	8.6
2897	2010/06/22 12:21:04	1.000	70.6	7.5
2898	2010/06/22 12:21:14	0.750	71.8	9.6
2899	2010/06/22 12:21:17	0.875	73.0	10.5
2900	2010/06/22 12:21:55	0.750	77.5	8.7
2901	2010/06/22 12:22:43	0.625	66.5	8.8
2902	2010/06/22 12:23:02	0.750	67.8	6.3
2903	2010/06/22 12:23:57	0.750	69.1	8.4
2904	2010/06/22 12:24:45	0.750	77.7	11.6
2905	2010/06/22 12:24:59	0.750	70.4	10.1
2906	2010/06/22 12:25:01	0.750	68.0	8.3
2907	2010/06/22 12:25:15	0.750	70.6	10.0
2908	2010/06/22 12:25:16	0.750	69.4	10.6

2909	2010/06/22 12:25:18	1.000	67.3	8.3
2910	2010/06/22 12:26:15	0.750	84.9	11.5
2911	2010/06/22 12:26:28	1.000	66.4	9.6
2912	2010/06/22 12:26:41	0.750	66.3	9.7
2913	2010/06/22 12:27:03	0.875	71.7	6.4
2914	2010/06/22 12:27:37	1.000	71.5	6.3
2915	2010/06/22 12:28:46	0.625	84.0	11.7
2916	2010/06/22 12:29:28	0.625	82.2	11.6
2917	2010/06/22 12:30:29	0.875	80.4	10.0
2918	2010/06/22 12:31:56	0.625	83.3	10.4
2919	2010/06/22 12:34:13	0.625	76.8	10.8
2920	2010/06/22 12:34:20	0.750	79.1	8.0
2921	2010/06/22 12:35:19	0.625	77.6	9.0
2922	2010/06/22 12:35:43	1.000	67.0	7.7
2923	2010/06/22 12:39:32	0.750	74.6	11.1
2924	2010/06/22 12:44:01	0.875	71.8	6.8
2925	2010/06/22 12:45:02	0.875	71.0	10.4
2926	2010/06/22 12:46:26	1.000	65.7	8.1
2927	2010/06/22 12:47:47	0.625	70.8	10.2
2928	2010/06/22 12:48:47	0.750	69.6	7.3
2929	2010/06/22 12:48:52	0.750	71.5	10.1
2930	2010/06/22 12:48:55	0.625	69.3	9.4
2931	2010/06/22 12:49:09	0.625	66.2	11.2
2932	2010/06/22 12:49:35	0.625	66.8	11.2
2933	2010/06/22 12:49:48	0.875	67.4	12.0
2934	2010/06/22 12:49:49	1.000	66.3	9.0
2935	2010/06/22 12:50:11	0.750	74.9	8.4
2936	2010/06/22 12:51:00	0.875	66.3	8.0
2937	2010/06/22 12:51:26	0.750	68.1	10.6
2938	2010/06/22 12:51:27	0.875	66.8	9.7
2939	2010/06/22 12:51:38	0.875	69.9	11.2
2940	2010/06/22 12:52:16	0.750	64.2	7.7

2941	2010/06/22 12:52:23	0.875	63.6	7.8
2942	2010/06/22 12:52:32	1.000	66.7	10.4
2943	2010/06/22 12:52:38	0.625	65.6	10.4
2944	2010/06/22 12:52:50	0.625	65.8	10.5
2945	2010/06/22 12:52:50	0.750	61.6	9.4
2946	2010/06/22 12:52:52	0.625	66.1	12.0
2947	2010/06/22 12:53:00	0.625	65.5	12.2
2948	2010/06/22 12:53:23	0.500	62.9	12.4
2949	2010/06/22 12:53:34	0.625	71.9	10.5
2950	2010/06/22 12:53:35	0.500	68.5	10.0
2951	2010/06/22 12:53:52	0.750	58.1	11.4
2952	2010/06/22 12:54:12	0.500	73.6	11.8
2953	2010/06/22 12:54:18	0.625	78.4	10.1
2954	2010/06/22 12:54:21	1.000	65.8	9.9
2955	2010/06/22 12:54:23	0.750	60.3	9.2
2956	2010/06/22 12:55:02	0.625	64.2	13.5
2957	2010/06/22 12:55:26	0.625	57.5	11.0
2958	2010/06/22 12:57:31	0.625	65.3	10.2
2959	2010/06/22 12:57:37	0.750	63.4	9.5
2960	2010/06/22 12:59:00	0.750	66.1	11.8
2961	2010/06/22 12:59:03	1.000	62.7	10.4
2962	2010/06/22 12:59:14	1.000	64.3	9.6
2963	2010/06/22 12:59:24	1.000	65.5	12.2
2964	2010/06/22 12:59:26	0.625	63.6	8.7
2965	2010/06/22 12:59:39	1.000	70.6	11.8
2966	2010/06/22 13:00:02	0.625	62.6	10.7
2967	2010/06/22 13:00:10	0.750	60.5	9.4
2968	2010/06/22 13:00:37	1.000	59.6	8.4
2969	2010/06/22 13:00:41	0.875	64.2	9.8
2970	2010/06/22 13:00:55	0.625	67.8	12.5
2971	2010/06/22 13:01:21	0.625	64.2	9.8
2972	2010/06/22 13:01:37	0.750	64.7	9.6

2973	2010/06/22 13:01:38	0.625	71.9	12.9
2974	2010/06/22 13:02:04	0.625	63.6	12.6
2975	2010/06/22 13:02:07	0.625	61.2	10.9
2976	2010/06/22 13:02:13	0.625	62.8	11.7
2977	2010/06/22 13:02:17	0.750	61.7	9.2
2978	2010/06/22 13:02:19	1.000	63.5	11.3
2979	2010/06/22 13:03:41	0.875	66.2	11.4
2980	2010/06/22 13:04:12	0.625	60.8	12.2
2981	2010/06/22 13:04:13	0.750	66.4	12.5
2982	2010/06/22 13:04:15	1.000	64.5	11.2
2983	2010/06/22 13:04:33	0.875	69.2	10.0
2984	2010/06/22 13:04:35	0.750	64.3	9.5
2985	2010/06/22 13:04:37	0.875	66.6	11.6
2986	2010/06/22 13:04:40	0.625	65.9	12.0
2987	2010/06/22 13:05:00	1.000	67.3	11.3
2988	2010/06/22 13:05:21	0.875	70.1	10.6
2989	2010/06/22 13:05:32	0.625	65.8	12.2
2990	2010/06/22 13:05:42	0.875	70.8	11.3
2991	2010/06/22 13:05:52	0.875	68.8	11.0
2992	2010/06/22 13:06:07	0.875	68.5	9.7
2993	2010/06/22 13:06:09	0.875	68.9	8.8
2994	2010/06/22 13:06:10	0.875	69.8	8.6
2995	2010/06/22 13:06:13	0.500	71.2	11.6
2996	2010/06/22 13:06:22	0.875	74.7	10.5
2997	2010/06/22 13:06:30	0.625	67.8	10.2
2998	2010/06/22 13:06:40	0.625	60.6	12.0
2999	2010/06/22 13:06:42	0.625	63.2	12.3
3000	2010/06/22 13:06:45	0.875	59.5	10.8
3001	2010/06/22 13:06:47	0.750	56.6	9.3
3002	2010/06/22 13:07:00	0.750	60.4	10.4
3003	2010/06/22 13:07:01	0.750	58.9	9.1
3004	2010/06/22 13:07:06	0.625	60.8	11.4



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3005	2010/06/22 13:07:30	1.000	57.7	10.1
3006	2010/06/22 13:07:43	1.000	69.5	6.5
3007	2010/06/22 13:07:48	1.000	76.1	9.8
3008	2010/06/22 13:07:50	0.875	68.0	9.7
3009	2010/06/22 13:07:52	0.625	67.9	11.1
3010	2010/06/22 13:08:12	0.750	59.2	10.8
3011	2010/06/22 13:08:14	0.875	60.2	11.0
3012	2010/06/22 13:08:15	0.625	60.9	10.4
3013	2010/06/22 13:08:37	0.625	60.8	13.2
3014	2010/06/22 13:08:42	1.000	64.7	11.4
3015	2010/06/22 13:09:02	0.625	61.3	12.5
3016	2010/06/22 13:09:03	0.750	56.7	10.5
3017	2010/06/22 13:09:10	0.625	59.3	12.3
3018	2010/06/22 13:09:59	0.750	70.0	8.2
3019	2010/06/22 13:10:01	0.750	72.0	8.6
3020	2010/06/22 13:10:02	0.750	70.2	6.4
3021	2010/06/22 13:11:02	0.750	59.2	9.7
3022	2010/06/22 13:12:30	1.000	56.5	9.1
3023	2010/06/22 13:13:50	0.875	56.0	10.0
3024	2010/06/22 13:13:51	0.625	63.0	11.3
3025	2010/06/22 13:14:07	1.000	63.8	9.0
3026	2010/06/22 13:14:14	0.625	61.9	12.9
3027	2010/06/22 13:14:22	0.750	64.5	10.4
3028	2010/06/22 13:14:34	0.875	58.1	8.6
3029	2010/06/22 13:15:24	0.750	65.7	9.5
3030	2010/06/22 13:16:01	0.625	57.1	11.4
3031	2010/06/22 13:17:21	0.500	61.7	13.6
3032	2010/06/22 13:17:30	0.500	62.0	13.3
3033	2010/06/22 13:17:56	0.625	58.0	12.3
3034	2010/06/22 13:17:58	0.875	56.1	11.5
3035	2010/06/22 13:18:02	0.750	59.8	10.5
3036	2010/06/22 13:18:12	1.000	59.0	10.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3037	2010/06/22 13:18:17	0.625	75.5	10.7
3038	2010/06/22 13:18:29	0.625	59.3	11.2
3039	2010/06/22 13:18:31	0.875	57.6	10.3
3040	2010/06/22 13:18:35	0.625	59.1	12.6
3041	2010/06/22 13:19:02	0.750	69.4	11.4
3042	2010/06/22 13:19:27	0.625	57.4	9.4
3043	2010/06/22 13:19:36	0.500	64.7	12.9
3044	2010/06/22 13:19:49	1.000	62.9	10.3
3045	2010/06/22 13:19:57	0.875	56.5	10.8
3046	2010/06/22 13:20:09	0.500	63.0	11.9
3047	2010/06/22 13:20:10	0.500	69.9	13.2
3048	2010/06/22 13:20:13	0.750	68.6	11.0
3049	2010/06/22 13:20:16	0.625	68.9	12.7
3050	2010/06/22 13:20:19	0.625	71.2	12.1
3051	2010/06/22 13:20:24	0.875	57.5	10.0
3052	2010/06/22 13:20:28	1.000	58.8	8.7
3053	2010/06/22 13:20:33	0.875	58.2	9.3
3054	2010/06/22 13:20:42	0.875	57.2	9.9
3055	2010/06/22 13:20:45	1.000	66.4	11.9
3056	2010/06/22 13:20:49	0.625	71.8	12.2
3057	2010/06/22 13:21:19	1.000	64.3	9.5
3058	2010/06/22 13:21:32	0.875	68.4	11.6
3059	2010/06/22 13:21:41	0.875	57.7	11.0
3060	2010/06/22 13:21:56	0.875	62.4	9.5
3061	2010/06/22 13:22:03	0.750	61.0	10.8
3062	2010/06/22 13:22:14	0.750	61.7	8.7
3063	2010/06/22 13:22:15	1.000	62.0	7.4
3064	2010/06/22 13:22:16	0.875	59.3	7.8
3065	2010/06/22 13:22:25	0.500	59.2	10.2
3066	2010/06/22 13:22:30	0.875	66.7	12.2
3067	2010/06/22 13:22:49	0.750	63.6	9.4
3068	2010/06/22 13:23:04	0.875	65.0	11.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3069	2010/06/22 13:23:12	1.000	59.2	11.0
3070	2010/06/22 13:23:21	0.750	66.8	12.2
3071	2010/06/22 13:23:24	0.625	60.6	10.9
3072	2010/06/22 13:23:38	0.750	58.7	10.9
3073	2010/06/22 13:23:47	0.875	60.5	10.9
3074	2010/06/22 13:23:53	0.500	64.3	11.8
3075	2010/06/22 13:23:59	1.000	59.3	9.6
3076	2010/06/22 13:24:06	0.625	64.5	10.9
3077	2010/06/22 13:24:22	0.750	69.8	12.9
3078	2010/06/22 13:24:28	0.750	62.2	8.2
3079	2010/06/22 13:24:45	0.875	58.8	11.9
3080	2010/06/22 13:24:46	0.750	65.7	10.9
3081	2010/06/22 13:24:57	0.750	70.0	11.0
3082	2010/06/22 13:25:00	1.000	69.6	10.4
3083	2010/06/22 13:25:07	0.750	64.7	10.3
3084	2010/06/22 13:25:14	0.625	71.2	12.4
3085	2010/06/22 13:25:17	0.500	64.0	11.7
3086	2010/06/22 13:25:18	0.875	61.1	9.4
3087	2010/06/22 13:25:22	0.875	66.3	11.2
3088	2010/06/22 13:25:23	1.000	67.1	10.8
3089	2010/06/22 13:25:26	0.875	69.6	12.6
3090	2010/06/22 13:25:31	0.750	61.8	11.4
3091	2010/06/22 13:25:33	0.500	64.4	12.3
3092	2010/06/22 13:25:33	0.500	66.6	12.2
3093	2010/06/22 13:25:37	1.000	65.8	12.7
3094	2010/06/22 13:25:40	0.625	68.0	10.3
3095	2010/06/22 13:25:44	1.000	72.8	13.6
3096	2010/06/22 13:25:46	0.875	69.9	12.4
3097	2010/06/22 13:25:48	0.625	70.4	11.5
3098	2010/06/22 13:25:52	0.875	70.7	10.0
3099	2010/06/22 13:25:53	0.750	67.4	9.5
3100	2010/06/22 13:25:55	1.000	69.9	12.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3101	2010/06/22 13:26:00	0.750	64.2	11.3
3102	2010/06/22 13:26:00	0.875	67.9	9.4
3103	2010/06/22 13:26:03	0.750	65.7	11.2
3104	2010/06/22 13:26:18	0.750	68.4	9.7
3105	2010/06/22 13:26:23	0.875	68.0	9.3
3106	2010/06/22 13:26:28	0.750	72.4	11.8
3107	2010/06/22 13:26:30	0.750	62.9	12.2
3108	2010/06/22 13:26:34	0.625	64.6	11.6
3109	2010/06/22 13:26:36	0.750	68.9	10.7
3110	2010/06/22 13:26:41	0.750	63.2	8.9
3111	2010/06/22 13:26:44	0.500	65.6	11.2
3112	2010/06/22 13:26:55	0.875	62.2	10.6
3113	2010/06/22 13:27:04	0.625	61.0	9.8
3114	2010/06/22 13:27:12	0.875	66.5	11.0
3115	2010/06/22 13:27:36	0.500	68.6	13.5
3116	2010/06/22 13:27:39	0.500	64.3	11.4
3117	2010/06/22 13:27:42	0.750	61.0	11.4
3118	2010/06/22 13:27:45	0.875	65.2	10.6
3119	2010/06/22 13:27:48	0.750	64.5	10.6
3120	2010/06/22 13:27:54	1.000	60.4	10.7
3121	2010/06/22 13:27:57	0.625	57.4	11.1
3122	2010/06/22 13:28:56	0.750	71.7	9.7
3123	2010/06/22 13:29:13	0.875	83.3	6.9
3124	2010/06/22 13:29:19	1.000	61.1	9.2
3125	2010/06/22 13:29:28	0.750	60.3	12.2
3126	2010/06/22 13:29:43	1.000	58.0	10.6
3127	2010/06/22 13:29:45	0.750	70.7	13.3
3128	2010/06/22 13:29:47	1.000	57.9	12.4
3129	2010/06/22 13:30:03	1.000	61.8	7.2
3130	2010/06/22 13:30:34	0.625	73.4	10.8
3131	2010/06/22 13:30:41	0.625	67.9	12.5
3132	2010/06/22 13:30:58	0.625	66.0	10.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3133	2010/06/22 13:31:22	1.000	71.3	7.5
3134	2010/06/22 13:31:35	1.000	78.5	7.8
3135	2010/06/22 13:33:27	0.875	65.4	7.5
3136	2010/06/22 13:34:07	0.750	76.7	10.5
3137	2010/06/22 13:34:13	1.000	65.3	9.0
3138	2010/06/22 13:34:34	0.750	58.0	11.0
3139	2010/06/22 13:34:36	0.625	89.8	8.9
3140	2010/06/22 13:35:22	0.625	77.6	11.1
3141	2010/06/22 13:35:28	0.625	72.3	11.2
3142	2010/06/22 13:36:39	0.750	75.6	11.7
3143	2010/06/22 13:36:42	0.750	61.6	12.0
3144	2010/06/22 13:36:51	0.875	60.5	11.3
3145	2010/06/22 13:37:01	0.750	60.2	8.6
3146	2010/06/22 13:37:04	0.625	72.9	12.0
3147	2010/06/22 13:37:25	0.875	76.7	8.4
3148	2010/06/22 13:37:28	0.875	65.0	8.0
3149	2010/06/22 13:37:53	0.750	67.9	9.5
3150	2010/06/22 13:39:04	0.750	77.4	7.5
3151	2010/06/22 13:39:05	0.875	76.5	6.8
3152	2010/06/22 13:39:08	0.625	70.3	8.3
3153	2010/06/22 13:39:14	0.625	69.9	11.7
3154	2010/06/22 13:39:27	1.000	58.4	8.8
3155	2010/06/22 13:39:29	0.875	59.7	11.7
3156	2010/06/22 13:39:42	1.000	74.0	10.6
3157	2010/06/22 13:39:44	0.750	67.2	9.3
3158	2010/06/22 13:39:57	0.750	89.3	9.8
3159	2010/06/22 13:40:31	1.000	64.5	10.9
3160	2010/06/22 13:41:00	1.000	63.7	10.1
3161	2010/06/22 13:41:23	0.625	60.2	10.9
3162	2010/06/22 13:41:24	0.750	59.6	10.1
3163	2010/06/22 13:41:34	0.625	60.3	11.9
3164	2010/06/22 13:42:03	1.000	61.2	8.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3165	2010/06/22 13:42:09	0.875	60.3	11.2
3166	2010/06/22 13:42:12	0.750	64.0	11.5
3167	2010/06/22 13:42:15	0.750	65.2	10.7
3168	2010/06/22 13:42:17	0.500	64.8	12.0
3169	2010/06/22 13:42:20	0.625	68.3	10.6
3170	2010/06/22 13:42:36	0.875	61.9	10.1
3171	2010/06/22 13:42:40	0.875	63.0	10.3
3172	2010/06/22 13:42:51	0.750	64.1	9.4
3173	2010/06/22 13:42:54	0.750	68.3	10.9
3174	2010/06/22 13:43:02	0.875	65.0	10.3
3175	2010/06/22 13:43:09	0.500	67.3	9.7
3176	2010/06/22 13:43:11	0.875	68.4	11.5
3177	2010/06/22 13:43:13	1.000	62.2	11.2
3178	2010/06/22 13:43:19	1.000	63.7	8.2
3179	2010/06/22 13:43:50	0.750	58.0	11.5
3180	2010/06/22 13:43:54	1.000	61.8	12.5
3181	2010/06/22 13:43:58	0.625	59.8	11.7
3182	2010/06/22 13:44:04	0.750	59.4	11.2
3183	2010/06/22 13:44:05	0.750	63.3	12.5
3184	2010/06/22 13:44:15	1.000	61.5	9.9
3185	2010/06/22 13:44:44	0.750	68.7	11.5
3186	2010/06/22 13:45:12	0.750	69.3	8.0
3187	2010/06/22 13:45:25	0.625	66.9	10.3
3188	2010/06/22 13:45:30	1.000	62.0	9.4
3189	2010/06/22 13:45:35	0.625	59.8	10.8
3190	2010/06/22 13:45:39	0.625	64.0	10.9
3191	2010/06/22 13:45:40	0.500	64.1	11.1
3192	2010/06/22 13:45:49	0.875	61.0	10.9
3193	2010/06/22 13:45:52	0.750	64.4	12.4
3194	2010/06/22 13:45:56	1.000	62.7	9.9
3195	2010/06/22 13:46:12	0.500	67.0	12.6
3196	2010/06/22 13:46:13	0.625	65.2	10.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3197	2010/06/22 13:46:16	0.625	71.9	10.7
3198	2010/06/22 13:46:17	0.875	66.2	8.7
3199	2010/06/22 13:46:24	0.750	66.8	9.0
3200	2010/06/22 13:46:29	1.000	61.1	11.5
3201	2010/06/22 13:46:30	0.500	66.5	12.9
3202	2010/06/22 13:46:33	0.500	69.0	11.0
3203	2010/06/22 13:46:36	0.875	57.1	11.1
3204	2010/06/22 13:46:42	0.500	65.0	12.3
3205	2010/06/22 13:47:30	0.625	68.6	11.9
3206	2010/06/22 13:47:48	1.000	62.0	9.9
3207	2010/06/22 13:48:06	0.625	60.6	12.1
3208	2010/06/22 13:48:08	0.625	60.7	11.3
3209	2010/06/22 13:48:30	0.625	65.7	12.6
3210	2010/06/22 13:48:48	0.875	68.2	11.0
3211	2010/06/22 13:50:49	0.750	79.2	10.9
3212	2010/06/22 13:51:01	0.750	73.3	11.0
3213	2010/06/22 13:51:37	0.625	66.7	11.5
3214	2010/06/22 13:52:11	0.625	60.3	11.9
3215	2010/06/22 13:52:12	0.750	59.5	8.1
3216	2010/06/22 13:52:20	0.625	72.4	9.4
3217	2010/06/22 13:52:21	1.000	64.0	10.2
3218	2010/06/22 13:52:30	0.750	66.1	8.4
3219	2010/06/22 13:52:49	0.875	76.1	10.1
3220	2010/06/22 13:52:58	0.625	67.3	11.1
3221	2010/06/22 13:53:02	0.750	59.6	10.3
3222	2010/06/22 13:53:03	0.875	60.7	8.8
3223	2010/06/22 13:53:05	0.625	68.7	10.8
3224	2010/06/22 13:54:06	0.750	58.4	8.9
3225	2010/06/22 13:54:08	0.625	67.8	10.7
3226	2010/06/22 13:55:20	0.875	75.2	9.6
3227	2010/06/22 13:55:21	0.875	68.8	8.3
3228	2010/06/22 13:56:12	1.000	60.5	8.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3229	2010/06/22 13:56:41	0.750	62.0	10.8
3230	2010/06/22 13:56:43	0.875	56.1	9.5
3231	2010/06/22 13:57:31	0.625	70.7	11.4
3232	2010/06/22 13:57:38	0.500	61.6	11.7
3233	2010/06/22 13:57:38	0.625	64.3	11.3
3234	2010/06/22 13:57:40	0.750	60.3	7.8
3235	2010/06/22 13:57:52	0.750	58.1	10.9
3236	2010/06/22 13:57:55	0.750	74.9	9.2
3237	2010/06/22 13:59:19	0.625	68.7	10.8
3238	2010/06/22 13:59:37	0.875	60.4	9.4
3239	2010/06/22 14:02:29	0.625	78.6	11.0
3240	2010/06/22 14:02:51	0.625	72.9	10.1
3241	2010/06/22 14:03:07	0.750	72.7	9.3
3242	2010/06/22 14:03:32	1.000	77.9	9.9
3243	2010/06/22 14:03:44	0.750	72.4	10.2
3244	2010/06/22 14:05:22	0.750	72.8	10.9
3245	2010/06/22 14:06:19	1.000	71.1	9.1
3246	2010/06/22 14:07:22	0.625	80.7	11.9
3247	2010/06/22 14:07:35	0.875	76.8	6.9
3248	2010/06/22 14:07:47	0.625	72.0	12.4
3249	2010/06/22 14:07:51	0.500	78.9	12.8
3250	2010/06/22 14:07:52	0.625	76.6	11.6
3251	2010/06/22 14:07:55	0.875	79.4	12.6
3252	2010/06/22 14:08:02	0.875	75.3	10.0
3253	2010/06/22 14:08:06	0.875	75.2	11.6
3254	2010/06/22 14:08:07	0.625	74.6	11.3
3255	2010/06/22 14:08:08	0.750	69.5	10.2
3256	2010/06/22 14:08:10	0.625	73.1	10.9
3257	2010/06/22 14:08:24	0.625	70.5	10.2
3258	2010/06/22 14:11:02	0.500	75.4	12.7
3259	2010/06/22 14:11:25	0.875	78.4	10.6
3260	2010/06/22 14:11:48	0.750	69.7	11.5



3261	2010/06/22 14:13:28	0.750	81.0	10.7
3262	2010/06/22 14:14:04	0.875	76.2	9.2
3263	2010/06/22 14:14:43	0.875	73.4	8.2
3264	2010/06/22 14:16:00	1.000	79.1	11.3
3265	2010/06/22 14:17:00	0.750	72.8	9.6
3266	2010/06/22 14:17:20	0.875	79.1	12.5
3267	2010/06/22 14:18:22	0.750	73.4	6.1
3268	2010/06/22 14:18:27	0.875	78.4	9.8
3269	2010/06/22 14:20:54	0.875	82.4	10.0
3270	2010/06/22 14:20:57	0.750	78.7	8.9
3271	2010/06/22 14:22:11	1.000	79.8	10.4
3272	2010/06/22 14:23:43	0.875	83.3	10.1
3273	2010/06/22 14:25:43	0.625	77.2	10.4
3274	2010/06/22 14:25:49	1.000	78.5	7.2
3275	2010/06/22 14:25:52	0.875	81.8	8.3
3276	2010/06/22 14:26:19	0.750	80.6	10.7
3277	2010/06/22 14:26:33	1.000	78.5	10.0
3278	2010/06/22 14:26:57	0.750	73.9	7.2
3279	2010/06/22 14:27:02	0.625	78.4	11.0
3280	2010/06/22 14:28:17	0.875	73.1	10.8
3281	2010/06/22 14:29:10	0.875	83.5	9.1
3282	2010/06/22 14:30:06	1.000	72.9	11.2
3283	2010/06/22 14:31:02	0.875	82.0	7.3
3284	2010/06/22 14:31:14	1.000	72.2	8.5
3285	2010/06/22 14:32:24	1.000	77.9	7.3
3286	2010/06/22 14:32:46	0.750	79.0	9.7
3287	2010/06/22 14:32:54	0.875	78.2	9.0
3288	2010/06/22 14:33:33	0.625	78.9	11.6
3289	2010/06/22 14:34:08	0.625	83.6	10.4
3290	2010/06/22 14:34:20	1.000	84.9	9.3
3291	2010/06/22 14:34:27	1.000	71.6	8.6
3292	2010/06/22 14:34:37	0.750	80.6	6.8

3293	2010/06/22 14:35:01	1.000	74.5	6.3
3294	2010/06/22 14:35:08	0.750	85.8	10.5
3295	2010/06/22 14:35:09	1.000	86.2	8.3
3296	2010/06/22 14:35:26	0.500	80.1	12.6
3297	2010/06/22 14:35:30	0.875	75.5	9.0
3298	2010/06/22 14:35:36	0.625	83.7	10.0
3299	2010/06/22 14:36:27	0.625	68.5	10.0
3300	2010/06/22 14:36:39	0.875	67.0	7.2
3301	2010/06/22 14:36:47	0.875	76.4	13.2
3302	2010/06/22 14:36:52	0.875	69.5	9.2
3303	2010/06/22 14:37:01	0.500	81.6	13.0
3304	2010/06/22 14:37:04	0.875	78.3	9.0
3305	2010/06/22 14:37:08	0.875	78.8	12.2
3306	2010/06/22 14:37:11	0.750	86.1	12.1
3307	2010/06/22 14:37:22	0.500	68.0	10.7
3308	2010/06/22 14:37:24	0.750	71.7	11.0
3309	2010/06/22 14:37:33	1.000	83.8	10.1
3310	2010/06/22 14:37:44	0.625	71.5	9.7
3311	2010/06/22 14:37:47	0.625	78.0	13.3
3312	2010/06/22 14:37:59	0.500	75.9	10.6
3313	2010/06/22 14:38:02	0.625	65.5	9.7
3314	2010/06/22 14:38:03	0.875	69.7	9.4
3315	2010/06/22 14:38:05	1.000	72.2	9.9
3316	2010/06/22 14:38:06	0.500	72.6	11.3
3317	2010/06/22 14:38:24	0.875	67.9	9.9
3318	2010/06/22 14:38:26	0.625	73.8	12.3
3319	2010/06/22 14:38:29	0.625	77.1	13.3
3320	2010/06/22 14:38:35	0.750	84.0	9.6
3321	2010/06/22 14:38:43	0.500	66.7	12.5
3322	2010/06/22 14:38:54	0.750	73.6	8.3
3323	2010/06/22 14:38:58	1.000	66.0	10.5
3324	2010/06/22 14:39:03	0.750	71.3	12.7

3325	2010/06/22 14:39:14	1.000	59.4	6.2
3326	2010/06/22 14:39:18	0.625	67.9	12.6
3327	2010/06/22 14:39:18	0.500	68.5	11.8
3328	2010/06/22 14:39:28	0.625	78.6	9.2
3329	2010/06/22 14:39:52	1.000	76.8	7.1
3330	2010/06/22 14:40:29	0.625	82.3	11.4
3331	2010/06/22 14:40:35	1.000	61.7	12.5
3332	2010/06/22 14:42:30	1.000	72.8	9.4
3333	2010/06/22 14:42:42	0.625	84.9	12.0
3334	2010/06/22 14:42:55	0.750	78.2	8.7
3335	2010/06/22 14:43:06	0.625	89.8	11.4
3336	2010/06/22 14:43:13	0.750	72.8	10.2
3337	2010/06/22 14:43:39	1.000	74.6	6.3
3338	2010/06/22 14:45:14	0.875	80.5	8.5
3339	2010/06/22 14:45:26	0.750	88.4	8.4
3340	2010/06/22 14:46:57	0.875	77.2	7.4
3341	2010/06/22 14:47:04	0.625	78.2	9.8
3342	2010/06/22 14:47:23	1.000	76.3	7.2
3343	2010/06/22 14:49:21	1.000	82.3	7.9
3344	2010/06/22 14:50:40	0.875	82.3	9.5
3345	2010/06/22 14:51:20	1.000	78.4	8.3
3346	2010/06/22 14:52:41	0.750	80.1	11.6
3347	2010/06/22 14:52:58	1.000	78.0	8.5
3348	2010/06/22 14:53:58	0.750	81.7	11.1
3349	2010/06/22 14:54:26	0.625	75.6	11.2
3350	2010/06/22 14:54:32	1.000	79.9	10.8
3351	2010/06/22 14:55:09	0.625	82.7	12.2
3352	2010/06/22 14:55:22	0.875	73.6	10.3
3353	2010/06/22 14:55:33	0.750	71.4	10.1
3354	2010/06/22 14:56:13	0.625	77.1	11.1
3355	2010/06/22 14:56:56	0.625	75.0	11.5
3356	2010/06/22 14:57:52	1.000	78.1	8.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3357	2010/06/22 14:57:54	1.000	79.6	7.8
3358	2010/06/22 14:58:09	0.625	77.5	11.2
3359	2010/06/22 14:58:54	0.625	77.0	11.6
3360	2010/06/22 14:59:25	1.000	79.2	10.8
3361	2010/06/22 14:59:29	0.750	70.4	8.9
3362	2010/06/22 15:00:19	0.625	76.6	10.2
3363	2010/06/22 15:00:44	0.875	80.1	10.9
3364	2010/06/22 15:00:49	0.625	79.9	11.2
3365	2010/06/22 15:01:11	0.875	73.4	10.9
3366	2010/06/22 15:01:27	0.625	82.7	10.9
3367	2010/06/22 15:01:28	0.750	82.0	8.2
3368	2010/06/22 15:01:38	0.875	73.4	7.2
3369	2010/06/22 15:02:04	0.750	71.3	10.0
3370	2010/06/22 15:02:24	0.750	81.4	12.2
3371	2010/06/22 15:02:30	0.625	67.9	10.0
3372	2010/06/22 15:02:32	0.750	65.8	8.9
3373	2010/06/22 15:03:10	0.750	80.2	11.4
3374	2010/06/22 15:03:37	0.750	61.4	10.4
3375	2010/06/22 15:03:52	0.750	80.8	11.9
3376	2010/06/22 15:03:59	0.625	62.2	9.6
3377	2010/06/22 15:04:03	0.500	67.0	13.3
3378	2010/06/22 15:04:04	1.000	80.8	8.9
3379	2010/06/22 15:04:16	1.000	85.8	8.8
3380	2010/06/22 15:04:21	0.875	79.6	8.6
3381	2010/06/22 15:04:24	0.875	79.5	8.5
3382	2010/06/22 15:04:37	0.750	79.4	9.3
3383	2010/06/22 15:04:51	0.625	69.5	10.0
3384	2010/06/22 15:05:11	0.625	83.6	10.5
3385	2010/06/22 15:05:19	0.875	74.4	8.9
3386	2010/06/22 15:05:22	0.875	70.3	10.7
3387	2010/06/22 15:05:24	1.000	69.0	10.1
3388	2010/06/22 15:05:28	0.750	72.0	6.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3389	2010/06/22 15:05:45	0.750	79.4	8.2
3390	2010/06/22 15:05:50	0.750	73.6	10.1
3391	2010/06/22 15:06:25	0.625	74.4	11.1
3392	2010/06/22 15:06:28	0.750	73.3	11.9
3393	2010/06/22 15:06:40	1.000	80.9	8.3
3394	2010/06/22 15:06:41	1.000	82.3	8.3
3395	2010/06/22 15:07:12	1.000	69.6	6.6
3396	2010/06/22 15:07:17	1.000	79.1	9.9
3397	2010/06/22 15:07:36	0.750	62.4	10.4
3398	2010/06/22 15:08:03	1.000	63.3	8.8
3399	2010/06/22 15:08:06	0.875	59.7	6.1
3400	2010/06/22 15:08:12	0.875	70.8	10.4
3401	2010/06/22 15:08:49	0.500	65.3	13.0
3402	2010/06/22 15:08:53	0.750	57.0	9.4
3403	2010/06/22 15:09:30	0.625	69.2	13.3
3404	2010/06/22 15:09:34	0.750	61.8	10.2
3405	2010/06/22 15:09:40	0.875	65.9	12.3
3406	2010/06/22 15:09:44	0.750	57.2	10.1
3407	2010/06/22 15:09:45	0.625	69.9	13.6
3408	2010/06/22 15:09:50	0.500	72.7	13.4
3409	2010/06/22 15:09:51	0.750	59.2	14.5
3410	2010/06/22 15:10:11	0.625	68.1	13.5
3411	2010/06/22 15:10:19	1.000	68.1	10.9
3412	2010/06/22 15:10:21	0.625	72.3	13.0
3413	2010/06/22 15:10:22	0.750	70.8	11.7
3414	2010/06/22 15:10:32	1.000	72.5	11.2
3415	2010/06/22 15:10:39	0.500	66.2	11.0
3416	2010/06/22 15:10:43	0.625	68.7	11.9
3417	2010/06/22 15:10:44	0.875	64.6	10.8
3418	2010/06/22 15:11:05	0.500	65.1	9.3
3419	2010/06/22 15:11:06	0.625	69.5	11.8
3420	2010/06/22 15:11:07	0.500	68.8	11.0

3421	2010/06/22 15:11:15	1.000	61.7	7.5
3422	2010/06/22 15:11:17	0.625	61.9	10.8
3423	2010/06/22 15:11:23	1.000	69.5	12.3
3424	2010/06/22 15:11:28	0.875	68.8	10.7
3425	2010/06/22 15:11:38	0.750	72.1	10.3
3426	2010/06/22 15:11:41	0.875	80.8	10.1
3427	2010/06/22 15:11:48	0.625	69.1	10.0
3428	2010/06/22 15:11:50	1.000	70.5	9.3
3429	2010/06/22 15:11:55	0.875	72.3	11.7
3430	2010/06/22 15:11:57	0.625	68.2	10.9
3431	2010/06/22 15:11:58	0.750	69.9	10.4
3432	2010/06/22 15:11:59	1.000	71.9	11.0
3433	2010/06/22 15:12:00	0.500	67.8	9.4
3434	2010/06/22 15:12:13	1.000	63.5	7.0
3435	2010/06/22 15:12:18	1.000	71.3	9.6
3436	2010/06/22 15:12:25	0.875	68.7	7.3
3437	2010/06/22 15:12:38	0.500	69.1	12.7
3438	2010/06/22 15:13:32	0.875	82.3	9.9
3439	2010/06/22 15:13:36	0.625	66.5	10.0
3440	2010/06/22 15:13:37	0.625	72.5	12.2
3441	2010/06/22 15:13:41	0.750	80.0	12.1
3442	2010/06/22 15:13:48	0.625	70.7	13.1
3443	2010/06/22 15:13:50	0.750	65.0	10.4
3444	2010/06/22 15:13:55	0.875	64.4	13.4
3445	2010/06/22 15:14:01	0.500	70.6	11.8
3446	2010/06/22 15:14:02	1.000	70.7	7.9
3447	2010/06/22 15:14:05	1.000	61.6	8.8
3448	2010/06/22 15:14:17	0.750	76.8	11.0
3449	2010/06/22 15:14:20	1.000	83.6	10.6
3450	2010/06/22 15:14:36	0.875	77.4	8.9
3451	2010/06/22 15:14:37	1.000	75.1	6.8
3452	2010/06/22 15:14:40	0.875	77.4	10.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3453	2010/06/22 15:14:50	0.750	75.9	10.8
3454	2010/06/22 15:14:58	0.875	69.0	9.4
3455	2010/06/22 15:15:00	0.875	68.5	10.0
3456	2010/06/22 15:15:04	0.500	71.2	12.1
3457	2010/06/22 15:15:14	0.750	65.3	8.4
3458	2010/06/22 15:15:16	0.750	71.5	13.2
3459	2010/06/22 15:15:23	0.875	68.6	10.6
3460	2010/06/22 15:15:29	1.000	73.0	10.2
3461	2010/06/22 15:15:32	0.500	70.0	11.2
3462	2010/06/22 15:15:46	1.000	78.5	10.0
3463	2010/06/22 15:15:48	0.750	74.7	9.4
3464	2010/06/22 15:16:07	0.625	67.2	11.9
3465	2010/06/22 15:16:16	1.000	71.8	13.2
3466	2010/06/22 15:16:17	0.500	73.2	11.9
3467	2010/06/22 15:16:41	0.625	61.9	11.4
3468	2010/06/22 15:16:50	0.875	77.5	9.8
3469	2010/06/22 15:17:11	0.875	64.2	11.8
3470	2010/06/22 15:17:14	1.000	66.3	7.0
3471	2010/06/22 15:17:28	1.000	73.5	7.8
3472	2010/06/22 15:17:40	1.000	77.9	8.7
3473	2010/06/22 15:17:51	0.875	73.0	9.9
3474	2010/06/22 15:17:57	0.875	79.8	6.4
3475	2010/06/22 15:17:58	0.625	75.0	6.3
3476	2010/06/22 15:18:21	0.875	67.5	9.6
3477	2010/06/22 15:18:24	0.625	64.4	9.9
3478	2010/06/22 15:18:55	0.500	68.5	12.2
3479	2010/06/22 15:19:07	0.875	70.5	8.5
3480	2010/06/22 15:19:18	1.000	66.5	9.3
3481	2010/06/22 15:19:30	1.000	72.8	9.0
3482	2010/06/22 15:19:45	0.750	68.2	8.5
3483	2010/06/22 15:19:52	0.750	59.9	8.0
3484	2010/06/22 15:20:04	0.875	67.0	7.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3485	2010/06/22 15:20:21	0.625	81.7	11.5
3486	2010/06/22 15:21:09	1.000	71.5	7.9
3487	2010/06/22 15:21:58	0.750	65.3	8.9
3488	2010/06/22 15:22:21	0.875	81.8	10.3
3489	2010/06/22 15:22:29	0.750	78.2	10.3
3490	2010/06/22 15:22:39	1.000	72.4	11.1
3491	2010/06/22 15:22:41	0.750	61.3	11.1
3492	2010/06/22 15:22:46	0.750	82.4	10.9
3493	2010/06/22 15:22:53	0.750	75.1	8.8
3494	2010/06/22 15:24:16	0.750	63.4	7.3
3495	2010/06/22 15:24:17	0.875	63.6	6.6
3496	2010/06/22 15:24:30	1.000	72.9	7.7
3497	2010/06/22 15:24:35	1.000	69.3	6.1
3498	2010/06/22 15:24:52	0.875	65.0	7.4
3499	2010/06/22 15:25:06	0.750	73.9	8.9
3500	2010/06/22 15:25:41	0.750	74.4	9.6
3501	2010/06/22 15:26:03	1.000	68.7	9.1
3502	2010/06/22 15:26:37	1.000	66.1	7.1
3503	2010/06/22 15:27:11	0.750	74.5	9.0
3504	2010/06/22 15:27:53	0.875	67.3	12.0
3505	2010/06/22 15:28:00	0.750	82.6	10.6
3506	2010/06/22 15:28:11	0.750	76.7	9.3
3507	2010/06/22 15:28:39	0.875	65.3	10.4
3508	2010/06/22 15:28:47	0.625	73.8	10.8
3509	2010/06/22 15:29:38	1.000	69.5	9.4
3510	2010/06/22 15:29:45	1.000	80.2	6.3
3511	2010/06/22 15:29:58	0.625	76.3	8.4
3512	2010/06/22 15:30:01	0.875	83.0	11.5
3513	2010/06/22 15:31:03	0.750	69.1	10.5
3514	2010/06/22 15:31:16	0.750	65.0	9.4
3515	2010/06/22 15:31:18	0.750	63.4	9.2
3516	2010/06/22 15:31:34	0.750	64.9	8.2



3517	2010/06/22 15:31:52	0.625	68.0	10.7
3518	2010/06/22 15:32:04	1.000	77.9	9.6
3519	2010/06/22 15:32:17	1.000	69.1	7.2
3520	2010/06/22 15:32:27	0.500	79.5	11.3
3521	2010/06/22 15:32:31	0.875	63.5	10.8
3522	2010/06/22 15:32:33	0.625	75.9	10.4
3523	2010/06/22 15:32:48	0.750	69.9	10.0
3524	2010/06/22 15:33:02	0.500	67.6	6.4
3525	2010/06/22 15:33:14	0.875	73.1	8.0
3526	2010/06/22 15:33:26	0.750	72.4	11.3
3527	2010/06/22 15:33:40	0.875	83.1	8.9
3528	2010/06/22 15:33:49	1.000	73.3	11.8
3529	2010/06/22 15:33:53	0.750	75.5	10.3
3530	2010/06/22 15:33:57	1.000	78.3	7.4
3531	2010/06/22 15:34:03	0.875	76.1	9.5
3532	2010/06/22 15:34:45	0.625	74.4	10.6
3533	2010/06/22 15:34:48	1.000	69.1	7.6
3534	2010/06/22 15:34:56	1.000	78.9	7.8
3535	2010/06/22 15:35:07	0.875	84.4	9.7
3536	2010/06/22 15:35:09	0.875	72.5	8.3
3537	2010/06/22 15:35:45	1.000	73.4	9.4
3538	2010/06/22 15:35:49	0.875	80.6	10.1
3539	2010/06/22 15:36:04	0.875	80.7	10.1
3540	2010/06/22 15:36:27	0.750	86.0	8.9
3541	2010/06/22 15:36:31	0.875	82.9	8.8
3542	2010/06/22 15:36:58	1.000	80.9	11.7
3543	2010/06/22 15:37:10	0.875	79.3	10.2
3544	2010/06/22 15:37:22	0.875	71.2	6.8
3545	2010/06/22 15:37:35	0.875	77.9	9.6
3546	2010/06/22 15:37:36	1.000	80.5	7.6
3547	2010/06/22 15:37:37	0.625	76.1	6.6
3548	2010/06/22 15:37:38	0.875	68.6	7.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3549	2010/06/22 15:37:45	1.000	85.8	10.6
3550	2010/06/22 15:37:55	0.875	81.1	6.2
3551	2010/06/22 15:37:57	1.000	76.6	6.3
3552	2010/06/22 15:38:01	0.875	73.6	9.8
3553	2010/06/22 15:38:22	0.500	88.9	12.1
3554	2010/06/22 15:40:08	0.750	73.3	9.0
3555	2010/06/22 15:40:18	1.000	88.0	7.9
3556	2010/06/22 15:40:22	0.750	81.2	7.7
3557	2010/06/22 15:40:24	0.750	81.7	10.1
3558	2010/06/22 15:40:29	0.750	69.8	9.4
3559	2010/06/22 15:40:35	1.000	67.3	10.9
3560	2010/06/22 15:40:53	0.625	76.6	7.8
3561	2010/06/22 15:41:01	0.750	87.6	8.1
3562	2010/06/22 15:41:08	0.625	79.7	9.7
3563	2010/06/22 15:41:14	0.625	89.9	11.5
3564	2010/06/22 15:41:29	0.875	74.8	9.5
3565	2010/06/22 15:41:30	0.625	70.5	8.3
3566	2010/06/22 15:41:40	1.000	93.5	11.7
3567	2010/06/22 15:42:17	0.625	78.8	10.3
3568	2010/06/22 15:42:54	0.875	81.6	9.5
3569	2010/06/22 15:42:56	0.750	88.9	8.6
3570	2010/06/22 15:42:58	1.000	86.4	9.3
3571	2010/06/22 15:43:16	0.875	79.5	10.1
3572	2010/06/22 15:43:43	0.875	79.6	10.2
3573	2010/06/22 15:43:51	0.875	85.3	9.3
3574	2010/06/22 15:43:56	0.750	81.0	9.6
3575	2010/06/22 15:43:58	0.875	88.9	11.6
3576	2010/06/22 15:44:04	1.000	72.7	9.2
3577	2010/06/22 15:44:21	0.625	67.2	10.6
3578	2010/06/22 15:44:24	0.625	82.9	11.4
3579	2010/06/22 15:44:29	0.750	67.3	9.1
3580	2010/06/22 15:44:51	1.000	80.3	8.8

3581	2010/06/22 15:44:58	0.625	78.7	9.8
3582	2010/06/22 15:45:00	0.750	72.7	8.5
3583	2010/06/22 15:45:17	1.000	75.2	9.4
3584	2010/06/22 15:46:00	1.000	91.3	10.1
3585	2010/06/22 15:46:08	0.750	76.9	11.2
3586	2010/06/22 15:46:20	1.000	77.5	8.0
3587	2010/06/22 15:46:24	0.750	72.9	10.5
3588	2010/06/22 15:46:30	0.875	82.5	11.4
3589	2010/06/22 15:46:34	0.750	84.6	9.9
3590	2010/06/22 15:46:52	0.750	74.3	9.4
3591	2010/06/22 15:47:00	0.875	86.8	11.3
3592	2010/06/22 15:47:15	0.750	79.5	8.5
3593	2010/06/22 15:47:18	0.625	68.5	10.1
3594	2010/06/22 15:47:24	1.000	86.6	9.1
3595	2010/06/22 15:47:30	0.875	80.5	9.0
3596	2010/06/22 15:47:34	0.750	78.3	11.6
3597	2010/06/22 15:47:40	1.000	83.1	9.1
3598	2010/06/22 15:47:42	1.000	70.1	10.6
3599	2010/06/22 15:47:45	0.875	79.8	11.3
3600	2010/06/22 15:47:50	0.750	87.3	10.8
3601	2010/06/22 15:48:14	0.875	84.3	10.4
3602	2010/06/22 15:48:37	1.000	91.8	8.6
3603	2010/06/22 15:48:45	0.625	90.8	10.0
3604	2010/06/22 15:48:47	0.625	93.3	9.4
3605	2010/06/22 15:48:48	0.625	93.2	7.9
3606	2010/06/22 15:48:51	1.000	91.9	7.9
3607	2010/06/22 15:48:52	0.750	91.1	7.9
3608	2010/06/22 15:48:57	0.875	84.8	9.3
3609	2010/06/22 15:48:59	0.625	81.0	8.9
3610	2010/06/22 15:49:02	1.000	73.8	6.5
3611	2010/06/22 15:49:04	1.000	76.7	6.5
3612	2010/06/22 15:49:05	0.875	80.7	9.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3613	2010/06/22 15:49:06	0.625	83.8	9.5
3614	2010/06/22 15:49:07	0.875	84.4	9.3
3615	2010/06/22 15:49:09	0.500	85.8	10.7
3616	2010/06/22 15:49:11	0.875	82.6	8.7
3617	2010/06/22 15:49:18	0.625	92.9	10.8
3618	2010/06/22 15:49:20	1.000	91.9	9.2
3619	2010/06/22 15:49:23	0.625	74.1	11.0
3620	2010/06/22 15:49:40	0.500	90.8	8.5
3621	2010/06/22 15:49:41	0.625	92.9	9.5
3622	2010/06/22 15:49:42	0.625	94.0	8.1
3623	2010/06/22 15:49:43	0.625	95.6	9.0
3624	2010/06/22 15:49:54	0.750	73.9	8.7
3625	2010/06/22 15:49:57	0.625	90.2	9.7
3626	2010/06/22 15:50:01	0.625	91.8	8.9
3627	2010/06/22 15:50:02	0.625	90.6	8.8
3628	2010/06/22 15:50:03	0.625	90.8	8.1
3629	2010/06/22 15:50:04	0.625	86.9	6.4
3630	2010/06/22 15:50:14	0.625	89.4	9.9
3631	2010/06/22 15:50:16	0.625	95.8	8.9
3632	2010/06/22 15:50:17	0.625	84.8	10.0
3633	2010/06/22 15:50:19	0.500	89.7	9.3
3634	2010/06/22 15:50:20	0.625	93.3	10.4
3635	2010/06/22 15:50:21	0.625	93.6	9.4
3636	2010/06/22 15:50:23	0.625	94.5	8.0
3637	2010/06/22 15:50:24	0.625	95.5	9.2
3638	2010/06/22 15:50:29	0.625	92.1	7.7
3639	2010/06/22 15:50:30	0.875	78.6	8.7
3640	2010/06/22 15:50:32	0.625	74.9	10.7
3641	2010/06/22 15:50:33	0.500	93.1	10.9
3642	2010/06/22 15:50:42	1.000	86.9	8.7
3643	2010/06/22 15:50:44	0.625	88.9	9.6
3644	2010/06/22 15:50:48	0.625	89.2	9.1

3645	2010/06/22 15:50:52	0.625	86.4	9.9
3646	2010/06/22 15:51:05	1.000	90.0	10.5
3647	2010/06/22 15:51:08	0.625	88.2	6.9
3648	2010/06/22 15:51:09	1.000	68.9	8.2
3649	2010/06/22 15:51:11	0.750	73.8	9.4
3650	2010/06/22 15:51:13	0.750	73.6	8.3
3651	2010/06/22 15:51:20	0.625	87.4	10.2
3652	2010/06/22 15:51:21	0.875	79.7	9.8
3653	2010/06/22 15:51:22	1.000	86.0	9.1
3654	2010/06/22 15:51:33	0.750	84.6	10.3
3655	2010/06/22 15:51:41	0.625	73.2	8.6
3656	2010/06/22 15:51:56	0.875	80.6	11.0
3657	2010/06/22 15:51:58	1.000	80.7	8.9
3658	2010/06/22 15:52:13	0.750	81.6	7.5
3659	2010/06/22 15:52:20	1.000	70.9	8.6
3660	2010/06/22 15:52:44	1.000	79.0	10.1
3661	2010/06/22 15:52:48	0.625	76.7	11.5
3662	2010/06/22 15:52:50	0.875	70.5	11.5
3663	2010/06/22 15:53:01	0.750	87.3	11.5
3664	2010/06/22 15:53:09	1.000	65.7	8.8
3665	2010/06/22 15:53:26	0.875	66.7	8.5
3666	2010/06/22 15:53:30	0.875	66.2	8.1
3667	2010/06/22 15:53:31	1.000	76.5	9.9
3668	2010/06/22 15:53:54	0.750	66.7	10.0
3669	2010/06/22 15:54:09	0.625	77.4	11.5
3670	2010/06/22 15:54:46	0.625	76.3	10.3
3671	2010/06/22 15:54:51	0.875	72.7	7.6
3672	2010/06/22 15:54:58	0.625	82.6	12.3
3673	2010/06/22 15:55:47	0.875	80.3	11.7
3674	2010/06/22 15:56:19	0.875	76.8	8.2
3675	2010/06/22 15:56:57	1.000	82.3	8.7
3676	2010/06/22 15:57:57	1.000	68.4	8.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3677	2010/06/22 15:58:12	0.875	63.7	7.1
3678	2010/06/22 15:58:27	0.875	64.9	10.7
3679	2010/06/22 15:58:37	0.750	81.3	7.4
3680	2010/06/22 15:59:03	1.000	81.1	9.3
3681	2010/06/22 16:00:11	0.875	70.4	8.7
3682	2010/06/22 16:00:14	0.875	86.3	10.5
3683	2010/06/22 16:00:18	0.875	87.4	7.8
3684	2010/06/22 16:00:21	1.000	77.2	9.2
3685	2010/06/22 16:00:26	0.625	71.1	6.9
3686	2010/06/22 16:00:29	0.875	66.1	7.5
3687	2010/06/22 16:00:30	0.875	66.7	8.0
3688	2010/06/22 16:00:42	1.000	69.1	9.0
3689	2010/06/22 16:00:44	0.875	76.7	8.0
3690	2010/06/22 16:00:47	0.750	84.2	8.0
3691	2010/06/22 16:01:12	0.750	73.0	9.9
3692	2010/06/22 16:01:47	0.875	71.9	6.6
3693	2010/06/22 16:02:55	0.750	69.7	9.5
3694	2010/06/22 16:03:36	1.000	68.4	10.0
3695	2010/06/22 16:03:50	0.875	71.1	7.3
3696	2010/06/22 16:03:58	0.625	63.9	9.3
3697	2010/06/22 16:03:59	0.750	66.4	8.4
3698	2010/06/22 16:04:21	1.000	69.7	11.6
3699	2010/06/22 16:04:47	0.750	57.4	6.7
3700	2010/06/22 16:05:08	0.625	88.2	12.0
3701	2010/06/22 16:05:12	0.750	71.9	13.1
3702	2010/06/22 16:05:17	0.875	63.7	7.6
3703	2010/06/22 16:05:22	0.875	63.5	9.7
3704	2010/06/22 16:05:25	1.000	75.3	7.7
3705	2010/06/22 16:05:32	0.625	76.3	11.3
3706	2010/06/22 16:05:38	0.625	73.7	10.8
3707	2010/06/22 16:05:45	0.875	74.2	8.6
3708	2010/06/22 16:05:48	0.750	62.7	6.6

3709	2010/06/22 16:06:28	0.625	75.0	11.7
3710	2010/06/22 16:07:21	0.875	74.6	8.0
3711	2010/06/22 16:07:22	1.000	69.7	7.6
3712	2010/06/22 16:07:36	1.000	74.4	10.4
3713	2010/06/22 16:07:38	1.000	67.7	9.8
3714	2010/06/22 16:09:00	0.750	61.6	9.0
3715	2010/06/22 16:09:10	0.875	74.5	8.0
3716	2010/06/22 16:09:22	1.000	74.1	9.5
3717	2010/06/22 16:09:30	0.875	67.8	7.0
3718	2010/06/22 16:10:09	0.875	64.1	9.9
3719	2010/06/22 16:10:13	0.750	68.8	9.6
3720	2010/06/22 16:10:23	0.875	58.4	8.8
3721	2010/06/22 16:10:25	1.000	80.7	10.8
3722	2010/06/22 16:10:30	0.625	83.9	11.8
3723	2010/06/22 16:10:33	0.750	59.5	12.2
3724	2010/06/22 16:10:36	1.000	74.5	7.8
3725	2010/06/22 16:10:48	0.750	79.7	9.6
3726	2010/06/22 16:10:50	0.875	70.4	9.1
3727	2010/06/22 16:11:01	0.750	69.4	11.6
3728	2010/06/22 16:11:20	1.000	73.5	10.0
3729	2010/06/22 16:12:14	0.625	73.7	12.0
3730	2010/06/22 16:12:46	0.625	70.4	11.7
3731	2010/06/22 16:13:37	0.625	72.7	12.1
3732	2010/06/22 16:13:45	0.875	71.7	10.2
3733	2010/06/22 16:16:36	1.000	89.5	7.8
3734	2010/06/22 16:16:39	0.875	75.4	9.4
3735	2010/06/22 16:16:46	0.750	64.3	7.4
3736	2010/06/22 16:16:49	0.625	67.3	7.2
3737	2010/06/22 16:17:18	0.875	70.9	7.6
3738	2010/06/22 16:17:20	1.000	71.4	8.2
3739	2010/06/22 16:17:47	1.000	72.2	9.3
3740	2010/06/22 16:18:04	1.000	70.7	9.3

3741	2010/06/22 16:18:24	0.750	73.0	9.3
3742	2010/06/22 16:18:33	0.875	76.1	9.3
3743	2010/06/22 16:19:12	0.750	70.9	6.3
3744	2010/06/22 16:19:28	0.750	64.7	9.0
3745	2010/06/22 16:19:33	0.625	69.1	10.3
3746	2010/06/22 16:19:35	0.750	71.1	10.3
3747	2010/06/22 16:19:44	0.750	72.3	6.9
3748	2010/06/22 16:19:46	0.625	63.0	6.1
3749	2010/06/22 16:19:47	1.000	69.8	7.6
3750	2010/06/22 16:19:52	0.750	67.6	7.2
3751	2010/06/22 16:19:53	0.875	71.3	6.4
3752	2010/06/22 16:19:54	0.875	62.4	6.8
3753	2010/06/22 16:20:00	0.750	69.3	9.6
3754	2010/06/22 16:20:05	0.875	69.4	7.9
3755	2010/06/22 16:20:06	0.750	66.5	7.2
3756	2010/06/22 16:20:07	0.875	74.3	7.6
3757	2010/06/22 16:20:48	0.875	57.0	7.7
3758	2010/06/22 16:21:21	1.000	60.2	8.2
3759	2010/06/22 16:21:31	0.750	57.6	8.2
3760	2010/06/22 16:21:35	0.875	57.3	7.4
3761	2010/06/22 16:21:37	0.750	61.3	9.4
3762	2010/06/22 16:21:40	0.625	59.0	9.4
3763	2010/06/22 16:21:43	0.625	66.9	9.7
3764	2010/06/22 16:21:56	0.875	59.5	7.5
3765	2010/06/22 16:21:59	0.750	58.8	9.1
3766	2010/06/22 16:22:05	0.875	58.5	7.1
3767	2010/06/22 16:22:34	0.875	55.6	7.4
3768	2010/06/22 16:22:53	0.625	71.7	9.2
3769	2010/06/22 16:23:34	0.625	66.2	10.1
3770	2010/06/22 16:23:36	0.750	60.4	9.2
3771	2010/06/22 16:23:42	0.875	84.4	8.9
3772	2010/06/22 16:24:03	0.750	64.9	8.7



3773	2010/06/22 16:24:09	0.750	59.4	6.9
3774	2010/06/22 16:24:31	0.625	67.9	12.0
3775	2010/06/22 16:24:45	0.875	71.3	7.1
3776	2010/06/22 16:26:02	0.875	73.0	7.1
3777	2010/06/22 16:28:07	1.000	68.2	8.0
3778	2010/06/22 16:28:53	0.875	63.9	9.6
3779	2010/06/22 16:29:08	0.625	84.8	11.8
3780	2010/06/22 16:29:12	1.000	72.3	10.2
3781	2010/06/22 16:31:23	1.000	60.3	7.4
3782	2010/06/22 16:31:25	0.750	59.7	6.9
3783	2010/06/22 16:31:31	1.000	85.2	10.9
3784	2010/06/22 16:31:42	0.625	62.3	9.3
3785	2010/06/22 16:32:07	0.750	77.0	11.0
3786	2010/06/22 16:32:53	0.875	83.1	8.5
3787	2010/06/22 16:33:18	0.750	79.4	10.1
3788	2010/06/22 16:34:41	1.000	70.4	6.7
3789	2010/06/22 16:34:43	0.750	73.5	10.2
3790	2010/06/22 16:35:04	0.875	71.8	8.1
3791	2010/06/22 16:35:25	1.000	76.8	12.6
3792	2010/06/22 16:35:32	0.750	81.0	11.6
3793	2010/06/22 16:35:40	0.875	73.3	11.1
3794	2010/06/22 16:35:41	0.750	65.5	11.6
3795	2010/06/22 16:36:31	0.750	75.0	9.5
3796	2010/06/22 16:36:55	0.875	82.1	9.0
3797	2010/06/22 16:36:57	0.625	68.7	10.7
3798	2010/06/22 16:37:00	0.625	75.4	9.5
3799	2010/06/22 16:37:10	1.000	73.5	7.3
3800	2010/06/22 16:37:19	0.875	71.4	9.5
3801	2010/06/22 16:37:20	0.625	73.2	9.5
3802	2010/06/22 16:37:23	1.000	69.4	10.1
3803	2010/06/22 16:37:45	0.625	75.2	9.0
3804	2010/06/22 16:37:52	0.875	69.4	11.1

3805	2010/06/22 16:37:54	1.000	64.3	8.7
3806	2010/06/22 16:37:59	0.625	79.7	11.8
3807	2010/06/22 16:38:58	0.625	61.2	7.3
3808	2010/06/22 16:39:03	0.750	83.1	10.4
3809	2010/06/22 16:39:20	0.750	65.3	8.7
3810	2010/06/22 16:39:47	0.875	75.5	9.9
3811	2010/06/22 16:40:14	1.000	83.0	8.8
3812	2010/06/22 16:41:05	0.875	74.7	9.3
3813	2010/06/22 16:41:52	0.875	74.3	9.4
3814	2010/06/22 16:41:55	0.750	82.4	11.2
3815	2010/06/22 16:42:26	1.000	85.0	8.4
3816	2010/06/22 16:42:29	0.875	81.9	10.7
3817	2010/06/22 16:42:47	0.750	78.9	9.3
3818	2010/06/22 16:43:10	0.875	86.0	8.9
3819	2010/06/22 16:43:13	0.875	73.5	9.5
3820	2010/06/22 16:43:35	1.000	72.5	6.7
3821	2010/06/22 16:43:37	0.875	71.6	7.9
3822	2010/06/22 16:43:44	0.750	81.7	12.9
3823	2010/06/22 16:43:56	0.875	81.4	11.4
3824	2010/06/22 16:44:03	0.875	75.5	8.0
3825	2010/06/22 16:44:20	0.625	79.9	10.3
3826	2010/06/22 16:45:08	0.875	69.4	11.0
3827	2010/06/22 16:45:15	1.000	85.0	7.5
3828	2010/06/22 16:45:46	1.000	76.7	11.5
3829	2010/06/22 16:45:51	0.875	66.7	10.1
3830	2010/06/22 16:45:59	0.625	84.3	11.1
3831	2010/06/22 16:46:06	0.750	76.5	9.4
3832	2010/06/22 16:46:13	0.625	83.9	9.2
3833	2010/06/22 16:46:25	0.750	75.1	11.9
3834	2010/06/22 16:46:46	1.000	80.4	10.7
3835	2010/06/22 16:46:59	0.625	83.7	11.0
3836	2010/06/22 16:47:03	0.875	68.9	13.4

3837	2010/06/22 16:47:05	1.000	75.6	8.7
3838	2010/06/22 16:47:09	0.750	83.4	9.1
3839	2010/06/22 16:47:16	0.750	79.7	12.3
3840	2010/06/22 16:47:28	1.000	79.5	6.2
3841	2010/06/22 16:47:38	0.875	75.1	7.1
3842	2010/06/22 16:48:03	0.750	75.8	11.0
3843	2010/06/22 16:48:05	0.750	82.9	11.2
3844	2010/06/22 16:48:07	0.625	85.9	11.4
3845	2010/06/22 16:48:21	0.875	75.7	7.8
3846	2010/06/22 16:48:38	0.875	71.0	9.0
3847	2010/06/22 16:49:09	0.875	76.2	11.1
3848	2010/06/22 16:49:17	0.750	92.0	11.5
3849	2010/06/22 16:49:18	0.875	84.1	10.3
3850	2010/06/22 16:50:03	0.625	75.1	8.3
3851	2010/06/22 16:50:08	0.875	84.8	8.8
3852	2010/06/22 16:51:39	0.625	78.7	12.5
3853	2010/06/22 16:52:17	0.875	72.4	9.7
3854	2010/06/22 16:53:58	0.875	72.1	9.9
3855	2010/06/22 16:53:59	1.000	74.5	8.7
3856	2010/06/22 16:54:27	1.000	67.9	7.0
3857	2010/06/22 16:54:32	1.000	86.4	10.8
3858	2010/06/22 16:55:24	0.625	79.0	11.9
3859	2010/06/22 16:55:55	0.750	81.9	10.0
3860	2010/06/22 16:55:56	0.625	78.3	8.6
3861	2010/06/22 16:56:11	0.625	82.9	10.8
3862	2010/06/22 16:56:28	0.875	80.3	9.4
3863	2010/06/22 16:56:32	0.625	67.9	10.5
3864	2010/06/22 16:56:44	0.625	73.3	11.1
3865	2010/06/22 16:56:51	1.000	72.5	9.5
3866	2010/06/22 16:56:52	1.000	73.8	6.5
3867	2010/06/22 16:57:05	0.750	78.2	11.5
3868	2010/06/22 16:57:13	1.000	79.6	10.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3869	2010/06/22 16:57:18	1.000	71.2	9.5
3870	2010/06/22 16:57:31	1.000	74.3	10.1
3871	2010/06/22 16:57:33	0.875	69.4	8.9
3872	2010/06/22 16:57:40	0.625	73.9	7.0
3873	2010/06/22 16:58:06	1.000	72.7	7.9
3874	2010/06/22 16:58:19	1.000	76.3	8.7
3875	2010/06/22 16:59:01	0.875	75.0	8.0
3876	2010/06/22 16:59:09	0.750	80.4	10.5
3877	2010/06/22 16:59:14	0.750	75.4	8.8
3878	2010/06/22 16:59:15	0.875	75.3	7.9
3879	2010/06/22 16:59:18	0.875	71.1	7.4
3880	2010/06/22 16:59:28	0.750	77.7	10.0
3881	2010/06/22 16:59:36	0.750	83.1	11.4
3882	2010/06/22 16:59:38	0.875	70.3	12.2
3883	2010/06/22 17:00:08	0.875	78.9	12.4
3884	2010/06/22 17:00:21	0.750	72.0	8.7
3885	2010/06/22 17:01:57	0.500	69.6	11.6
3886	2010/06/22 17:01:59	0.875	75.9	11.2
3887	2010/06/22 17:02:08	0.875	75.1	7.0
3888	2010/06/22 17:03:38	0.875	78.6	8.0
3889	2010/06/22 17:05:13	0.750	85.2	10.3
3890	2010/06/22 17:05:35	1.000	57.7	7.1
3891	2010/06/22 17:06:15	0.750	82.5	9.8
3892	2010/06/22 17:06:19	0.750	79.1	10.9
3893	2010/06/22 17:06:31	0.750	77.2	7.6
3894	2010/06/22 17:06:41	1.000	72.8	9.4
3895	2010/06/22 17:06:53	0.625	70.3	11.9
3896	2010/06/22 17:07:15	0.750	78.4	8.5
3897	2010/06/22 17:07:27	0.750	80.4	10.4
3898	2010/06/22 17:07:32	0.750	72.0	10.3
3899	2010/06/22 17:07:43	0.875	80.4	10.2
3900	2010/06/22 17:08:33	0.750	71.9	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

3901	2010/06/22 17:09:57	0.625	76.0	12.7
3902	2010/06/22 17:10:01	0.750	77.5	10.0
3903	2010/06/22 17:11:12	1.000	71.7	8.1
3904	2010/06/22 17:12:39	1.000	70.2	8.6
3905	2010/06/22 17:13:13	0.750	74.6	11.2
3906	2010/06/22 17:13:52	0.750	67.3	9.3
3907	2010/06/22 17:14:19	0.625	83.0	10.3
3908	2010/06/22 17:15:12	0.750	80.0	10.1
3909	2010/06/22 17:15:23	0.750	84.5	11.4
3910	2010/06/22 17:15:36	1.000	78.5	10.4
3911	2010/06/22 17:15:51	0.625	74.9	11.6
3912	2010/06/22 17:16:30	0.750	74.9	10.7
3913	2010/06/22 17:16:31	0.875	78.5	9.5
3914	2010/06/22 17:17:07	1.000	64.4	6.2
3915	2010/06/22 17:18:10	0.625	77.4	12.2
3916	2010/06/22 17:18:46	0.750	77.4	11.0
3917	2010/06/22 17:18:49	0.750	72.9	10.9
3918	2010/06/22 17:19:03	0.750	69.6	8.6
3919	2010/06/22 17:19:41	0.750	67.3	11.1
3920	2010/06/22 17:19:43	0.875	72.1	9.9
3921	2010/06/22 17:20:11	0.875	77.3	10.4
3922	2010/06/22 17:23:47	1.000	79.4	9.3
3923	2010/06/22 17:24:18	0.750	80.5	10.8
3924	2010/06/22 17:24:47	0.875	76.1	11.2
3925	2010/06/22 17:25:25	0.625	61.5	9.9
3926	2010/06/22 17:25:39	1.000	69.8	8.3
3927	2010/06/22 17:26:55	0.875	75.4	9.4
3928	2010/06/22 17:27:26	0.750	75.0	11.6
3929	2010/06/22 17:27:32	0.750	71.4	11.6
3930	2010/06/22 17:27:37	0.750	78.0	12.3
3931	2010/06/22 17:27:38	1.000	64.3	12.0
3932	2010/06/22 17:28:31	0.750	76.9	11.9

3933	2010/06/22 17:28:48	1.000	74.0	8.2
3934	2010/06/22 17:28:49	1.000	70.3	6.4
3935	2010/06/22 17:29:23	1.000	73.7	10.7
3936	2010/06/22 17:30:13	0.875	83.2	9.3
3937	2010/06/22 17:30:15	0.875	86.0	10.9
3938	2010/06/22 17:30:19	0.625	68.9	11.0
3939	2010/06/22 17:31:33	0.875	66.7	7.2
3940	2010/06/22 17:31:41	0.875	67.4	10.0
3941	2010/06/22 17:32:42	0.875	83.6	10.6
3942	2010/06/22 17:32:44	1.000	77.9	7.3
3943	2010/06/22 17:33:07	1.000	77.2	8.9
3944	2010/06/22 17:33:25	0.750	79.0	9.2
3945	2010/06/22 17:33:35	0.875	76.4	9.2
3946	2010/06/22 17:33:47	0.875	72.4	10.6
3947	2010/06/22 17:33:49	0.875	70.4	10.1
3948	2010/06/22 17:33:57	0.625	64.4	7.0
3949	2010/06/22 17:35:13	1.000	59.7	7.2
3950	2010/06/22 17:35:28	0.625	81.0	10.6
3951	2010/06/22 17:35:40	0.875	78.7	9.5
3952	2010/06/22 17:36:22	0.875	77.4	10.3
3953	2010/06/22 17:36:32	0.875	71.2	10.2
3954	2010/06/22 17:36:34	0.625	75.4	11.4
3955	2010/06/22 17:36:37	1.000	91.4	11.6
3956	2010/06/22 17:37:07	0.750	78.4	8.6
3957	2010/06/22 17:37:13	0.875	67.3	7.4
3958	2010/06/22 17:37:14	0.625	69.5	10.5
3959	2010/06/22 17:38:07	0.875	71.4	10.8
3960	2010/06/22 17:38:13	0.875	73.1	10.6
3961	2010/06/22 17:39:08	0.875	61.7	6.9
3962	2010/06/22 17:40:13	0.875	63.4	9.4
3963	2010/06/22 17:40:39	1.000	68.0	9.3
3964	2010/06/22 17:41:35	1.000	71.3	9.9

3965	2010/06/22 17:42:25	0.750	63.6	7.2
3966	2010/06/22 17:42:40	1.000	84.3	9.0
3967	2010/06/22 17:43:45	1.000	84.7	9.4
3968	2010/06/22 17:44:30	1.000	79.2	9.2
3969	2010/06/22 17:44:37	0.625	61.6	12.1
3970	2010/06/22 17:45:02	1.000	60.4	7.0
3971	2010/06/22 17:45:10	0.875	75.4	10.9
3972	2010/06/22 17:45:32	0.625	82.8	12.4
3973	2010/06/22 17:45:33	0.875	78.1	9.8
3974	2010/06/22 17:45:35	0.750	69.7	10.4
3975	2010/06/22 17:46:05	1.000	61.5	7.1
3976	2010/06/22 17:46:40	1.000	70.0	8.1
3977	2010/06/22 17:47:09	1.000	70.4	9.5
3978	2010/06/22 17:47:17	0.625	60.1	7.8
3979	2010/06/22 17:47:19	0.875	83.7	12.3
3980	2010/06/22 17:47:59	1.000	58.9	6.6
3981	2010/06/22 17:48:17	1.000	59.5	6.4
3982	2010/06/22 17:48:35	0.750	65.8	9.9
3983	2010/06/22 17:48:37	0.875	59.0	8.6
3984	2010/06/22 17:49:29	1.000	67.0	7.4
3985	2010/06/22 17:49:31	0.750	69.6	10.0
3986	2010/06/22 17:49:56	0.875	74.1	8.3
3987	2010/06/22 17:50:13	0.625	78.8	11.4
3988	2010/06/22 17:50:26	0.875	80.1	8.6
3989	2010/06/22 17:50:29	0.625	73.0	9.7
3990	2010/06/22 17:50:30	1.000	81.2	8.2
3991	2010/06/22 17:52:17	1.000	76.1	10.2
3992	2010/06/22 17:52:19	0.875	66.7	10.3
3993	2010/06/22 17:52:43	0.875	70.9	9.6
3994	2010/06/22 17:53:11	0.750	78.1	10.7
3995	2010/06/22 17:53:15	0.750	60.9	9.2
3996	2010/06/22 17:53:16	0.875	62.4	8.9

3997	2010/06/22 17:53:54	1.000	80.1	9.3
3998	2010/06/22 17:53:56	1.000	70.5	8.9
3999	2010/06/22 17:53:58	0.750	63.6	9.4
4000	2010/06/22 17:53:59	1.000	61.5	8.8
4001	2010/06/22 17:54:52	0.625	77.3	11.1
4002	2010/06/22 17:54:54	0.750	82.2	9.8
4003	2010/06/22 17:55:00	1.000	86.5	8.3
4004	2010/06/22 17:55:09	0.875	69.9	6.5
4005	2010/06/22 17:55:10	1.000	60.9	6.8
4006	2010/06/22 17:55:34	0.875	71.2	8.9
4007	2010/06/22 17:55:38	0.625	87.3	12.2
4008	2010/06/22 17:55:50	0.875	69.3	11.7
4009	2010/06/22 17:55:52	0.750	73.6	9.8
4010	2010/06/22 17:55:59	1.000	59.2	8.4
4011	2010/06/22 17:57:11	0.875	66.8	11.0
4012	2010/06/22 17:58:15	0.625	67.4	9.8
4013	2010/06/22 18:00:30	0.625	69.4	9.6
4014	2010/06/22 18:01:40	0.875	68.2	8.3
4015	2010/06/22 18:01:57	0.875	69.4	7.9
4016	2010/06/22 18:03:20	0.750	68.3	6.9
4017	2010/06/22 18:03:24	0.750	61.6	9.0
4018	2010/06/22 18:03:30	0.875	77.5	9.8
4019	2010/06/22 18:03:33	1.000	70.9	8.7
4020	2010/06/22 18:04:43	0.750	75.8	9.7
4021	2010/06/22 18:05:46	0.750	80.2	11.1
4022	2010/06/22 18:05:46	0.625	82.0	9.9
4023	2010/06/22 18:07:37	0.750	74.6	10.2
4024	2010/06/22 18:07:39	0.625	74.4	10.2
4025	2010/06/22 18:07:54	1.000	80.5	10.8
4026	2010/06/22 18:07:59	0.750	72.6	8.9
4027	2010/06/22 18:08:15	0.875	80.9	11.4
4028	2010/06/22 18:09:38	1.000	81.0	9.7



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4029	2010/06/22 18:09:48	0.875	87.5	11.4
4030	2010/06/22 18:09:50	1.000	77.5	11.3
4031	2010/06/22 18:09:55	1.000	73.2	8.7
4032	2010/06/22 18:10:00	0.875	74.6	6.2
4033	2010/06/22 18:10:02	0.875	66.9	7.1
4034	2010/06/22 18:10:05	0.750	72.1	9.8
4035	2010/06/22 18:10:54	0.750	76.2	10.2
4036	2010/06/22 18:10:55	0.750	73.8	7.1
4037	2010/06/22 18:11:04	1.000	67.5	9.9
4038	2010/06/22 18:11:19	0.625	70.0	9.6
4039	2010/06/22 18:11:32	1.000	77.1	7.1
4040	2010/06/22 18:11:47	0.625	68.3	12.1
4041	2010/06/22 18:11:54	0.875	88.2	12.1
4042	2010/06/22 18:11:56	1.000	78.5	11.1
4043	2010/06/22 18:12:05	1.000	82.9	10.9
4044	2010/06/22 18:12:13	0.750	79.5	12.1
4045	2010/06/22 18:12:14	1.000	72.4	11.3
4046	2010/06/22 18:12:15	0.750	73.1	8.7
4047	2010/06/22 18:12:17	0.875	71.8	8.9
4048	2010/06/22 18:12:25	0.625	81.2	11.6
4049	2010/06/22 18:13:06	0.750	88.7	11.4
4050	2010/06/22 18:13:10	0.750	79.1	10.9
4051	2010/06/22 18:13:47	0.625	87.3	11.3
4052	2010/06/22 18:13:54	0.750	85.8	9.9
4053	2010/06/22 18:14:19	1.000	80.2	10.2
4054	2010/06/22 18:14:32	1.000	81.7	7.4
4055	2010/06/22 18:14:42	1.000	82.7	8.7
4056	2010/06/22 18:14:51	0.625	85.1	9.9
4057	2010/06/22 18:15:01	1.000	81.1	6.6
4058	2010/06/22 18:15:16	0.625	90.8	10.6
4059	2010/06/22 18:15:20	0.625	95.1	11.9
4060	2010/06/22 18:15:37	0.500	81.1	12.0

4061	2010/06/22 18:15:59	1.000	69.4	7.9
4062	2010/06/22 18:16:02	0.625	79.5	11.2
4063	2010/06/22 18:16:08	0.750	73.6	8.3
4064	2010/06/22 18:16:41	0.875	69.6	8.0
4065	2010/06/22 18:16:47	0.875	63.4	7.4
4066	2010/06/22 18:16:54	0.750	75.9	9.1
4067	2010/06/22 18:17:05	0.875	70.6	9.0
4068	2010/06/22 18:17:14	1.000	70.0	7.1
4069	2010/06/22 18:17:15	0.625	66.7	6.8
4070	2010/06/22 18:17:21	0.625	78.7	9.8
4071	2010/06/22 18:17:55	0.875	77.8	9.3
4072	2010/06/22 18:18:31	0.875	71.0	10.1
4073	2010/06/22 18:18:43	0.750	79.7	10.6
4074	2010/06/22 18:18:53	0.625	81.3	11.7
4075	2010/06/22 18:18:55	0.875	89.2	10.7
4076	2010/06/22 18:19:00	0.625	89.2	11.8
4077	2010/06/22 18:19:43	0.875	72.9	8.2
4078	2010/06/22 18:19:49	0.625	65.0	9.2
4079	2010/06/22 18:20:11	0.750	72.7	10.3
4080	2010/06/22 18:20:12	0.750	67.3	9.5
4081	2010/06/22 18:20:31	1.000	82.2	10.9
4082	2010/06/22 18:20:35	1.000	73.5	9.4
4083	2010/06/22 18:20:37	1.000	76.6	10.2
4084	2010/06/22 18:20:40	0.750	67.9	7.7
4085	2010/06/22 18:20:50	0.625	73.6	9.5
4086	2010/06/22 18:20:58	0.625	78.2	7.8
4087	2010/06/22 18:20:59	0.875	84.5	10.4
4088	2010/06/22 18:21:08	0.625	71.7	9.9
4089	2010/06/22 18:21:21	0.750	80.5	10.8
4090	2010/06/22 18:21:52	1.000	87.0	8.6
4091	2010/06/22 18:22:10	0.625	74.6	11.5
4092	2010/06/22 18:22:58	1.000	77.6	7.7

4093	2010/06/22 18:23:41	1.000	71.1	10.3
4094	2010/06/22 18:24:11	0.625	78.9	8.1
4095	2010/06/22 18:24:38	0.875	68.2	6.7
4096	2010/06/22 18:24:44	0.625	71.4	9.2
4097	2010/06/22 18:25:30	0.625	76.7	10.7
4098	2010/06/22 18:26:44	0.750	79.1	11.6
4099	2010/06/22 18:26:45	1.000	81.4	8.6
4100	2010/06/22 18:27:00	1.000	68.2	8.2
4101	2010/06/22 18:27:02	0.750	80.3	12.0
4102	2010/06/22 18:27:16	0.750	65.4	8.4
4103	2010/06/22 18:27:57	0.875	82.5	10.5
4104	2010/06/22 18:28:00	0.625	77.9	10.0
4105	2010/06/22 18:28:09	0.875	73.0	8.6
4106	2010/06/22 18:28:13	0.875	81.9	8.0
4107	2010/06/22 18:28:25	0.625	69.8	9.5
4108	2010/06/22 18:28:33	1.000	64.1	7.2
4109	2010/06/22 18:28:53	0.750	68.2	8.4
4110	2010/06/22 18:29:03	0.625	78.3	10.2
4111	2010/06/22 18:29:06	0.750	81.8	11.5
4112	2010/06/22 18:29:47	0.500	66.0	6.2
4113	2010/06/22 18:29:49	0.875	80.9	11.4
4114	2010/06/22 18:29:58	0.750	63.8	8.3
4115	2010/06/22 18:30:10	1.000	73.9	8.7
4116	2010/06/22 18:30:21	0.625	75.8	11.7
4117	2010/06/22 18:30:23	1.000	68.4	10.2
4118	2010/06/22 18:30:30	0.750	82.5	11.2
4119	2010/06/22 18:30:31	0.625	74.7	11.0
4120	2010/06/22 18:30:48	0.750	75.6	10.3
4121	2010/06/22 18:31:11	0.875	71.1	9.3
4122	2010/06/22 18:31:51	0.750	84.0	11.3
4123	2010/06/22 18:32:15	0.875	75.8	8.2
4124	2010/06/22 18:32:19	0.875	72.5	8.5

4125	2010/06/22 18:32:43	0.875	69.0	10.2
4126	2010/06/22 18:32:44	0.750	80.2	10.4
4127	2010/06/22 18:32:49	0.875	74.0	9.0
4128	2010/06/22 18:32:54	0.875	92.7	12.0
4129	2010/06/22 18:32:59	0.625	66.6	11.9
4130	2010/06/22 18:33:27	0.625	71.2	8.7
4131	2010/06/22 18:33:38	0.875	75.5	9.1
4132	2010/06/22 18:33:41	0.875	82.2	10.5
4133	2010/06/22 18:33:54	0.875	76.3	8.8
4134	2010/06/22 18:33:59	0.750	78.6	11.6
4135	2010/06/22 18:34:00	1.000	76.9	7.7
4136	2010/06/22 18:34:14	0.875	73.2	9.3
4137	2010/06/22 18:34:18	1.000	89.0	7.3
4138	2010/06/22 18:34:25	0.750	82.6	8.2
4139	2010/06/22 18:34:27	0.625	78.2	8.5
4140	2010/06/22 18:34:34	0.750	60.8	7.3
4141	2010/06/22 18:34:35	0.750	61.1	7.6
4142	2010/06/22 18:34:43	0.875	83.8	9.8
4143	2010/06/22 18:35:23	0.750	84.2	10.1
4144	2010/06/22 18:35:26	1.000	82.2	6.1
4145	2010/06/22 18:35:27	1.000	76.3	6.4
4146	2010/06/22 18:35:29	0.625	74.4	7.3
4147	2010/06/22 18:35:33	0.500	90.7	11.4
4148	2010/06/22 18:35:34	0.875	84.9	9.6
4149	2010/06/22 18:35:58	1.000	82.6	6.4
4150	2010/06/22 18:36:07	1.000	70.3	8.7
4151	2010/06/22 18:36:18	0.875	71.0	8.1
4152	2010/06/22 18:36:28	0.750	68.3	7.3
4153	2010/06/22 18:36:55	0.750	64.1	6.1
4154	2010/06/22 18:37:03	0.750	75.8	10.5
4155	2010/06/22 18:37:05	1.000	74.5	9.9
4156	2010/06/22 18:37:36	0.750	77.0	10.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4157	2010/06/22 18:37:42	1.000	71.7	9.2
4158	2010/06/22 18:37:57	0.875	78.1	8.6
4159	2010/06/22 18:38:00	0.625	90.2	11.9
4160	2010/06/22 18:38:36	0.500	82.3	11.8
4161	2010/06/22 18:38:37	0.750	72.6	11.8
4162	2010/06/22 18:38:48	1.000	78.1	11.1
4163	2010/06/22 18:38:50	1.000	68.1	10.9
4164	2010/06/22 18:38:52	0.875	71.5	10.5
4165	2010/06/22 18:38:58	0.875	78.2	9.9
4166	2010/06/22 18:38:59	0.625	67.5	10.5
4167	2010/06/22 18:39:12	0.875	80.8	12.1
4168	2010/06/22 18:39:14	0.875	78.9	6.3
4169	2010/06/22 18:39:38	1.000	77.5	8.0
4170	2010/06/22 18:39:42	0.875	73.2	9.9
4171	2010/06/22 18:40:10	0.875	67.4	7.1
4172	2010/06/22 18:40:35	0.750	85.2	8.9
4173	2010/06/22 18:40:47	1.000	62.1	8.7
4174	2010/06/22 18:40:53	0.750	74.7	13.7
4175	2010/06/22 18:40:55	0.750	61.5	14.6
4176	2010/06/22 18:41:04	1.000	78.9	7.3
4177	2010/06/22 18:41:07	0.875	70.9	8.7
4178	2010/06/22 18:41:11	1.000	65.0	9.1
4179	2010/06/22 18:41:16	0.750	74.1	10.0
4180	2010/06/22 18:41:17	1.000	64.9	10.9
4181	2010/06/22 18:41:25	0.750	81.1	10.7
4182	2010/06/22 18:41:32	0.625	64.2	9.8
4183	2010/06/22 18:42:06	0.750	63.7	7.3
4184	2010/06/22 18:42:45	0.750	82.8	11.3
4185	2010/06/22 18:43:26	0.750	61.8	9.7
4186	2010/06/22 18:43:37	0.625	77.3	10.2
4187	2010/06/22 18:43:38	1.000	70.7	8.7
4188	2010/06/22 18:43:45	1.000	76.4	8.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4189	2010/06/22 18:44:19	0.750	71.7	7.9
4190	2010/06/22 18:44:50	1.000	81.7	7.5
4191	2010/06/22 18:45:05	0.875	71.4	10.7
4192	2010/06/22 18:45:28	0.750	88.5	10.5
4193	2010/06/22 18:45:53	1.000	74.9	8.4
4194	2010/06/22 18:46:03	0.625	76.9	12.6
4195	2010/06/22 18:46:06	0.625	71.2	11.6
4196	2010/06/22 18:46:26	1.000	72.2	9.8
4197	2010/06/22 18:46:27	0.875	69.1	6.9
4198	2010/06/22 18:46:39	0.750	81.4	9.9
4199	2010/06/22 18:46:44	0.625	91.2	11.0
4200	2010/06/22 18:47:13	0.875	86.4	9.2
4201	2010/06/22 18:47:23	0.875	79.9	10.2
4202	2010/06/22 18:47:49	1.000	73.8	10.3
4203	2010/06/22 18:47:56	0.750	72.0	9.5
4204	2010/06/22 18:48:38	1.000	62.4	6.9
4205	2010/06/22 18:48:41	0.875	82.7	11.3
4206	2010/06/22 18:48:46	0.625	84.6	11.9
4207	2010/06/22 18:49:00	0.875	78.0	7.8
4208	2010/06/22 18:49:45	0.875	81.8	10.2
4209	2010/06/22 18:50:48	0.875	74.7	8.4
4210	2010/06/22 18:50:52	0.750	74.5	8.8
4211	2010/06/22 18:50:55	0.750	72.0	10.6
4212	2010/06/22 18:50:58	0.625	76.7	10.3
4213	2010/06/22 18:51:45	0.875	67.4	7.5
4214	2010/06/22 18:52:04	1.000	77.2	12.4
4215	2010/06/22 18:52:06	0.875	70.1	10.9
4216	2010/06/22 18:52:17	0.875	68.2	11.2
4217	2010/06/22 18:52:23	0.875	76.6	9.6
4218	2010/06/22 18:53:14	0.750	86.9	9.8
4219	2010/06/22 18:53:23	0.750	91.2	11.3
4220	2010/06/22 18:53:32	0.750	82.0	9.4

4221	2010/06/22 18:54:00	0.625	64.1	8.8
4222	2010/06/22 18:54:23	0.750	83.7	11.1
4223	2010/06/22 18:54:34	0.875	79.4	10.2
4224	2010/06/22 18:55:09	0.750	83.0	10.1
4225	2010/06/22 18:55:19	0.750	69.4	6.2
4226	2010/06/22 18:55:30	0.500	69.9	11.2
4227	2010/06/22 18:55:34	1.000	69.1	8.6
4228	2010/06/22 18:55:37	0.625	76.3	11.3
4229	2010/06/22 18:56:35	0.750	68.0	10.5
4230	2010/06/22 18:56:37	0.875	62.9	8.7
4231	2010/06/22 18:56:46	0.625	65.5	9.9
4232	2010/06/22 18:57:27	0.750	70.4	7.5
4233	2010/06/22 18:57:37	0.625	78.4	11.3
4234	2010/06/22 18:58:14	0.750	69.1	11.8
4235	2010/06/22 18:58:21	0.625	79.1	9.3
4236	2010/06/22 18:58:35	0.625	93.9	12.0
4237	2010/06/22 18:58:51	0.625	78.1	10.4
4238	2010/06/22 18:59:56	1.000	73.9	8.9
4239	2010/06/22 18:59:58	1.000	71.2	8.3
4240	2010/06/22 19:00:06	1.000	66.9	9.2
4241	2010/06/22 19:01:00	0.750	75.2	9.1
4242	2010/06/22 19:01:05	1.000	60.3	8.9
4243	2010/06/22 19:02:00	1.000	64.4	9.5
4244	2010/06/22 19:02:38	1.000	61.1	8.2
4245	2010/06/22 19:02:57	1.000	62.3	7.8
4246	2010/06/22 19:03:19	0.750	68.7	10.6
4247	2010/06/22 19:03:40	0.875	69.1	11.4
4248	2010/06/22 19:03:59	0.625	63.4	11.3
4249	2010/06/22 19:04:07	0.750	62.0	9.6
4250	2010/06/22 19:05:26	1.000	62.2	7.4
4251	2010/06/22 19:06:36	0.750	71.0	10.1
4252	2010/06/22 19:06:49	0.750	63.6	9.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4253	2010/06/22 19:07:12	0.625	77.7	11.0
4254	2010/06/22 19:08:15	0.750	63.1	11.5
4255	2010/06/22 19:08:17	0.875	61.4	10.3
4256	2010/06/22 19:08:19	0.750	62.5	10.5
4257	2010/06/22 19:08:20	0.875	65.7	8.1
4258	2010/06/22 19:08:29	0.625	70.0	11.5
4259	2010/06/22 19:09:38	0.875	58.5	6.9
4260	2010/06/22 19:10:04	1.000	83.8	7.5
4261	2010/06/22 19:10:10	1.000	70.8	10.1
4262	2010/06/22 19:10:32	1.000	62.6	9.3
4263	2010/06/22 19:11:45	0.750	68.5	10.6
4264	2010/06/22 19:11:46	0.875	80.9	10.0
4265	2010/06/22 19:11:48	0.750	82.2	10.1
4266	2010/06/22 19:12:01	0.875	65.7	11.1
4267	2010/06/22 19:13:27	0.750	63.0	11.9
4268	2010/06/22 19:13:45	0.625	63.7	7.6
4269	2010/06/22 19:14:25	0.625	62.4	11.0
4270	2010/06/22 19:16:16	0.875	60.0	7.8
4271	2010/06/22 19:16:29	0.875	62.4	10.8
4272	2010/06/22 19:16:58	0.750	67.3	8.9
4273	2010/06/22 19:17:15	0.875	68.3	12.0
4274	2010/06/22 19:17:30	0.875	69.2	9.3
4275	2010/06/22 19:18:03	0.750	63.1	10.6
4276	2010/06/22 19:20:10	1.000	66.0	7.8
4277	2010/06/22 19:21:48	0.875	73.8	10.5
4278	2010/06/22 19:22:12	0.750	63.7	11.3
4279	2010/06/22 19:22:39	1.000	67.8	8.3
4280	2010/06/22 19:22:53	0.875	63.6	7.8
4281	2010/06/22 19:23:03	0.625	64.4	9.3
4282	2010/06/22 19:24:04	0.750	65.3	6.7
4283	2010/06/22 19:24:51	1.000	61.1	6.5
4284	2010/06/22 19:24:53	0.875	64.8	7.8



4285	2010/06/22 19:25:15	0.750	65.4	9.0
4286	2010/06/22 19:25:23	1.000	71.2	8.5
4287	2010/06/22 19:25:25	1.000	71.4	9.8
4288	2010/06/22 19:25:28	0.750	69.2	7.6
4289	2010/06/22 19:25:30	1.000	68.3	8.4
4290	2010/06/22 19:25:42	0.750	57.1	7.2
4291	2010/06/22 19:26:21	0.875	70.5	7.0
4292	2010/06/22 19:26:27	0.875	56.9	9.6
4293	2010/06/22 19:26:30	0.625	79.8	12.5
4294	2010/06/22 19:26:51	0.750	57.5	10.9
4295	2010/06/22 19:26:52	1.000	63.5	7.1
4296	2010/06/22 19:27:12	0.625	58.1	11.9
4297	2010/06/22 19:27:14	0.875	64.4	6.1
4298	2010/06/22 19:27:21	0.750	64.8	10.2
4299	2010/06/22 19:27:45	0.625	78.8	10.4
4300	2010/06/22 19:27:50	0.750	69.0	10.7
4301	2010/06/22 19:28:12	0.625	69.4	11.0
4302	2010/06/22 19:28:16	0.750	63.9	8.2
4303	2010/06/22 19:28:31	0.625	66.0	9.0
4304	2010/06/22 19:28:35	0.750	71.2	7.9
4305	2010/06/22 19:29:08	0.750	76.6	11.0
4306	2010/06/22 19:29:09	1.000	62.1	10.8
4307	2010/06/22 19:29:15	0.875	61.2	8.4
4308	2010/06/22 19:29:21	0.750	62.3	10.6
4309	2010/06/22 19:29:24	1.000	68.6	8.8
4310	2010/06/22 19:30:06	1.000	71.2	9.3
4311	2010/06/22 19:30:11	0.750	70.5	9.7
4312	2010/06/22 19:30:13	1.000	68.4	8.4
4313	2010/06/22 19:30:18	0.625	78.1	11.9
4314	2010/06/22 19:30:22	1.000	70.7	7.2
4315	2010/06/22 19:30:23	0.625	70.6	9.3
4316	2010/06/22 19:31:28	0.750	67.5	8.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4317	2010/06/22 19:31:47	0.750	69.3	7.4
4318	2010/06/22 19:32:37	0.750	66.0	10.8
4319	2010/06/22 19:32:47	1.000	62.4	9.7
4320	2010/06/22 19:32:51	1.000	75.1	9.5
4321	2010/06/22 19:33:01	0.750	66.6	8.4
4322	2010/06/22 19:33:02	1.000	61.8	7.2
4323	2010/06/22 19:33:24	0.625	80.1	10.6
4324	2010/06/22 19:33:25	0.750	74.6	8.4
4325	2010/06/22 19:33:52	0.750	73.3	10.2
4326	2010/06/22 19:34:09	0.750	69.9	11.5
4327	2010/06/22 19:34:23	0.875	76.7	9.5
4328	2010/06/22 19:34:25	0.625	71.4	6.9
4329	2010/06/22 19:34:29	0.625	72.9	11.4
4330	2010/06/22 19:34:31	0.750	64.3	10.7
4331	2010/06/22 19:35:01	1.000	63.0	6.5
4332	2010/06/22 19:36:29	0.875	66.0	9.2
4333	2010/06/22 19:37:27	0.750	63.2	8.5
4334	2010/06/22 19:37:57	0.875	69.8	7.9
4335	2010/06/22 19:38:00	1.000	57.8	8.1
4336	2010/06/22 19:38:04	1.000	64.8	6.8
4337	2010/06/22 19:38:25	1.000	64.8	10.7
4338	2010/06/22 19:38:28	0.625	67.2	8.9
4339	2010/06/22 19:40:18	0.750	64.9	8.1
4340	2010/06/22 19:41:44	0.750	61.0	9.1
4341	2010/06/22 19:41:57	0.875	57.3	9.4
4342	2010/06/22 19:42:48	0.875	64.1	11.7
4343	2010/06/22 19:43:09	0.625	62.5	9.1
4344	2010/06/22 19:43:58	0.875	56.8	7.4
4345	2010/06/22 19:44:22	0.875	71.3	6.7
4346	2010/06/22 19:44:58	0.875	59.5	8.8
4347	2010/06/22 19:45:18	0.875	59.6	7.0
4348	2010/06/22 19:45:49	0.750	65.5	8.5

4349	2010/06/22 19:45:52	0.875	62.6	8.2
4350	2010/06/22 19:45:56	0.750	61.3	7.9
4351	2010/06/22 19:46:16	0.625	61.0	8.7
4352	2010/06/22 19:48:11	0.875	72.2	11.3
4353	2010/06/22 19:49:24	0.875	62.5	10.2
4354	2010/06/22 19:50:09	0.625	64.8	10.3
4355	2010/06/22 19:50:26	1.000	73.0	8.3
4356	2010/06/22 19:51:29	1.000	63.1	7.4
4357	2010/06/22 19:51:52	0.750	63.2	10.4
4358	2010/06/22 19:51:58	0.625	64.6	9.8
4359	2010/06/22 19:52:15	0.625	64.4	10.1
4360	2010/06/22 19:53:14	0.625	73.4	11.2
4361	2010/06/22 19:55:57	0.750	67.5	7.8
4362	2010/06/22 19:56:53	1.000	63.2	6.7
4363	2010/06/22 19:57:00	1.000	57.8	8.0
4364	2010/06/22 19:57:02	0.750	63.4	9.9
4365	2010/06/22 19:57:33	0.625	82.2	11.2
4366	2010/06/22 19:58:00	1.000	65.1	6.4
4367	2010/06/22 19:59:34	0.875	74.5	6.5
4368	2010/06/22 20:00:48	0.875	75.9	10.2
4369	2010/06/22 20:01:01	0.750	71.8	9.5
4370	2010/06/22 20:03:36	1.000	63.1	8.4
4371	2010/06/22 20:04:18	0.625	59.5	10.4
4372	2010/06/22 20:05:19	1.000	61.0	7.0
4373	2010/06/22 20:06:18	0.750	65.7	10.9
4374	2010/06/22 20:07:03	0.750	73.6	9.8
4375	2010/06/22 20:07:54	0.750	66.3	10.4
4376	2010/06/22 20:08:05	0.625	62.4	10.5
4377	2010/06/22 20:08:27	0.750	71.1	12.7
4378	2010/06/22 20:08:30	0.875	81.1	9.0
4379	2010/06/22 20:10:04	0.625	70.4	10.8
4380	2010/06/22 20:10:06	1.000	62.4	10.8

4381	2010/06/22 20:10:08	0.625	71.4	11.2
4382	2010/06/22 20:10:58	0.625	61.7	7.1
4383	2010/06/22 20:11:09	1.000	61.3	6.7
4384	2010/06/22 20:12:02	0.625	72.9	11.3
4385	2010/06/22 20:12:16	0.750	64.9	10.1
4386	2010/06/22 20:14:35	0.875	71.1	6.6
4387	2010/06/22 20:15:36	1.000	62.6	8.3
4388	2010/06/22 20:16:14	0.875	67.2	8.5
4389	2010/06/22 20:16:29	1.000	62.4	7.7
4390	2010/06/22 20:17:18	1.000	64.5	10.2
4391	2010/06/22 20:19:54	0.875	70.9	9.4
4392	2010/06/22 20:20:44	1.000	71.9	8.9
4393	2010/06/22 20:21:04	1.000	63.4	9.0
4394	2010/06/22 20:21:41	1.000	89.8	9.6
4395	2010/06/22 20:22:05	0.875	73.2	8.2
4396	2010/06/22 20:22:07	0.750	74.5	9.2
4397	2010/06/22 20:22:16	0.875	70.9	8.7
4398	2010/06/22 20:22:25	0.750	83.5	9.8
4399	2010/06/22 20:22:36	1.000	78.9	10.2
4400	2010/06/22 20:23:00	1.000	67.3	8.0
4401	2010/06/22 20:23:07	1.000	83.8	9.9
4402	2010/06/22 20:24:09	0.875	78.1	10.8
4403	2010/06/22 20:24:13	0.750	64.7	12.0
4404	2010/06/22 20:24:15	1.000	87.3	10.2
4405	2010/06/22 20:24:19	0.875	65.1	12.0
4406	2010/06/22 20:25:25	0.750	65.9	9.7
4407	2010/06/22 20:25:32	1.000	75.3	7.2
4408	2010/06/22 20:25:45	1.000	74.4	10.1
4409	2010/06/22 20:25:47	0.750	70.1	7.7
4410	2010/06/22 20:25:51	1.000	72.0	9.1
4411	2010/06/22 20:26:01	0.875	71.5	9.6
4412	2010/06/22 20:26:08	0.625	87.7	12.2

4413	2010/06/22 20:26:14	0.875	66.3	10.8
4414	2010/06/22 20:26:20	1.000	77.8	11.0
4415	2010/06/22 20:26:27	0.875	64.3	10.6
4416	2010/06/22 20:26:45	0.625	80.8	11.8
4417	2010/06/22 20:27:40	0.625	67.4	11.2
4418	2010/06/22 20:27:57	1.000	61.7	10.2
4419	2010/06/22 20:28:31	0.875	72.6	10.9
4420	2010/06/22 20:28:38	0.625	61.2	7.3
4421	2010/06/22 20:28:40	0.750	64.4	9.8
4422	2010/06/22 20:29:24	0.875	71.1	8.5
4423	2010/06/22 20:30:06	0.750	82.2	11.0
4424	2010/06/22 20:30:31	0.750	61.1	13.6
4425	2010/06/22 20:30:38	0.750	72.6	10.3
4426	2010/06/22 20:30:54	0.875	74.9	8.7
4427	2010/06/22 20:32:10	0.625	76.9	11.4
4428	2010/06/22 20:32:11	1.000	78.6	10.2
4429	2010/06/22 20:32:12	0.875	80.8	10.5
4430	2010/06/22 20:32:44	0.750	86.0	10.8
4431	2010/06/22 20:33:10	0.750	77.9	9.6
4432	2010/06/22 20:33:19	0.750	69.6	9.9
4433	2010/06/22 20:33:33	0.625	64.8	7.0
4434	2010/06/22 20:33:58	0.750	67.0	9.1
4435	2010/06/22 20:33:59	1.000	72.1	8.1
4436	2010/06/22 20:34:11	0.875	78.5	8.7
4437	2010/06/22 20:34:13	1.000	76.2	8.5
4438	2010/06/22 20:34:20	1.000	85.3	11.0
4439	2010/06/22 20:34:24	0.750	78.7	7.9
4440	2010/06/22 20:35:13	1.000	73.8	8.4
4441	2010/06/22 20:35:40	0.875	79.9	11.2
4442	2010/06/22 20:36:55	0.500	79.9	12.5
4443	2010/06/22 20:37:47	0.750	61.4	9.1
4444	2010/06/22 20:38:06	0.625	79.2	11.9

4445	2010/06/22 20:38:11	0.750	69.9	10.9
4446	2010/06/22 20:38:26	0.750	84.6	10.7
4447	2010/06/22 20:38:26	0.750	82.2	8.2
4448	2010/06/22 20:38:28	0.875	77.4	7.6
4449	2010/06/22 20:38:29	0.750	77.2	7.7
4450	2010/06/22 20:38:35	0.875	75.9	7.2
4451	2010/06/22 20:40:15	0.875	75.0	9.4
4452	2010/06/22 20:41:05	0.750	78.6	9.6
4453	2010/06/22 20:42:45	0.625	73.9	10.6
4454	2010/06/22 20:43:07	0.750	71.8	8.1
4455	2010/06/22 20:43:42	0.500	88.1	11.9
4456	2010/06/22 20:43:45	0.750	78.8	9.5
4457	2010/06/22 20:43:51	0.875	71.5	6.5
4458	2010/06/22 20:43:54	0.750	63.7	7.1
4459	2010/06/22 20:45:09	1.000	64.0	9.2
4460	2010/06/22 20:45:25	0.875	66.4	9.7
4461	2010/06/22 20:45:26	1.000	76.3	8.5
4462	2010/06/22 20:45:54	0.875	82.1	10.9
4463	2010/06/22 20:46:20	0.875	66.7	7.7
4464	2010/06/22 20:46:33	0.875	63.3	10.8
4465	2010/06/22 20:47:05	0.625	63.7	6.3
4466	2010/06/22 20:47:12	1.000	58.2	6.1
4467	2010/06/22 20:48:15	0.875	78.2	8.5
4468	2010/06/22 20:48:40	0.875	71.6	8.4
4469	2010/06/22 20:49:08	0.625	67.2	8.6
4470	2010/06/22 20:50:29	0.750	84.0	9.9
4471	2010/06/22 20:50:29	0.875	85.5	6.9
4472	2010/06/22 20:50:51	0.750	73.2	9.8
4473	2010/06/22 20:51:30	0.875	83.1	9.8
4474	2010/06/22 20:51:55	0.750	68.5	10.2
4475	2010/06/22 20:52:03	0.875	74.1	7.5
4476	2010/06/22 20:52:06	1.000	68.8	7.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4477	2010/06/22 20:52:12	0.750	91.0	10.6
4478	2010/06/22 20:52:19	1.000	68.2	11.5
4479	2010/06/22 20:52:24	0.500	97.0	12.7
4480	2010/06/22 20:52:33	0.875	80.8	8.6
4481	2010/06/22 20:53:04	0.750	71.9	8.4
4482	2010/06/22 20:53:05	0.750	74.3	9.1
4483	2010/06/22 20:53:08	0.750	88.5	12.3
4484	2010/06/22 20:53:16	1.000	72.7	7.2
4485	2010/06/22 20:54:06	0.625	75.5	11.3
4486	2010/06/22 20:54:20	1.000	88.5	9.0
4487	2010/06/22 20:54:21	0.875	83.8	6.8
4488	2010/06/22 20:55:10	0.750	81.5	9.2
4489	2010/06/22 20:56:07	1.000	85.3	10.8
4490	2010/06/22 20:56:22	1.000	73.1	6.7
4491	2010/06/22 20:57:07	0.875	66.1	7.7
4492	2010/06/22 20:57:21	0.625	75.6	11.5
4493	2010/06/22 20:57:33	0.750	76.8	7.2
4494	2010/06/22 20:57:44	0.625	78.4	10.8
4495	2010/06/22 20:58:21	0.875	64.3	8.3
4496	2010/06/22 20:58:31	1.000	73.5	8.6
4497	2010/06/22 20:58:39	0.625	82.3	12.2
4498	2010/06/22 20:59:02	0.750	68.0	8.2
4499	2010/06/22 20:59:17	0.625	72.3	7.6
4500	2010/06/22 21:00:38	0.750	83.8	9.5
4501	2010/06/22 21:01:09	0.875	74.1	10.5
4502	2010/06/22 21:01:13	0.875	69.1	6.8
4503	2010/06/22 21:01:18	1.000	70.2	9.9
4504	2010/06/22 21:01:48	0.625	66.1	12.2
4505	2010/06/22 21:02:04	0.500	64.7	11.8
4506	2010/06/22 21:02:08	0.625	63.5	12.4
4507	2010/06/22 21:02:18	0.625	63.2	9.4
4508	2010/06/22 21:02:36	1.000	62.0	8.7

4509	2010/06/22 21:02:40	1.000	69.2	11.5
4510	2010/06/22 21:02:53	0.625	80.0	12.3
4511	2010/06/22 21:03:00	0.750	75.7	10.8
4512	2010/06/22 21:03:25	0.625	61.9	6.9
4513	2010/06/22 21:03:27	0.750	65.4	9.4
4514	2010/06/22 21:03:34	1.000	78.8	10.1
4515	2010/06/22 21:03:38	0.750	78.2	11.2
4516	2010/06/22 21:03:42	0.750	71.7	8.8
4517	2010/06/22 21:03:46	1.000	80.4	12.4
4518	2010/06/22 21:03:58	1.000	64.9	11.0
4519	2010/06/22 21:04:15	1.000	79.1	7.9
4520	2010/06/22 21:04:23	0.750	69.9	6.7
4521	2010/06/22 21:04:31	0.750	78.3	11.2
4522	2010/06/22 21:04:38	0.625	72.9	11.0
4523	2010/06/22 21:04:40	0.750	75.5	9.9
4524	2010/06/22 21:04:42	0.625	71.8	11.0
4525	2010/06/22 21:04:45	0.750	74.8	10.1
4526	2010/06/22 21:04:50	0.625	75.0	10.1
4527	2010/06/22 21:04:58	0.625	70.3	11.0
4528	2010/06/22 21:05:02	1.000	69.3	11.3
4529	2010/06/22 21:05:06	0.625	67.6	9.5
4530	2010/06/22 21:05:09	1.000	74.1	8.2
4531	2010/06/22 21:05:17	0.625	66.3	12.1
4532	2010/06/22 21:05:21	0.750	66.2	7.8
4533	2010/06/22 21:05:38	0.875	68.4	9.3
4534	2010/06/22 21:05:43	0.750	68.9	8.1
4535	2010/06/22 21:06:06	0.875	76.2	7.4
4536	2010/06/22 21:06:09	0.750	72.0	8.5
4537	2010/06/22 21:06:16	0.750	71.7	8.8
4538	2010/06/22 21:07:02	0.750	84.4	9.8
4539	2010/06/22 21:07:03	1.000	82.5	8.6
4540	2010/06/22 21:07:07	0.625	66.2	10.4



4541	2010/06/22 21:07:24	0.875	68.6	6.7
4542	2010/06/22 21:07:26	1.000	69.0	9.2
4543	2010/06/22 21:07:50	0.875	64.8	8.6
4544	2010/06/22 21:08:19	0.875	64.5	8.9
4545	2010/06/22 21:08:20	0.875	68.7	6.5
4546	2010/06/22 21:09:38	1.000	76.7	7.2
4547	2010/06/22 21:09:43	0.625	80.1	11.6
4548	2010/06/22 21:11:41	1.000	68.2	8.4
4549	2010/06/22 21:11:43	1.000	66.6	7.0
4550	2010/06/22 21:11:52	1.000	68.6	8.8
4551	2010/06/22 21:11:59	0.750	62.2	10.8
4552	2010/06/22 21:12:04	0.875	80.7	9.4
4553	2010/06/22 21:12:06	0.750	66.3	10.2
4554	2010/06/22 21:12:36	1.000	76.2	8.1
4555	2010/06/22 21:13:00	0.625	75.6	7.9
4556	2010/06/22 21:14:00	0.875	68.7	7.2
4557	2010/06/22 21:14:22	0.750	82.2	10.4
4558	2010/06/22 21:15:29	0.875	76.2	9.7
4559	2010/06/22 21:15:33	0.625	83.5	11.8
4560	2010/06/22 21:15:55	1.000	67.0	6.6
4561	2010/06/22 21:17:31	0.625	65.9	9.0
4562	2010/06/22 21:18:05	0.625	67.3	7.7
4563	2010/06/22 21:18:22	0.875	76.2	10.5
4564	2010/06/22 21:18:32	0.500	83.6	12.1
4565	2010/06/22 21:18:36	0.750	85.8	8.3
4566	2010/06/22 21:19:41	0.875	87.0	10.8
4567	2010/06/22 21:19:45	1.000	75.7	8.6
4568	2010/06/22 21:20:19	0.750	69.2	9.3
4569	2010/06/22 21:20:38	0.625	71.6	9.7
4570	2010/06/22 21:22:12	0.625	63.6	8.6
4571	2010/06/22 21:22:23	1.000	76.6	8.7
4572	2010/06/22 21:22:33	0.750	76.9	9.4

4573	2010/06/22 21:22:34	0.875	77.7	9.5
4574	2010/06/22 21:22:38	0.875	66.2	8.0
4575	2010/06/22 21:23:52	0.750	77.5	11.5
4576	2010/06/22 21:24:00	0.625	82.7	11.2
4577	2010/06/22 21:24:26	0.625	64.2	12.2
4578	2010/06/22 21:24:49	0.625	81.4	11.0
4579	2010/06/22 21:24:51	0.750	71.7	10.9
4580	2010/06/22 21:24:54	0.875	69.6	8.0
4581	2010/06/22 21:24:57	0.750	67.3	10.3
4582	2010/06/22 21:24:58	0.750	76.6	9.8
4583	2010/06/22 21:25:15	0.875	71.2	6.6
4584	2010/06/22 21:25:23	1.000	75.3	11.4
4585	2010/06/22 21:25:40	0.750	79.0	9.7
4586	2010/06/22 21:26:13	0.625	83.0	10.9
4587	2010/06/22 21:26:38	0.750	80.0	9.1
4588	2010/06/22 21:26:51	0.875	80.0	10.7
4589	2010/06/22 21:27:01	1.000	82.0	9.5
4590	2010/06/22 21:27:18	0.625	65.1	7.8
4591	2010/06/22 21:27:40	0.750	79.1	10.1
4592	2010/06/22 21:28:22	1.000	66.1	9.4
4593	2010/06/22 21:28:52	1.000	68.4	8.6
4594	2010/06/22 21:29:53	0.625	76.8	11.6
4595	2010/06/22 21:29:56	0.750	60.1	12.4
4596	2010/06/22 21:30:01	0.625	69.6	9.1
4597	2010/06/22 21:30:32	0.750	76.4	10.6
4598	2010/06/22 21:31:55	0.875	86.3	7.1
4599	2010/06/22 21:32:10	0.875	65.8	9.1
4600	2010/06/22 21:32:48	0.875	68.6	9.2
4601	2010/06/22 21:32:49	0.500	67.2	9.5
4602	2010/06/22 21:37:21	0.875	68.4	7.8
4603	2010/06/22 21:37:24	0.750	62.8	7.7
4604	2010/06/22 21:37:25	0.875	64.5	9.0

4605	2010/06/22 21:38:01	0.875	75.7	11.7
4606	2010/06/22 21:38:18	0.875	70.6	11.5
4607	2010/06/22 21:38:22	0.625	79.5	10.9
4608	2010/06/22 21:38:25	0.500	74.2	11.2
4609	2010/06/22 21:38:27	1.000	81.8	11.7
4610	2010/06/22 21:38:31	0.750	69.3	11.7
4611	2010/06/22 21:38:40	0.625	70.3	12.2
4612	2010/06/22 21:38:45	0.625	70.8	13.0
4613	2010/06/22 21:38:47	0.750	79.1	13.1
4614	2010/06/22 21:38:49	0.625	79.3	11.9
4615	2010/06/22 21:38:51	0.625	82.2	11.8
4616	2010/06/22 21:38:55	0.750	72.3	11.2
4617	2010/06/22 21:38:57	0.875	68.8	8.0
4618	2010/06/22 21:38:59	1.000	77.9	10.3
4619	2010/06/22 21:39:00	0.875	76.8	8.2
4620	2010/06/22 21:39:03	0.500	80.9	12.2
4621	2010/06/22 21:39:09	0.500	80.5	12.3
4622	2010/06/22 21:39:14	1.000	69.6	9.6
4623	2010/06/22 21:39:15	0.750	80.4	12.4
4624	2010/06/22 21:39:19	0.750	81.4	11.0
4625	2010/06/22 21:39:20	1.000	76.0	10.3
4626	2010/06/22 21:39:23	0.625	88.4	13.3
4627	2010/06/22 21:39:23	0.625	82.1	12.4
4628	2010/06/22 21:39:30	0.625	77.1	11.2
4629	2010/06/22 21:39:32	1.000	81.3	10.3
4630	2010/06/22 21:39:41	0.500	75.2	9.6
4631	2010/06/22 21:39:43	0.750	82.8	12.3
4632	2010/06/22 21:39:44	0.750	78.8	11.0
4633	2010/06/22 21:39:45	0.500	74.7	10.6
4634	2010/06/22 21:39:52	0.625	68.9	10.6
4635	2010/06/22 21:39:57	0.625	81.6	11.6
4636	2010/06/22 21:40:00	0.625	84.9	12.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4637	2010/06/22 21:40:04	0.625	89.0	12.8
4638	2010/06/22 21:40:07	0.750	84.5	8.6
4639	2010/06/22 21:40:09	0.625	85.7	12.5
4640	2010/06/22 21:40:13	0.750	93.5	13.6
4641	2010/06/22 21:40:27	1.000	80.3	10.4
4642	2010/06/22 21:40:30	0.625	79.7	12.1
4643	2010/06/22 21:40:37	0.750	88.4	12.8
4644	2010/06/22 21:40:42	0.625	81.5	11.0
4645	2010/06/22 21:41:32	0.750	89.7	12.2
4646	2010/06/22 21:41:35	0.625	89.7	12.5
4647	2010/06/22 21:41:36	0.625	82.3	13.0
4648	2010/06/22 21:41:42	1.000	89.5	11.3
4649	2010/06/22 21:42:02	0.875	89.4	10.3
4650	2010/06/22 21:42:03	1.000	86.9	9.7
4651	2010/06/22 21:42:05	0.875	92.4	12.6
4652	2010/06/22 21:42:06	0.625	92.0	10.0
4653	2010/06/22 21:42:11	1.000	90.6	11.6
4654	2010/06/22 21:42:19	0.875	87.6	8.6
4655	2010/06/22 21:43:10	1.000	75.8	9.0
4656	2010/06/22 21:43:11	0.625	75.8	8.2
4657	2010/06/22 21:43:18	0.500	82.6	12.2
4658	2010/06/22 21:43:20	0.500	88.8	13.8
4659	2010/06/22 21:43:25	0.625	76.3	11.8
4660	2010/06/22 21:43:27	1.000	88.7	13.3
4661	2010/06/22 21:43:30	0.750	87.5	11.7
4662	2010/06/22 21:43:31	0.750	75.2	12.5
4663	2010/06/22 21:43:34	0.625	80.9	12.9
4664	2010/06/22 21:43:37	0.875	87.1	10.6
4665	2010/06/22 21:43:44	0.750	71.0	11.9
4666	2010/06/22 21:43:47	0.500	80.5	13.7
4667	2010/06/22 21:43:50	0.625	73.8	10.9
4668	2010/06/22 21:43:54	0.500	76.3	13.6

4669	2010/06/22 21:44:01	0.875	75.7	12.2
4670	2010/06/22 21:44:05	0.750	67.2	10.5
4671	2010/06/22 21:44:06	0.625	70.9	11.9
4672	2010/06/22 21:44:19	0.750	62.7	9.3
4673	2010/06/22 21:44:39	1.000	70.8	7.7
4674	2010/06/22 21:45:24	1.000	67.7	7.9
4675	2010/06/22 21:46:07	0.750	75.0	10.0
4676	2010/06/22 21:46:27	0.625	65.2	8.5
4677	2010/06/22 21:46:30	0.875	72.6	10.0
4678	2010/06/22 21:46:32	0.750	68.4	8.6
4679	2010/06/22 21:47:13	1.000	68.1	7.3
4680	2010/06/22 21:47:30	1.000	67.4	10.2
4681	2010/06/22 21:47:50	1.000	65.8	8.4
4682	2010/06/22 21:48:00	0.500	76.9	13.8
4683	2010/06/22 21:48:07	1.000	76.1	11.2
4684	2010/06/22 21:48:08	0.625	69.9	11.1
4685	2010/06/22 21:48:12	0.625	75.7	12.7
4686	2010/06/22 21:48:17	0.500	78.7	12.9
4687	2010/06/22 21:48:25	0.625	79.3	12.7
4688	2010/06/22 21:48:33	0.750	74.6	7.8
4689	2010/06/22 21:48:41	1.000	78.0	12.4
4690	2010/06/22 21:48:44	0.500	71.1	11.7
4691	2010/06/22 21:49:10	0.500	67.2	11.6
4692	2010/06/22 21:49:11	0.750	66.3	9.6
4693	2010/06/22 21:49:31	1.000	66.6	8.6
4694	2010/06/22 21:49:48	1.000	79.1	7.7
4695	2010/06/22 21:49:54	0.625	60.6	9.3
4696	2010/06/22 21:50:05	0.500	69.3	12.2
4697	2010/06/22 21:50:06	0.625	67.7	8.6
4698	2010/06/22 21:50:18	0.750	69.6	10.7
4699	2010/06/22 21:50:21	0.875	63.4	10.6
4700	2010/06/22 21:50:29	0.625	59.5	9.1

4701	2010/06/22 21:50:35	0.625	62.8	11.5
4702	2010/06/22 21:50:35	0.500	63.8	11.0
4703	2010/06/22 21:50:37	1.000	59.4	8.5
4704	2010/06/22 21:50:39	0.500	68.9	13.1
4705	2010/06/22 21:50:46	0.750	68.4	12.4
4706	2010/06/22 21:50:47	0.875	59.2	12.3
4707	2010/06/22 21:50:51	0.625	61.4	11.3
4708	2010/06/22 21:50:53	0.625	60.5	10.5
4709	2010/06/22 21:50:56	0.500	66.0	12.5
4710	2010/06/22 21:50:57	0.875	79.6	9.7
4711	2010/06/22 21:51:09	0.500	64.5	11.7
4712	2010/06/22 21:51:38	0.875	63.6	10.0
4713	2010/06/22 21:51:42	0.875	64.9	10.2
4714	2010/06/22 21:51:50	0.625	66.2	13.5
4715	2010/06/22 21:52:05	1.000	69.2	9.2
4716	2010/06/22 21:52:18	0.875	67.9	12.1
4717	2010/06/22 21:52:19	0.875	66.1	9.9
4718	2010/06/22 21:52:20	0.875	70.9	12.0
4719	2010/06/22 21:52:28	0.750	69.4	8.3
4720	2010/06/22 21:52:31	0.625	63.4	8.9
4721	2010/06/22 21:52:32	0.625	67.2	12.0
4722	2010/06/22 21:52:34	0.750	71.8	9.6
4723	2010/06/22 21:52:36	1.000	79.8	8.6
4724	2010/06/22 21:52:41	0.875	67.3	9.1
4725	2010/06/22 21:52:44	0.500	77.1	12.6
4726	2010/06/22 21:52:47	0.750	74.2	11.1
4727	2010/06/22 21:52:49	0.875	70.9	9.3
4728	2010/06/22 21:52:51	0.750	78.6	12.3
4729	2010/06/22 21:53:03	0.500	70.8	13.1
4730	2010/06/22 21:53:07	0.875	81.5	10.2
4731	2010/06/22 21:53:12	0.750	74.0	10.0
4732	2010/06/22 21:53:30	0.625	80.8	8.7

4733	2010/06/22 21:53:42	0.750	68.7	9.5
4734	2010/06/22 21:53:46	0.625	67.4	11.5
4735	2010/06/22 21:54:16	0.875	74.3	10.3
4736	2010/06/22 21:54:21	1.000	85.3	9.2
4737	2010/06/22 21:55:25	0.750	75.2	9.8
4738	2010/06/22 21:55:30	0.625	76.6	10.0
4739	2010/06/22 21:55:46	1.000	67.8	10.0
4740	2010/06/22 21:56:06	0.750	73.5	10.1
4741	2010/06/22 21:56:27	0.875	74.0	6.6
4742	2010/06/22 21:56:32	0.875	69.6	7.3
4743	2010/06/22 21:56:39	0.625	79.6	11.3
4744	2010/06/22 21:56:46	1.000	85.9	9.1
4745	2010/06/22 21:57:01	1.000	69.2	7.6
4746	2010/06/22 21:57:09	0.750	72.5	9.0
4747	2010/06/22 21:57:32	1.000	75.0	8.4
4748	2010/06/22 21:58:05	1.000	74.1	7.4
4749	2010/06/22 21:58:12	0.625	66.2	12.1
4750	2010/06/22 21:58:14	1.000	69.9	7.4
4751	2010/06/22 21:58:24	0.875	83.2	9.4
4752	2010/06/22 21:58:26	0.750	74.5	10.1
4753	2010/06/22 21:58:50	0.750	82.1	9.6
4754	2010/06/22 21:59:01	1.000	67.9	9.9
4755	2010/06/22 21:59:08	1.000	68.1	7.4
4756	2010/06/22 21:59:14	0.750	76.0	11.3
4757	2010/06/22 21:59:35	0.625	65.7	11.8
4758	2010/06/22 21:59:42	0.875	74.8	6.4
4759	2010/06/22 22:00:02	1.000	76.6	9.2
4760	2010/06/22 22:00:32	0.625	66.8	7.1
4761	2010/06/22 22:01:12	1.000	69.8	10.1
4762	2010/06/22 22:02:26	1.000	65.0	9.4
4763	2010/06/22 22:02:29	0.750	63.3	8.3
4764	2010/06/22 22:02:45	1.000	66.2	9.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4765	2010/06/22 22:02:59	1.000	71.0	8.1
4766	2010/06/22 22:03:00	1.000	68.2	6.7
4767	2010/06/22 22:03:03	0.625	66.2	8.4
4768	2010/06/22 22:03:07	0.750	65.9	9.2
4769	2010/06/22 22:03:34	0.750	65.7	8.6
4770	2010/06/22 22:03:38	1.000	61.7	7.6
4771	2010/06/22 22:04:00	0.750	64.0	8.9
4772	2010/06/22 22:04:16	0.625	68.4	10.8
4773	2010/06/22 22:04:27	0.750	63.0	8.4
4774	2010/06/22 22:04:45	0.625	74.0	11.5
4775	2010/06/22 22:04:46	0.875	69.5	9.4
4776	2010/06/22 22:05:00	1.000	77.4	8.7
4777	2010/06/22 22:05:04	0.875	77.7	9.4
4778	2010/06/22 22:05:28	0.750	68.9	8.5
4779	2010/06/22 22:05:31	0.875	74.2	9.0
4780	2010/06/22 22:05:50	0.750	66.6	10.3
4781	2010/06/22 22:05:52	0.750	74.4	9.3
4782	2010/06/22 22:06:22	0.625	65.5	10.4
4783	2010/06/22 22:06:48	0.875	62.3	7.0
4784	2010/06/22 22:06:53	0.750	64.1	8.8
4785	2010/06/22 22:06:56	0.625	63.1	11.5
4786	2010/06/22 22:07:48	0.750	64.4	8.3
4787	2010/06/22 22:07:58	0.875	66.6	8.7
4788	2010/06/22 22:09:25	0.875	69.4	11.7
4789	2010/06/22 22:10:00	0.625	65.0	10.2
4790	2010/06/22 22:10:03	0.750	69.5	9.5
4791	2010/06/22 22:10:11	0.875	65.5	7.4
4792	2010/06/22 22:11:17	1.000	61.8	8.6
4793	2010/06/22 22:11:20	0.750	76.9	12.3
4794	2010/06/22 22:11:21	0.625	69.4	11.1
4795	2010/06/22 22:12:31	1.000	64.4	9.6
4796	2010/06/22 22:12:46	0.625	72.2	11.0



4797	2010/06/22 22:12:56	0.875	64.9	12.1
4798	2010/06/22 22:12:59	0.750	71.7	10.6
4799	2010/06/22 22:13:08	0.875	62.0	6.6
4800	2010/06/22 22:13:14	0.750	67.0	8.6
4801	2010/06/22 22:14:04	0.875	60.2	10.6
4802	2010/06/22 22:14:38	0.875	65.4	9.8
4803	2010/06/22 22:15:00	0.625	74.4	11.5
4804	2010/06/22 22:15:05	0.750	76.3	8.6
4805	2010/06/22 22:15:45	1.000	79.7	10.3
4806	2010/06/22 22:15:46	0.875	70.1	11.2
4807	2010/06/22 22:16:30	1.000	69.0	10.7
4808	2010/06/22 22:16:44	1.000	71.0	10.4
4809	2010/06/22 22:18:06	0.875	82.2	10.0
4810	2010/06/22 22:18:17	1.000	76.7	6.3
4811	2010/06/22 22:18:19	0.625	74.6	7.7
4812	2010/06/22 22:18:49	0.625	85.7	12.4
4813	2010/06/22 22:18:51	0.625	65.9	14.1
4814	2010/06/22 22:19:11	0.625	64.7	7.8
4815	2010/06/22 22:19:21	0.750	62.3	8.9
4816	2010/06/22 22:19:25	0.625	72.1	12.1
4817	2010/06/22 22:19:35	0.875	73.3	11.2
4818	2010/06/22 22:19:36	0.750	71.9	8.9
4819	2010/06/22 22:19:43	0.875	62.3	7.7
4820	2010/06/22 22:20:18	1.000	64.3	9.1
4821	2010/06/22 22:20:49	0.875	71.7	9.1
4822	2010/06/22 22:21:29	0.875	64.4	10.1
4823	2010/06/22 22:21:53	0.875	63.7	6.9
4824	2010/06/22 22:22:26	0.750	78.5	10.2
4825	2010/06/22 22:23:16	0.875	61.1	7.1
4826	2010/06/22 22:23:25	1.000	71.2	10.1
4827	2010/06/22 22:23:31	0.750	82.7	10.0
4828	2010/06/22 22:24:12	0.500	70.1	13.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4829	2010/06/22 22:24:14	0.625	75.0	10.1
4830	2010/06/22 22:24:57	0.750	66.9	8.6
4831	2010/06/22 22:25:11	0.750	71.3	9.6
4832	2010/06/22 22:25:25	0.750	68.1	10.4
4833	2010/06/22 22:25:48	1.000	66.1	8.3
4834	2010/06/22 22:26:06	0.625	70.0	11.2
4835	2010/06/22 22:26:10	0.750	78.2	11.0
4836	2010/06/22 22:26:21	0.750	68.8	7.2
4837	2010/06/22 22:26:37	0.750	64.2	8.8
4838	2010/06/22 22:27:39	0.875	80.3	9.5
4839	2010/06/22 22:27:53	0.500	70.5	13.3
4840	2010/06/22 22:27:55	0.625	75.2	13.7
4841	2010/06/22 22:28:02	0.625	69.9	12.4
4842	2010/06/22 22:28:06	0.500	78.7	13.5
4843	2010/06/22 22:28:14	1.000	66.4	9.5
4844	2010/06/22 22:28:20	1.000	69.0	11.4
4845	2010/06/22 22:28:24	0.625	74.4	12.9
4846	2010/06/22 22:28:28	0.750	58.6	13.8
4847	2010/06/22 22:28:31	0.750	67.2	11.6
4848	2010/06/22 22:28:48	0.500	73.6	13.5
4849	2010/06/22 22:28:48	0.500	66.5	14.0
4850	2010/06/22 22:28:49	0.625	61.2	13.9
4851	2010/06/22 22:29:10	0.750	68.1	10.8
4852	2010/06/22 22:29:12	0.750	61.4	8.6
4853	2010/06/22 22:29:14	0.625	66.6	10.4
4854	2010/06/22 22:29:20	1.000	57.7	7.6
4855	2010/06/22 22:30:13	0.625	69.3	11.6
4856	2010/06/22 22:30:38	0.625	62.7	11.5
4857	2010/06/22 22:30:44	0.875	76.2	9.2
4858	2010/06/22 22:30:49	1.000	65.2	7.2
4859	2010/06/22 22:30:51	0.750	72.1	11.4
4860	2010/06/22 22:31:06	1.000	67.1	7.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

4861	2010/06/22 22:31:27	0.875	75.6	9.8
4862	2010/06/22 22:31:28	0.750	64.7	10.0
4863	2010/06/22 22:31:30	0.625	63.7	10.2
4864	2010/06/22 22:31:32	0.500	64.2	11.1
4865	2010/06/22 22:31:33	1.000	71.0	10.3
4866	2010/06/22 22:31:43	0.625	67.1	11.3
4867	2010/06/22 22:31:48	0.750	66.0	12.6
4868	2010/06/22 22:32:01	0.625	68.9	11.8
4869	2010/06/22 22:32:05	0.625	69.0	9.8
4870	2010/06/22 22:32:06	0.750	61.0	10.3
4871	2010/06/22 22:32:24	0.625	70.3	12.1
4872	2010/06/22 22:32:48	1.000	66.0	9.6
4873	2010/06/22 22:33:12	0.750	81.3	10.2
4874	2010/06/22 22:33:35	1.000	70.8	8.3
4875	2010/06/22 22:33:41	1.000	66.8	8.4
4876	2010/06/22 22:37:42	1.000	61.5	7.6
4877	2010/06/22 22:39:17	0.750	60.6	11.2
4878	2010/06/22 22:41:11	0.750	64.8	8.0
4879	2010/06/22 22:41:13	0.750	66.9	7.2
4880	2010/06/22 22:42:43	0.625	61.3	10.4
4881	2010/06/22 22:44:16	0.750	60.2	8.5
4882	2010/06/22 22:44:55	0.625	64.2	7.5
4883	2010/06/22 22:46:23	1.000	60.1	6.7
4884	2010/06/22 22:47:13	0.750	76.1	7.5
4885	2010/06/22 22:47:35	0.750	79.9	9.7
4886	2010/06/22 22:48:03	0.875	66.1	8.2
4887	2010/06/22 22:48:13	0.875	79.2	8.7
4888	2010/06/22 22:48:14	0.750	73.7	7.1
4889	2010/06/22 22:48:16	0.625	67.5	8.9
4890	2010/06/22 22:48:28	0.750	64.8	10.9
4891	2010/06/22 22:48:42	0.625	68.7	12.4
4892	2010/06/22 22:48:43	0.500	76.8	12.5

4893	2010/06/22 22:48:52	0.625	72.9	10.7
4894	2010/06/22 22:48:54	0.875	58.9	11.3
4895	2010/06/22 22:49:20	0.875	68.9	11.4
4896	2010/06/22 22:49:35	1.000	58.8	7.5
4897	2010/06/22 22:49:39	0.625	64.7	11.7
4898	2010/06/22 22:49:44	0.750	87.7	8.4
4899	2010/06/22 22:49:58	0.875	68.5	9.6
4900	2010/06/22 22:50:00	1.000	65.8	9.3
4901	2010/06/22 22:50:01	0.875	63.3	7.2
4902	2010/06/22 22:50:12	1.000	72.7	12.3
4903	2010/06/22 22:50:25	1.000	76.3	9.7
4904	2010/06/22 22:51:13	0.750	59.0	9.1
4905	2010/06/22 22:51:19	1.000	61.9	9.7
4906	2010/06/22 22:51:35	0.750	67.0	8.4
4907	2010/06/22 22:51:46	1.000	60.2	7.5
4908	2010/06/22 22:52:18	0.875	60.8	8.5
4909	2010/06/22 22:52:28	0.750	72.4	11.6
4910	2010/06/22 22:52:37	0.625	70.1	12.1
4911	2010/06/22 22:52:41	0.625	67.1	11.1
4912	2010/06/22 22:53:11	1.000	63.4	6.8
4913	2010/06/22 22:53:36	0.625	68.0	10.8
4914	2010/06/22 22:53:47	0.750	67.6	8.9
4915	2010/06/22 22:54:03	1.000	75.7	10.6
4916	2010/06/22 22:54:11	1.000	76.9	8.7
4917	2010/06/22 22:54:23	0.750	68.6	10.6
4918	2010/06/22 22:54:31	1.000	57.8	6.6
4919	2010/06/22 22:54:35	0.625	68.2	10.0
4920	2010/06/22 22:54:38	0.875	72.9	8.8
4921	2010/06/22 22:55:02	0.875	74.7	11.6
4922	2010/06/22 22:55:26	0.875	76.4	11.2
4923	2010/06/22 22:55:39	0.875	74.5	10.1
4924	2010/06/22 22:55:55	1.000	79.3	10.6

4925	2010/06/22 22:56:20	0.875	71.6	7.1
4926	2010/06/22 22:56:38	0.750	86.0	9.4
4927	2010/06/22 22:56:56	0.875	67.2	7.3
4928	2010/06/22 22:57:21	1.000	72.5	11.5
4929	2010/06/22 22:57:28	1.000	65.2	11.1
4930	2010/06/22 22:57:35	0.625	73.4	12.3
4931	2010/06/22 22:57:38	0.875	82.7	9.9
4932	2010/06/22 22:57:40	0.875	74.3	10.7
4933	2010/06/22 22:57:53	1.000	85.2	7.1
4934	2010/06/22 22:58:05	0.875	85.8	9.1
4935	2010/06/22 22:58:08	0.875	75.8	7.7
4936	2010/06/22 22:58:18	0.625	86.1	11.4
4937	2010/06/22 22:58:26	0.875	78.5	9.3
4938	2010/06/22 22:58:29	0.625	71.8	8.7
4939	2010/06/22 22:59:10	0.750	69.6	11.5
4940	2010/06/22 22:59:12	1.000	66.3	6.6
4941	2010/06/22 22:59:27	0.875	76.8	12.3
4942	2010/06/22 22:59:28	0.750	73.8	9.6
4943	2010/06/22 22:59:39	1.000	73.9	8.1
4944	2010/06/22 23:00:01	0.875	67.7	7.1
4945	2010/06/22 23:00:41	0.750	72.8	10.7
4946	2010/06/22 23:00:54	0.875	85.8	8.9
4947	2010/06/22 23:01:25	0.750	63.6	10.7
4948	2010/06/22 23:01:30	1.000	82.1	10.9
4949	2010/06/22 23:01:50	0.875	64.7	7.5
4950	2010/06/22 23:02:43	0.875	86.8	10.6
4951	2010/06/22 23:02:57	0.750	81.7	9.8
4952	2010/06/22 23:03:21	1.000	79.4	8.8
4953	2010/06/22 23:03:30	1.000	83.5	9.1
4954	2010/06/22 23:04:07	0.875	77.8	11.6
4955	2010/06/22 23:04:11	0.875	78.9	11.2
4956	2010/06/22 23:04:17	0.625	70.3	8.9

4957	2010/06/22 23:04:19	0.625	71.1	9.2
4958	2010/06/22 23:04:30	0.625	71.9	11.6
4959	2010/06/22 23:04:40	0.750	70.5	11.0
4960	2010/06/22 23:04:48	0.875	68.5	11.6
4961	2010/06/22 23:04:50	0.875	67.2	8.9
4962	2010/06/22 23:04:51	0.625	72.9	13.0
4963	2010/06/22 23:05:00	0.750	76.6	11.9
4964	2010/06/22 23:05:14	1.000	72.0	9.4
4965	2010/06/22 23:05:17	0.625	76.8	12.8
4966	2010/06/22 23:05:28	0.750	66.5	9.2
4967	2010/06/22 23:05:30	0.875	71.7	10.2
4968	2010/06/22 23:05:59	1.000	70.8	7.4
4969	2010/06/22 23:06:06	0.875	81.8	10.3
4970	2010/06/22 23:06:11	0.750	70.3	7.9
4971	2010/06/22 23:06:16	0.625	68.3	12.4
4972	2010/06/22 23:06:17	0.625	67.5	11.0
4973	2010/06/22 23:06:18	1.000	72.0	9.8
4974	2010/06/22 23:06:43	0.625	64.6	11.0
4975	2010/06/22 23:07:23	0.750	72.8	11.2
4976	2010/06/22 23:07:33	0.750	78.6	11.9
4977	2010/06/22 23:07:43	1.000	75.7	10.0
4978	2010/06/22 23:07:56	0.875	73.2	9.4
4979	2010/06/22 23:08:18	1.000	77.6	12.4
4980	2010/06/22 23:09:05	1.000	73.0	8.9
4981	2010/06/22 23:09:13	0.625	66.6	8.7
4982	2010/06/22 23:09:17	0.750	71.7	9.0
4983	2010/06/22 23:09:23	0.875	70.8	10.1
4984	2010/06/22 23:09:25	0.875	72.8	11.7
4985	2010/06/22 23:09:52	1.000	67.8	9.0
4986	2010/06/22 23:09:57	0.875	77.4	8.0
4987	2010/06/22 23:09:59	0.875	75.4	11.5
4988	2010/06/22 23:10:02	0.625	69.7	9.2

4989	2010/06/22 23:10:17	1.000	69.3	6.9
4990	2010/06/22 23:10:26	1.000	75.5	10.3
4991	2010/06/22 23:10:28	0.750	67.6	10.0
4992	2010/06/22 23:10:38	1.000	66.7	10.3
4993	2010/06/22 23:10:41	0.750	72.3	12.9
4994	2010/06/22 23:10:46	0.625	76.6	12.9
4995	2010/06/22 23:10:49	0.750	75.2	11.0
4996	2010/06/22 23:10:51	0.750	64.7	11.5
4997	2010/06/22 23:11:02	0.500	70.7	11.4
4998	2010/06/22 23:11:03	0.875	71.5	9.0
4999	2010/06/22 23:11:23	0.625	66.3	11.0
5000	2010/06/22 23:11:24	0.625	69.2	12.1
5001	2010/06/22 23:11:37	0.875	64.1	11.0
5002	2010/06/22 23:11:42	0.625	74.2	13.7
5003	2010/06/22 23:11:59	0.750	69.5	11.9
5004	2010/06/22 23:12:03	0.750	74.7	13.1
5005	2010/06/22 23:12:06	0.875	66.4	8.4
5006	2010/06/22 23:12:07	0.750	71.9	10.2
5007	2010/06/22 23:12:10	1.000	68.5	11.9
5008	2010/06/22 23:12:33	0.625	68.4	13.1
5009	2010/06/22 23:12:34	0.625	65.6	12.0
5010	2010/06/22 23:12:42	0.625	71.9	12.9
5011	2010/06/22 23:12:46	0.625	67.5	12.7
5012	2010/06/22 23:13:03	0.625	67.3	11.5
5013	2010/06/22 23:13:09	0.875	63.8	7.3
5014	2010/06/22 23:13:13	0.875	68.8	12.5
5015	2010/06/22 23:13:15	1.000	63.4	10.9
5016	2010/06/22 23:13:23	0.625	68.8	9.9
5017	2010/06/22 23:13:27	0.750	64.9	11.4
5018	2010/06/22 23:13:30	0.500	72.0	12.9
5019	2010/06/22 23:13:31	0.750	68.1	12.3
5020	2010/06/22 23:13:33	0.500	71.7	12.6

5021	2010/06/22 23:13:39	0.500	70.1	13.0
5022	2010/06/22 23:13:40	0.625	71.4	11.7
5023	2010/06/22 23:13:42	0.625	70.9	12.8
5024	2010/06/22 23:13:49	0.625	70.6	12.8
5025	2010/06/22 23:13:58	0.875	69.0	13.4
5026	2010/06/22 23:14:05	0.875	67.4	10.0
5027	2010/06/22 23:14:07	0.875	71.9	12.4
5028	2010/06/22 23:14:10	1.000	64.1	9.9
5029	2010/06/22 23:14:13	0.625	63.5	9.5
5030	2010/06/22 23:14:18	0.500	75.6	12.7
5031	2010/06/22 23:14:19	0.625	65.9	13.0
5032	2010/06/22 23:14:20	0.750	62.8	13.1
5033	2010/06/22 23:14:28	1.000	71.2	10.2
5034	2010/06/22 23:14:30	0.625	78.8	13.6
5035	2010/06/22 23:14:34	0.500	76.2	12.9
5036	2010/06/22 23:14:34	1.000	79.7	11.5
5037	2010/06/22 23:14:36	0.625	71.8	11.7
5038	2010/06/22 23:14:38	0.750	76.7	11.7
5039	2010/06/22 23:14:41	0.500	70.0	10.7
5040	2010/06/22 23:14:42	0.500	70.1	12.2
5041	2010/06/22 23:14:44	0.625	73.5	13.1
5042	2010/06/22 23:14:49	0.500	69.3	10.0
5043	2010/06/22 23:14:50	1.000	72.2	10.3
5044	2010/06/22 23:14:53	0.625	61.4	8.5
5045	2010/06/22 23:14:54	1.000	67.7	10.4
5046	2010/06/22 23:15:00	0.750	64.3	9.5
5047	2010/06/22 23:15:02	0.625	77.9	13.1
5048	2010/06/22 23:15:04	1.000	76.1	11.3
5049	2010/06/22 23:15:05	1.000	70.9	8.8
5050	2010/06/22 23:15:08	0.625	74.2	12.5
5051	2010/06/22 23:15:09	0.625	83.0	13.2
5052	2010/06/22 23:15:13	1.000	73.2	12.6



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx		<i>Rev</i> F0	<i>Data</i> 20/06/2011

5053	2010/06/22 23:15:14	0.875	70.4	8.7
5054	2010/06/22 23:15:17	0.500	71.2	10.3
5055	2010/06/22 23:15:19	1.000	75.0	10.6
5056	2010/06/22 23:15:21	0.750	73.8	10.5
5057	2010/06/22 23:15:23	0.750	65.9	10.3
5058	2010/06/22 23:15:25	0.750	75.5	12.2
5059	2010/06/22 23:15:26	0.750	63.4	12.1
5060	2010/06/22 23:15:28	0.500	74.4	12.5
5061	2010/06/22 23:15:30	0.625	75.3	13.0

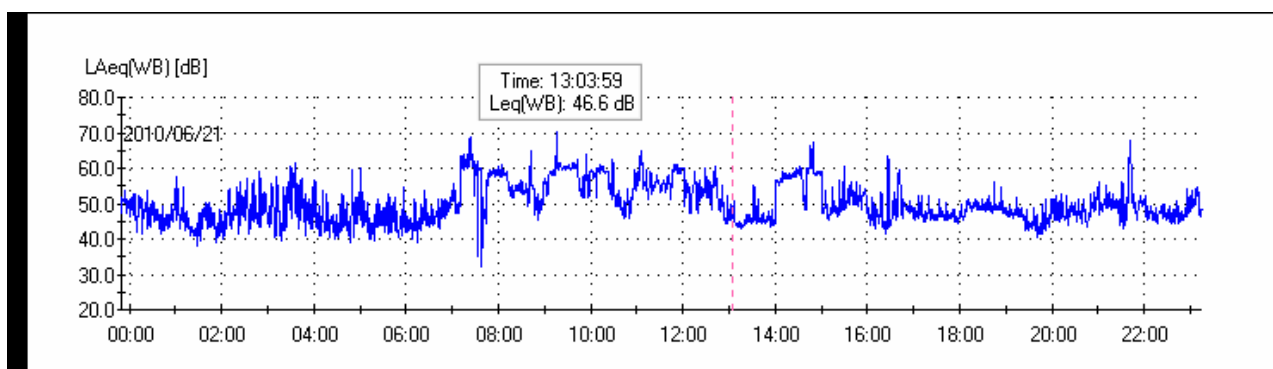
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



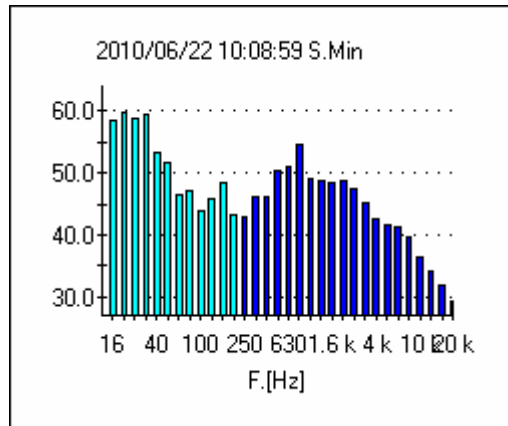
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 50	0.0
Freq: 63	0.1
Freq: 100	0.1
Freq: 160	0.1
Freq: 250	0.1
Freq: 315	0.0
Freq: 400	0.1
Freq: 500	0.1
Freq: 630	0.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

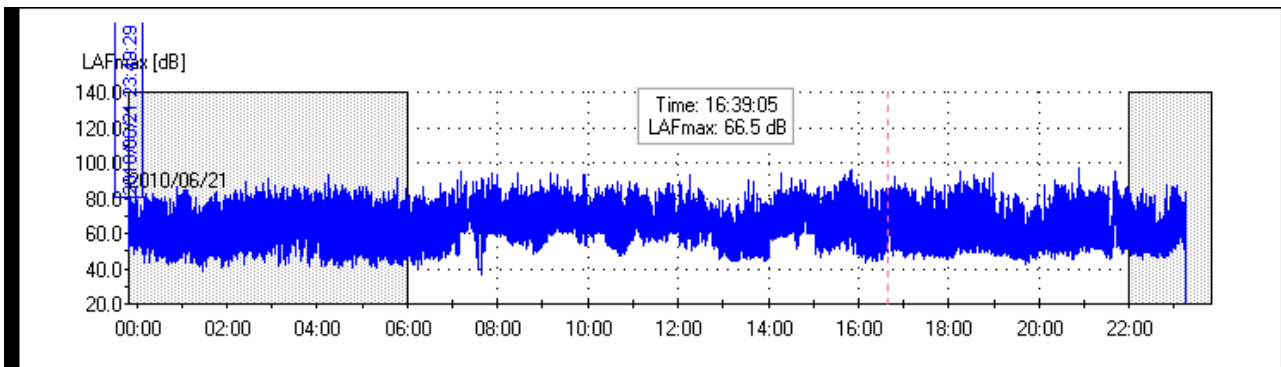
Freq: 800	0.8
Freq: 1 k	0.1
Freq: 1.6 k	0.0
Freq: 2.5 k	0.2
Freq: 3.15 k	0.0
Freq: 4 k	0.0
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

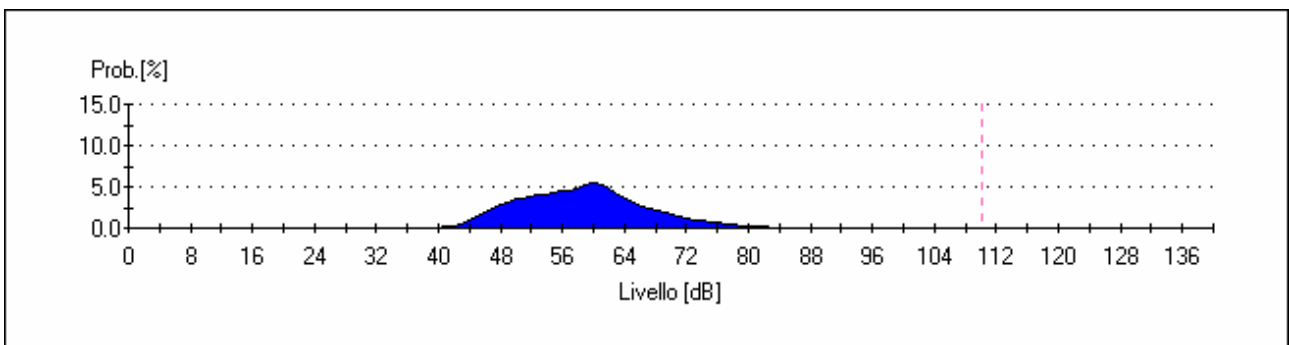
**STATISTICA CLIMA ACUSTICO GIORNALIERO**



**IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

CUMULATIVA

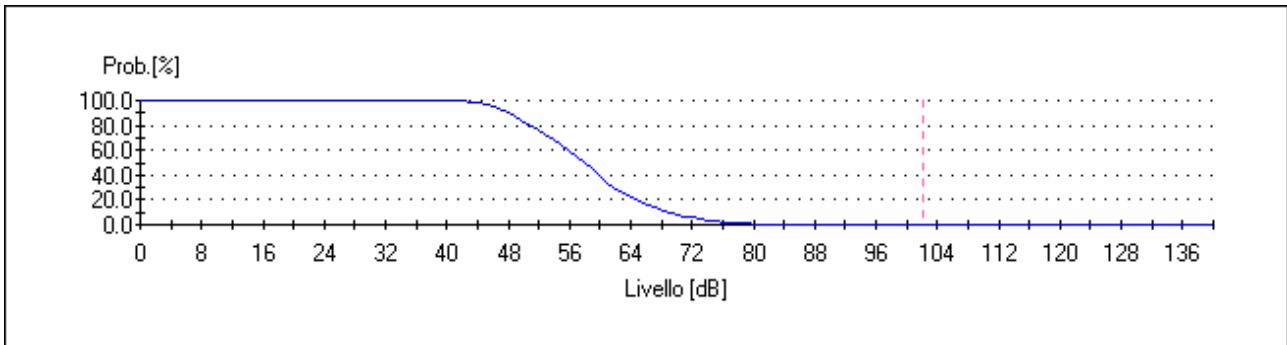
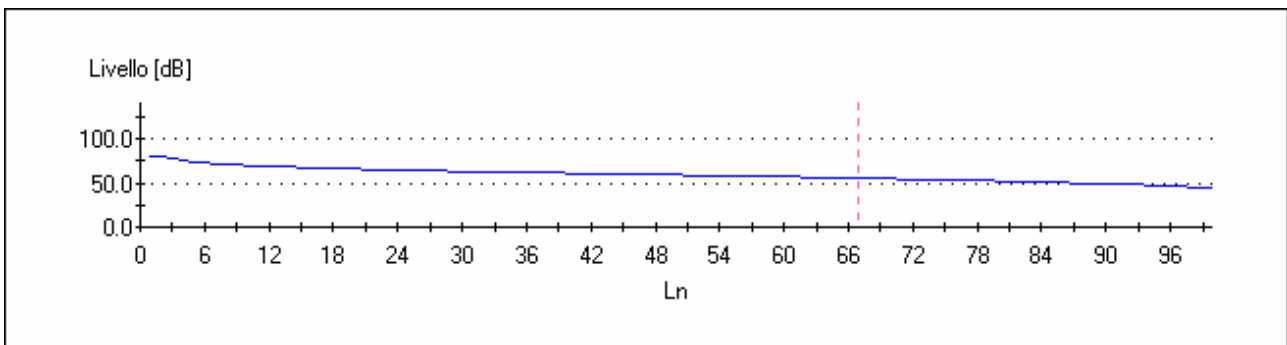


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	80.0
<b>1</b>	<b>80.0</b>
2	77.0
3	76.0
4	74.0
<b>5</b>	<b>73.0</b>
6	72.0
7	71.5
8	71.0
9	70.0
<b>10</b>	<b>69.5</b>
11	69.0
12	68.5
13	68.0
14	67.7
15	67.3
16	67.0
17	66.5
18	66.0
19	65.7
20	65.3
21	65.0
22	64.8
23	64.5
24	64.3
25	64.0
26	63.8
27	63.5

28	63.3
29	63.0
30	62.8
31	62.5
32	62.3
33	62.0
34	61.8
35	61.7
36	61.5
37	61.3
38	61.2
39	61.0
40	60.8
41	60.6
42	60.4
43	60.2
44	60.0
45	59.8
46	59.6
47	59.4
48	59.2
49	59.0
50	58.8
51	58.6
52	58.4
53	58.2
54	58.0
55	57.8
56	57.6
57	57.4
58	57.2
59	57.0

60	56.8
61	56.5
62	56.3
63	56.0
64	55.8
65	55.5
66	55.3
67	55.0
68	54.8
69	54.6
70	54.4
71	54.2
72	54.0
73	53.7
74	53.3
75	53.0
76	52.8
77	52.5
78	52.3
79	52.0
80	51.8
81	51.5
82	51.3
83	51.0
84	50.7
85	50.3
86	50.0
87	49.7
88	49.3
89	49.0
90	48.7
91	48.3



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

92	48.0
93	47.7
94	47.3
95	47.0
96	46.0
97	45.5
98	45.0
99	44.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	80.0
1	80.0
2	78.0
3	76.0
4	74.0
5	73.0
6	72.0
7	71.0
8	70.5
9	70.0
10	69.0
11	68.5
12	68.0
13	67.7
14	67.3
15	67.0
16	66.5
17	66.0
18	65.7
19	65.3

20	65.0
21	64.8
22	64.5
23	64.3
24	64.0
25	63.8
26	63.6
27	63.4
28	63.2
29	63.0
30	62.8
31	62.6
32	62.4
33	62.2
34	62.0
35	61.8
36	61.7
37	61.5
38	61.3
39	61.2
40	61.0
41	60.8
42	60.7
43	60.5
44	60.3
45	60.2
46	60.0
47	59.8
48	59.7
49	59.5
50	59.3
51	59.2

52	59.0
53	58.8
54	58.6
55	58.4
56	58.2
57	58.0
58	57.8
59	57.6
60	57.4
61	57.2
62	57.0
63	56.8
64	56.5
65	56.3
66	56.0
67	55.8
68	55.6
69	55.4
70	55.2
71	55.0
72	54.8
73	54.5
74	54.3
75	54.0
76	53.7
77	53.3
78	53.0
79	52.8
80	52.5
81	52.3
82	52.0
83	51.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

84	51.3
85	51.0
86	50.8
87	50.5
88	50.3
89	50.0
90	49.5
91	49.0
92	48.7
93	48.3
94	48.0
95	47.5
96	47.0
97	46.0
98	45.5

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	78.0
1	78.0
2	76.0
3	75.0
4	74.0
5	73.5
6	73.0
7	72.0
8	71.5
9	71.0
10	70.5
11	70.0
12	69.5

13	69.0
14	68.5
15	68.0
16	67.5
17	67.0
18	66.7
19	66.3
20	66.0
21	65.7
22	65.3
23	65.0
24	64.7
25	64.3
26	64.0
27	63.7
28	63.3
29	63.0
30	62.7
31	62.3
32	62.0
33	61.8
34	61.5
35	61.3
36	61.0
37	60.8
38	60.5
39	60.3
40	60.0
41	59.8
42	59.5
43	59.3
44	59.0

45	58.8
46	58.5
47	58.3
48	58.0
49	57.8
50	57.5
51	57.3
52	57.0
53	56.8
54	56.5
55	56.3
56	56.0
57	55.8
58	55.6
59	55.4
60	55.2
61	55.0
62	54.8
63	54.5
64	54.3
65	54.0
66	53.8
67	53.5
68	53.3
69	53.0
70	52.8
71	52.5
72	52.3
73	52.0
74	51.8
75	51.5
76	51.3

77	51.0
78	50.8
79	50.5
80	50.3
81	50.0
82	49.8
83	49.5
84	49.3
85	49.0
86	48.8
87	48.5
88	48.3
89	48.0
90	47.7
91	47.3
92	47.0
93	46.5
94	46.0
95	45.5
96	45.0
97	44.0
98	43.0
99	42.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92,7	87,1	91,4
98	87,6	94,7
98,8	87,7	94
99,4	90,6	95,8
99,6	87,7	95,1
101,3	88,6	97
<b>101,3</b>	<b>90,6</b>	<b>97</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
98	87,4	94,7
98,8	87,7	94
99,4	90,6	95,8
99,6	87,7	95,1
101,3	88,6	97
<b>101,3</b>	<b>90,6</b>	<b>97</b>

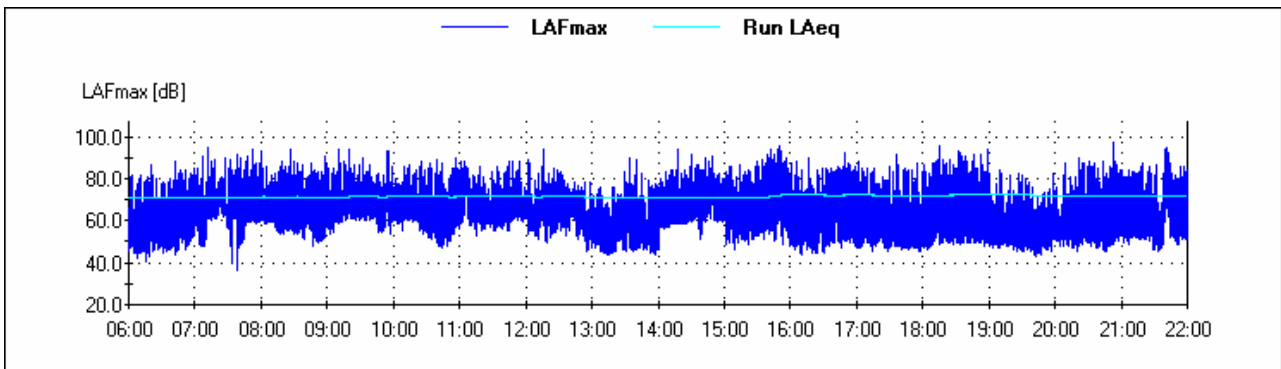
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92,7	87,1	91,4
94,3	87,6	92,8
90,9	82,1	87,7

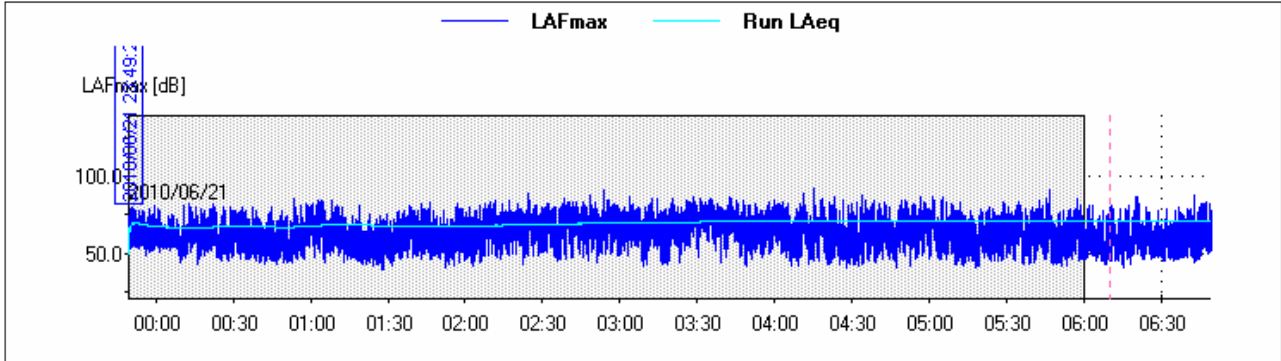


<b>94,3</b>	<b>87,6</b>	<b>92,8</b>
-------------	-------------	-------------

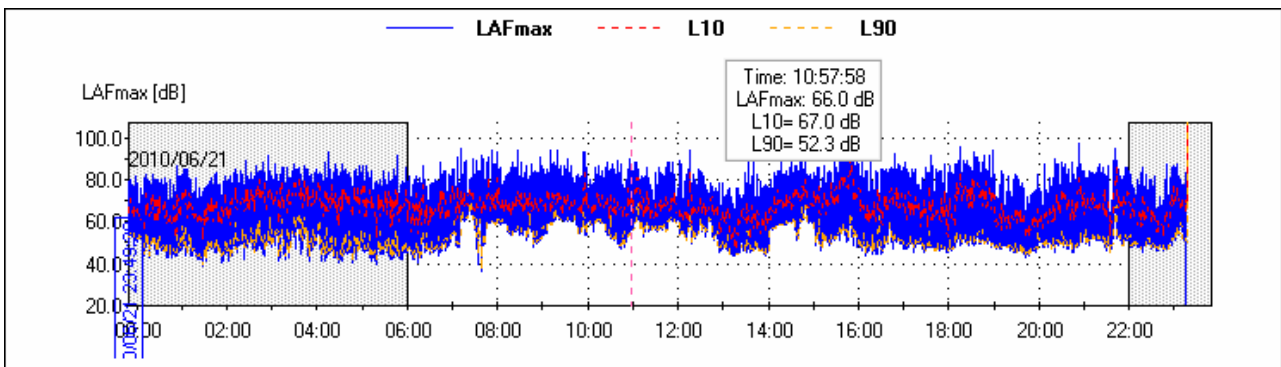
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

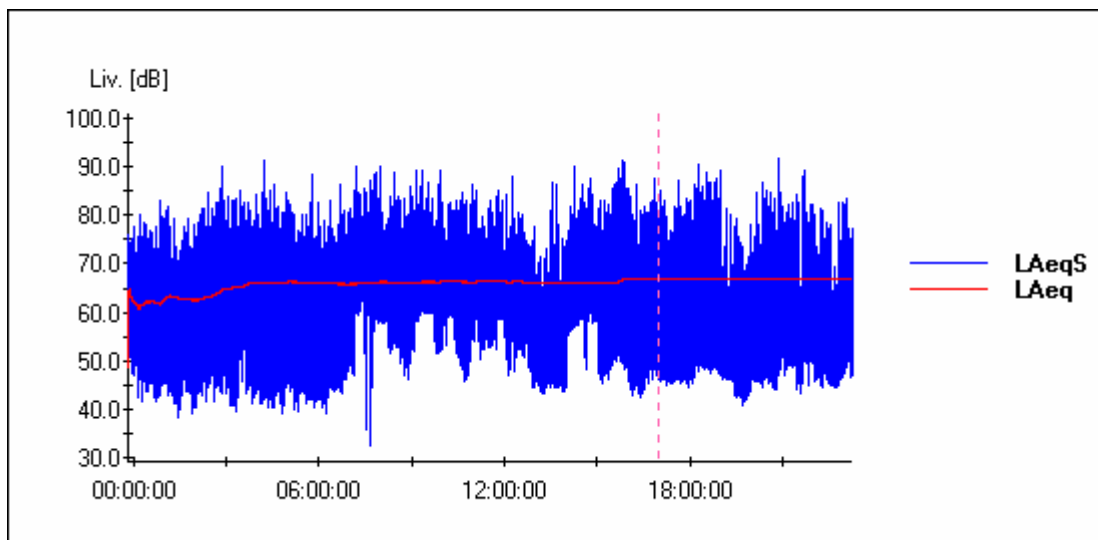


**TIME HISTORY L10 – L90**

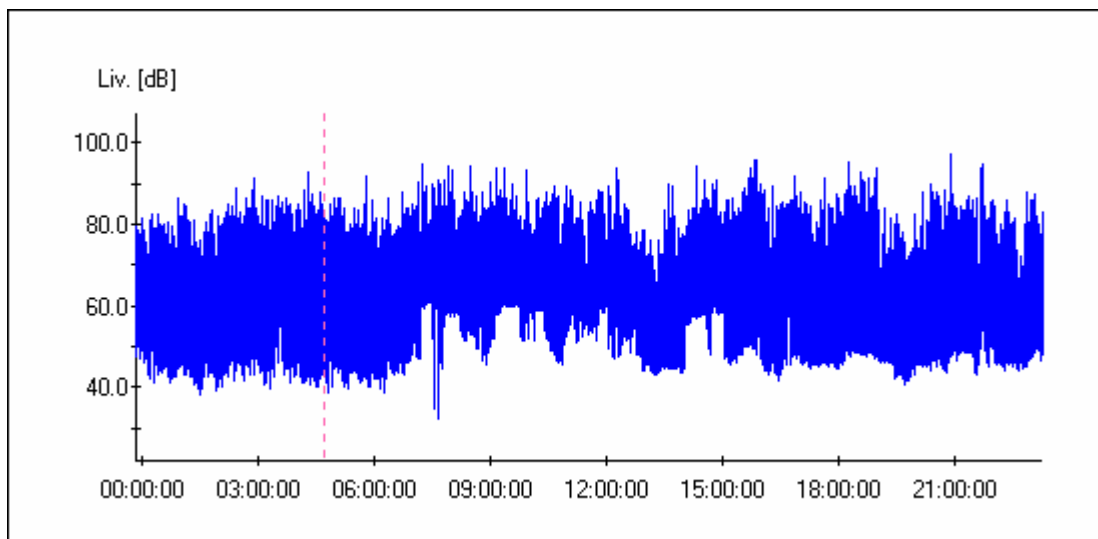


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx		<i>Rev</i> F0	<i>Data</i> 20/06/2011

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_6_S</b>	<b>VIA SALITA FRANTINARO</b>
<i>Descrizione del punto di misura/ricettore</i>		
L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla piazzola antistante la scuola ad una distanza di mt 1,00 dal muro di cinta della scuola		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input checked="" type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<i>Caratterizzazione delle sorgenti di rumore</i>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_6_S</b>	Indirizzo <b>VIA SALITA FRANTINARO</b>
-------	---------------------------	---

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>23/06/10</b>	<b>65.8</b>	<b>0</b>	<b>0</b>		<b>65.8</b>	<b>55</b>
Notte	22-6h	<b>23/06/10</b>	<b>68.6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68.6</b>	<b>45</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_6_S</b>
Data inizio	<b>23/06/2010</b>
Ora inizio	<b>0.18.29</b>
Note	

<b>Parametri</b>		<b>24 ore</b>	<b>Giorno (T<sub>R</sub> = 6/22)</b>	<b>Notte (T<sub>R</sub> = 22/6)</b>
L <sub>AeqTR</sub>	[dBA]	<b>66.9</b>	<b>65.8</b>	<b>68.6</b>
L1	[dBA]	<b>76.0</b>	<b>76.0</b>	<b>81.0</b>
L5	[dBA]	<b>71.0</b>	<b>71.0</b>	<b>69.0</b>
L10	[dBA]	<b>68.7</b>	<b>69.3</b>	<b>67.3</b>
L50	[dBA]	<b>55.7</b>	<b>57.8</b>	<b>47.7</b>
L90	[dBA]	<b>40.0</b>	<b>47.0</b>	<b>34.5</b>
L95	[dBA]	<b>36.0</b>	<b>44.5</b>	<b>33.0</b>
L99	[dBA]	<b>31.0</b>	<b>40.0</b>	<b>29.0</b>
L <sub>I</sub> max	[dBA]	<b>102.5</b>	<b>102.4</b>	<b>102.5</b>
L <sub>F</sub> max	[dBA]	<b>99.6</b>	<b>99.6</b>	<b>97.9</b>
L <sub>S</sub> max	[dBA]	<b>93.2</b>	<b>93.2</b>	<b>90.4</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>66.9</b>	<b>65.8</b>	<b>68.6</b>

Note:

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Punto	Ricettore <b>R_6_S</b>	Indirizzo <b>VIA SALITA FRANTINARO</b>
-------	---------------------------	---

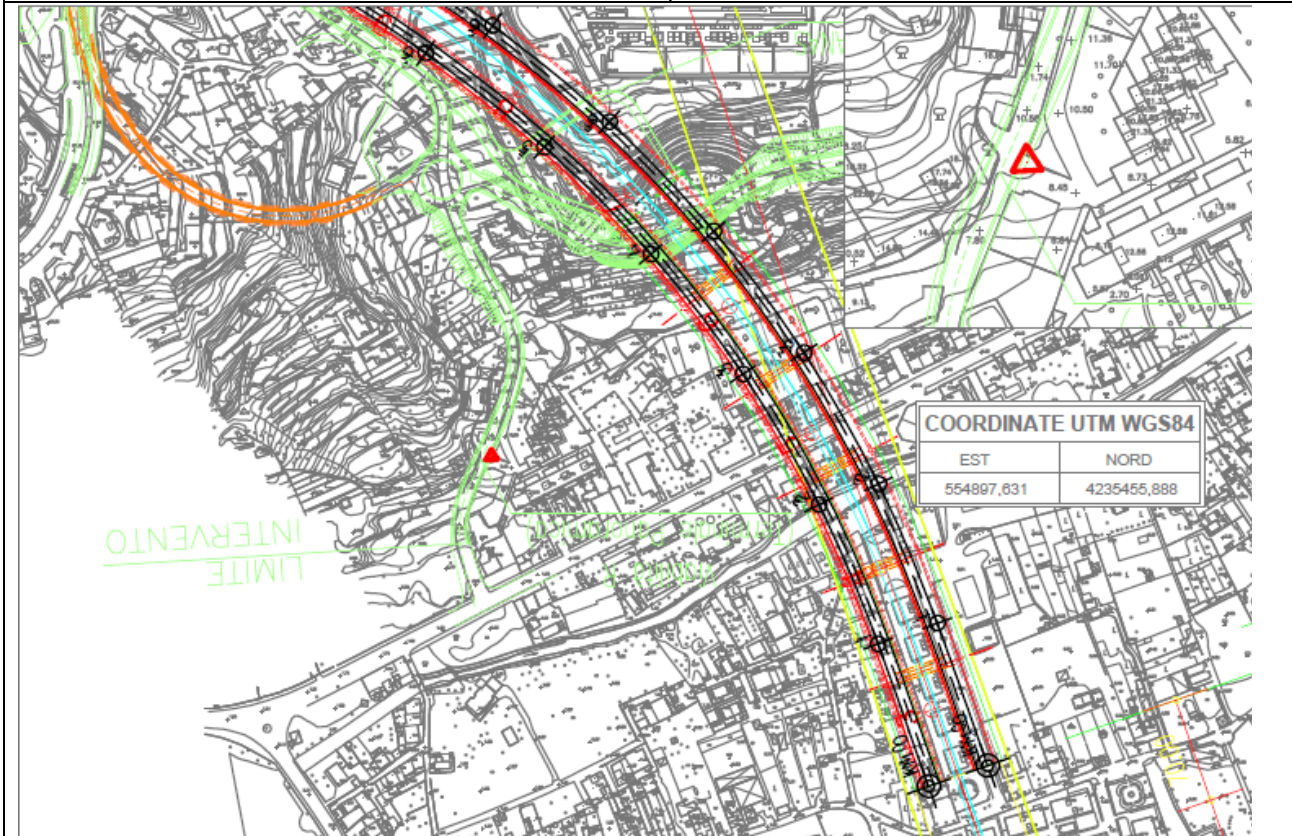
<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>55</b>	<b>74</b>	<b>77</b>	<b>30</b>	<b>59</b>	<b>18</b>	<b>22</b>	<b>20</b>
Veic. Pesanti / 10'	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>6</b>	<b>4</b>	<b>7</b>	<b>2</b>	<b>4.75</b>	<b>5</b>	<b>0</b>	<b>2.5</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>PAZ. NUV.</b>	<b>SOL.</b>	<b>SOL.</b>	<b>SER.</b>		<b>NUV.</b>	<b>NUV.</b>	
Temperatura	<b>20.3</b>	<b>27.4</b>	<b>28.3</b>	<b>20.8</b>	<b>24.2</b>	<b>18.4</b>	<b>16.3</b>	<b>17.35</b>
Umidità relativa	<b>83</b>	<b>46</b>	<b>49</b>	<b>74</b>	<b>63</b>	<b>87</b>	<b>68</b>	<b>77.5</b>
Velocità vento	<b>2.1</b>	<b>1.8</b>	<b>0.7</b>	<b>0.3</b>	<b>1.225</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</b>
Direzione vento	<b>N N E</b>	<b>E S E</b>	<b>E S E</b>	<b>N</b>		<b>E N E</b>	<b>N E</b>	

**Fotografia del punto di misura**



Punto	Ricettore	Indirizzo
	<b>R_6_S</b>	<b>VIA SALITA FRANTINARO</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta





		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/23 00:18:31	0.750	57.3	8.5
2	2010/06/23 00:19:01	1.000	58.6	11.3
3	2010/06/23 00:19:12	0.875	68.3	11.9
4	2010/06/23 00:19:13	1.000	73.1	9.4
5	2010/06/23 00:19:19	0.625	78.2	12.9
6	2010/06/23 00:19:23	0.750	75.7	11.3
7	2010/06/23 00:19:26	0.625	74.8	9.8
8	2010/06/23 00:19:28	0.750	69.9	10.0
9	2010/06/23 00:19:33	0.500	68.9	11.8
10	2010/06/23 00:19:35	0.500	72.7	12.3
11	2010/06/23 00:19:36	1.000	66.9	10.1
12	2010/06/23 00:19:49	0.625	70.6	9.4
13	2010/06/23 00:19:50	0.625	70.9	10.3
14	2010/06/23 00:19:55	1.000	67.3	9.7
15	2010/06/23 00:20:00	0.625	73.5	11.9
16	2010/06/23 00:20:01	1.000	70.3	9.9
17	2010/06/23 00:20:03	0.625	71.9	8.5
18	2010/06/23 00:20:08	0.625	76.2	12.6
19	2010/06/23 00:20:10	1.000	83.4	12.1
20	2010/06/23 00:20:12	0.625	78.4	9.8
21	2010/06/23 00:20:13	0.750	79.5	11.6
22	2010/06/23 00:20:19	0.500	85.6	11.8
23	2010/06/23 00:20:21	0.875	88.4	9.3
24	2010/06/23 00:20:48	0.750	92.8	11.1
25	2010/06/23 00:21:07	0.750	92.2	10.0
26	2010/06/23 00:21:20	0.750	80.0	10.1
27	2010/06/23 00:21:20	0.625	84.8	11.8
28	2010/06/23 00:21:22	0.750	85.5	12.0
29	2010/06/23 00:21:24	0.500	92.5	13.4
30	2010/06/23 00:21:25	0.625	93.1	12.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

31	2010/06/23 00:21:28	0.875	91.4	9.0
32	2010/06/23 00:21:29	0.625	81.9	9.9
33	2010/06/23 00:21:30	0.500	84.9	9.2
34	2010/06/23 00:21:30	0.625	88.1	9.4
35	2010/06/23 00:21:31	0.625	87.8	10.9
36	2010/06/23 00:21:32	0.750	88.7	9.0
37	2010/06/23 00:21:33	0.625	84.7	8.8
38	2010/06/23 00:21:34	0.875	85.6	10.2
39	2010/06/23 00:21:36	0.750	89.8	10.2
40	2010/06/23 00:21:41	0.625	87.6	10.8
41	2010/06/23 00:21:42	0.750	91.0	11.7
42	2010/06/23 00:21:43	0.500	93.4	12.7
43	2010/06/23 00:21:44	0.750	81.6	13.2
44	2010/06/23 00:21:48	0.875	88.1	9.8
45	2010/06/23 00:21:50	0.500	92.4	13.5
46	2010/06/23 00:21:52	0.500	84.8	14.3
47	2010/06/23 00:21:56	0.500	91.0	12.1
48	2010/06/23 00:22:06	0.875	70.8	8.2
49	2010/06/23 00:22:25	0.625	64.5	11.7
50	2010/06/23 00:22:29	0.625	71.9	13.3
51	2010/06/23 00:22:33	0.750	66.0	9.8
52	2010/06/23 00:22:37	0.750	75.5	13.0
53	2010/06/23 00:23:30	0.625	83.3	10.9
54	2010/06/23 00:24:15	0.500	61.1	10.8
55	2010/06/23 00:24:17	0.625	54.6	9.6
56	2010/06/23 00:25:35	0.875	55.7	7.5
57	2010/06/23 00:26:44	0.875	56.7	9.1
58	2010/06/23 00:27:01	0.750	53.5	10.6
59	2010/06/23 00:27:07	0.875	54.9	8.7
60	2010/06/23 00:27:17	0.750	52.2	9.2
61	2010/06/23 00:27:54	0.750	55.5	10.0
62	2010/06/23 00:29:21	0.875	56.1	10.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

63	2010/06/23 00:29:43	0.750	67.8	10.7
64	2010/06/23 00:31:58	0.625	59.3	9.3
65	2010/06/23 00:33:01	0.875	55.3	7.9
66	2010/06/23 00:33:31	0.750	52.8	9.4
67	2010/06/23 00:35:07	0.750	56.9	9.1
68	2010/06/23 00:38:56	0.750	64.9	10.4
69	2010/06/23 00:43:33	1.000	67.6	7.3
70	2010/06/23 00:43:39	0.750	64.7	7.6
71	2010/06/23 00:43:42	0.750	66.5	7.8
72	2010/06/23 00:44:03	1.000	64.9	4.9
73	2010/06/23 00:44:51	0.750	64.6	6.3
74	2010/06/23 00:45:00	0.500	70.5	10.8
75	2010/06/23 00:45:13	1.000	53.6	7.2
76	2010/06/23 00:45:35	0.875	61.4	7.2
77	2010/06/23 00:45:43	0.625	67.4	8.6
78	2010/06/23 00:45:46	1.000	64.7	6.3
79	2010/06/23 00:45:58	0.625	64.8	7.3
80	2010/06/23 00:45:59	1.000	64.8	7.4
81	2010/06/23 00:46:00	0.875	64.7	6.6
82	2010/06/23 00:46:07	1.000	64.1	6.7
83	2010/06/23 00:46:15	0.625	65.0	7.9
84	2010/06/23 00:46:37	0.750	63.5	6.4
85	2010/06/23 00:46:51	0.625	62.8	7.4
86	2010/06/23 00:47:00	0.625	63.6	7.4
87	2010/06/23 00:47:06	0.750	66.9	7.5
88	2010/06/23 00:47:07	0.750	63.1	6.8
89	2010/06/23 00:47:09	0.625	65.7	6.9
90	2010/06/23 00:52:02	0.875	54.2	11.1
91	2010/06/23 01:23:07	0.750	77.1	11.4
92	2010/06/23 02:03:27	0.625	62.2	13.2
93	2010/06/23 02:03:32	0.500	56.9	13.9
94	2010/06/23 02:03:33	0.500	55.7	12.0

95	2010/06/23 02:03:45	0.625	50.3	12.5
96	2010/06/23 02:03:48	0.625	56.9	12.1
97	2010/06/23 02:03:50	0.625	60.4	12.6
98	2010/06/23 02:03:51	0.500	53.1	12.5
99	2010/06/23 02:03:54	0.625	53.2	11.5
100	2010/06/23 02:04:01	0.625	56.2	12.9
101	2010/06/23 02:04:33	0.625	66.5	9.5
102	2010/06/23 02:04:37	1.000	64.5	10.2
103	2010/06/23 02:04:41	1.000	66.0	10.4
104	2010/06/23 02:04:42	0.625	69.2	11.9
105	2010/06/23 02:04:47	0.500	61.5	8.9
106	2010/06/23 02:04:57	0.875	75.3	10.6
107	2010/06/23 02:05:00	0.875	72.6	10.8
108	2010/06/23 02:05:07	0.750	69.5	8.3
109	2010/06/23 02:05:20	0.625	75.9	11.8
110	2010/06/23 02:05:21	0.875	72.9	10.8
111	2010/06/23 02:05:27	0.750	70.5	10.8
112	2010/06/23 02:05:32	0.750	74.7	12.1
113	2010/06/23 02:05:44	0.875	69.9	9.7
114	2010/06/23 02:05:50	0.875	74.6	11.9
115	2010/06/23 02:05:57	1.000	73.7	8.8
116	2010/06/23 02:06:00	0.750	78.1	13.1
117	2010/06/23 02:06:07	1.000	73.4	10.5
118	2010/06/23 02:06:21	1.000	75.0	12.1
119	2010/06/23 02:06:24	0.875	70.1	11.1
120	2010/06/23 02:06:29	0.625	66.1	7.9
121	2010/06/23 02:06:32	0.625	76.3	12.8
122	2010/06/23 02:06:33	1.000	71.8	10.8
123	2010/06/23 02:06:48	0.625	72.9	12.2
124	2010/06/23 02:06:53	0.750	73.8	12.4
125	2010/06/23 02:06:56	1.000	69.4	7.9
126	2010/06/23 02:06:59	0.625	69.5	9.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

127	2010/06/23 02:07:01	0.625	72.2	11.9
128	2010/06/23 02:07:03	0.625	74.9	11.4
129	2010/06/23 02:07:10	0.625	68.0	12.7
130	2010/06/23 02:07:13	0.625	69.3	13.7
131	2010/06/23 02:07:14	0.625	62.5	13.3
132	2010/06/23 02:07:18	0.500	56.4	13.7
133	2010/06/23 02:07:21	0.500	61.6	13.1
134	2010/06/23 02:07:35	0.625	48.4	12.2
135	2010/06/23 02:07:53	0.625	56.8	11.3
136	2010/06/23 02:07:59	0.500	67.8	14.0
137	2010/06/23 02:08:05	0.500	66.3	14.2
138	2010/06/23 02:08:06	0.500	60.4	13.4
139	2010/06/23 02:08:11	0.500	51.8	13.2
140	2010/06/23 02:08:16	0.625	47.1	12.6
141	2010/06/23 02:08:25	0.875	45.5	11.1
142	2010/06/23 02:08:30	0.500	57.8	14.1
143	2010/06/23 02:08:36	0.625	55.5	13.4
144	2010/06/23 02:09:05	0.500	55.6	14.0
145	2010/06/23 02:09:15	0.500	49.7	12.4
146	2010/06/23 02:09:37	0.500	51.2	13.8
147	2010/06/23 02:09:45	0.500	52.2	13.8
148	2010/06/23 02:10:25	0.500	61.7	13.3
149	2010/06/23 02:11:13	0.625	58.8	13.5
150	2010/06/23 02:11:52	0.625	54.5	13.0
151	2010/06/23 02:19:09	0.625	54.2	9.4
152	2010/06/23 02:28:53	0.875	43.5	11.2
153	2010/06/23 02:32:19	1.000	54.1	9.1
154	2010/06/23 02:33:42	0.875	61.0	8.8
155	2010/06/23 02:34:07	1.000	52.2	6.1
156	2010/06/23 02:34:10	1.000	50.8	6.6
157	2010/06/23 02:34:18	1.000	50.4	5.3
158	2010/06/23 02:34:21	0.875	51.8	6.6

159	2010/06/23 02:34:23	0.875	52.3	7.5
160	2010/06/23 02:37:30	1.000	45.0	11.1
161	2010/06/23 02:50:22	0.500	51.0	11.7
162	2010/06/23 02:50:22	0.500	55.9	12.7
163	2010/06/23 02:50:23	0.625	61.7	11.0
164	2010/06/23 02:50:25	0.875	56.7	9.6
165	2010/06/23 02:53:13	0.875	50.3	6.9
166	2010/06/23 02:53:21	1.000	50.3	7.9
167	2010/06/23 02:53:28	0.875	52.5	8.3
168	2010/06/23 02:53:29	0.875	47.0	6.6
169	2010/06/23 02:53:32	1.000	51.9	8.4
170	2010/06/23 02:53:33	1.000	53.3	7.8
171	2010/06/23 02:53:52	1.000	53.0	8.8
172	2010/06/23 02:54:44	1.000	51.5	6.6
173	2010/06/23 02:55:31	1.000	52.6	6.8
174	2010/06/23 02:55:33	1.000	51.1	7.6
175	2010/06/23 02:55:36	1.000	50.9	8.6
176	2010/06/23 02:55:38	1.000	48.0	7.2
177	2010/06/23 02:55:39	1.000	51.8	6.5
178	2010/06/23 03:04:34	1.000	46.2	8.4
179	2010/06/23 03:05:50	0.875	55.6	11.2
180	2010/06/23 03:06:25	1.000	53.5	7.9
181	2010/06/23 03:06:52	1.000	51.8	6.3
182	2010/06/23 03:07:18	0.875	49.8	6.3
183	2010/06/23 03:07:27	1.000	52.9	7.9
184	2010/06/23 03:07:55	1.000	52.4	6.6
185	2010/06/23 03:08:17	1.000	46.8	6.3
186	2010/06/23 03:08:18	0.875	47.2	6.6
187	2010/06/23 03:08:24	1.000	52.5	7.2
188	2010/06/23 03:09:43	1.000	48.7	11.1
189	2010/06/23 03:10:19	0.625	45.6	8.8
190	2010/06/23 03:11:02	0.750	45.4	9.8

191	2010/06/23 03:11:24	0.750	47.5	12.2
192	2010/06/23 03:11:26	0.625	52.6	12.1
193	2010/06/23 03:11:34	0.500	48.2	12.9
194	2010/06/23 03:14:02	0.750	50.8	7.7
195	2010/06/23 03:19:52	0.625	55.1	13.7
196	2010/06/23 03:21:25	0.500	69.1	13.5
197	2010/06/23 03:21:32	0.500	69.9	13.8
198	2010/06/23 03:21:37	0.500	63.1	13.6
199	2010/06/23 03:21:44	0.500	60.6	14.0
200	2010/06/23 03:22:01	0.500	59.5	13.6
201	2010/06/23 03:22:02	1.000	53.2	11.8
202	2010/06/23 03:22:05	0.500	61.9	12.7
203	2010/06/23 03:22:08	0.625	62.0	13.5
204	2010/06/23 03:22:14	0.625	54.7	12.4
205	2010/06/23 03:22:15	0.625	58.1	12.6
206	2010/06/23 03:22:17	0.500	65.0	13.8
207	2010/06/23 03:22:21	0.500	53.3	13.6
208	2010/06/23 03:22:24	0.500	64.1	14.1
209	2010/06/23 03:22:27	0.500	59.5	12.9
210	2010/06/23 03:22:31	0.500	61.3	14.1
211	2010/06/23 03:22:40	0.500	47.6	13.4
212	2010/06/23 03:23:45	0.750	44.2	11.5
213	2010/06/23 03:24:06	0.500	52.7	13.5
214	2010/06/23 03:24:07	0.500	57.5	13.0
215	2010/06/23 03:24:14	0.625	41.7	10.8
216	2010/06/23 03:24:15	0.500	50.9	13.0
217	2010/06/23 03:24:19	0.500	50.4	14.3
218	2010/06/23 03:24:22	0.500	48.9	13.8
219	2010/06/23 03:24:23	0.875	42.3	14.0
220	2010/06/23 03:24:26	0.750	42.7	10.4
221	2010/06/23 03:24:28	1.000	46.7	12.7
222	2010/06/23 03:24:33	0.500	47.8	12.3

223	2010/06/23 03:24:35	0.625	54.1	12.2
224	2010/06/23 03:24:37	0.625	57.7	13.8
225	2010/06/23 03:24:39	0.625	48.9	13.2
226	2010/06/23 03:24:41	0.500	49.8	11.9
227	2010/06/23 03:24:43	0.875	45.4	10.4
228	2010/06/23 03:24:46	0.625	50.9	13.0
229	2010/06/23 03:24:48	0.500	59.6	11.9
230	2010/06/23 03:24:53	0.750	50.7	11.9
231	2010/06/23 03:24:54	0.750	54.3	11.6
232	2010/06/23 03:25:03	0.500	56.5	10.7
233	2010/06/23 03:25:05	0.500	66.0	13.6
234	2010/06/23 03:25:06	0.875	56.6	14.1
235	2010/06/23 03:25:09	0.500	50.0	14.2
236	2010/06/23 03:25:12	0.500	60.8	12.9
237	2010/06/23 03:25:14	0.875	46.6	14.1
238	2010/06/23 03:25:17	0.500	53.8	10.3
239	2010/06/23 03:25:19	0.500	53.6	10.9
240	2010/06/23 03:25:25	0.625	52.3	8.8
241	2010/06/23 03:25:26	0.625	54.7	11.0
242	2010/06/23 03:25:34	1.000	56.9	11.4
243	2010/06/23 03:25:45	1.000	54.5	11.4
244	2010/06/23 03:25:48	0.750	51.0	10.8
245	2010/06/23 03:25:52	0.875	50.1	8.7
246	2010/06/23 03:25:53	0.750	55.1	10.9
247	2010/06/23 03:25:55	0.750	54.2	10.8
248	2010/06/23 03:25:57	0.625	64.9	13.3
249	2010/06/23 03:25:59	0.625	52.7	14.7
250	2010/06/23 03:26:11	0.625	64.2	10.3
251	2010/06/23 03:26:23	0.750	70.3	11.8
252	2010/06/23 03:26:38	0.625	64.2	9.9
253	2010/06/23 03:26:39	0.750	64.0	9.6
254	2010/06/23 03:26:40	0.500	70.0	12.8



255	2010/06/23 03:26:42	0.625	86.8	13.3
256	2010/06/23 03:26:45	0.500	86.5	13.2
257	2010/06/23 03:26:45	0.500	94.6	13.5
258	2010/06/23 03:26:50	1.000	93.1	11.2
259	2010/06/23 03:27:08	0.750	96.1	9.6
260	2010/06/23 03:27:21	0.625	94.5	12.0
261	2010/06/23 03:27:22	0.625	89.6	11.5
262	2010/06/23 03:27:28	1.000	91.7	10.5
263	2010/06/23 03:28:14	0.875	91.1	10.6
264	2010/06/23 03:28:19	1.000	89.7	10.6
265	2010/06/23 03:28:49	0.625	91.6	12.7
266	2010/06/23 03:28:51	0.625	88.7	10.5
267	2010/06/23 03:28:56	0.750	87.1	9.5
268	2010/06/23 03:28:57	1.000	91.3	9.4
269	2010/06/23 03:29:01	1.000	89.6	8.7
270	2010/06/23 03:29:10	0.625	89.6	11.2
271	2010/06/23 03:29:16	0.875	86.6	11.9
272	2010/06/23 03:29:20	0.625	88.6	12.1
273	2010/06/23 03:29:24	1.000	88.9	10.7
274	2010/06/23 03:29:36	0.875	83.1	13.3
275	2010/06/23 03:29:43	1.000	77.2	11.1
276	2010/06/23 03:29:45	0.750	75.1	11.4
277	2010/06/23 03:29:52	1.000	83.2	11.5
278	2010/06/23 03:29:54	0.875	88.5	11.1
279	2010/06/23 03:30:00	0.625	88.4	13.0
280	2010/06/23 03:30:03	0.500	86.9	12.3
281	2010/06/23 03:30:08	0.625	94.6	12.5
282	2010/06/23 03:30:09	0.500	88.7	12.8
283	2010/06/23 03:30:11	0.625	87.7	10.3
284	2010/06/23 03:30:15	0.750	91.4	11.3
285	2010/06/23 03:30:17	0.875	84.1	11.6
286	2010/06/23 03:30:18	0.625	94.2	13.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

287	2010/06/23 03:30:19	0.875	90.7	11.8
288	2010/06/23 03:30:22	0.625	88.7	12.3
289	2010/06/23 03:30:26	0.625	88.6	12.9
290	2010/06/23 03:30:26	0.750	87.1	10.1
291	2010/06/23 03:30:28	0.625	84.9	10.4
292	2010/06/23 03:30:28	0.625	89.6	12.4
293	2010/06/23 03:30:29	0.750	83.9	11.1
294	2010/06/23 03:30:37	1.000	89.3	10.6
295	2010/06/23 03:30:40	0.750	88.6	10.5
296	2010/06/23 03:30:45	0.500	92.8	12.6
297	2010/06/23 03:30:45	0.625	94.2	11.8
298	2010/06/23 03:31:13	0.875	92.0	9.9
299	2010/06/23 03:31:34	0.875	91.0	8.7
300	2010/06/23 03:31:58	0.625	81.0	12.8
301	2010/06/23 03:31:58	0.875	85.5	11.5
302	2010/06/23 03:32:02	0.500	89.9	13.3
303	2010/06/23 03:32:05	1.000	94.5	12.7
304	2010/06/23 03:32:08	0.750	90.8	9.1
305	2010/06/23 03:32:12	0.875	87.0	9.3
306	2010/06/23 03:32:17	0.875	94.8	12.6
307	2010/06/23 03:32:20	0.625	97.2	11.4
308	2010/06/23 03:32:21	0.500	91.9	11.0
309	2010/06/23 03:32:24	0.625	97.9	13.1
310	2010/06/23 03:32:28	1.000	90.2	11.1
311	2010/06/23 03:32:36	0.625	76.1	11.5
312	2010/06/23 03:32:37	0.625	77.7	10.6
313	2010/06/23 03:32:38	0.750	88.9	13.9
314	2010/06/23 03:32:40	0.625	78.7	13.8
315	2010/06/23 03:32:42	0.750	73.1	14.0
316	2010/06/23 03:32:44	0.625	81.9	12.8
317	2010/06/23 03:32:48	0.625	78.1	12.3
318	2010/06/23 03:32:50	0.500	78.6	12.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

319	2010/06/23 03:32:57	0.625	77.7	13.7
320	2010/06/23 03:33:03	0.625	71.3	11.6
321	2010/06/23 03:33:04	0.750	79.1	13.5
322	2010/06/23 03:33:05	1.000	78.9	12.0
323	2010/06/23 03:33:06	0.500	72.1	12.6
324	2010/06/23 03:33:10	0.500	87.0	13.9
325	2010/06/23 03:33:11	0.625	79.1	14.2
326	2010/06/23 03:33:15	0.500	77.5	13.3
327	2010/06/23 03:33:17	0.500	77.7	12.7
328	2010/06/23 03:33:21	0.625	68.2	11.6
329	2010/06/23 03:33:24	0.625	75.1	12.9
330	2010/06/23 03:33:28	0.625	77.2	12.8
331	2010/06/23 03:33:31	0.625	74.8	13.3
332	2010/06/23 03:33:34	0.625	75.6	13.5
333	2010/06/23 03:33:38	1.000	77.5	11.6
334	2010/06/23 03:33:40	0.500	76.6	10.7
335	2010/06/23 03:33:42	1.000	73.6	10.8
336	2010/06/23 03:33:49	0.750	68.9	12.8
337	2010/06/23 03:33:52	1.000	65.3	11.0
338	2010/06/23 03:33:53	0.750	78.2	13.7
339	2010/06/23 03:34:02	0.500	83.9	14.0
340	2010/06/23 03:34:04	0.625	71.8	15.6
341	2010/06/23 03:34:06	0.625	68.2	14.6
342	2010/06/23 03:34:08	0.625	74.2	13.6
343	2010/06/23 03:34:09	0.625	75.9	12.7
344	2010/06/23 03:34:10	0.750	68.7	12.7
345	2010/06/23 03:34:11	0.750	63.6	12.3
346	2010/06/23 03:34:12	0.625	72.3	11.9
347	2010/06/23 03:34:14	1.000	61.4	13.0
348	2010/06/23 03:34:19	0.625	67.0	11.7
349	2010/06/23 03:34:21	0.625	65.1	12.3
350	2010/06/23 03:34:23	0.625	64.5	12.2

351	2010/06/23 03:34:27	0.625	62.7	11.4
352	2010/06/23 03:34:32	0.500	68.2	13.4
353	2010/06/23 03:34:34	0.625	66.6	12.6
354	2010/06/23 03:34:40	0.750	62.3	11.0
355	2010/06/23 03:34:41	0.500	68.0	13.1
356	2010/06/23 03:34:42	0.750	64.7	11.8
357	2010/06/23 03:34:43	1.000	65.6	9.7
358	2010/06/23 03:34:50	0.625	70.2	12.4
359	2010/06/23 03:34:52	0.875	66.7	11.8
360	2010/06/23 03:34:55	0.500	65.0	11.5
361	2010/06/23 03:34:57	0.625	74.3	13.8
362	2010/06/23 03:34:58	0.625	68.4	12.4
363	2010/06/23 03:34:59	0.750	65.0	11.2
364	2010/06/23 03:35:07	0.625	66.9	11.9
365	2010/06/23 03:35:11	0.500	69.3	13.5
366	2010/06/23 03:35:13	0.500	63.1	13.5
367	2010/06/23 03:35:16	0.625	70.6	13.6
368	2010/06/23 03:35:19	1.000	63.9	10.7
369	2010/06/23 03:35:22	0.500	72.1	13.6
370	2010/06/23 03:35:32	0.625	62.2	12.2
371	2010/06/23 03:35:38	0.625	64.6	12.1
372	2010/06/23 03:35:40	0.625	66.3	12.1
373	2010/06/23 03:35:41	0.625	66.4	11.6
374	2010/06/23 03:35:42	1.000	68.8	11.6
375	2010/06/23 03:35:44	0.625	65.3	10.6
376	2010/06/23 03:35:50	0.500	71.1	13.7
377	2010/06/23 03:35:51	0.625	65.1	12.6
378	2010/06/23 03:35:57	0.500	66.6	12.5
379	2010/06/23 03:36:31	0.750	75.4	12.9
380	2010/06/23 03:36:53	0.875	63.3	11.2
381	2010/06/23 03:37:25	0.875	65.4	12.2
382	2010/06/23 03:37:49	0.875	63.1	11.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

383	2010/06/23 03:38:03	0.750	64.9	11.1
384	2010/06/23 03:38:04	1.000	66.6	11.5
385	2010/06/23 03:38:30	0.750	64.8	11.9
386	2010/06/23 03:38:49	0.625	67.3	12.0
387	2010/06/23 03:39:12	0.750	63.3	11.2
388	2010/06/23 03:39:17	1.000	63.7	9.0
389	2010/06/23 03:39:28	0.750	64.3	11.5
390	2010/06/23 03:39:46	0.625	64.3	12.1
391	2010/06/23 03:40:51	1.000	59.8	11.5
392	2010/06/23 03:41:21	0.625	67.0	11.7
393	2010/06/23 03:41:47	1.000	62.5	12.8
394	2010/06/23 03:42:02	0.750	60.3	12.4
395	2010/06/23 03:42:12	0.625	59.3	12.3
396	2010/06/23 03:43:20	1.000	57.0	11.5
397	2010/06/23 03:44:53	0.625	53.8	12.1
398	2010/06/23 03:47:14	0.750	50.6	10.6
399	2010/06/23 04:01:40	0.500	46.3	12.6
400	2010/06/23 04:12:20	0.625	43.8	12.4
401	2010/06/23 04:16:36	0.875	50.4	7.7
402	2010/06/23 04:17:06	0.875	47.5	6.6
403	2010/06/23 04:17:13	0.750	50.7	6.7
404	2010/06/23 04:17:47	0.625	59.8	13.1
405	2010/06/23 04:19:11	0.875	43.6	12.0
406	2010/06/23 04:19:30	1.000	42.2	7.1
407	2010/06/23 04:19:42	0.750	46.4	8.6
408	2010/06/23 04:22:21	0.750	37.7	7.4
409	2010/06/23 04:22:36	0.750	40.0	9.5
410	2010/06/23 04:24:11	1.000	40.9	8.5
411	2010/06/23 04:27:00	0.750	43.5	8.2
412	2010/06/23 04:36:46	1.000	46.1	7.4
413	2010/06/23 04:40:12	0.500	47.7	11.4
414	2010/06/23 04:40:30	0.750	47.1	10.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

415	2010/06/23 05:32:15	0.875	47.6	9.0
416	2010/06/23 05:34:07	0.750	52.9	9.2
417	2010/06/23 05:35:54	0.625	56.2	10.7
418	2010/06/23 05:36:31	0.750	49.6	10.1
419	2010/06/23 05:37:03	0.750	53.0	9.7
420	2010/06/23 05:37:12	0.750	55.1	10.0
421	2010/06/23 05:39:42	0.875	74.1	8.3
422	2010/06/23 05:40:06	0.625	52.6	10.3
423	2010/06/23 05:40:24	0.625	62.5	10.7
424	2010/06/23 05:40:27	0.500	71.3	10.9
425	2010/06/23 05:41:10	0.625	62.9	11.2
426	2010/06/23 05:41:18	0.875	66.5	8.5
427	2010/06/23 05:41:19	0.875	63.9	6.6
428	2010/06/23 05:42:27	0.625	67.6	12.3
429	2010/06/23 05:44:05	0.750	49.4	9.5
430	2010/06/23 05:45:40	0.875	48.7	9.4
431	2010/06/23 05:49:09	0.750	52.9	10.0
432	2010/06/23 05:55:42	0.750	59.1	9.1
433	2010/06/23 05:55:46	0.750	54.4	8.8
434	2010/06/23 05:56:24	1.000	58.3	8.3
435	2010/06/23 05:56:29	0.750	53.3	8.3
436	2010/06/23 05:56:44	0.875	57.7	7.7
437	2010/06/23 05:56:50	0.875	58.8	9.4
438	2010/06/23 05:56:53	1.000	56.7	8.3
439	2010/06/23 05:57:03	1.000	57.7	7.8
440	2010/06/23 05:57:09	0.750	55.1	7.9
441	2010/06/23 06:04:31	0.875	52.2	9.2
442	2010/06/23 06:11:41	0.875	55.4	9.7
443	2010/06/23 06:11:48	0.750	54.5	10.0
444	2010/06/23 06:12:02	0.750	51.8	7.6
445	2010/06/23 06:19:19	0.750	64.9	9.2
446	2010/06/23 06:20:05	0.750	63.3	9.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

447	2010/06/23 06:47:51	0.625	60.6	12.0
448	2010/06/23 06:48:59	1.000	68.6	8.9
449	2010/06/23 06:53:33	0.750	65.5	8.4
450	2010/06/23 06:58:42	0.875	68.9	8.8
451	2010/06/23 07:08:36	0.875	63.4	9.7
452	2010/06/23 07:10:27	0.750	69.9	8.3
453	2010/06/23 07:10:49	1.000	57.8	7.9
454	2010/06/23 07:12:07	0.750	67.5	8.8
455	2010/06/23 07:12:10	1.000	71.3	8.8
456	2010/06/23 07:12:19	0.750	73.4	9.5
457	2010/06/23 07:12:21	0.750	69.7	8.9
458	2010/06/23 07:12:23	0.625	72.5	6.6
459	2010/06/23 07:12:24	0.625	71.8	6.4
460	2010/06/23 07:12:25	0.625	72.5	7.7
461	2010/06/23 07:12:25	0.625	74.2	8.2
462	2010/06/23 07:12:26	0.750	73.2	7.3
463	2010/06/23 07:12:29	0.625	76.5	8.3
464	2010/06/23 07:12:29	0.750	75.5	8.2
465	2010/06/23 07:12:30	1.000	73.8	7.1
466	2010/06/23 07:12:33	0.625	71.2	7.1
467	2010/06/23 07:12:34	0.750	71.7	6.9
468	2010/06/23 07:12:35	0.625	75.5	9.1
469	2010/06/23 07:12:35	0.750	74.9	8.4
470	2010/06/23 07:12:36	1.000	75.2	7.5
471	2010/06/23 07:12:40	0.750	76.8	10.5
472	2010/06/23 07:12:44	0.750	71.4	7.5
473	2010/06/23 07:12:47	0.750	72.5	6.7
474	2010/06/23 07:12:52	0.750	74.6	7.5
475	2010/06/23 07:12:58	0.625	75.4	7.2
476	2010/06/23 07:13:02	0.750	76.2	7.9
477	2010/06/23 07:13:32	0.875	72.5	6.5
478	2010/06/23 07:13:47	0.750	73.7	7.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

479	2010/06/23 07:13:50	0.750	73.0	7.3
480	2010/06/23 07:13:51	0.750	72.7	6.8
481	2010/06/23 07:13:52	0.750	72.9	7.4
482	2010/06/23 07:13:53	1.000	73.0	6.9
483	2010/06/23 07:13:57	0.875	73.3	7.4
484	2010/06/23 07:13:58	0.875	72.1	6.1
485	2010/06/23 07:14:13	0.750	73.4	7.3
486	2010/06/23 07:14:15	0.750	74.5	8.7
487	2010/06/23 07:14:16	0.875	73.9	7.5
488	2010/06/23 07:14:17	1.000	73.5	6.5
489	2010/06/23 07:14:19	0.750	72.7	6.6
490	2010/06/23 07:14:20	0.750	72.4	6.2
491	2010/06/23 07:14:22	0.750	70.9	6.4
492	2010/06/23 07:14:23	0.750	71.5	6.6
493	2010/06/23 07:14:24	0.750	71.3	7.0
494	2010/06/23 07:14:24	0.750	73.2	7.4
495	2010/06/23 07:14:25	0.750	72.1	6.4
496	2010/06/23 07:14:29	1.000	74.4	8.4
497	2010/06/23 07:14:30	0.625	74.4	7.2
498	2010/06/23 07:14:30	1.000	74.7	7.5
499	2010/06/23 07:14:40	1.000	73.7	6.1
500	2010/06/23 07:15:16	1.000	73.7	8.0
501	2010/06/23 07:15:17	0.750	74.3	7.7
502	2010/06/23 07:15:18	0.750	71.0	6.5
503	2010/06/23 07:15:21	0.875	73.7	6.8
504	2010/06/23 07:16:34	0.625	74.8	7.7
505	2010/06/23 07:16:38	0.875	73.9	6.5
506	2010/06/23 07:16:40	0.625	76.8	7.4
507	2010/06/23 07:16:54	1.000	71.9	6.4
508	2010/06/23 07:17:09	0.750	75.7	8.1
509	2010/06/23 07:17:54	0.750	73.7	6.8
510	2010/06/23 07:18:02	0.875	72.4	6.2



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

511	2010/06/23 07:18:19	0.750	72.2	6.9
512	2010/06/23 07:18:21	0.750	72.8	6.7
513	2010/06/23 07:18:31	0.625	74.6	8.1
514	2010/06/23 07:19:16	1.000	75.4	6.3
515	2010/06/23 07:19:17	0.625	75.4	6.9
516	2010/06/23 07:19:18	0.625	75.7	7.1
517	2010/06/23 07:20:09	0.750	76.0	7.5
518	2010/06/23 07:20:37	0.750	89.1	11.4
519	2010/06/23 07:21:18	0.875	74.3	8.0
520	2010/06/23 07:21:30	0.750	73.3	6.6
521	2010/06/23 07:21:33	0.750	73.9	9.6
522	2010/06/23 07:21:53	1.000	77.8	6.4
523	2010/06/23 07:21:58	0.625	76.4	10.6
524	2010/06/23 07:22:29	0.875	71.7	7.0
525	2010/06/23 07:22:35	0.750	73.8	7.0
526	2010/06/23 07:22:36	0.750	73.8	6.6
527	2010/06/23 07:22:59	0.625	74.8	8.0
528	2010/06/23 07:23:04	0.750	73.0	9.6
529	2010/06/23 07:23:07	0.750	72.5	10.0
530	2010/06/23 07:23:19	1.000	64.9	8.4
531	2010/06/23 07:25:53	0.625	65.5	11.5
532	2010/06/23 07:30:59	0.750	87.6	10.3
533	2010/06/23 07:32:11	0.875	66.8	8.0
534	2010/06/23 07:52:40	0.750	64.9	8.9
535	2010/06/23 07:52:41	0.750	67.7	8.1
536	2010/06/23 08:02:09	0.625	73.9	12.8
537	2010/06/23 08:07:03	0.875	66.0	7.6
538	2010/06/23 08:07:04	0.750	67.0	8.6
539	2010/06/23 08:26:45	1.000	58.3	7.3
540	2010/06/23 08:27:01	0.750	60.6	7.7
541	2010/06/23 08:37:47	0.750	99.6	9.2
542	2010/06/23 08:37:49	0.750	87.4	9.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

543	2010/06/23 08:38:55	0.625	60.9	10.1
544	2010/06/23 08:46:38	0.750	66.9	7.9
545	2010/06/23 08:46:39	0.875	71.9	8.3
546	2010/06/23 08:50:21	0.875	73.8	8.2
547	2010/06/23 08:52:48	0.625	85.5	10.1
548	2010/06/23 08:52:58	0.750	91.2	10.5
549	2010/06/23 08:58:51	0.750	83.6	8.0
550	2010/06/23 08:59:09	0.875	78.2	9.5
551	2010/06/23 08:59:27	1.000	74.8	9.2
552	2010/06/23 09:10:23	0.750	59.4	9.3
553	2010/06/23 09:36:02	0.750	67.7	7.5
554	2010/06/23 09:41:42	0.750	65.6	9.6
555	2010/06/23 09:43:40	1.000	59.1	8.5
556	2010/06/23 09:52:25	0.750	65.4	11.3
557	2010/06/23 09:56:19	1.000	67.1	11.2
558	2010/06/23 10:05:13	0.875	65.8	12.5
559	2010/06/23 10:05:15	0.875	59.9	9.8
560	2010/06/23 10:12:34	1.000	68.9	7.3
561	2010/06/23 10:12:39	1.000	71.1	8.6
562	2010/06/23 10:12:53	0.875	75.0	13.2
563	2010/06/23 10:13:01	0.750	74.6	10.0
564	2010/06/23 10:13:05	0.625	79.9	11.0
565	2010/06/23 10:13:15	0.500	82.1	13.7
566	2010/06/23 10:13:23	0.625	78.1	10.7
567	2010/06/23 10:13:29	0.875	81.0	7.3
568	2010/06/23 10:13:30	1.000	79.4	8.5
569	2010/06/23 10:13:37	0.875	66.6	6.4
570	2010/06/23 10:19:57	0.875	65.6	8.7
571	2010/06/23 10:38:02	1.000	65.5	6.3
572	2010/06/23 10:43:38	0.625	70.6	11.4
573	2010/06/23 10:51:24	0.625	79.4	9.7
574	2010/06/23 10:59:41	0.625	77.2	10.0

575	2010/06/23 11:05:38	0.875	54.6	6.8
576	2010/06/23 11:13:53	0.750	61.5	10.9
577	2010/06/23 11:13:59	0.875	69.4	7.7
578	2010/06/23 11:19:34	0.625	73.6	9.8
579	2010/06/23 11:20:48	1.000	72.7	7.4
580	2010/06/23 11:21:55	0.875	67.4	7.1
581	2010/06/23 11:22:00	1.000	64.5	7.5
582	2010/06/23 11:22:01	0.750	63.3	7.5
583	2010/06/23 11:22:47	1.000	61.4	7.3
584	2010/06/23 11:22:49	0.875	65.5	8.3
585	2010/06/23 11:23:07	0.875	69.6	6.2
586	2010/06/23 11:42:06	0.625	67.9	10.6
587	2010/06/23 11:48:13	0.875	83.9	9.6
588	2010/06/23 11:50:57	0.875	57.3	8.5
589	2010/06/23 11:52:54	0.750	61.2	8.7
590	2010/06/23 11:57:41	1.000	61.1	6.9
591	2010/06/23 12:00:32	0.750	69.6	9.1
592	2010/06/23 12:07:11	0.875	72.1	7.7
593	2010/06/23 12:10:32	0.750	62.8	8.5
594	2010/06/23 12:20:55	0.875	80.1	9.8
595	2010/06/23 12:21:26	0.875	78.7	9.2
596	2010/06/23 12:21:57	0.875	69.9	8.4
597	2010/06/23 12:25:57	0.750	74.5	10.9
598	2010/06/23 12:26:04	1.000	66.1	8.2
599	2010/06/23 12:26:07	0.625	66.2	11.4
600	2010/06/23 12:26:10	0.625	81.0	12.8
601	2010/06/23 12:26:19	0.875	71.0	10.4
602	2010/06/23 12:26:39	0.750	66.4	9.6
603	2010/06/23 12:26:48	0.750	73.5	10.7
604	2010/06/23 12:27:30	0.875	56.8	10.9
605	2010/06/23 12:27:58	1.000	70.4	7.4
606	2010/06/23 12:28:59	1.000	65.4	9.1

607	2010/06/23 12:53:18	0.750	66.1	6.2
608	2010/06/23 12:55:17	0.750	68.1	6.4
609	2010/06/23 13:02:28	0.625	60.2	10.5
610	2010/06/23 13:05:41	0.750	67.5	6.4
611	2010/06/23 13:33:25	0.750	65.2	9.5
612	2010/06/23 13:36:34	0.875	61.2	6.4
613	2010/06/23 13:37:37	1.000	61.4	7.6
614	2010/06/23 13:40:01	1.000	72.2	8.8
615	2010/06/23 13:53:09	0.750	69.3	8.8
616	2010/06/23 13:55:02	0.875	70.0	10.5
617	2010/06/23 14:06:14	1.000	60.0	9.5
618	2010/06/23 14:06:35	1.000	62.5	7.8
619	2010/06/23 14:22:44	0.625	60.5	9.8
620	2010/06/23 14:22:49	0.750	61.6	7.1
621	2010/06/23 14:23:00	0.750	54.5	7.6
622	2010/06/23 14:23:06	0.625	68.9	10.5
623	2010/06/23 14:23:31	0.625	74.4	10.7
624	2010/06/23 14:49:05	0.750	70.8	6.4
625	2010/06/23 14:54:26	0.625	84.6	10.2
626	2010/06/23 14:59:12	1.000	75.5	6.3
627	2010/06/23 15:12:18	1.000	65.4	6.7
628	2010/06/23 15:21:24	0.875	66.7	7.9
629	2010/06/23 15:21:25	0.875	71.3	7.2
630	2010/06/23 15:23:02	1.000	62.9	7.5
631	2010/06/23 15:34:40	0.750	66.9	9.7
632	2010/06/23 15:58:46	0.750	72.9	7.4
633	2010/06/23 16:03:08	0.875	61.8	6.6
634	2010/06/23 16:35:35	0.625	68.0	9.8
635	2010/06/23 16:36:23	1.000	75.1	7.9
636	2010/06/23 16:39:26	0.750	71.8	9.7
637	2010/06/23 16:47:21	0.750	65.4	7.3
638	2010/06/23 16:47:22	0.875	64.8	7.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

639	2010/06/23 16:47:47	0.875	64.5	6.6
640	2010/06/23 16:49:00	0.875	62.1	6.3
641	2010/06/23 16:55:14	1.000	60.5	6.3
642	2010/06/23 16:56:42	0.625	65.8	10.5
643	2010/06/23 17:07:10	0.625	72.7	10.7
644	2010/06/23 17:08:17	0.875	66.6	8.4
645	2010/06/23 17:08:58	0.625	68.9	9.8
646	2010/06/23 17:09:00	0.625	70.7	11.5
647	2010/06/23 17:09:03	0.875	60.8	11.4
648	2010/06/23 17:09:08	0.625	71.9	10.7
649	2010/06/23 17:09:24	0.875	58.5	7.0
650	2010/06/23 17:18:54	0.750	75.6	7.8
651	2010/06/23 17:18:55	0.875	73.6	6.7
652	2010/06/23 17:18:58	0.750	74.5	9.8
653	2010/06/23 17:19:01	0.875	76.5	7.6
654	2010/06/23 17:19:06	0.750	69.4	7.9
655	2010/06/23 17:20:33	0.625	75.1	10.1
656	2010/06/23 17:20:43	0.625	74.4	10.1
657	2010/06/23 17:20:44	0.875	77.5	8.1
658	2010/06/23 17:20:47	0.625	75.7	7.2
659	2010/06/23 17:20:48	0.625	76.6	7.9
660	2010/06/23 17:20:54	0.625	76.1	9.0
661	2010/06/23 17:20:56	0.625	76.9	8.7
662	2010/06/23 17:21:04	0.625	77.8	10.8
663	2010/06/23 17:22:36	0.750	73.1	10.5
664	2010/06/23 17:22:41	1.000	77.5	8.4
665	2010/06/23 17:22:42	0.625	76.6	8.2
666	2010/06/23 17:26:07	1.000	58.5	6.1
667	2010/06/23 17:26:11	0.625	62.7	11.7
668	2010/06/23 17:32:51	0.750	71.7	6.2
669	2010/06/23 17:33:12	0.750	70.8	6.3
670	2010/06/23 17:34:16	1.000	70.3	6.3

671	2010/06/23 17:35:15	0.750	70.5	6.6
672	2010/06/23 17:35:35	0.875	70.8	6.4
673	2010/06/23 17:35:54	0.750	69.7	6.6
674	2010/06/23 17:37:04	0.750	69.6	7.1
675	2010/06/23 17:37:39	0.875	61.4	7.4
676	2010/06/23 17:37:43	0.750	63.7	9.0
677	2010/06/23 17:39:50	0.750	67.0	9.7
678	2010/06/23 17:39:55	0.625	73.2	11.1
679	2010/06/23 17:39:58	1.000	66.0	9.5
680	2010/06/23 17:40:00	0.625	72.0	11.1
681	2010/06/23 17:40:09	0.750	72.8	8.1
682	2010/06/23 17:41:52	0.750	72.1	7.5
683	2010/06/23 17:43:01	1.000	70.6	9.4
684	2010/06/23 17:44:27	0.625	90.6	10.2
685	2010/06/23 17:44:30	1.000	72.4	12.6
686	2010/06/23 17:47:54	0.625	72.4	7.5
687	2010/06/23 17:47:56	0.625	72.9	7.0
688	2010/06/23 17:52:04	0.625	63.4	11.1
689	2010/06/23 17:57:18	0.750	65.1	9.6
690	2010/06/23 18:00:38	0.750	71.6	7.1
691	2010/06/23 18:00:39	0.750	71.6	7.6
692	2010/06/23 18:00:41	0.625	71.8	8.6
693	2010/06/23 18:00:43	0.750	71.3	6.5
694	2010/06/23 18:00:47	0.625	71.5	8.3
695	2010/06/23 18:00:49	0.750	71.1	6.4
696	2010/06/23 18:00:50	0.750	70.3	7.3
697	2010/06/23 18:00:52	0.625	72.0	9.9
698	2010/06/23 18:00:58	0.750	72.7	8.3
699	2010/06/23 18:01:03	0.750	70.7	6.7
700	2010/06/23 18:01:03	0.875	72.9	7.0
701	2010/06/23 18:01:17	0.750	71.3	6.2
702	2010/06/23 18:01:25	0.750	71.7	8.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

703	2010/06/23 18:02:03	0.625	71.0	7.0
704	2010/06/23 18:12:49	0.625	69.5	8.5
705	2010/06/23 18:18:37	0.750	62.4	8.8
706	2010/06/23 18:19:03	1.000	60.6	8.4
707	2010/06/23 18:19:30	0.750	69.8	8.8
708	2010/06/23 18:28:32	0.750	74.7	7.1
709	2010/06/23 18:30:12	0.750	58.4	8.6
710	2010/06/23 18:32:05	0.625	59.3	8.3
711	2010/06/23 18:32:06	0.750	59.7	7.7
712	2010/06/23 18:32:08	0.750	58.7	7.9
713	2010/06/23 18:32:09	0.875	58.1	7.3
714	2010/06/23 18:32:14	0.750	58.8	8.8
715	2010/06/23 18:36:57	1.000	62.6	9.5
716	2010/06/23 18:37:49	1.000	59.4	6.8
717	2010/06/23 18:37:54	1.000	64.2	7.1
718	2010/06/23 18:42:02	0.625	64.8	10.0
719	2010/06/23 18:49:31	0.875	81.1	6.2
720	2010/06/23 18:59:05	0.875	57.4	8.0
721	2010/06/23 18:59:07	0.875	70.0	8.2
722	2010/06/23 19:00:37	0.750	69.2	7.0
723	2010/06/23 19:00:50	0.750	71.2	7.9
724	2010/06/23 19:06:16	0.875	61.7	8.5
725	2010/06/23 19:10:07	1.000	63.8	9.1
726	2010/06/23 19:24:42	0.750	69.3	7.9
727	2010/06/23 19:30:24	1.000	60.1	8.7
728	2010/06/23 19:53:12	0.875	65.1	8.4
729	2010/06/23 20:09:33	0.750	63.2	9.7
730	2010/06/23 20:10:11	0.500	74.6	11.6
731	2010/06/23 20:10:52	0.875	63.8	9.5
732	2010/06/23 20:15:52	0.625	62.5	11.0
733	2010/06/23 20:33:45	0.750	71.3	7.4
734	2010/06/23 20:56:44	0.625	69.7	7.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

735	2010/06/23 20:57:23	0.875	74.1	9.0
736	2010/06/23 21:21:01	0.750	56.7	8.4
737	2010/06/23 21:21:04	0.750	57.5	9.0
738	2010/06/23 21:21:12	0.875	55.9	7.8
739	2010/06/23 21:23:31	0.750	59.2	10.0
740	2010/06/23 21:23:32	0.875	64.5	10.4
741	2010/06/23 21:23:55	0.750	63.3	8.5
742	2010/06/23 21:25:15	1.000	65.3	8.7
743	2010/06/23 21:27:23	1.000	62.0	7.2
744	2010/06/23 21:34:20	1.000	59.1	8.1
745	2010/06/23 21:37:03	0.750	69.3	7.0
746	2010/06/23 21:37:29	0.625	64.4	9.2
747	2010/06/23 21:37:49	0.875	65.4	6.6
748	2010/06/23 21:38:33	1.000	59.3	6.8
749	2010/06/23 21:44:38	0.750	61.1	8.0
750	2010/06/23 21:50:31	0.875	59.0	8.7
751	2010/06/23 22:04:05	1.000	61.9	8.6
752	2010/06/23 22:04:49	1.000	59.4	8.0
753	2010/06/23 22:07:33	0.750	58.3	7.7
754	2010/06/23 23:42:40	0.875	80.1	9.1
755	2010/06/23 23:42:59	0.875	83.0	7.4



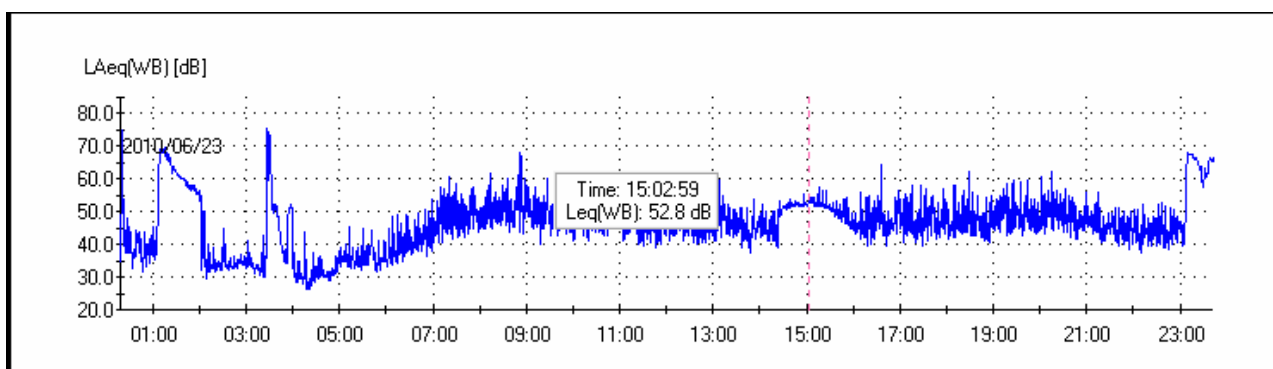
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



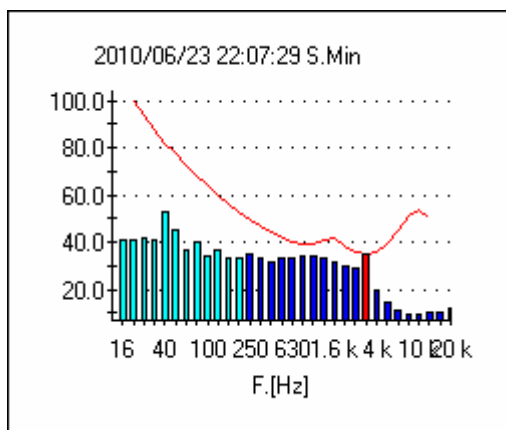
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 125	0.1
Freq: 160	0.1
Freq: 315	0.1
Freq: 400	0.1
Freq: 500	0.6
Freq: 630	0.3
Freq: 800	0.1
Freq: 1 k	0.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

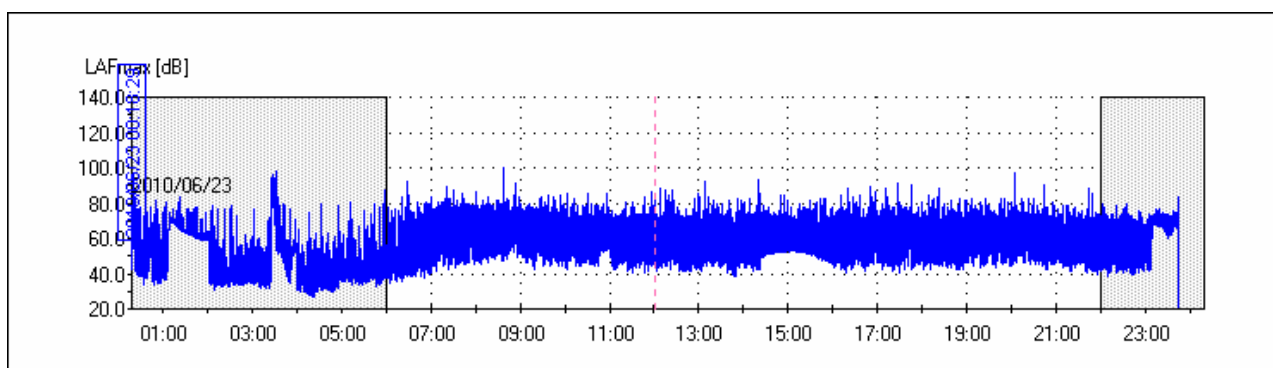
Freq: 1.25 k	0.1
Freq: 1.6 k	0.1
Freq: 2.5 k	0.2
<b>Freq: 3.15 k</b>	<b>5.4</b>
Freq: 4 k	0.2
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
<b>Penalizzazione AF: 3dB</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

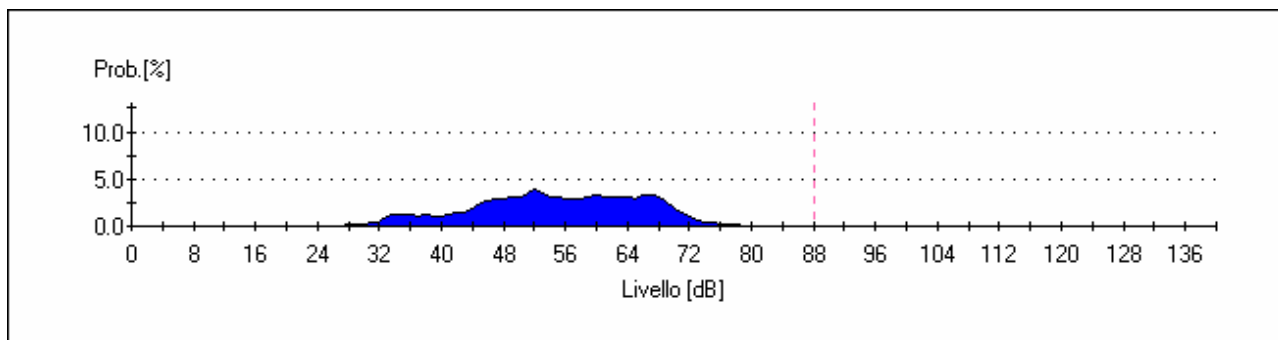
**TIME HISTORY COMPONENTI TONALI**



**IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

CUMULATIVA

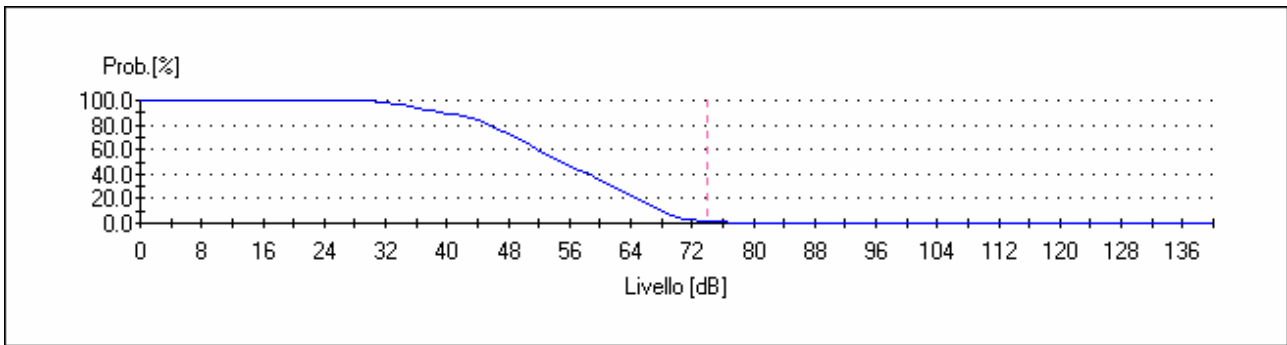
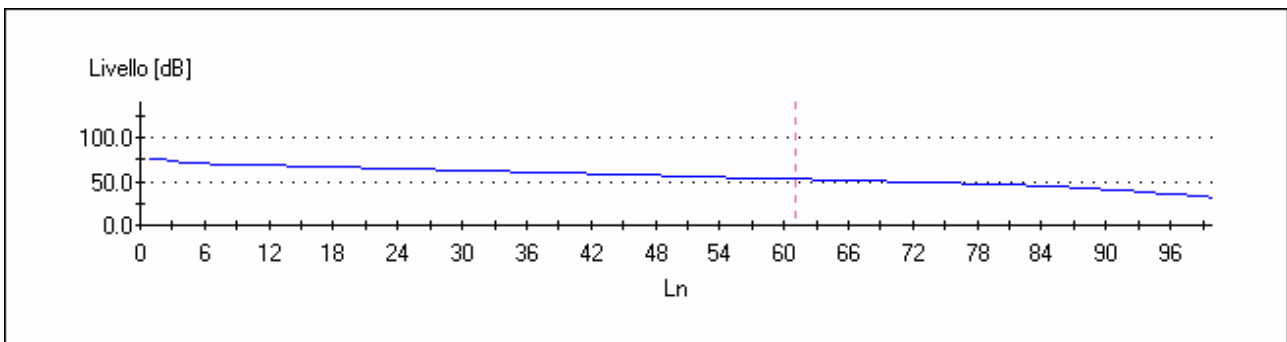


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	76.0
<b>1</b>	<b>76.0</b>
2	73.0
3	72.0
4	71.5
<b>5</b>	<b>71.0</b>
6	70.0
7	69.7
8	69.3
9	69.0
<b>10</b>	<b>68.7</b>
11	68.3
12	68.0
13	67.7
14	67.3
15	67.0
16	66.7
17	66.3
18	66.0
19	65.7
20	65.3
21	65.0
22	64.8
23	64.5
24	64.3
25	64.0
26	63.7
27	63.3
28	63.0

29	62.7
30	62.3
31	62.0
32	61.7
33	61.3
34	61.0
35	60.7
36	60.3
37	60.0
38	59.7
39	59.3
40	59.0
41	58.7
42	58.3
43	58.0
44	57.7
45	57.3
46	57.0
47	56.7
48	56.3
49	56.0
50	55.7
51	55.3
52	55.0
53	54.7
54	54.3
55	54.0
56	53.8
57	53.5
58	53.3
59	53.0
60	52.7

61	52.3
62	52.0
63	51.8
64	51.5
65	51.3
66	51.0
67	50.7
68	50.3
69	50.0
70	49.7
71	49.3
72	49.0
73	48.7
74	48.3
75	48.0
76	47.7
77	47.3
78	47.0
79	46.5
80	46.0
81	45.7
82	45.3
83	45.0
84	44.5
85	44.0
86	43.0
87	42.5
88	42.0
89	41.0
90	40.0
91	39.0
92	38.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	37.0
94	36.5
95	36.0
96	35.0
97	34.0
98	33.0
99	31.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	76.0
1	76.0
2	74.0
3	73.0
4	72.0
5	71.0
6	70.7
7	70.3
8	70.0
9	69.7
10	69.3
11	69.0
12	68.7
13	68.3
14	68.0
15	67.7
16	67.3
17	67.0
18	66.8
19	66.5
20	66.3



21	66.0
22	65.8
23	65.5
24	65.3
25	65.0
26	64.7
27	64.3
28	64.0
29	63.8
30	63.5
31	63.3
32	63.0
33	62.7
34	62.3
35	62.0
36	61.8
37	61.5
38	61.3
39	61.0
40	60.7
41	60.3
42	60.0
43	59.8
44	59.5
45	59.3
46	59.0
47	58.7
48	58.3
49	58.0
50	57.8
51	57.5
52	57.3

53	57.0
54	56.8
55	56.5
56	56.3
57	56.0
58	55.8
59	55.5
60	55.3
61	55.0
62	54.7
63	54.3
64	54.0
65	53.8
66	53.6
67	53.4
68	53.2
69	53.0
70	52.8
71	52.5
72	52.3
73	52.0
74	51.8
75	51.5
76	51.3
77	51.0
78	50.7
79	50.3
80	50.0
81	49.8
82	49.5
83	49.3
84	49.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	48.7
86	48.3
87	48.0
88	47.7
89	47.3
90	47.0
91	46.5
92	46.0
93	45.5
94	45.0
95	44.5
96	44.0
97	43.0
98	42.0
99	40.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	81.0
1	81.0
2	73.0
3	70.0
4	69.5
5	69.0
6	68.7
7	68.3
8	68.0
9	67.7
10	67.3
11	67.0
12	66.5

13	66.0
14	65.0
15	64.7
16	64.3
17	64.0
18	63.5
19	63.0
20	62.5
21	62.0
22	61.7
23	61.3
24	61.0
25	60.5
26	60.0
27	59.5
28	59.0
29	58.5
30	58.0
31	57.0
32	56.0
33	55.0
34	54.5
35	54.0
36	53.0
37	52.7
38	52.3
39	52.0
40	51.5
41	51.0
42	50.7
43	50.3
44	50.0

45	49.5
46	49.0
47	48.7
48	48.3
49	48.0
50	47.7
51	47.3
52	47.0
53	46.7
54	46.3
55	46.0
56	45.7
57	45.3
58	45.0
59	44.7
60	44.3
61	44.0
62	43.5
63	43.0
64	42.7
65	42.3
66	42.0
67	41.7
68	41.3
69	41.0
70	40.5
71	40.0
72	39.7
73	39.3
74	39.0
75	38.8
76	38.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

77	38.3
78	38.0
79	37.7
80	37.3
81	37.0
82	36.7
83	36.3
84	36.0
85	35.8
86	35.5
87	35.3
88	35.0
89	34.8
90	34.5
91	34.3
92	34.0
93	33.7
94	33.3
95	33.0
96	32.0
97	31.0
98	30.0
99	29.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
102,5	90,4	97,9
102,4	93,2	99,6
94,5	85,6	91,2
93,7	89,6	92,7
97,6	92	96,8
88,8	84,8	87,9
<b>102,5</b>	<b>93,2</b>	<b>99,6</b>

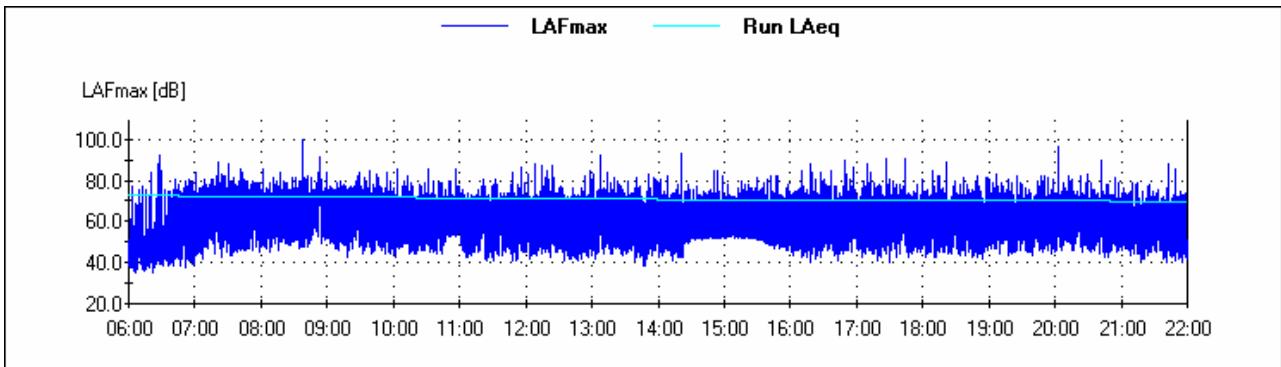
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
102,4	93,2	99,6
94,5	85,6	91,2
93,7	89,6	92,7
97,6	92	96,8
88,8	84,8	87,9
<b>102,4</b>	<b>93,2</b>	<b>99,6</b>

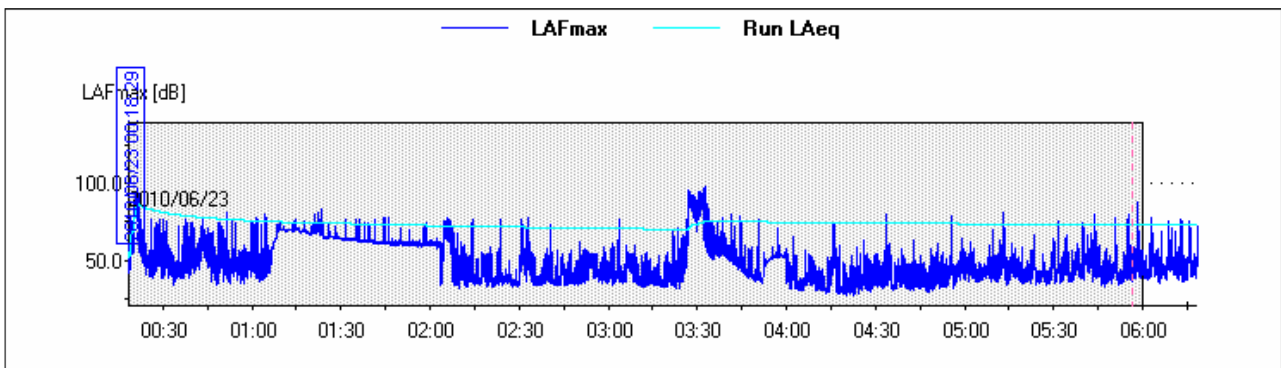
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
102,5	90,4	97,9
88,1	83,5	87,5
84,5	77,1	83
<b>102,5</b>	<b>90,4</b>	<b>97,9</b>

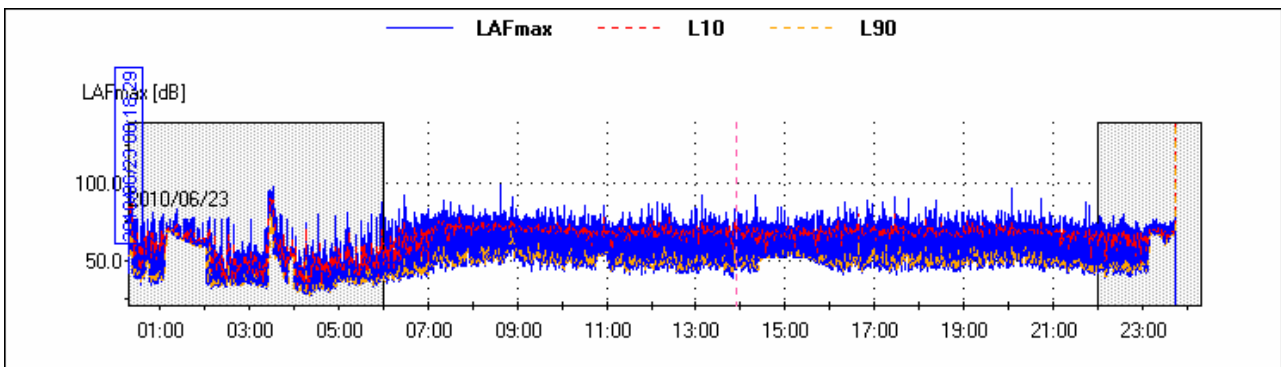
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

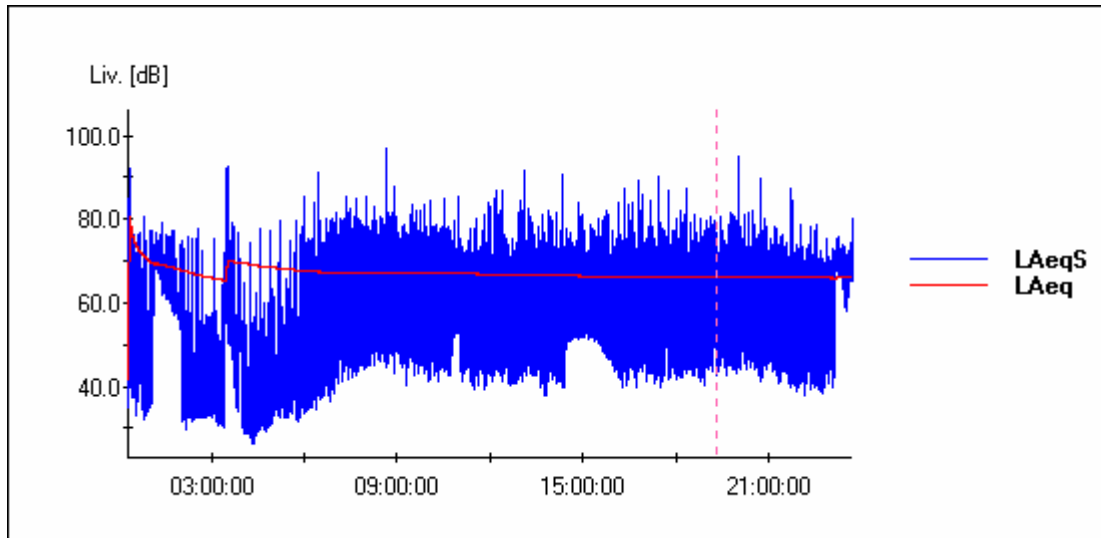


**TIME HISTORY L10 – L90**

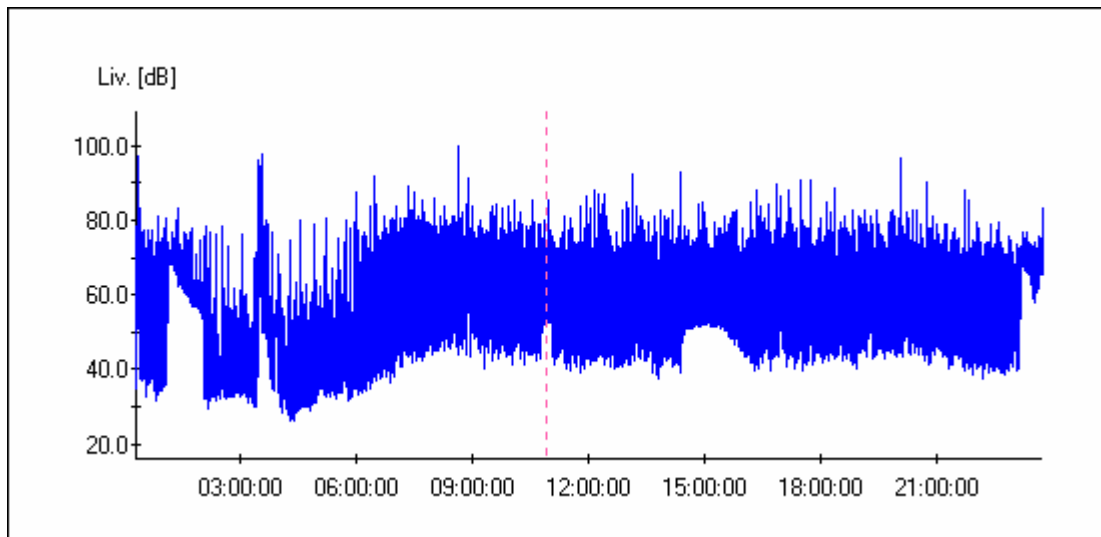


**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**





LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_7_S</b>	Indirizzo <b>STRADA PANOR. DELLO STRETTO</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata in uno slargo antistante ingresso di una proprietà privata ad una distanza di mt 1,00 dal muro di cinta</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_7_S</b>	Indirizzo <b>STRADA PANOR. DELLO STRETTO</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>23/06/10</b>	<b>70.1</b>	<b>0</b>	<b>0</b>		<b>70.1</b>	<b>60</b>
Notte	22-6h	<b>23/06/10</b>	<b>62.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62.0</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_7_S</b>
Data inizio	<b>24/06/2010</b>
Ora inizio	<b>0.40.30</b>
Note	

<b>Parametri</b>		<b>24 ore</b>	<b>Giorno (T<sub>R</sub> = 6/22)</b>	<b>Notte (T<sub>R</sub> = 22/6)</b>
L <sub>AeqTR</sub>	[dBA]	<b>68.7</b>	<b>70.1</b>	<b>62.0</b>
L1	[dBA]	<b>79.0</b>	<b>80.0</b>	<b>75.0</b>
L5	[dBA]	<b>74.0</b>	<b>75.0</b>	<b>67.0</b>
L10	[dBA]	<b>70.5</b>	<b>72.0</b>	<b>62.0</b>
L50	[dBA]	<b>55.3</b>	<b>59.3</b>	<b>42.5</b>
L90	[dBA]	<b>37.0</b>	<b>47.5</b>	<b>31.7</b>
L95	[dBA]	<b>33.0</b>	<b>45.0</b>	<b>30.0</b>
L99	[dBA]	<b>29.0</b>	<b>35.0</b>	<b>28.0</b>
L <sub>I</sub> max	[dBA]	<b>108.9</b>	<b>108.9</b>	<b>87.4</b>
L <sub>F</sub> max	[dBA]	<b>104.3</b>	<b>104.3</b>	<b>86.7</b>
L <sub>S</sub> max	[dBA]	<b>96.3</b>	<b>96.3</b>	<b>83.5</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>68.7</b>	<b>70.1</b>	<b>62.0</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore	Indirizzo
	<b>R_7_S</b>	<b>STRADA PANOR. DELLO STRETTO</b>

Sorgente stradale: _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>86</b>	<b>70</b>	<b>92</b>	<b>89</b>	<b>84.25</b>	<b>46</b>	<b>8</b>	<b>27</b>
Veic. Pesanti / 10'	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.5</b>	<b>0</b>	<b>1</b>	<b>0.5</b>
Motocicli / 10'	<b>9</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>5.5</b>	<b>1</b>	<b>3</b>	<b>2</b>
Parametri metereologici								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>NUV.</b>	<b>NUV.</b>	<b>NUV.</b>	<b>NUV.</b>		<b>NUV.</b>	<b>NUV.</b>	
Temperatura	<b>22</b>	<b>23.1</b>	<b>24.1</b>	<b>20.6</b>	<b>22.45</b>	<b>20</b>	<b>20</b>	<b>20</b>
Umidità relativa	<b>69</b>	<b>67</b>	<b>71</b>	<b>84</b>	<b>72.75</b>	<b>26</b>	<b>77</b>	<b>51.5</b>
Velocità vento	<b>0.7</b>	<b>3.2</b>	<b>3.9</b>	<b>0.7</b>	<b>2.125</b>	<b>3.9</b>	<b>0.3</b>	<b>2.1</b>
Direzione vento	<b>E N E</b>	<b>S E</b>	<b>W</b>	<b>E S E</b>		<b>S E</b>	<b>E</b>	

**Fotografia del punto di misura**

MONITORAGGIO EMISSIONI DI RUMORE PER LA  
MAPPATURA DI CLIMA ACUSTICO VOL.1/2

Codice documento  
AS0105\_F0.docx

Rev  
F0

Data  
20/06/2011



Punto

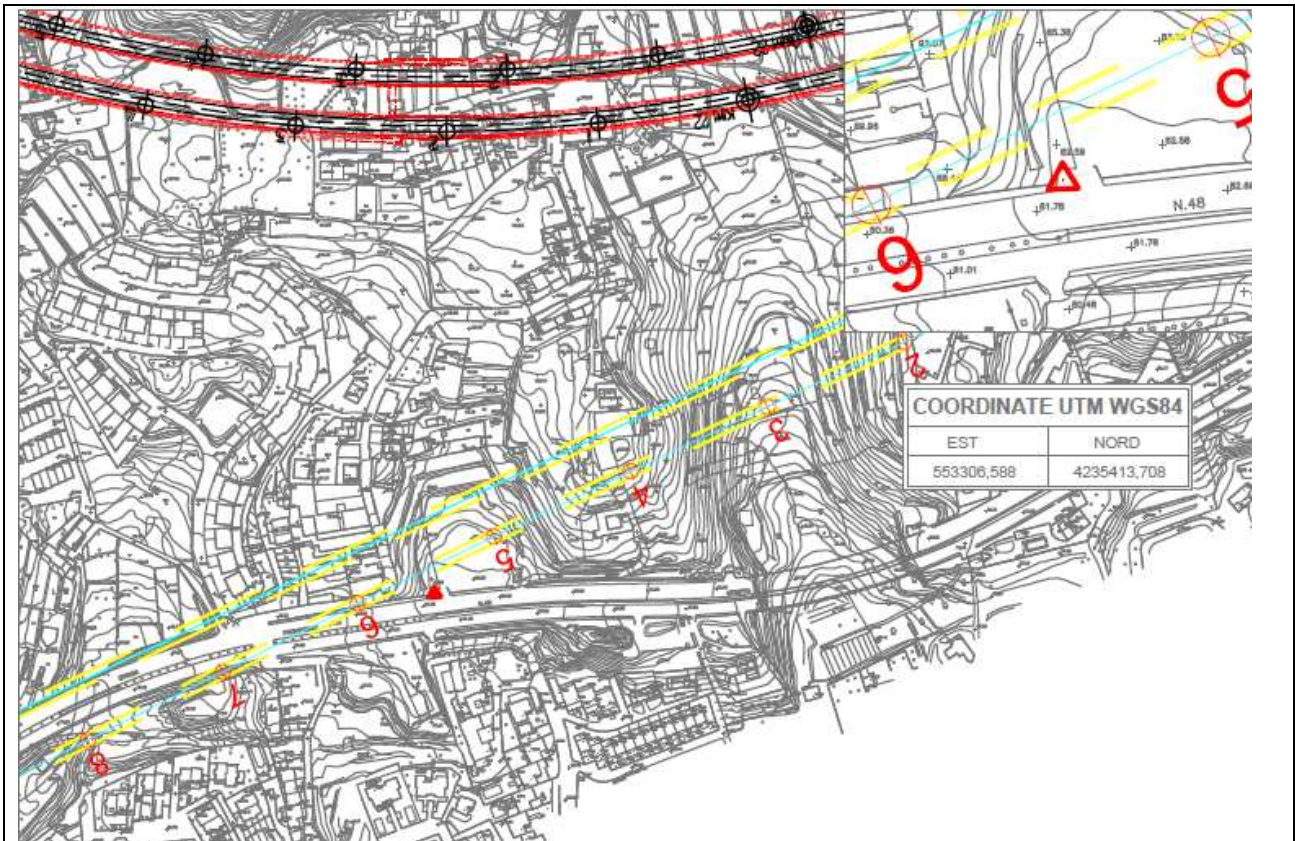
Ricettore

**R\_7\_S**

Indirizzo

**STRADA PANOR. DELLO STRETTO**

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

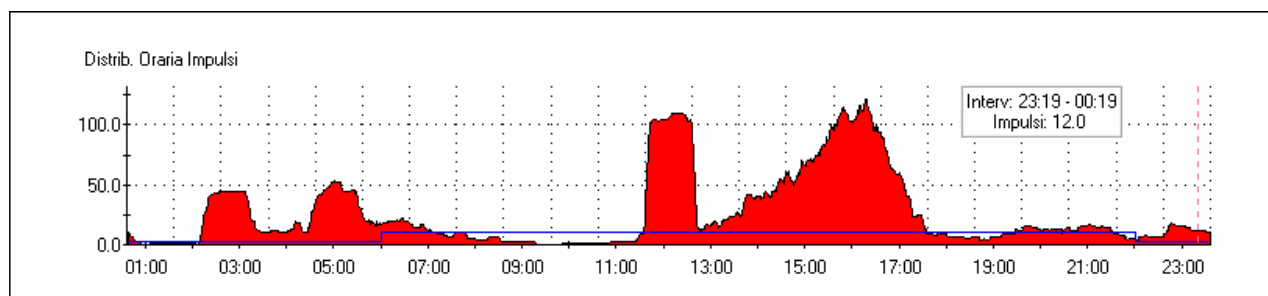
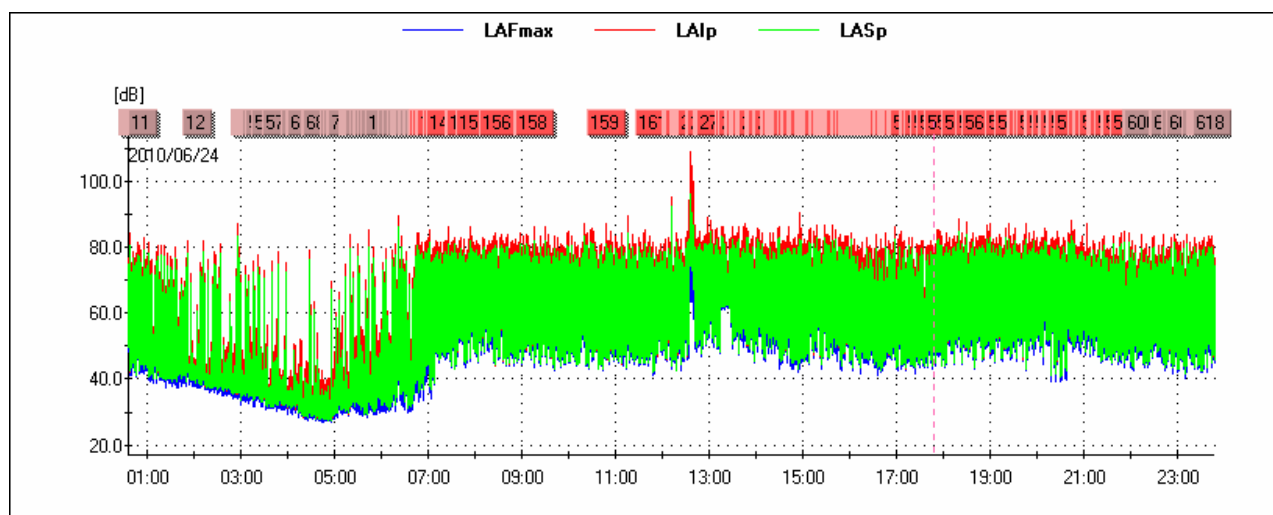
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/24 00:37:10	0.750	62.0	9.8
2	2010/06/24 00:37:20	0.625	70.0	10.6
3	2010/06/24 00:39:16	0.750	59.7	9.8
4	2010/06/24 00:39:27	0.750	60.1	8.7
5	2010/06/24 00:41:00	0.750	64.3	9.1
6	2010/06/24 00:43:20	0.750	69.9	10.2
7	2010/06/24 00:43:30	0.750	67.7	11.1
8	2010/06/24 00:44:00	0.625	60.1	11.7
9	2010/06/24 00:46:03	0.625	59.3	11.7
10	2010/06/24 00:53:14	0.750	58.6	9.9
11	2010/06/24 00:53:48	0.625	65.3	12.5
12	2010/06/24 02:03:49	0.750	60.0	8.6
13	2010/06/24 03:07:11	0.875	53.5	7.2
14	2010/06/24 03:07:20	0.875	60.0	8.3
15	2010/06/24 03:07:24	1.000	66.8	7.6
16	2010/06/24 03:07:35	0.875	62.8	9.4
17	2010/06/24 03:07:44	1.000	58.5	8.2
18	2010/06/24 03:07:47	0.750	56.6	8.5
19	2010/06/24 03:09:05	0.875	49.4	6.1
20	2010/06/24 03:09:17	1.000	48.7	8.1
21	2010/06/24 03:09:28	0.875	48.3	7.0
22	2010/06/24 03:10:25	0.875	48.6	7.8
23	2010/06/24 03:10:37	0.750	52.6	8.7
24	2010/06/24 03:10:55	0.750	51.4	9.1
25	2010/06/24 03:11:14	0.750	51.9	7.6
26	2010/06/24 03:11:20	0.875	48.1	6.8
27	2010/06/24 03:11:26	0.875	50.6	7.5
28	2010/06/24 03:11:38	0.875	52.1	7.1
29	2010/06/24 03:11:44	0.875	50.8	7.0
30	2010/06/24 03:11:51	0.750	50.1	7.3



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

31	2010/06/24 03:11:58	0.875	53.1	8.6
32	2010/06/24 03:12:03	0.750	54.0	7.6
33	2010/06/24 03:12:17	0.875	51.4	7.7
34	2010/06/24 03:12:23	0.875	51.9	7.4
35	2010/06/24 03:12:36	0.875	50.4	7.8
36	2010/06/24 03:13:02	0.875	49.2	7.4
37	2010/06/24 03:13:10	1.000	46.6	6.5
38	2010/06/24 03:13:18	0.875	49.7	7.7
39	2010/06/24 03:14:51	0.875	47.9	7.0
40	2010/06/24 03:15:10	0.875	49.7	7.0
41	2010/06/24 03:15:48	0.750	48.9	7.7
42	2010/06/24 03:16:26	0.750	49.7	6.9
43	2010/06/24 03:16:45	0.750	51.0	8.1
44	2010/06/24 03:16:56	0.750	50.5	8.5
45	2010/06/24 03:17:53	0.875	48.9	7.9
46	2010/06/24 03:18:03	0.875	49.3	7.4
47	2010/06/24 03:18:12	0.750	52.7	7.8
48	2010/06/24 03:18:24	0.875	54.6	7.6
49	2010/06/24 03:18:37	0.750	54.3	7.4
50	2010/06/24 03:18:58	0.750	54.1	7.4
51	2010/06/24 03:19:12	0.875	49.1	7.5
52	2010/06/24 03:19:26	0.875	51.0	8.0
53	2010/06/24 03:19:47	0.750	48.7	7.5
54	2010/06/24 03:21:17	0.750	52.6	8.5
55	2010/06/24 03:25:00	0.750	61.1	9.2
56	2010/06/24 03:32:24	0.875	48.7	7.5
57	2010/06/24 03:47:17	0.625	54.5	12.0
58	2010/06/24 04:10:08	0.750	47.7	9.4
59	2010/06/24 04:10:18	0.875	44.6	9.6
60	2010/06/24 04:15:56	0.750	47.7	8.1
61	2010/06/24 04:16:11	0.875	48.3	6.8
62	2010/06/24 04:16:33	0.750	47.5	8.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

63	2010/06/24 04:16:52	0.750	50.2	8.5
64	2010/06/24 04:17:10	0.750	47.8	8.4
65	2010/06/24 04:17:33	0.875	49.8	8.0
66	2010/06/24 04:18:15	0.875	45.9	7.4
67	2010/06/24 04:37:28	0.875	41.7	8.9
68	2010/06/24 04:37:59	0.625	48.4	10.3
69	2010/06/24 04:59:43	0.750	45.8	9.6
70	2010/06/24 05:03:49	0.750	51.8	10.8
71	2010/06/24 05:07:44	0.750	44.2	9.6
72	2010/06/24 05:07:49	1.000	48.7	6.8
73	2010/06/24 05:08:02	0.875	43.8	8.8
74	2010/06/24 05:08:10	0.625	47.0	9.8
75	2010/06/24 05:08:16	0.625	45.6	9.3
76	2010/06/24 05:08:36	0.875	45.2	9.1
77	2010/06/24 05:10:29	0.625	55.6	11.3
78	2010/06/24 05:25:24	0.750	46.1	10.3
79	2010/06/24 05:25:25	1.000	49.1	6.8
80	2010/06/24 05:25:28	1.000	48.6	6.5
81	2010/06/24 05:27:10	1.000	42.7	7.8
82	2010/06/24 05:27:42	1.000	47.9	8.1
83	2010/06/24 05:28:06	1.000	41.5	9.1
84	2010/06/24 05:28:16	0.750	47.5	6.6
85	2010/06/24 05:28:53	0.875	47.0	9.0
86	2010/06/24 05:28:55	1.000	47.4	7.1
87	2010/06/24 05:28:59	0.750	46.4	6.6
88	2010/06/24 05:29:25	0.750	43.3	8.0
89	2010/06/24 05:29:29	0.750	42.9	8.2
90	2010/06/24 05:29:40	0.750	46.3	9.5
91	2010/06/24 05:29:47	0.750	42.8	7.9
92	2010/06/24 05:29:55	0.625	47.1	10.1
93	2010/06/24 05:29:56	0.625	41.4	9.6
94	2010/06/24 05:30:08	1.000	46.4	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

95	2010/06/24 05:32:48	0.875	45.8	9.5
96	2010/06/24 05:32:51	0.875	52.0	7.2
97	2010/06/24 05:33:24	1.000	48.2	6.1
98	2010/06/24 05:33:26	1.000	46.8	7.0
99	2010/06/24 05:33:58	0.750	49.0	8.2
100	2010/06/24 05:34:30	0.750	44.7	7.8
101	2010/06/24 05:34:41	0.875	48.1	8.0
102	2010/06/24 05:35:22	0.750	48.8	10.4
103	2010/06/24 05:35:24	0.625	47.3	8.6
104	2010/06/24 05:36:20	0.750	44.4	7.5
105	2010/06/24 05:36:39	1.000	46.3	7.7
106	2010/06/24 05:36:52	0.750	46.0	8.2
107	2010/06/24 05:37:39	0.625	50.9	8.4
108	2010/06/24 05:38:05	1.000	46.6	8.6
109	2010/06/24 05:38:20	0.875	48.8	7.4
110	2010/06/24 05:38:37	0.750	47.2	8.0
111	2010/06/24 05:44:56	0.625	54.0	7.9
112	2010/06/24 05:44:59	0.625	53.6	6.7
113	2010/06/24 05:45:00	1.000	56.8	6.5
114	2010/06/24 05:45:02	0.750	57.5	8.0
115	2010/06/24 05:48:25	0.875	44.4	8.5
116	2010/06/24 05:50:59	1.000	41.6	8.1
117	2010/06/24 05:51:10	0.750	40.9	9.3
118	2010/06/24 05:54:20	0.625	47.1	9.5
119	2010/06/24 05:54:26	0.625	51.7	9.7
120	2010/06/24 05:54:30	0.875	49.9	10.8
121	2010/06/24 05:58:38	1.000	47.2	7.0
122	2010/06/24 06:03:35	0.750	52.2	8.4
123	2010/06/24 06:20:27	1.000	57.9	7.4
124	2010/06/24 06:27:03	0.625	47.7	10.6
125	2010/06/24 06:27:03	0.750	45.8	9.4
126	2010/06/24 06:27:08	0.625	49.3	9.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

127	2010/06/24 06:27:10	0.750	48.6	9.8
128	2010/06/24 06:33:14	1.000	54.5	9.7
129	2010/06/24 06:35:30	0.625	54.6	11.9
130	2010/06/24 06:38:43	0.875	45.1	10.4
131	2010/06/24 06:39:29	0.625	45.4	9.6
132	2010/06/24 06:43:07	0.625	53.5	11.1
133	2010/06/24 06:46:55	0.750	60.4	8.9
134	2010/06/24 06:47:25	0.625	53.7	10.8
135	2010/06/24 06:53:15	0.750	49.8	9.8
136	2010/06/24 06:53:33	0.750	45.5	8.2
137	2010/06/24 06:53:47	0.625	65.5	11.1
138	2010/06/24 06:54:37	0.750	49.4	10.0
139	2010/06/24 06:57:22	0.875	53.7	8.0
140	2010/06/24 07:00:15	0.625	55.2	10.3
141	2010/06/24 07:03:50	0.625	61.2	11.0
142	2010/06/24 07:07:54	0.875	58.4	8.6
143	2010/06/24 07:10:49	1.000	71.1	10.0
144	2010/06/24 07:18:59	0.875	67.0	8.7
145	2010/06/24 07:22:32	0.875	65.7	10.3
146	2010/06/24 07:23:03	0.625	62.7	11.7
147	2010/06/24 07:46:22	0.750	63.6	8.4
148	2010/06/24 07:46:51	0.625	73.5	11.7
149	2010/06/24 07:48:07	0.875	56.1	10.3
150	2010/06/24 07:48:14	0.750	58.9	10.4
151	2010/06/24 07:48:23	0.625	69.2	11.8
152	2010/06/24 07:59:38	0.625	72.4	10.2
153	2010/06/24 08:29:58	1.000	70.9	7.2
154	2010/06/24 08:31:00	0.625	66.2	10.9
155	2010/06/24 08:31:03	0.625	71.2	11.0
156	2010/06/24 08:31:07	0.625	63.7	10.6
157	2010/06/24 09:14:52	0.750	73.5	7.7
158	2010/06/24 09:15:24	1.000	57.6	9.4

159	2010/06/24 10:48:32	1.000	86.0	6.1
160	2010/06/24 11:49:18	0.875	55.7	10.9
161	2010/06/24 11:50:22	0.750	62.9	10.2
162	2010/06/24 12:23:09	0.625	56.6	9.8
163	2010/06/24 12:23:10	0.625	58.9	11.6
164	2010/06/24 12:26:09	0.875	61.9	7.6
165	2010/06/24 12:26:20	0.625	73.0	9.9
166	2010/06/24 12:28:25	1.000	63.6	10.8
167	2010/06/24 12:28:26	0.625	70.2	12.4
168	2010/06/24 12:28:44	0.750	70.1	9.4
169	2010/06/24 12:33:37	1.000	79.1	6.7
170	2010/06/24 12:33:46	0.625	74.5	10.3
171	2010/06/24 12:34:15	0.875	71.1	6.7
172	2010/06/24 12:34:34	0.875	72.6	9.0
173	2010/06/24 12:34:37	1.000	77.2	12.0
174	2010/06/24 12:34:38	0.625	78.1	11.9
175	2010/06/24 12:34:39	0.500	74.5	11.0
176	2010/06/24 12:34:42	0.875	66.0	10.5
177	2010/06/24 12:34:48	0.625	70.6	12.6
178	2010/06/24 12:35:00	0.750	89.6	11.9
179	2010/06/24 12:35:02	0.875	88.6	12.7
180	2010/06/24 12:35:05	0.500	86.2	11.5
181	2010/06/24 12:35:07	0.625	93.1	13.6
182	2010/06/24 12:35:10	0.625	89.9	9.8
183	2010/06/24 12:35:11	0.875	91.2	10.8
184	2010/06/24 12:35:17	0.500	84.5	11.0
185	2010/06/24 12:35:18	0.625	83.4	10.3
186	2010/06/24 12:35:19	0.500	96.9	13.8
187	2010/06/24 12:35:22	0.875	89.0	10.0
188	2010/06/24 12:35:23	0.750	88.9	8.5
189	2010/06/24 12:35:24	0.625	85.9	8.2
190	2010/06/24 12:35:25	1.000	80.4	8.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

191	2010/06/24 12:35:30	0.500	86.7	10.5
192	2010/06/24 12:35:32	0.500	92.2	11.8
193	2010/06/24 12:35:34	0.625	92.6	10.7
194	2010/06/24 12:35:37	0.875	95.1	12.1
195	2010/06/24 12:35:42	0.750	92.8	10.7
196	2010/06/24 12:35:43	0.750	94.2	9.8
197	2010/06/24 12:35:48	0.500	97.4	11.1
198	2010/06/24 12:35:51	0.625	95.7	10.6
199	2010/06/24 12:35:53	1.000	97.9	9.8
200	2010/06/24 12:36:00	0.750	100.5	10.7
201	2010/06/24 12:36:03	0.625	99.1	10.5
202	2010/06/24 12:36:06	1.000	99.3	8.3
203	2010/06/24 12:36:08	0.750	94.4	7.5
204	2010/06/24 12:36:22	0.875	101.3	11.5
205	2010/06/24 12:36:35	0.875	98.6	10.7
206	2010/06/24 12:36:41	0.875	100.4	11.4
207	2010/06/24 12:36:55	0.750	90.4	11.5
208	2010/06/24 12:37:06	0.625	96.0	11.4
209	2010/06/24 12:37:09	0.500	89.9	11.8
210	2010/06/24 12:37:17	0.625	99.4	14.0
211	2010/06/24 12:37:18	1.000	83.9	15.6
212	2010/06/24 12:37:26	0.750	85.0	9.5
213	2010/06/24 12:37:29	0.500	89.5	12.5
214	2010/06/24 12:37:31	0.750	93.2	13.6
215	2010/06/24 12:37:36	1.000	98.9	13.6
216	2010/06/24 12:37:37	0.625	84.0	14.8
217	2010/06/24 12:37:39	0.750	91.5	11.3
218	2010/06/24 12:37:40	0.625	82.9	11.6
219	2010/06/24 12:37:45	0.625	93.8	11.9
220	2010/06/24 12:38:00	0.625	85.6	8.9
221	2010/06/24 12:38:01	0.875	90.1	12.0
222	2010/06/24 12:38:02	0.500	86.9	10.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

223	2010/06/24 12:38:04	0.875	94.8	11.6
224	2010/06/24 12:38:05	0.625	94.4	9.4
225	2010/06/24 12:38:06	0.750	90.9	8.7
226	2010/06/24 12:38:14	0.750	87.0	11.1
227	2010/06/24 12:38:18	0.750	89.5	11.2
228	2010/06/24 12:38:21	0.500	93.2	12.9
229	2010/06/24 12:38:25	0.625	92.8	10.8
230	2010/06/24 12:38:35	0.500	94.0	12.2
231	2010/06/24 12:38:36	0.625	90.2	11.8
232	2010/06/24 12:38:38	0.625	92.0	12.3
233	2010/06/24 12:38:41	0.875	79.1	10.9
234	2010/06/24 12:38:45	0.500	84.4	12.3
235	2010/06/24 12:38:57	0.500	89.3	12.2
236	2010/06/24 12:39:02	0.500	92.3	13.4
237	2010/06/24 12:39:03	0.625	95.1	12.9
238	2010/06/24 12:39:09	0.625	91.5	12.4
239	2010/06/24 12:39:10	0.875	90.1	11.6
240	2010/06/24 12:39:14	0.625	95.4	13.2
241	2010/06/24 12:39:15	0.625	88.4	12.0
242	2010/06/24 12:39:17	1.000	85.4	10.5
243	2010/06/24 12:39:18	0.625	79.1	10.7
244	2010/06/24 12:39:22	1.000	87.9	11.7
245	2010/06/24 12:39:42	0.500	81.9	11.3
246	2010/06/24 12:40:05	0.625	86.3	12.8
247	2010/06/24 12:40:06	0.750	83.5	11.2
248	2010/06/24 12:40:07	0.750	76.9	11.3
249	2010/06/24 12:40:09	0.500	83.1	12.9
250	2010/06/24 12:40:16	1.000	80.6	10.6
251	2010/06/24 12:40:19	1.000	82.8	11.6
252	2010/06/24 12:40:21	0.625	84.6	11.5
253	2010/06/24 12:40:24	0.750	83.2	11.1
254	2010/06/24 12:40:31	0.750	86.8	12.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

255	2010/06/24 12:40:47	1.000	78.1	10.4
256	2010/06/24 12:40:49	0.625	80.2	12.2
257	2010/06/24 12:41:14	1.000	82.0	10.5
258	2010/06/24 12:41:15	0.750	81.9	9.7
259	2010/06/24 12:41:36	0.625	68.4	10.0
260	2010/06/24 12:41:38	0.500	66.9	10.7
261	2010/06/24 12:41:47	1.000	65.7	12.0
262	2010/06/24 12:44:09	0.500	69.9	12.7
263	2010/06/24 12:44:11	0.500	68.9	12.0
264	2010/06/24 12:44:36	0.500	76.1	13.0
265	2010/06/24 12:54:45	0.750	72.8	9.5
266	2010/06/24 12:55:07	0.875	64.4	10.1
267	2010/06/24 13:04:35	0.625	69.7	12.1
268	2010/06/24 13:05:22	0.875	72.5	9.4
269	2010/06/24 13:07:26	0.500	74.1	12.7
270	2010/06/24 13:07:27	1.000	65.2	12.5
271	2010/06/24 13:08:52	1.000	83.7	7.8
272	2010/06/24 13:32:10	0.750	73.8	8.9
273	2010/06/24 13:35:44	0.625	76.0	11.6
274	2010/06/24 13:35:50	0.625	71.1	10.1
275	2010/06/24 13:44:13	0.750	76.5	10.1
276	2010/06/24 13:46:23	0.875	85.2	9.0
277	2010/06/24 13:46:34	0.750	72.5	9.4
278	2010/06/24 13:50:30	0.750	64.2	6.1
279	2010/06/24 13:50:33	0.875	69.0	10.6
280	2010/06/24 13:51:30	0.750	71.0	11.8
281	2010/06/24 13:51:51	1.000	62.9	11.3
282	2010/06/24 13:54:44	0.875	78.8	9.1
283	2010/06/24 13:58:38	0.625	69.3	12.7
284	2010/06/24 14:00:51	1.000	78.1	9.7
285	2010/06/24 14:02:02	0.750	71.4	11.3
286	2010/06/24 14:02:13	0.750	76.0	13.0



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

287	2010/06/24 14:09:16	0.750	70.4	11.1
288	2010/06/24 14:11:46	0.750	69.2	9.4
289	2010/06/24 14:12:09	0.625	66.3	11.6
290	2010/06/24 14:12:14	0.625	65.9	10.6
291	2010/06/24 14:13:08	0.625	69.8	10.3
292	2010/06/24 14:14:09	1.000	62.4	8.1
293	2010/06/24 14:20:28	0.875	71.0	11.1
294	2010/06/24 14:21:15	0.625	80.4	11.9
295	2010/06/24 14:29:42	1.000	73.7	11.7
296	2010/06/24 14:29:43	1.000	74.8	9.5
297	2010/06/24 14:31:26	0.875	75.3	8.5
298	2010/06/24 14:31:30	0.625	68.6	6.8
299	2010/06/24 14:36:01	0.750	64.6	10.0
300	2010/06/24 14:38:10	0.750	61.5	11.1
301	2010/06/24 14:38:52	0.750	69.1	6.6
302	2010/06/24 14:38:53	0.750	71.6	9.5
303	2010/06/24 14:38:58	0.875	65.1	8.3
304	2010/06/24 14:39:25	0.625	61.3	12.2
305	2010/06/24 14:40:08	0.625	67.2	12.2
306	2010/06/24 14:40:09	0.875	61.9	10.0
307	2010/06/24 14:40:39	0.500	67.6	12.3
308	2010/06/24 14:40:41	0.750	72.0	11.6
309	2010/06/24 14:40:59	0.625	71.7	13.1
310	2010/06/24 14:41:31	0.750	69.0	9.7
311	2010/06/24 14:42:06	0.750	73.2	12.3
312	2010/06/24 14:42:11	0.750	71.8	10.9
313	2010/06/24 14:42:59	0.750	69.4	11.5
314	2010/06/24 14:43:15	0.750	64.9	8.7
315	2010/06/24 14:43:24	1.000	65.5	10.2
316	2010/06/24 14:44:31	0.875	68.8	7.6
317	2010/06/24 14:44:34	0.875	70.1	8.5
318	2010/06/24 14:46:11	0.875	61.7	10.5

319	2010/06/24 14:46:12	0.625	60.7	11.0
320	2010/06/24 14:51:48	0.875	71.9	11.5
321	2010/06/24 14:55:44	0.625	85.4	13.5
322	2010/06/24 14:56:39	0.750	62.0	9.8
323	2010/06/24 14:57:39	0.625	77.7	7.2
324	2010/06/24 14:58:28	0.875	62.5	8.7
325	2010/06/24 15:03:34	0.750	69.3	10.5
326	2010/06/24 15:06:01	1.000	69.6	8.0
327	2010/06/24 15:06:09	0.625	66.6	9.9
328	2010/06/24 15:06:24	0.625	63.5	12.4
329	2010/06/24 15:06:47	0.750	71.2	10.5
330	2010/06/24 15:07:25	0.750	66.5	11.8
331	2010/06/24 15:13:20	0.625	58.7	11.5
332	2010/06/24 15:15:04	0.875	70.9	9.1
333	2010/06/24 15:15:51	0.625	75.6	12.2
334	2010/06/24 15:16:05	0.750	65.8	12.5
335	2010/06/24 15:16:07	0.750	61.0	11.2
336	2010/06/24 15:16:14	0.750	65.8	11.1
337	2010/06/24 15:18:46	0.750	75.1	9.1
338	2010/06/24 15:19:59	0.750	74.0	10.5
339	2010/06/24 15:21:59	0.625	73.9	12.5
340	2010/06/24 15:22:00	0.500	77.5	12.8
341	2010/06/24 15:23:12	0.625	68.5	12.0
342	2010/06/24 15:23:18	0.625	69.9	10.9
343	2010/06/24 15:23:19	0.500	72.5	11.6
344	2010/06/24 15:23:20	1.000	63.5	11.9
345	2010/06/24 15:23:21	0.875	61.8	10.5
346	2010/06/24 15:23:52	0.875	69.1	10.1
347	2010/06/24 15:26:20	0.875	64.0	12.4
348	2010/06/24 15:26:24	0.875	66.4	9.1
349	2010/06/24 15:26:35	0.625	66.7	13.2
350	2010/06/24 15:32:03	0.625	58.7	12.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

351	2010/06/24 15:32:11	0.750	70.9	11.1
352	2010/06/24 15:32:44	0.625	68.1	11.9
353	2010/06/24 15:32:46	0.875	71.4	10.6
354	2010/06/24 15:33:07	0.625	75.3	11.2
355	2010/06/24 15:33:51	0.750	70.6	12.1
356	2010/06/24 15:33:57	0.750	75.6	10.2
357	2010/06/24 15:34:00	0.625	70.1	9.7
358	2010/06/24 15:34:04	0.625	75.5	11.5
359	2010/06/24 15:37:10	0.750	68.0	10.6
360	2010/06/24 15:37:31	0.875	63.2	9.4
361	2010/06/24 15:40:35	1.000	68.7	12.7
362	2010/06/24 15:40:43	0.625	67.9	12.4
363	2010/06/24 15:41:15	0.750	73.2	9.5
364	2010/06/24 15:42:28	1.000	69.7	11.4
365	2010/06/24 15:42:54	1.000	69.4	9.2
366	2010/06/24 15:43:39	1.000	63.1	7.9
367	2010/06/24 15:43:42	1.000	63.3	6.1
368	2010/06/24 15:45:21	1.000	73.6	8.1
369	2010/06/24 15:45:26	0.875	67.6	6.2
370	2010/06/24 15:46:26	0.750	70.5	10.6
371	2010/06/24 15:46:33	0.875	65.8	10.9
372	2010/06/24 15:47:26	0.500	67.3	12.0
373	2010/06/24 15:47:27	0.625	67.3	11.1
374	2010/06/24 15:47:32	0.625	72.2	13.2
375	2010/06/24 15:48:11	0.625	71.7	7.3
376	2010/06/24 15:48:13	0.625	68.0	9.6
377	2010/06/24 15:50:49	0.625	63.1	9.2
378	2010/06/24 15:50:53	0.750	63.1	10.8
379	2010/06/24 15:50:54	0.500	65.2	12.1
380	2010/06/24 15:52:26	0.750	62.5	9.0
381	2010/06/24 15:52:28	0.500	73.8	12.0
382	2010/06/24 15:53:39	0.750	73.5	12.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

383	2010/06/24 15:53:42	0.500	71.8	12.2
384	2010/06/24 15:53:49	0.750	64.3	10.4
385	2010/06/24 15:53:53	0.625	66.9	12.0
386	2010/06/24 15:54:10	0.625	71.6	12.8
387	2010/06/24 15:54:13	0.750	70.9	11.2
388	2010/06/24 15:54:18	0.750	63.5	10.6
389	2010/06/24 15:54:27	0.625	64.7	8.3
390	2010/06/24 15:54:48	1.000	71.1	11.9
391	2010/06/24 15:59:25	0.875	74.9	7.7
392	2010/06/24 15:59:50	0.750	66.1	9.9
393	2010/06/24 16:00:00	0.625	63.5	11.0
394	2010/06/24 16:00:34	0.750	69.3	10.7
395	2010/06/24 16:01:34	0.750	59.5	9.5
396	2010/06/24 16:05:06	0.625	63.3	10.8
397	2010/06/24 16:05:13	0.750	73.5	9.3
398	2010/06/24 16:06:47	0.750	72.7	11.3
399	2010/06/24 16:06:53	0.625	78.8	11.1
400	2010/06/24 16:09:06	0.500	72.9	13.5
401	2010/06/24 16:09:38	0.750	60.3	12.5
402	2010/06/24 16:10:07	0.875	60.3	11.1
403	2010/06/24 16:10:52	0.750	69.0	10.1
404	2010/06/24 16:11:35	0.875	75.4	10.5
405	2010/06/24 16:12:17	0.625	69.7	12.2
406	2010/06/24 16:14:30	1.000	67.3	11.2
407	2010/06/24 16:15:18	1.000	70.1	9.2
408	2010/06/24 16:15:43	0.750	66.5	8.1
409	2010/06/24 16:15:47	1.000	65.3	8.9
410	2010/06/24 16:15:49	0.875	63.7	8.6
411	2010/06/24 16:17:30	0.750	72.6	12.0
412	2010/06/24 16:17:31	0.750	71.2	8.4
413	2010/06/24 16:17:33	1.000	64.7	7.2
414	2010/06/24 16:17:34	1.000	61.4	7.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

415	2010/06/24 16:17:55	0.625	65.3	9.7
416	2010/06/24 16:17:56	0.500	71.7	12.6
417	2010/06/24 16:18:26	0.750	67.2	11.6
418	2010/06/24 16:19:35	0.750	63.5	11.9
419	2010/06/24 16:19:36	0.500	68.0	10.7
420	2010/06/24 16:19:49	0.500	69.8	13.7
421	2010/06/24 16:20:28	0.875	59.0	11.3
422	2010/06/24 16:21:34	0.625	69.7	13.4
423	2010/06/24 16:22:46	0.625	63.6	10.5
424	2010/06/24 16:22:59	0.500	67.7	12.5
425	2010/06/24 16:23:05	1.000	69.4	10.6
426	2010/06/24 16:23:08	0.625	73.2	12.8
427	2010/06/24 16:23:10	0.750	61.0	12.3
428	2010/06/24 16:23:15	0.750	63.9	9.8
429	2010/06/24 16:24:31	0.625	72.4	12.2
430	2010/06/24 16:24:37	0.750	65.1	12.6
431	2010/06/24 16:24:40	0.500	76.1	12.4
432	2010/06/24 16:24:45	1.000	61.1	8.7
433	2010/06/24 16:25:08	1.000	73.7	9.7
434	2010/06/24 16:25:28	0.875	69.9	9.5
435	2010/06/24 16:25:37	0.625	64.2	10.8
436	2010/06/24 16:25:41	0.625	70.7	11.9
437	2010/06/24 16:28:14	0.750	76.0	10.7
438	2010/06/24 16:28:20	0.875	65.2	8.0
439	2010/06/24 16:29:15	1.000	65.3	10.1
440	2010/06/24 16:29:24	0.875	60.2	9.1
441	2010/06/24 16:29:25	1.000	60.4	10.6
442	2010/06/24 16:29:35	0.625	64.4	10.8
443	2010/06/24 16:29:41	0.625	67.5	11.4
444	2010/06/24 16:30:29	0.750	58.3	11.0
445	2010/06/24 16:30:34	1.000	57.9	10.0
446	2010/06/24 16:30:51	0.625	68.8	10.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

447	2010/06/24 16:31:22	0.875	75.8	9.7
448	2010/06/24 16:31:28	0.625	61.1	10.0
449	2010/06/24 16:31:35	0.750	56.0	10.9
450	2010/06/24 16:31:48	0.750	67.2	10.0
451	2010/06/24 16:33:10	0.625	70.1	13.0
452	2010/06/24 16:33:19	0.750	57.8	10.0
453	2010/06/24 16:33:21	0.875	59.8	11.9
454	2010/06/24 16:33:41	0.625	60.2	10.6
455	2010/06/24 16:35:10	0.875	58.8	10.3
456	2010/06/24 16:35:31	0.875	74.7	11.4
457	2010/06/24 16:35:33	0.625	65.4	11.9
458	2010/06/24 16:35:40	0.625	66.5	12.1
459	2010/06/24 16:37:17	1.000	71.7	12.4
460	2010/06/24 16:39:24	0.625	57.3	12.4
461	2010/06/24 16:39:36	0.875	60.4	10.3
462	2010/06/24 16:39:55	0.750	54.4	10.7
463	2010/06/24 16:39:56	1.000	53.9	9.8
464	2010/06/24 16:40:06	1.000	59.0	10.4
465	2010/06/24 16:40:10	0.500	78.0	12.5
466	2010/06/24 16:40:41	0.875	62.9	10.3
467	2010/06/24 16:40:51	0.625	63.8	11.4
468	2010/06/24 16:40:52	0.875	62.1	8.9
469	2010/06/24 16:41:50	0.750	56.9	11.4
470	2010/06/24 16:42:47	0.625	65.9	10.0
471	2010/06/24 16:42:48	0.750	63.1	8.7
472	2010/06/24 16:42:51	0.875	59.0	9.8
473	2010/06/24 16:42:56	1.000	57.9	8.7
474	2010/06/24 16:43:16	1.000	59.7	9.8
475	2010/06/24 16:43:33	0.875	63.8	10.4
476	2010/06/24 16:43:37	0.625	60.7	9.9
477	2010/06/24 16:44:48	0.500	73.9	13.0
478	2010/06/24 16:44:49	0.875	76.4	9.8

479	2010/06/24 16:45:35	0.625	61.2	11.6
480	2010/06/24 16:45:38	0.875	71.5	9.8
481	2010/06/24 16:45:55	0.750	63.8	8.8
482	2010/06/24 16:46:00	0.625	66.1	10.5
483	2010/06/24 16:46:02	0.625	65.5	10.3
484	2010/06/24 16:46:04	0.875	57.7	9.9
485	2010/06/24 16:46:05	0.625	63.5	10.0
486	2010/06/24 16:46:08	0.500	63.1	10.0
487	2010/06/24 16:47:25	0.875	69.2	12.1
488	2010/06/24 16:48:20	1.000	68.6	11.7
489	2010/06/24 16:50:39	0.750	62.7	12.1
490	2010/06/24 16:52:58	1.000	72.3	7.8
491	2010/06/24 16:53:33	0.750	64.3	6.5
492	2010/06/24 16:54:41	0.625	70.7	10.5
493	2010/06/24 16:54:57	0.625	70.1	12.0
494	2010/06/24 16:59:54	0.750	61.2	10.4
495	2010/06/24 17:00:07	1.000	73.1	9.0
496	2010/06/24 17:00:15	0.875	70.6	7.7
497	2010/06/24 17:00:20	0.750	71.1	11.8
498	2010/06/24 17:00:31	0.750	70.6	9.0
499	2010/06/24 17:01:07	0.500	78.1	12.4
500	2010/06/24 17:02:21	1.000	64.0	10.4
501	2010/06/24 17:03:55	0.625	75.7	8.3
502	2010/06/24 17:03:59	0.875	65.2	8.4
503	2010/06/24 17:04:17	0.750	68.0	8.1
504	2010/06/24 17:04:33	1.000	68.5	8.9
505	2010/06/24 17:05:06	0.625	75.1	11.8
506	2010/06/24 17:05:08	1.000	64.8	11.6
507	2010/06/24 17:05:24	0.625	75.8	11.8
508	2010/06/24 17:05:27	0.500	81.0	12.1
509	2010/06/24 17:05:31	0.625	55.0	17.6
510	2010/06/24 17:07:20	0.750	59.9	9.4

511	2010/06/24 17:07:39	0.625	59.5	11.9
512	2010/06/24 17:07:43	0.875	62.2	10.6
513	2010/06/24 17:07:49	0.625	62.6	11.7
514	2010/06/24 17:07:52	0.750	64.8	9.7
515	2010/06/24 17:07:53	0.750	70.1	11.1
516	2010/06/24 17:12:03	1.000	61.2	9.7
517	2010/06/24 17:12:08	0.625	63.0	10.2
518	2010/06/24 17:12:09	0.875	64.0	8.6
519	2010/06/24 17:13:22	0.625	62.9	10.2
520	2010/06/24 17:13:47	0.750	65.5	9.1
521	2010/06/24 17:14:05	0.750	66.2	11.4
522	2010/06/24 17:14:14	0.625	66.3	10.5
523	2010/06/24 17:14:15	0.750	58.2	10.0
524	2010/06/24 17:14:17	0.625	59.5	9.0
525	2010/06/24 17:14:20	0.875	59.3	8.6
526	2010/06/24 17:14:27	0.625	71.9	13.2
527	2010/06/24 17:14:39	0.625	60.9	12.7
528	2010/06/24 17:15:43	0.750	58.4	9.8
529	2010/06/24 17:15:47	0.750	59.5	10.0
530	2010/06/24 17:15:48	0.625	65.5	11.2
531	2010/06/24 17:15:51	0.750	61.3	8.7
532	2010/06/24 17:15:59	0.625	64.5	10.0
533	2010/06/24 17:28:11	0.875	63.1	9.8
534	2010/06/24 17:28:13	1.000	68.1	9.5
535	2010/06/24 17:28:14	0.500	66.1	9.1
536	2010/06/24 17:28:21	0.625	57.7	10.0
537	2010/06/24 17:28:27	0.750	72.4	12.1
538	2010/06/24 17:28:38	0.625	58.5	11.4
539	2010/06/24 17:30:14	0.875	76.7	8.6
540	2010/06/24 17:30:19	0.750	75.2	8.3
541	2010/06/24 17:30:21	0.875	67.1	8.3
542	2010/06/24 17:30:22	0.625	63.8	8.5



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

543	2010/06/24 17:30:32	0.750	60.8	9.4
544	2010/06/24 17:30:33	0.500	68.1	11.6
545	2010/06/24 17:33:15	0.500	62.5	13.0
546	2010/06/24 17:33:44	0.625	70.1	12.4
547	2010/06/24 17:33:52	0.625	65.5	10.5
548	2010/06/24 17:33:54	0.625	61.8	10.2
549	2010/06/24 17:42:03	0.875	75.3	10.1
550	2010/06/24 17:42:04	0.625	76.6	10.4
551	2010/06/24 17:42:08	0.625	61.4	13.3
552	2010/06/24 17:49:17	0.750	60.9	11.6
553	2010/06/24 17:59:40	1.000	72.7	10.0
554	2010/06/24 17:59:41	1.000	75.4	8.6
555	2010/06/24 18:00:34	0.750	72.2	10.7
556	2010/06/24 18:21:38	0.875	65.0	10.3
557	2010/06/24 18:21:40	0.750	67.6	10.3
558	2010/06/24 18:40:12	0.875	61.4	9.6
559	2010/06/24 18:40:19	0.750	61.6	9.7
560	2010/06/24 18:47:43	0.750	67.3	8.3
561	2010/06/24 18:47:46	1.000	67.0	6.7
562	2010/06/24 19:18:28	0.750	67.0	9.3
563	2010/06/24 19:29:43	0.625	66.7	11.5
564	2010/06/24 19:45:36	0.625	54.1	11.1
565	2010/06/24 19:47:10	0.750	61.1	11.0
566	2010/06/24 19:53:34	0.625	65.7	9.7
567	2010/06/24 19:54:38	0.875	62.8	9.2
568	2010/06/24 19:58:19	1.000	77.9	11.7
569	2010/06/24 20:08:35	0.625	63.9	9.8
570	2010/06/24 20:09:22	0.625	74.9	9.6
571	2010/06/24 20:17:31	1.000	56.9	7.6
572	2010/06/24 20:26:42	0.625	65.7	12.5
573	2010/06/24 20:26:45	1.000	67.9	10.4
574	2010/06/24 20:26:48	1.000	61.1	9.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

575	2010/06/24 20:26:50	0.875	68.9	8.3
576	2010/06/24 20:35:02	0.875	59.4	9.6
577	2010/06/24 20:36:55	0.500	57.1	12.5
578	2010/06/24 20:37:03	0.750	52.8	9.2
579	2010/06/24 20:37:11	0.750	67.7	11.8
580	2010/06/24 20:45:07	0.625	63.9	11.9
581	2010/06/24 21:02:47	0.750	84.3	9.6
582	2010/06/24 21:08:56	1.000	66.3	7.4
583	2010/06/24 21:11:18	0.875	65.6	10.8
584	2010/06/24 21:18:12	0.750	68.5	10.7
585	2010/06/24 21:27:25	0.625	70.1	13.1
586	2010/06/24 21:27:26	0.875	63.8	12.7
587	2010/06/24 21:27:32	1.000	58.9	9.8
588	2010/06/24 21:29:45	0.750	62.4	10.4
589	2010/06/24 21:29:45	0.750	63.2	10.0
590	2010/06/24 21:31:01	1.000	77.5	6.3
591	2010/06/24 21:31:02	0.750	67.9	7.0
592	2010/06/24 21:38:32	0.750	60.9	10.0
593	2010/06/24 21:45:52	0.875	67.8	11.7
594	2010/06/24 21:45:53	1.000	67.6	9.1
595	2010/06/24 21:45:56	1.000	65.4	10.8
596	2010/06/24 21:48:12	1.000	61.2	7.0
597	2010/06/24 21:48:28	0.625	68.0	13.0
598	2010/06/24 21:58:14	0.625	74.4	10.2
599	2010/06/24 22:14:12	0.750	68.6	9.7
600	2010/06/24 22:15:51	0.875	64.7	12.3
601	2010/06/24 22:46:47	0.750	63.1	10.6
602	2010/06/24 22:50:31	1.000	68.4	12.6
603	2010/06/24 23:03:08	0.625	75.5	11.5
604	2010/06/24 23:03:41	0.875	62.1	11.5
605	2010/06/24 23:10:11	0.875	56.5	10.5
606	2010/06/24 23:10:16	0.875	55.1	11.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx		<i>Rev</i> F0	<i>Data</i> 20/06/2011

607	2010/06/24 23:29:39	0.875	57.7	8.1
608	2010/06/24 23:35:36	0.750	76.4	8.0
609	2010/06/24 23:35:54	0.875	64.9	8.0
610	2010/06/24 23:38:20	0.875	55.0	10.1
611	2010/06/24 23:38:24	0.750	55.3	11.3
612	2010/06/24 23:39:53	0.625	74.9	12.2
613	2010/06/24 23:41:07	1.000	78.4	9.0
614	2010/06/24 23:41:16	0.625	66.4	11.1
615	2010/06/24 23:41:36	0.500	70.1	11.4
616	2010/06/24 23:41:38	0.875	60.6	12.2
617	2010/06/24 23:44:20	0.750	62.3	10.8
618	2010/06/24 23:44:30	0.625	69.7	12.1

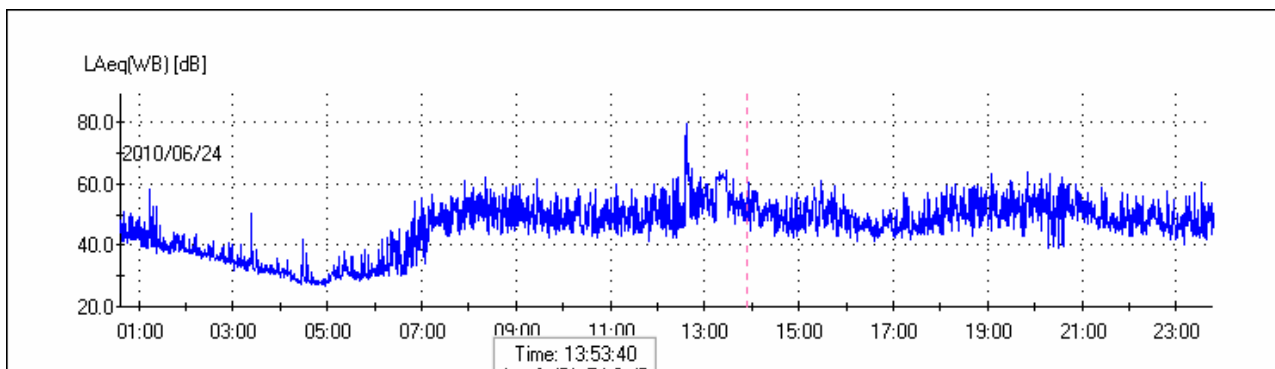
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



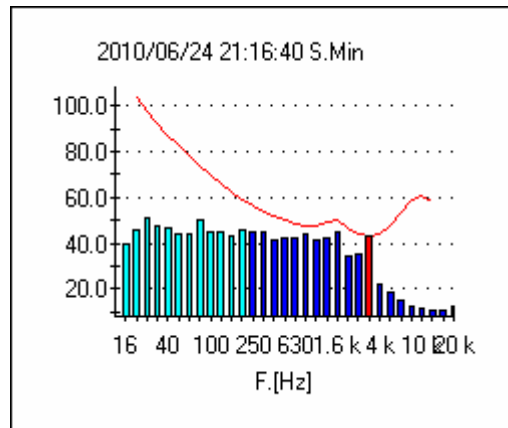
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 200	0.1
Freq: 250	0.0
Freq: 315	0.2
Freq: 400	0.0
Freq: 500	0.2
Freq: 630	0.0
Freq: 800	0.1
Freq: 1 k	0.1
Freq: 1.25 k	0.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

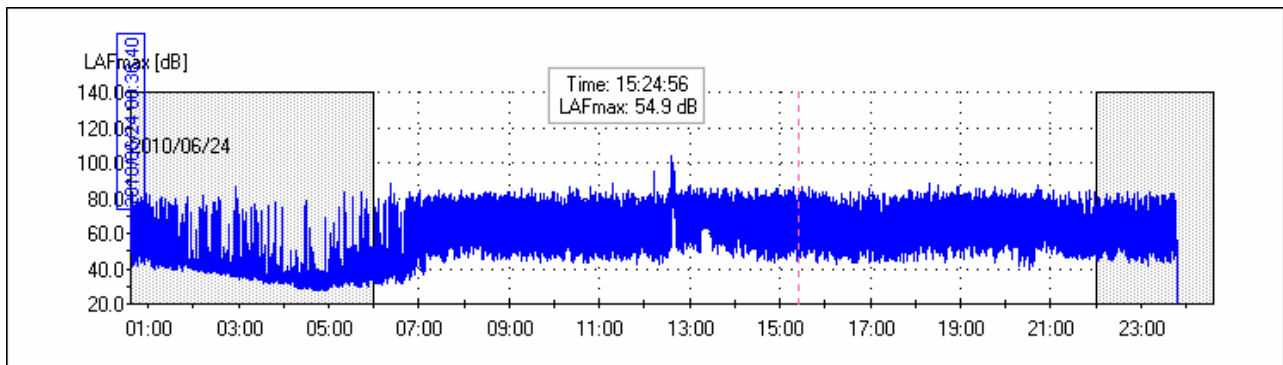
Freq: 1.6 k	0.8
Freq: 2 k	0.0
Freq: 2.5 k	0.6
Freq: 3.15 k	5.5
Freq: 4 k	0.0
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

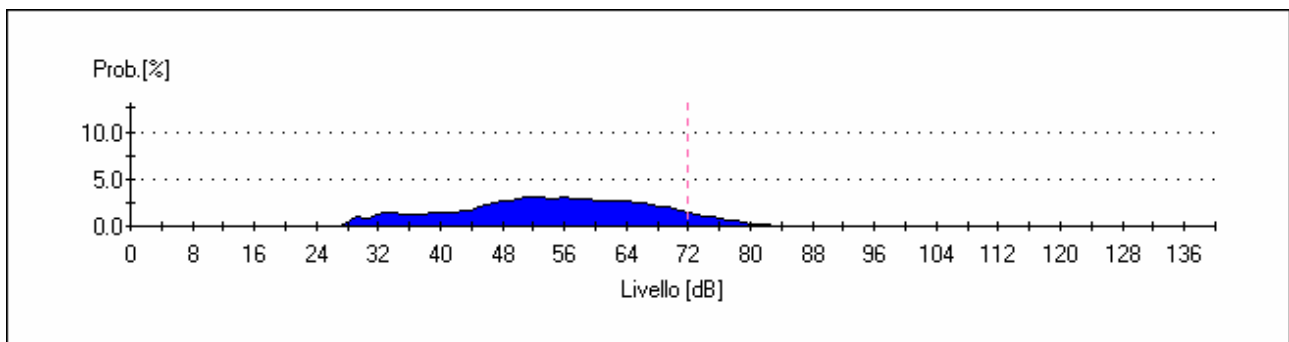
**TIME HISTORY COMPONENTI TONALI**



**IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

CUMULATIVA

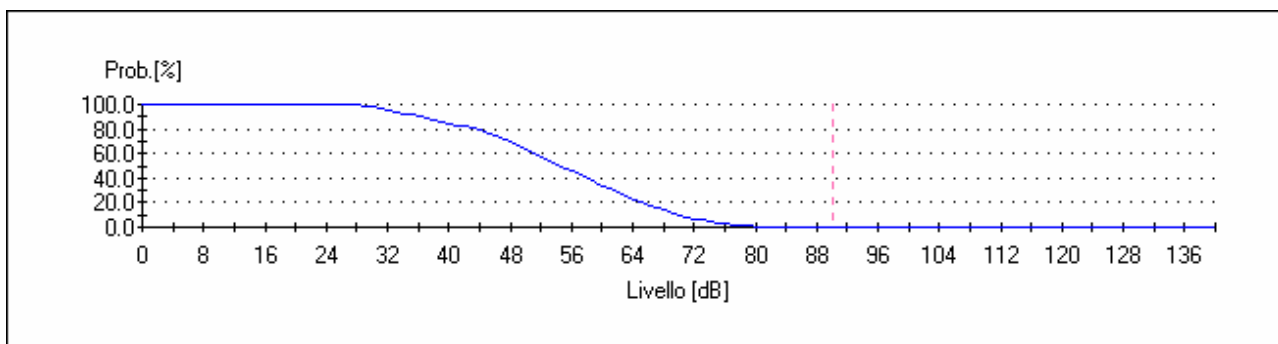
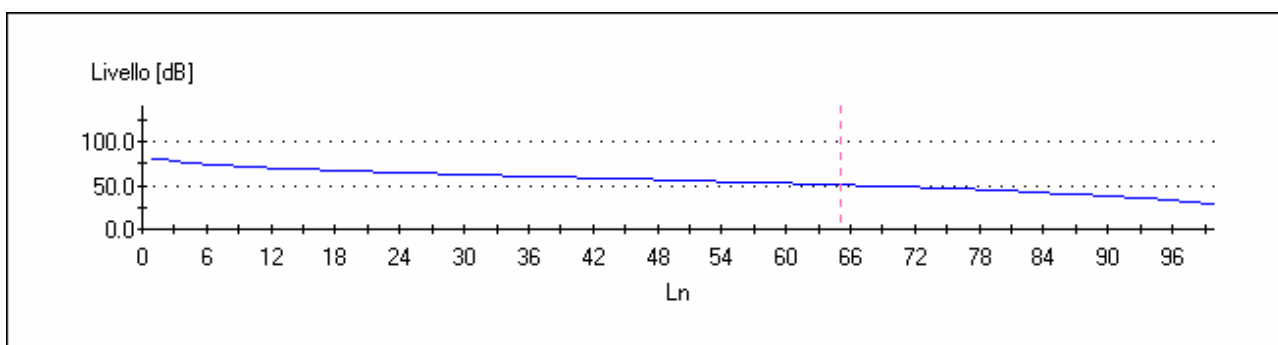


GRAFICO PERCENTILI



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	79.0
1	79.0
2	77.0
3	76.0
4	75.0
5	74.0
6	73.0
7	72.5
8	72.0
9	71.0

10	70.5
11	70.0
12	69.5
13	69.0
14	68.5
15	68.0
16	67.7
17	67.3
18	67.0
19	66.5
20	66.0
21	65.5
22	65.0
23	64.7
24	64.3
25	64.0
26	63.7
27	63.3
28	63.0
29	62.7
30	62.3
31	62.0
32	61.5
33	61.0
34	60.7
35	60.3
36	60.0
37	59.7
38	59.3
39	59.0
40	58.7
41	58.3



42	58.0
43	57.7
44	57.3
45	57.0
46	56.7
47	56.3
48	56.0
49	55.7
50	55.3
51	55.0
52	54.7
53	54.3
54	54.0
55	53.7
56	53.3
57	53.0
58	52.7
59	52.3
60	52.0
61	51.7
62	51.3
63	51.0
64	50.7
65	50.3
66	50.0
67	49.7
68	49.3
69	49.0
70	48.5
71	48.0
72	47.7
73	47.3

74	47.0
75	46.5
76	46.0
77	45.5
78	45.0
79	44.5
80	44.0
81	43.0
82	42.5
83	42.0
84	41.0
85	40.5
86	40.0
87	39.0
88	38.0
89	37.5
90	37.0
91	36.0
92	35.0
93	34.5
94	34.0
95	33.0
96	32.0
97	31.0
98	30.0
99	29.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	80.0
1	80.0
2	78.0
3	77.0
4	76.0
5	75.0
6	74.5
7	74.0
8	73.5
9	73.0
10	72.0
11	71.5
12	71.0
13	70.7
14	70.3
15	70.0
16	69.5
17	69.0
18	68.7
19	68.3
20	68.0
21	67.7
22	67.3
23	67.0
24	66.7
25	66.3
26	66.0
27	65.7
28	65.3

29	65.0
30	64.8
31	64.5
32	64.3
33	64.0
34	63.7
35	63.3
36	63.0
37	62.8
38	62.5
39	62.3
40	62.0
41	61.7
42	61.3
43	61.0
44	60.8
45	60.5
46	60.3
47	60.0
48	59.8
49	59.5
50	59.3
51	59.0
52	58.7
53	58.3
54	58.0
55	57.8
56	57.5
57	57.3
58	57.0
59	56.8
60	56.5

61	56.3
62	56.0
63	55.7
64	55.3
65	55.0
66	54.8
67	54.5
68	54.3
69	54.0
70	53.7
71	53.3
72	53.0
73	52.8
74	52.5
75	52.3
76	52.0
77	51.7
78	51.3
79	51.0
80	50.8
81	50.5
82	50.3
83	50.0
84	49.7
85	49.3
86	49.0
87	48.7
88	48.3
89	48.0
90	47.5
91	47.0
92	46.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	46.0
94	45.5
95	45.0
96	44.0
97	42.0
98	39.0
99	35.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	75.0
1	75.0
2	72.0
3	70.0
4	69.0
5	67.0
6	66.0
7	65.0
8	64.0
9	63.0
10	62.0
11	61.0
12	60.0
13	59.0
14	58.0
15	57.5
16	57.0
17	56.0
18	55.5
19	55.0
20	54.0

21	53.5
22	53.0
23	52.5
24	52.0
25	51.5
26	51.0
27	50.5
28	50.0
29	49.5
30	49.0
31	48.7
32	48.3
33	48.0
34	47.5
35	47.0
36	46.7
37	46.3
38	46.0
39	45.7
40	45.3
41	45.0
42	44.7
43	44.3
44	44.0
45	43.8
46	43.5
47	43.3
48	43.0
49	42.8
50	42.5
51	42.3
52	42.0

53	41.8
54	41.5
55	41.3
56	41.0
57	40.8
58	40.5
59	40.3
60	40.0
61	39.8
62	39.5
63	39.3
64	39.0
65	38.7
66	38.3
67	38.0
68	37.8
69	37.5
70	37.3
71	37.0
72	36.7
73	36.3
74	36.0
75	35.8
76	35.5
77	35.3
78	35.0
79	34.8
80	34.5
81	34.3
82	34.0
83	33.8
84	33.5



85	33.3
86	33.0
87	32.7
88	32.3
89	32.0
90	31.7
91	31.3
92	31.0
93	30.7
94	30.3
95	30.0
96	29.7
97	29.3
98	29.0
99	28.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

**IL CLIMA ACUSTICO GIORNALIERO :**

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87,4	83,5	86,7
89,6	86	88,6
108,9	96,3	104,3
90,4	83,4	86,1
88,8	84,9	88
84,6	81,7	84
<b>108,9</b>	<b>96,3</b>	<b>104,3</b>

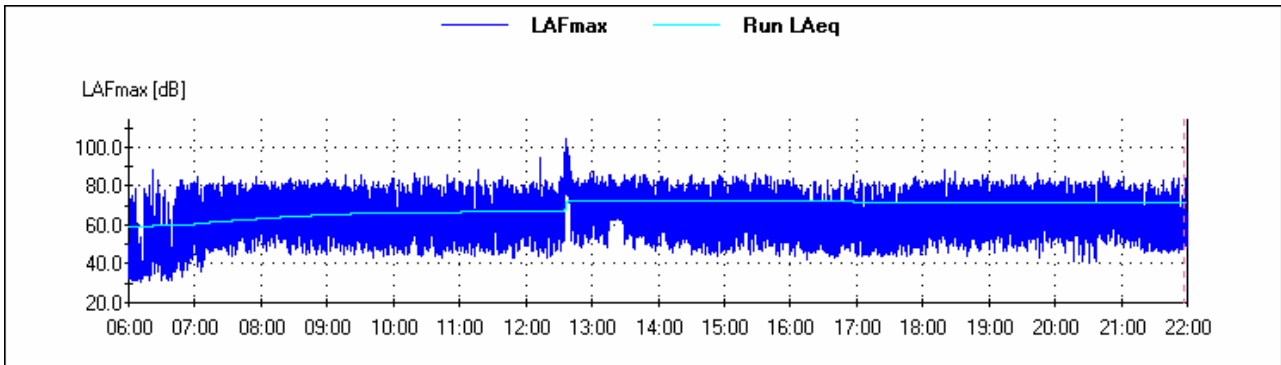
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89,6	86	88,6
108,9	96,3	104,3
90,4	83,4	86,1
88,8	84,9	88
84,6	81,4	84
<b>108,9</b>	<b>96,3</b>	<b>104,3</b>

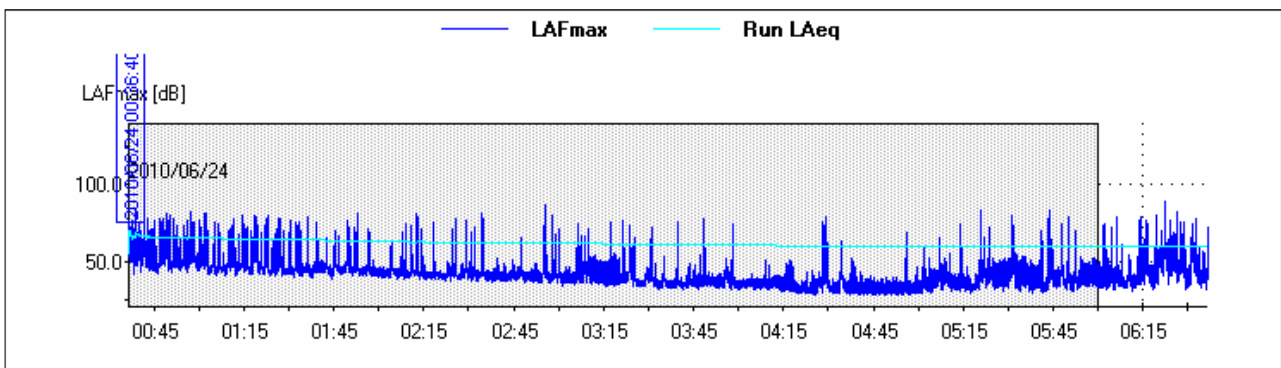
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87,4	83,5	86,7
85,1	80,1	83,8
84	81,7	83,4
<b>87,4</b>	<b>83,5</b>	<b>86,7</b>

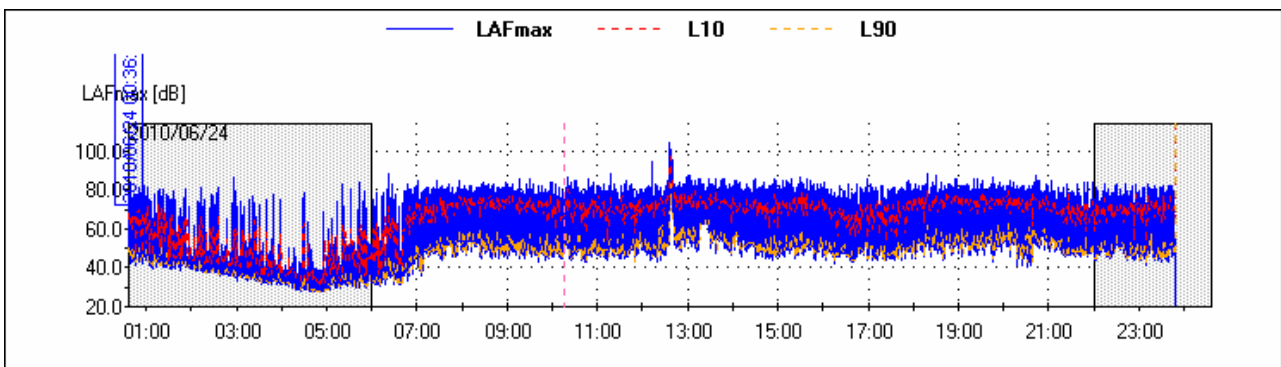
**RUNNING Leq DIURNO**



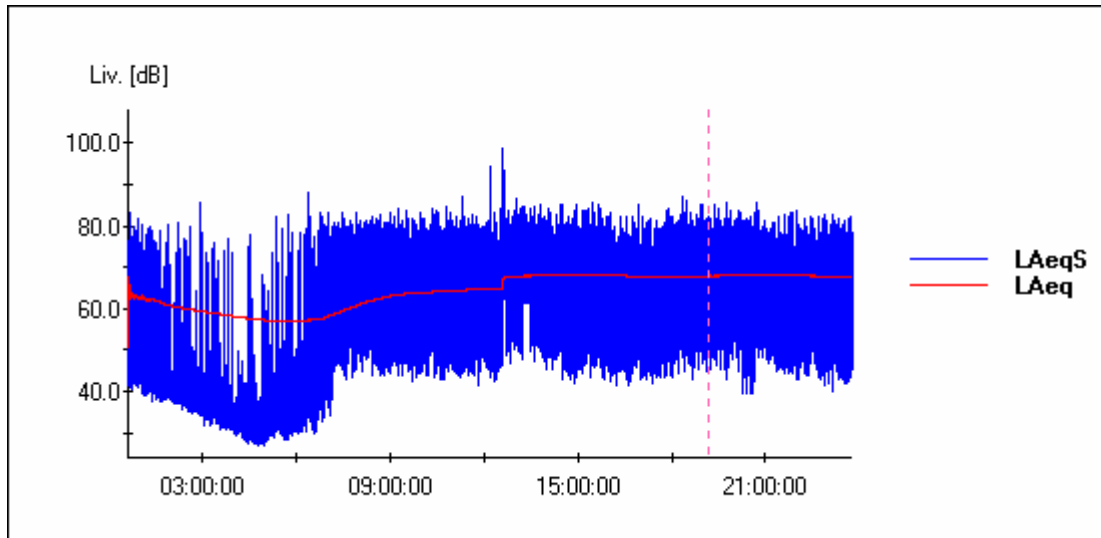
**RUNNING Leq NOTTURNO**



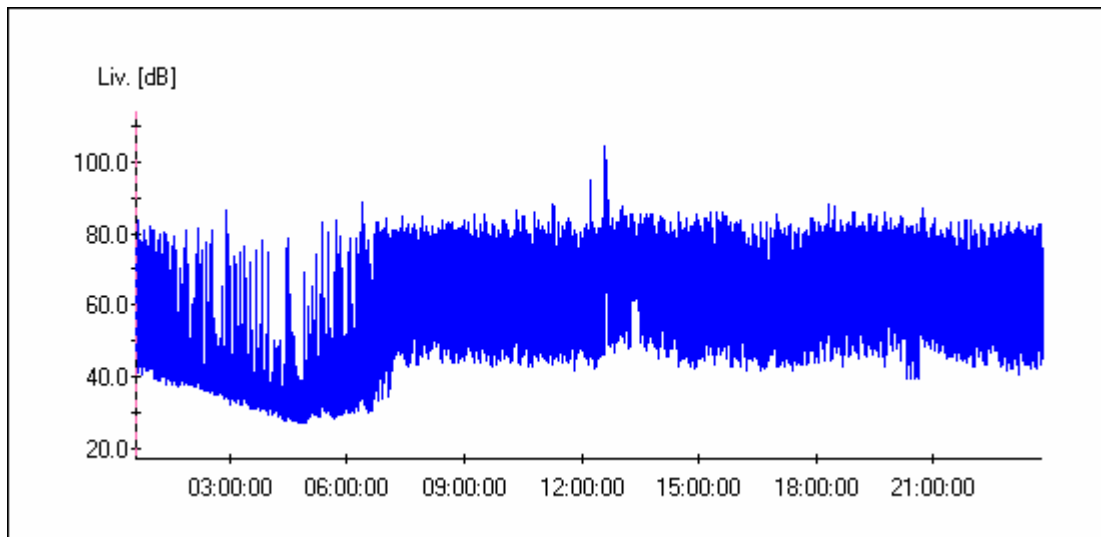
**TIME HISTORY L10 – L90**



**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_8_S</b>	<b>SS 113 DIR</b>
<i>Descrizione del punto di misura/ricettore</i>		
<b><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale da un lato e dall'altro adiacente un parcheggio privato</i></b>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<i>Caratterizzazione delle sorgenti di rumore</i>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore	Indirizzo
	<b>R_8_S</b>	<b>SS 113 DIR</b>

<i>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</i>								
<i>Periodo</i>	<i>TR</i>	<i>Data</i>	<i>L<sub>AeqTR</sub></i> [dBA]	<i>K<sub>I</sub></i> [dBA]	<i>K<sub>T</sub></i> [dBA]	<i>K<sub>B</sub></i> [dBA]	<i>L<sub>AeqTRC</sub></i> [dBA]	<i>L<sub>lim</sub></i> [dBA]
Giorno	6-22h	<b>23/06/10</b>	<b>65.9</b>	<b>0</b>	<b>0</b>		<b>65.9</b>	<b>60</b>
Notte	22-6h	<b>23/06/10</b>	<b>60.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60.4</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_8_S</b>
Data inizio	<b>25/06/2010</b>
Ora inizio	<b>0.37.14</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	<b>64.8</b>	<b>65.9</b>	<b>60.4</b>
L1	[dBA]	<b>76.0</b>	<b>76.0</b>	<b>73.0</b>
L5	[dBA]	<b>71.0</b>	<b>72.0</b>	<b>65.0</b>
L10	[dBA]	<b>68.0</b>	<b>69.5</b>	<b>59.5</b>
L50	[dBA]	<b>53.0</b>	<b>56.0</b>	<b>45.9</b>
L90	[dBA]	<b>44.0</b>	<b>46.3</b>	<b>43.1</b>
L95	[dBA]	<b>43.0</b>	<b>44.0</b>	<b>42.4</b>
L99	[dBA]	<b>41.0</b>	<b>41.0</b>	<b>41.0</b>
L <sub>I</sub> max	[dBA]	<b>100.3</b>	<b>98.1</b>	<b>100.3</b>
L <sub>F</sub> max	[dBA]	<b>96.4</b>	<b>96.4</b>	<b>96.0</b>
L <sub>S</sub> max	[dBA]	<b>92.4</b>	<b>92.4</b>	<b>87.5</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>64.8</b>	<b>65.9</b>	<b>60.4</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore	Indirizzo
	<b>R_8_S</b>	<b>SS 113 DIR</b>

<b>Sorgente stradale:</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>54</b>	<b>58</b>	<b>62</b>	<b>45</b>	<b>54.75</b>	<b>47</b>	<b>11</b>	<b>29</b>
Veic. Pesanti / 10'	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0.5</b>
Motocicli / 10'	<b>10</b>	<b>13</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>1</b>	<b>3.5</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>23.6</b>	<b>26.4</b>	<b>28.7</b>	<b>21.6</b>	<b>25.08</b>	<b>19.5</b>	<b>19.9</b>	<b>19.7</b>
Umidità relativa	<b>69</b>	<b>62</b>	<b>52</b>	<b>76</b>	<b>64.75</b>	<b>73</b>	<b>83</b>	<b>78</b>
Velocità vento	<b>4.9</b>	<b>1.6</b>	<b>1.4</b>	<b>0.3</b>	<b>2.05</b>	<b>0.8</b>	<b>0</b>	<b>0.4</b>
Direzione vento	<b>E S E</b>	<b>S W</b>	<b>S S E</b>	<b>N E</b>		<b>N E</b>	<b>E S E</b>	

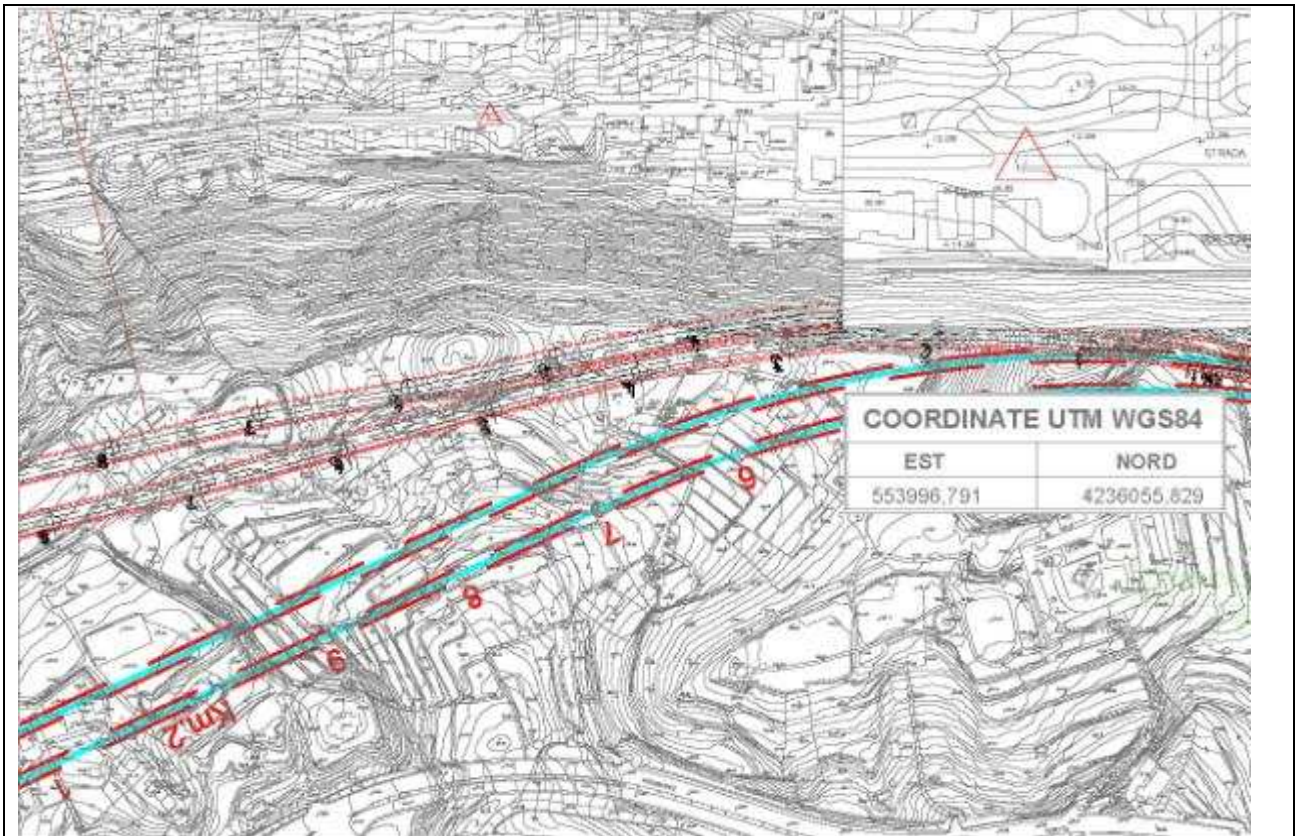
**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_8_S</b>	<b>Indirizzo</b> <b>SS 113 DIR</b>

Localizzazione planimetrica





DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/06/25 00:37:42	0.625	61.1	10.5
2	2010/06/25 00:38:29	0.625	60.4	10.8
3	2010/06/25 00:38:36	0.500	70.2	13.0
4	2010/06/25 00:40:19	0.625	59.4	11.1
5	2010/06/25 00:40:41	0.625	61.1	11.0
6	2010/06/25 00:40:42	0.750	61.2	8.3
7	2010/06/25 00:43:32	0.500	68.2	11.3
8	2010/06/25 00:46:27	0.625	70.0	12.5
9	2010/06/25 00:50:35	0.750	64.8	10.3
10	2010/06/25 00:51:34	0.625	67.2	10.3
11	2010/06/25 00:51:53	0.625	63.0	11.2
12	2010/06/25 00:52:31	0.625	62.4	9.1
13	2010/06/25 00:53:03	0.625	66.7	9.8
14	2010/06/25 00:53:06	0.750	60.3	9.5
15	2010/06/25 00:53:08	0.625	58.9	9.4
16	2010/06/25 00:53:08	0.625	69.2	12.3
17	2010/06/25 00:53:33	0.625	76.8	13.5
18	2010/06/25 00:56:30	0.500	82.7	12.9
19	2010/06/25 00:56:52	0.625	58.9	11.0
20	2010/06/25 00:56:53	0.625	62.2	10.7
21	2010/06/25 00:58:34	1.000	57.7	8.4
22	2010/06/25 01:06:46	0.625	72.6	11.9
23	2010/06/25 01:06:55	0.625	61.8	9.5
24	2010/06/25 01:07:05	0.625	60.7	11.4
25	2010/06/25 01:07:09	0.750	64.3	10.4
26	2010/06/25 05:25:05	0.875	58.7	8.5
27	2010/06/25 05:25:09	0.750	59.0	8.8
28	2010/06/25 05:25:12	1.000	60.6	8.5
29	2010/06/25 05:25:15	0.625	59.8	9.4
30	2010/06/25 05:25:18	0.750	61.3	9.6
31	2010/06/25 05:25:20	0.750	61.2	9.2

32	2010/06/25 05:25:22	0.750	62.2	9.1
33	2010/06/25 05:25:24	0.625	62.2	8.9
34	2010/06/25 05:25:27	0.750	61.2	9.1
35	2010/06/25 06:08:52	0.625	72.9	10.4
36	2010/06/25 06:09:34	0.750	77.0	9.8
37	2010/06/25 06:09:44	0.750	75.1	9.5
38	2010/06/25 06:11:13	0.625	76.3	10.4
39	2010/06/25 06:44:40	0.750	56.2	10.1
40	2010/06/25 06:51:03	0.750	66.0	9.3
41	2010/06/25 06:55:44	0.750	61.9	8.3
42	2010/06/25 07:14:28	0.750	65.4	10.8
43	2010/06/25 07:18:14	0.625	63.1	11.4
44	2010/06/25 07:25:05	0.750	59.4	8.8
45	2010/06/25 07:25:05	0.750	57.4	7.1
46	2010/06/25 07:25:07	0.750	58.0	7.7
47	2010/06/25 07:25:08	0.750	58.7	7.5
48	2010/06/25 07:30:40	0.625	84.1	8.4
49	2010/06/25 07:43:46	0.875	79.7	6.9
50	2010/06/25 07:55:12	0.875	59.2	8.8
51	2010/06/25 08:01:12	0.750	73.5	8.5
52	2010/06/25 08:01:24	0.875	63.7	10.1
53	2010/06/25 08:33:37	0.625	86.1	10.4
54	2010/06/25 09:04:39	0.750	73.6	9.2
55	2010/06/25 09:26:05	0.875	54.5	6.8
56	2010/06/25 09:28:46	0.625	74.4	8.4
57	2010/06/25 09:37:54	0.750	70.2	10.6
58	2010/06/25 09:38:29	0.625	74.2	10.7
59	2010/06/25 09:58:49	0.750	67.2	10.5
60	2010/06/25 09:58:53	0.625	61.4	8.4
61	2010/06/25 09:58:54	0.625	75.9	11.5
62	2010/06/25 10:12:00	0.625	77.1	9.9
63	2010/06/25 10:22:59	1.000	57.7	6.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

64	2010/06/25 10:27:53	0.875	58.9	7.0
65	2010/06/25 10:28:31	0.875	73.7	11.0
66	2010/06/25 10:31:23	0.875	65.5	7.7
67	2010/06/25 10:33:05	0.875	78.3	8.4
68	2010/06/25 10:40:21	0.750	56.7	6.9
69	2010/06/25 10:40:21	0.750	57.2	6.5
70	2010/06/25 10:40:22	0.625	59.4	8.3
71	2010/06/25 10:40:41	0.750	58.8	6.3
72	2010/06/25 10:40:51	0.750	56.5	7.9
73	2010/06/25 10:46:53	0.750	56.8	7.9
74	2010/06/25 11:02:45	0.625	69.1	7.8
75	2010/06/25 11:02:46	0.625	69.0	8.1
76	2010/06/25 11:02:49	0.625	70.3	8.6
77	2010/06/25 11:02:50	0.875	65.8	7.8
78	2010/06/25 11:02:51	0.750	68.1	8.2
79	2010/06/25 11:02:52	0.625	69.3	8.1
80	2010/06/25 11:02:57	0.750	68.7	6.7
81	2010/06/25 11:03:07	0.625	72.4	9.6
82	2010/06/25 11:03:08	0.625	73.2	8.8
83	2010/06/25 11:03:09	0.625	72.2	8.2
84	2010/06/25 11:03:19	0.750	68.1	9.1
85	2010/06/25 11:03:20	0.625	67.8	9.0
86	2010/06/25 11:03:21	1.000	65.2	7.1
87	2010/06/25 11:03:44	0.750	63.5	7.1
88	2010/06/25 11:03:45	0.750	64.7	8.0
89	2010/06/25 11:03:55	0.625	71.2	11.5
90	2010/06/25 11:06:27	0.625	58.4	7.0
91	2010/06/25 11:06:27	0.625	59.0	8.0
92	2010/06/25 11:06:29	0.625	60.5	8.8
93	2010/06/25 11:20:19	0.875	61.0	9.4
94	2010/06/25 11:35:47	0.875	64.6	10.2
95	2010/06/25 11:45:33	0.750	62.4	10.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

96	2010/06/25 11:45:36	0.750	60.3	8.7
97	2010/06/25 11:45:39	0.625	63.7	10.1
98	2010/06/25 12:03:14	0.875	64.7	8.5
99	2010/06/25 12:21:33	0.875	59.4	10.0
100	2010/06/25 12:42:52	0.750	57.2	6.7
101	2010/06/25 12:42:53	0.750	57.4	6.4
102	2010/06/25 12:42:55	0.625	58.2	7.0
103	2010/06/25 12:42:57	0.750	57.1	6.7
104	2010/06/25 12:42:58	0.750	56.0	6.4
105	2010/06/25 12:43:06	0.750	55.7	6.3
106	2010/06/25 12:43:07	0.750	56.3	8.1
107	2010/06/25 12:52:50	0.750	69.6	8.5
108	2010/06/25 12:53:01	1.000	71.7	9.3
109	2010/06/25 12:54:52	0.875	57.9	7.9
110	2010/06/25 12:57:19	0.750	57.4	10.3
111	2010/06/25 12:59:34	0.625	57.3	9.8
112	2010/06/25 13:04:29	0.625	61.4	11.1
113	2010/06/25 13:04:33	0.500	63.5	11.8
114	2010/06/25 13:07:09	0.750	64.9	8.8
115	2010/06/25 13:14:51	0.625	74.4	11.4
116	2010/06/25 13:22:45	0.750	66.2	7.8
117	2010/06/25 13:30:38	0.875	61.0	8.7
118	2010/06/25 13:30:42	0.625	70.0	10.7
119	2010/06/25 13:39:51	0.750	61.9	8.2
120	2010/06/25 13:40:02	0.750	54.0	8.6
121	2010/06/25 13:46:36	0.875	63.8	9.6
122	2010/06/25 13:49:06	0.750	57.2	8.8
123	2010/06/25 14:01:54	0.750	65.0	8.1
124	2010/06/25 14:04:21	0.625	57.1	11.3
125	2010/06/25 14:05:36	0.625	89.6	11.8
126	2010/06/25 14:10:35	0.625	55.5	11.4
127	2010/06/25 14:10:55	0.750	59.2	10.9

128	2010/06/25 14:25:39	0.875	67.0	8.7
129	2010/06/25 14:32:50	0.750	78.0	9.9
130	2010/06/25 14:33:44	0.625	69.0	11.4
131	2010/06/25 14:36:44	0.875	55.4	8.7
132	2010/06/25 14:36:48	0.750	57.2	8.1
133	2010/06/25 14:38:12	0.625	67.0	9.2
134	2010/06/25 14:38:49	0.625	62.5	8.7
135	2010/06/25 14:48:50	0.625	64.2	8.0
136	2010/06/25 14:49:41	0.625	67.6	7.9
137	2010/06/25 14:50:53	0.625	64.1	8.2
138	2010/06/25 14:50:54	0.625	73.4	10.7
139	2010/06/25 14:50:56	0.750	59.3	12.9
140	2010/06/25 15:05:16	0.875	53.1	6.9
141	2010/06/25 15:05:18	0.625	61.2	9.5
142	2010/06/25 15:05:23	0.625	61.1	7.6
143	2010/06/25 15:08:49	0.625	60.0	8.6
144	2010/06/25 15:08:51	0.625	60.3	9.5
145	2010/06/25 15:08:52	0.750	59.0	8.8
146	2010/06/25 15:08:54	0.625	60.1	9.5
147	2010/06/25 15:08:56	0.750	60.9	9.6
148	2010/06/25 15:08:58	0.750	60.2	8.6
149	2010/06/25 15:08:59	0.750	61.1	9.1
150	2010/06/25 15:09:14	0.875	60.1	7.3
151	2010/06/25 15:09:15	1.000	60.4	8.3
152	2010/06/25 15:09:17	0.625	60.9	8.5
153	2010/06/25 15:09:20	0.625	59.4	9.7
154	2010/06/25 15:09:23	0.625	60.0	9.6
155	2010/06/25 15:09:48	0.875	58.4	7.4
156	2010/06/25 15:10:02	0.875	59.9	8.0
157	2010/06/25 15:15:21	0.625	60.8	8.0
158	2010/06/25 15:15:23	0.625	59.7	8.9
159	2010/06/25 15:15:26	0.625	60.6	9.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

160	2010/06/25 15:15:31	0.750	60.9	9.7
161	2010/06/25 15:15:35	0.750	61.2	9.9
162	2010/06/25 15:16:01	0.750	62.1	8.2
163	2010/06/25 15:16:03	0.750	59.6	8.3
164	2010/06/25 15:16:12	0.750	62.5	8.2
165	2010/06/25 15:16:46	0.750	61.7	9.1
166	2010/06/25 15:16:48	0.750	61.3	8.7
167	2010/06/25 15:16:50	0.875	62.0	9.0
168	2010/06/25 15:18:08	0.750	60.9	7.9
169	2010/06/25 15:30:54	1.000	65.0	7.0
170	2010/06/25 15:33:13	0.625	72.2	11.1
171	2010/06/25 15:47:30	0.875	70.4	7.6
172	2010/06/25 15:48:51	0.625	65.5	10.4
173	2010/06/25 15:58:16	0.625	80.1	8.7
174	2010/06/25 16:09:10	1.000	84.3	6.9
175	2010/06/25 16:12:39	0.750	57.5	9.3
176	2010/06/25 16:27:44	0.750	68.3	8.2
177	2010/06/25 16:29:25	0.625	77.2	12.3
178	2010/06/25 16:42:58	0.625	57.7	8.8
179	2010/06/25 17:19:05	0.750	57.7	7.4
180	2010/06/25 17:19:59	0.625	56.8	7.3
181	2010/06/25 17:20:06	0.750	57.0	7.1
182	2010/06/25 17:24:59	0.750	83.5	11.8
183	2010/06/25 17:36:34	0.875	61.5	7.1
184	2010/06/25 17:43:16	0.625	64.6	12.6
185	2010/06/25 17:44:03	0.750	70.3	7.9
186	2010/06/25 17:44:46	0.625	73.0	9.1
187	2010/06/25 17:57:11	0.750	57.2	10.4
188	2010/06/25 18:03:20	0.750	59.4	7.7
189	2010/06/25 18:14:23	0.750	56.2	10.0
190	2010/06/25 18:18:36	0.750	58.7	8.6
191	2010/06/25 18:18:41	1.000	64.7	8.8



192	2010/06/25 18:30:11	0.625	62.0	9.1
193	2010/06/25 18:30:12	0.750	64.0	8.2
194	2010/06/25 18:30:13	0.750	62.7	7.2
195	2010/06/25 18:30:15	0.750	61.9	7.3
196	2010/06/25 18:30:16	0.750	64.7	8.7
197	2010/06/25 18:30:17	0.625	65.5	8.1
198	2010/06/25 18:30:18	0.625	64.7	7.3
199	2010/06/25 18:30:20	0.875	58.6	6.2
200	2010/06/25 19:01:10	1.000	61.7	6.9
201	2010/06/25 19:01:13	0.750	64.1	9.3
202	2010/06/25 19:01:17	1.000	61.1	8.5
203	2010/06/25 19:01:37	1.000	66.2	9.5
204	2010/06/25 19:18:59	0.625	85.9	8.0
205	2010/06/25 19:46:16	0.625	60.3	9.8
206	2010/06/25 19:49:17	0.875	59.0	7.7
207	2010/06/25 19:50:58	0.750	74.7	10.3
208	2010/06/25 19:53:38	1.000	58.6	7.3
209	2010/06/25 19:56:18	1.000	58.5	9.9
210	2010/06/25 19:57:10	0.625	68.9	10.8
211	2010/06/25 19:57:23	0.625	63.4	10.2
212	2010/06/25 19:57:26	0.625	62.8	10.3
213	2010/06/25 20:24:46	0.875	57.3	7.7
214	2010/06/25 20:40:11	0.625	72.2	12.6
215	2010/06/25 20:40:28	0.750	63.2	9.7
216	2010/06/25 20:40:32	0.750	71.2	10.8
217	2010/06/25 20:45:43	0.750	72.2	8.1
218	2010/06/25 20:53:06	0.625	68.3	12.6
219	2010/06/25 20:53:07	0.625	70.3	8.9
220	2010/06/25 20:53:31	0.625	67.3	10.8
221	2010/06/25 20:59:36	0.875	58.8	7.1
222	2010/06/25 21:00:20	0.625	57.1	11.7
223	2010/06/25 21:00:25	0.625	63.1	11.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

224	2010/06/25 21:00:28	0.750	63.0	8.8
225	2010/06/25 21:00:29	0.625	63.9	11.5
226	2010/06/25 21:00:30	0.625	61.8	9.8
227	2010/06/25 21:00:31	0.625	66.8	12.1
228	2010/06/25 21:00:32	0.875	63.7	10.2
229	2010/06/25 21:00:39	0.500	67.2	11.2
230	2010/06/25 21:05:00	1.000	64.9	7.0
231	2010/06/25 21:07:37	0.750	62.7	10.0
232	2010/06/25 21:07:41	0.625	57.6	10.3
233	2010/06/25 21:08:49	0.750	64.4	7.8
234	2010/06/25 21:08:51	0.750	62.1	8.0
235	2010/06/25 21:10:24	1.000	66.2	9.0
236	2010/06/25 21:11:19	0.625	62.8	8.8
237	2010/06/25 21:11:22	0.875	58.3	7.9
238	2010/06/25 21:11:30	0.625	63.7	10.0
239	2010/06/25 21:11:34	0.875	62.6	7.5
240	2010/06/25 21:11:46	0.875	66.3	7.7
241	2010/06/25 21:11:47	0.750	69.9	7.2
242	2010/06/25 21:19:09	1.000	61.6	10.7
243	2010/06/25 21:40:20	0.750	54.8	10.6
244	2010/06/25 21:51:09	1.000	55.8	8.7
245	2010/06/25 21:51:13	0.875	57.2	8.0
246	2010/06/25 22:10:05	1.000	56.1	7.7
247	2010/06/25 22:11:38	0.875	54.5	7.2
248	2010/06/25 22:12:26	0.625	58.2	12.8
249	2010/06/25 22:13:09	1.000	52.3	9.8
250	2010/06/25 22:18:53	1.000	53.1	7.2
251	2010/06/25 22:18:59	0.875	52.4	8.6
252	2010/06/25 22:45:45	0.750	70.2	9.6
253	2010/06/25 23:32:19	0.625	58.9	10.2
254	2010/06/25 23:32:21	0.875	56.3	9.2
255	2010/06/25 23:32:23	0.750	58.2	9.2

256	2010/06/25 23:32:48	0.750	62.3	8.1
257	2010/06/25 23:40:01	0.750	66.8	6.6
258	2010/06/25 23:40:20	0.875	62.6	12.1
259	2010/06/25 23:40:37	0.625	67.5	8.9
260	2010/06/25 23:42:04	0.625	63.7	12.1
261	2010/06/25 23:42:39	0.875	56.9	10.7
262	2010/06/25 23:42:40	0.750	59.5	8.6
263	2010/06/25 23:44:15	0.625	68.8	11.9
264	2010/06/25 23:44:50	0.625	71.3	11.1
265	2010/06/25 23:45:06	0.500	85.4	10.2
266	2010/06/25 23:45:07	1.000	87.8	11.6
267	2010/06/25 23:45:10	0.500	83.4	10.1
268	2010/06/25 23:45:10	0.625	89.9	11.4
269	2010/06/25 23:45:11	1.000	90.3	10.3
270	2010/06/25 23:45:13	0.500	82.9	10.1
271	2010/06/25 23:45:14	0.500	79.3	10.3
272	2010/06/25 23:45:21	0.500	92.4	12.7
273	2010/06/25 23:45:29	0.500	96.0	12.8
274	2010/06/25 23:45:40	0.625	77.2	12.8
275	2010/06/25 23:45:47	0.625	81.9	10.8
276	2010/06/25 23:45:48	0.500	85.9	11.9
277	2010/06/25 23:45:50	0.625	80.1	9.1
278	2010/06/25 23:45:51	1.000	85.5	11.3
279	2010/06/25 23:45:56	1.000	70.9	11.2
280	2010/06/25 23:46:01	0.500	70.2	11.8
281	2010/06/25 23:46:04	0.625	71.0	12.7
282	2010/06/25 23:46:10	0.625	86.0	12.8
283	2010/06/25 23:46:12	0.625	71.5	14.5
284	2010/06/25 23:46:16	0.625	86.1	13.1
285	2010/06/25 23:46:19	1.000	81.3	9.6
286	2010/06/25 23:46:35	0.625	79.6	11.7
287	2010/06/25 23:46:36	0.625	69.0	13.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

288	2010/06/25 23:46:37	0.500	79.0	12.2
289	2010/06/25 23:46:38	0.750	81.7	11.6
290	2010/06/25 23:46:39	0.625	80.4	10.5
291	2010/06/25 23:46:39	0.750	82.2	8.7
292	2010/06/25 23:46:41	0.750	82.7	10.1
293	2010/06/25 23:46:43	0.625	91.4	12.8
294	2010/06/25 23:46:46	1.000	87.0	11.2
295	2010/06/25 23:47:56	0.625	66.4	12.6

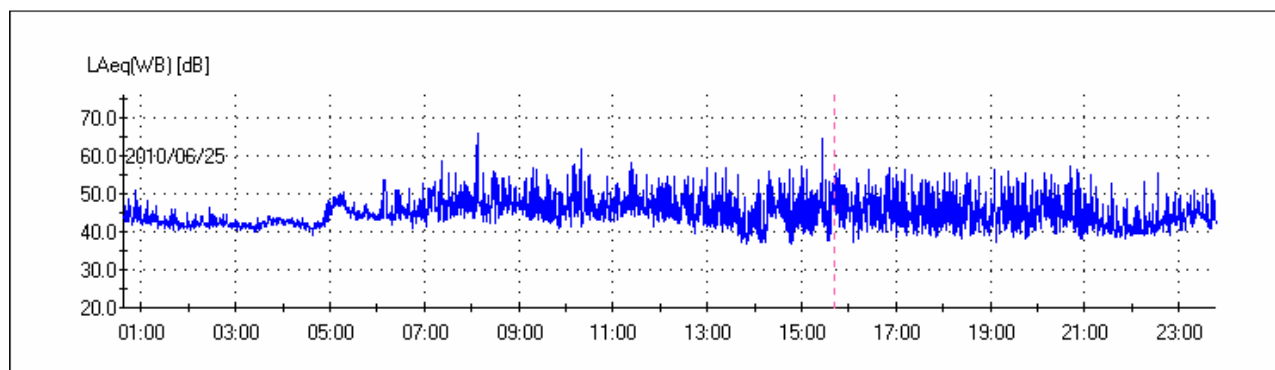
## RICONOSCIMENTO COMPONENTI TONALI

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



<b>SOGLIE PENALIZZAZIONE</b>	
<b>Persistenza BF</b>	<b>5%</b>
<b>Persistenza AF</b>	<b>5%</b>
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 50	0.0
Freq: 63	0.0
Freq: 200	0.0
Freq: 250	0.1
Freq: 315	0.0
Freq: 400	0.3
Freq: 500	0.1
Freq: 630	0.2
Freq: 800	0.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Freq: 1 k	0.0
Freq: 1.6 k	0.0
Freq: 2 k	0.2
Freq: 2.5 k	0.3
Freq: 3.15 k	1.3
Freq: 4 k	0.6
Freq: 5 k	0.0
<b>PENALIZZAZIONI</b>	
<b>Penalizzazione BF: No</b>	
<b>Penalizzazione AF: No</b>	

TIME HISTORY COMPONENTI TONALI

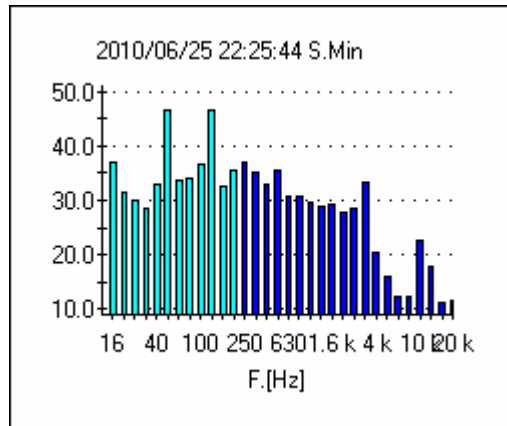
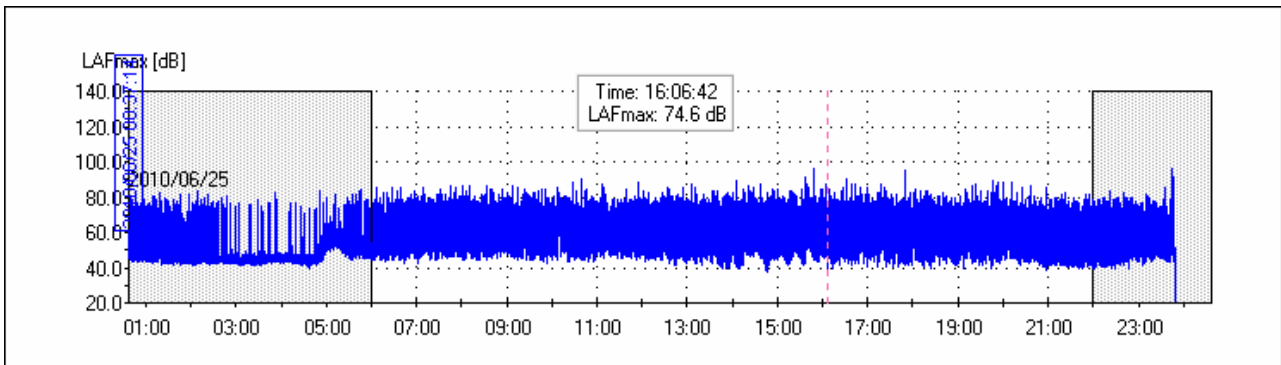
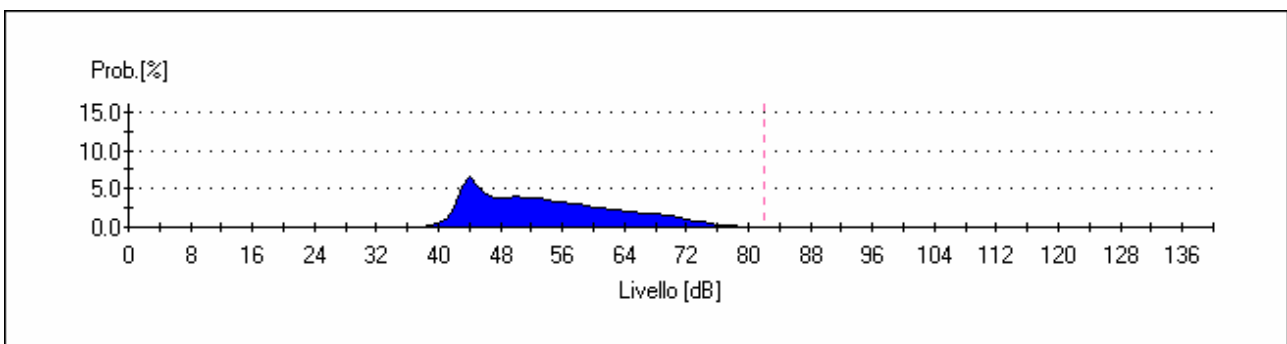



GRAFICO DEL CLIMA ACUSTICO GIORNALIERO

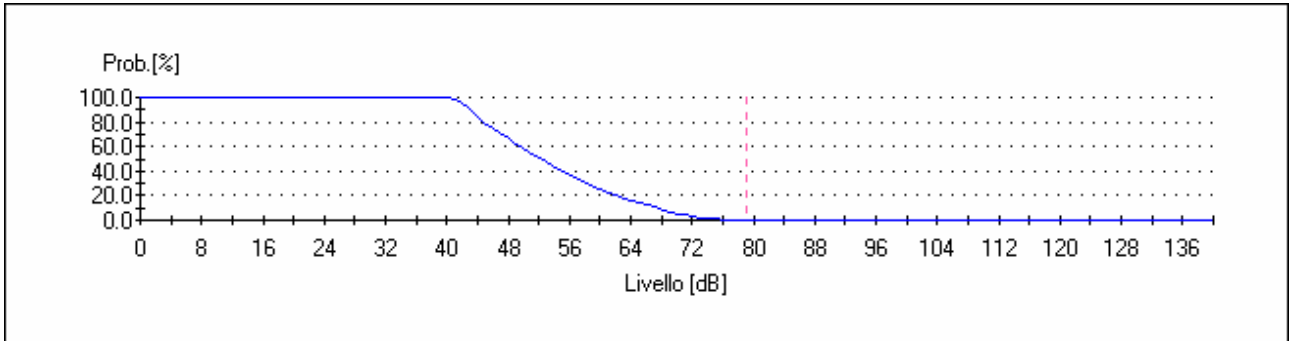


DISTRIBUTIVA

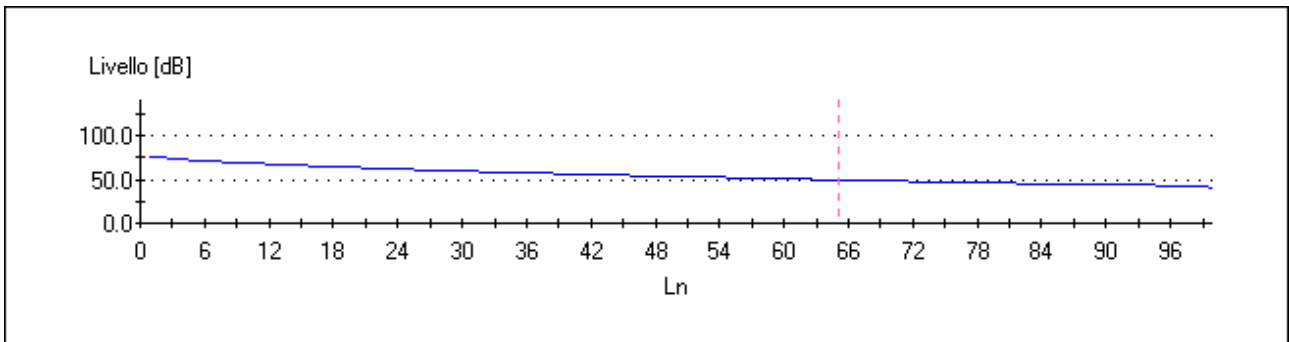


CUMULATIVA

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	



**GRAFICO PERCENTILI**



Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore



Percentile	Leq.[dB]
0	76.0
1	76.0
2	74.0
3	73.0
4	72.0
5	71.0
6	70.5
7	70.0
8	69.0
9	68.5
10	68.0
11	67.5
12	67.0
13	66.5
14	66.0
15	65.0
16	64.7
17	64.3
18	64.0
19	63.5
20	63.0
21	62.5
22	62.0
23	61.7
24	61.3
25	61.0
26	60.5
27	60.0
28	59.7
29	59.3
30	59.0

31	58.7
32	58.3
33	58.0
34	57.7
35	57.3
36	57.0
37	56.8
38	56.5
39	56.3
40	56.0
41	55.7
42	55.3
43	55.0
44	54.7
45	54.3
46	54.0
47	53.8
48	53.5
49	53.3
50	53.0
51	52.8
52	52.5
53	52.3
54	52.0
55	51.8
56	51.5
57	51.3
58	51.0
59	50.8
60	50.5
61	50.3
62	50.0

63	49.8
64	49.5
65	49.3
66	49.0
67	48.8
68	48.5
69	48.3
70	48.0
71	47.8
72	47.5
73	47.3
74	47.0
75	46.8
76	46.5
77	46.3
78	46.0
79	45.8
80	45.6
81	45.4
82	45.2
83	45.0
84	44.9
85	44.7
86	44.6
87	44.4
88	44.3
89	44.1
90	44.0
91	43.8
92	43.6
93	43.4
94	43.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	43.0
96	42.7
97	42.3
98	42.0
99	41.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	76.0
1	76.0
2	75.0
3	74.0
4	73.0
5	72.0
6	71.5
7	71.0
8	70.5
9	70.0
10	69.5
11	69.0
12	68.5
13	68.0
14	67.5
15	67.0
16	66.7
17	66.3
18	66.0
19	65.5
20	65.0
21	64.7
22	64.3

23	64.0
24	63.7
25	63.3
26	63.0
27	62.7
28	62.3
29	62.0
30	61.7
31	61.3
32	61.0
33	60.7
34	60.3
35	60.0
36	59.8
37	59.5
38	59.3
39	59.0
40	58.8
41	58.5
42	58.3
43	58.0
44	57.7
45	57.3
46	57.0
47	56.8
48	56.5
49	56.3
50	56.0
51	55.8
52	55.5
53	55.3
54	55.0

55	54.8
56	54.5
57	54.3
58	54.0
59	53.8
60	53.6
61	53.4
62	53.2
63	53.0
64	52.8
65	52.5
66	52.3
67	52.0
68	51.8
69	51.5
70	51.3
71	51.0
72	50.8
73	50.5
74	50.3
75	50.0
76	49.8
77	49.5
78	49.3
79	49.0
80	48.8
81	48.5
82	48.3
83	48.0
84	47.8
85	47.5
86	47.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	47.0
88	46.8
89	46.5
90	46.3
91	46.0
92	45.5
93	45.0
94	44.5
95	44.0
96	43.5
97	43.0
98	42.0
99	41.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	73.0
1	73.0
2	70.0
3	68.0
4	66.0
5	65.0
6	63.0
7	62.0
8	61.0
9	60.0
10	59.5
11	59.0
12	58.0
13	57.5
14	57.0

15	56.5
16	56.0
17	55.5
18	55.0
19	54.5
20	54.0
21	53.7
22	53.3
23	53.0
24	52.7
25	52.3
26	52.0
27	51.7
28	51.3
29	51.0
30	50.7
31	50.3
32	50.0
33	49.7
34	49.3
35	49.0
36	48.8
37	48.5
38	48.3
39	48.0
40	47.8
41	47.5
42	47.3
43	47.0
44	46.8
45	46.7
46	46.5



47	46.3
48	46.2
49	46.0
50	45.9
51	45.8
52	45.8
53	45.7
54	45.6
55	45.5
56	45.4
57	45.3
58	45.3
59	45.2
60	45.1
61	45.0
62	44.9
63	44.9
64	44.8
65	44.8
66	44.7
67	44.6
68	44.6
69	44.5
70	44.4
71	44.4
72	44.3
73	44.3
74	44.2
75	44.1
76	44.1
77	44.0
78	43.9

79	43.9
80	43.8
81	43.7
82	43.7
83	43.6
84	43.5
85	43.5
86	43.4
87	43.3
88	43.3
89	43.2
90	43.1
91	43.1
92	43.0
93	42.8
94	42.6
95	42.4
96	42.2
97	42.0
98	41.5
99	41.0

**LIVELLI DI IMPULS- FAST E SLOW**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87,1	79,7	83,5
89	83,5	86,1
91,2	85,7	90,1
98,1	91,8	96,4
95,7	92,4	95
100,3	87,5	96
<b>100,3</b>	<b>92,4</b>	<b>96,4</b>

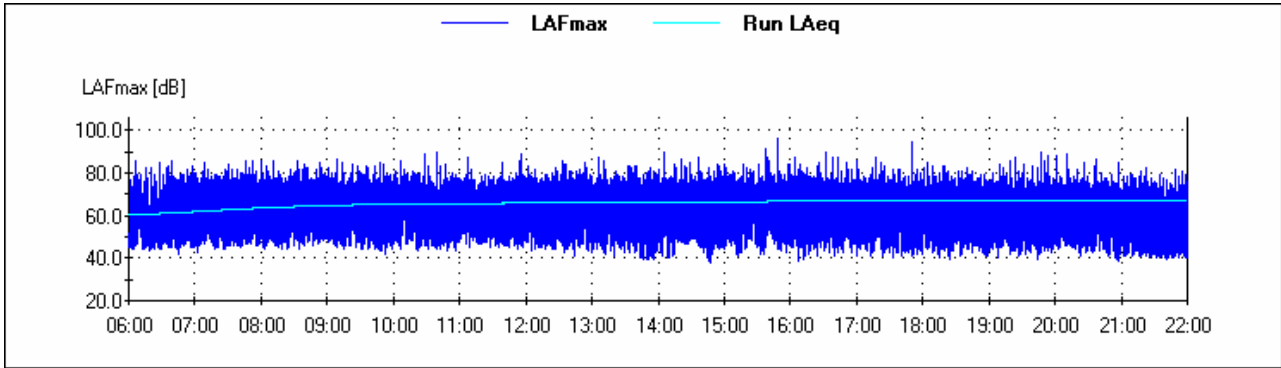
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89	83,5	86,1
91,2	85,7	90,1
98,1	91,8	96,4
95,7	92,4	95
82,2	79,1	81,7
<b>98,1</b>	<b>92,4</b>	<b>96,4</b>

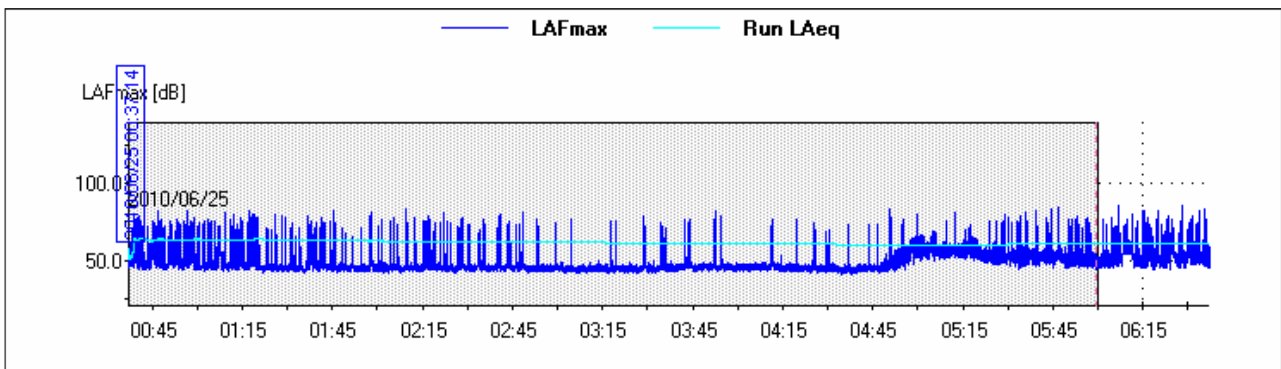
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87,1	79,7	83,5
85,2	82	84,7
100,3	87,5	96
<b>100,3</b>	<b>87,5</b>	<b>96</b>

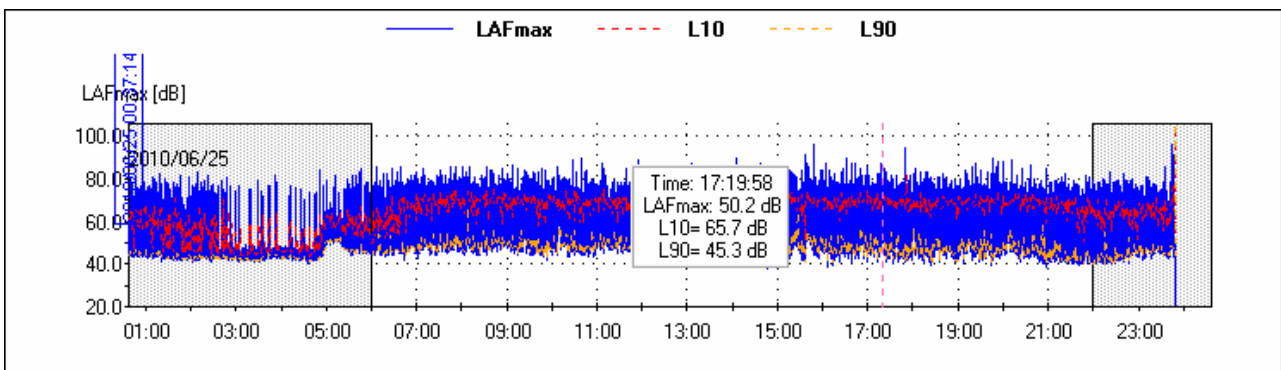
### RUNNING Leq DIURNO



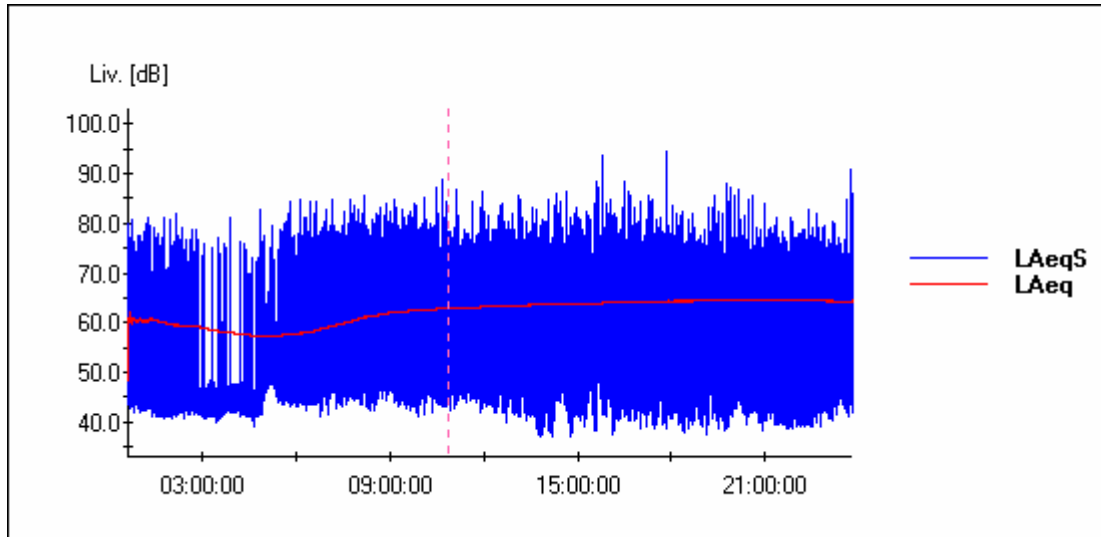
**RUNNING Leq NOTTURNO**



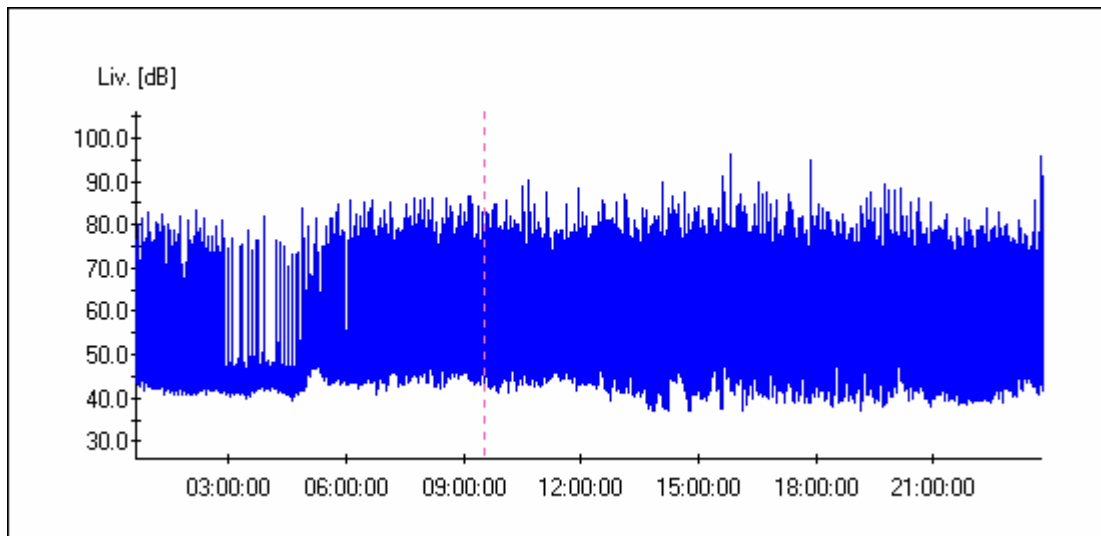
**TIME HISTORY L10 – L90**



LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_9_S</b>	Indirizzo <b>OSPEDALE PAPARDO</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata nello spazio antistante l'ingresso di valle della sede universitaria sita in località Papardo</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input checked="" type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
<b>Strumentazione adottata</b>		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825		

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore <b>R_9_S</b>	Indirizzo <b>OSPEDALE PAPARDO</b>
-------	---------------------------	--------------------------------------

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>26/06/10</b>	<b>60.2</b>	<b>0</b>	<b>0</b>		<b>60.2</b>	<b>50</b>
Notte	22-6h	<b>26/06/10</b>	<b>59.6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59.6</b>	<b>40</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_9_S</b>
Data inizio	<b>26/06/2010</b>
Ora inizio	<b>0.38.44</b>
Note	

<b>Parametri</b>		<b>24 ore</b>	<b>Giorno (T<sub>R</sub> = 6/22)</b>	<b>Notte (T<sub>R</sub> = 22/6)</b>
L <sub>AeqTR</sub>	[dBA]	<b>60.0</b>	<b>60.2</b>	<b>59.6</b>
L <sub>1</sub>	[dBA]	<b>67.0</b>	<b>68.0</b>	<b>65.0</b>
L <sub>5</sub>	[dBA]	<b>61.5</b>	<b>61.7</b>	<b>59.5</b>
L <sub>10</sub>	[dBA]	<b>59.5</b>	<b>60.0</b>	<b>57.7</b>
L <sub>50</sub>	[dBA]	<b>54.0</b>	<b>55.1</b>	<b>48.6</b>
L <sub>90</sub>	[dBA]	<b>43.0</b>	<b>49.7</b>	<b>36.7</b>
L <sub>95</sub>	[dBA]	<b>38.0</b>	<b>47.5</b>	<b>35.0</b>
L <sub>99</sub>	[dBA]	<b>34.0</b>	<b>41.0</b>	<b>33.0</b>
L <sub>Imax</sub>	[dBA]	<b>96.0</b>	<b>96.0</b>	<b>92.0</b>
L <sub>Fmax</sub>	[dBA]	<b>93.8</b>	<b>93.8</b>	<b>91.2</b>
L <sub>Smax</sub>	[dBA]	<b>90.8</b>	<b>90.8</b>	<b>90.5</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
<b>L<sub>AeqTRC</sub></b>		<b>60.0</b>	<b>60.2</b>	<b>59.6</b>

Note:
-------

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

Punto	Ricettore	Indirizzo
	<b>R_9_S</b>	<b>OSPEDALE PAPARDO</b>

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>10</b>	<b>7</b>	<b>7</b>	<b>15</b>	<b>9.75</b>	<b>5</b>	<b>4</b>	<b>4.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.25</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0.75</b>	<b>1</b>	<b>0</b>	<b>0.5</b>
<b>Parametri metereologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>24</b>	<b>25.6</b>	<b>26.5</b>	<b>22.4</b>	<b>24.63</b>	<b>20.6</b>	<b>22.1</b>	<b>21.35</b>
Umidità relativa	<b>67</b>	<b>60</b>	<b>56</b>	<b>73</b>	<b>64</b>	<b>82</b>	<b>74</b>	<b>78</b>
Velocità vento	<b>4.8</b>	<b>1.8</b>	<b>3.9</b>	<b>3.9</b>	<b>3.6</b>	<b>1.8</b>	<b>3.6</b>	<b>2.7</b>
Direzione vento	<b>W S W</b>	<b>N N W</b>	<b>N N W</b>	<b>N N W</b>		<b>S W</b>	<b>N N W</b>	





Punto

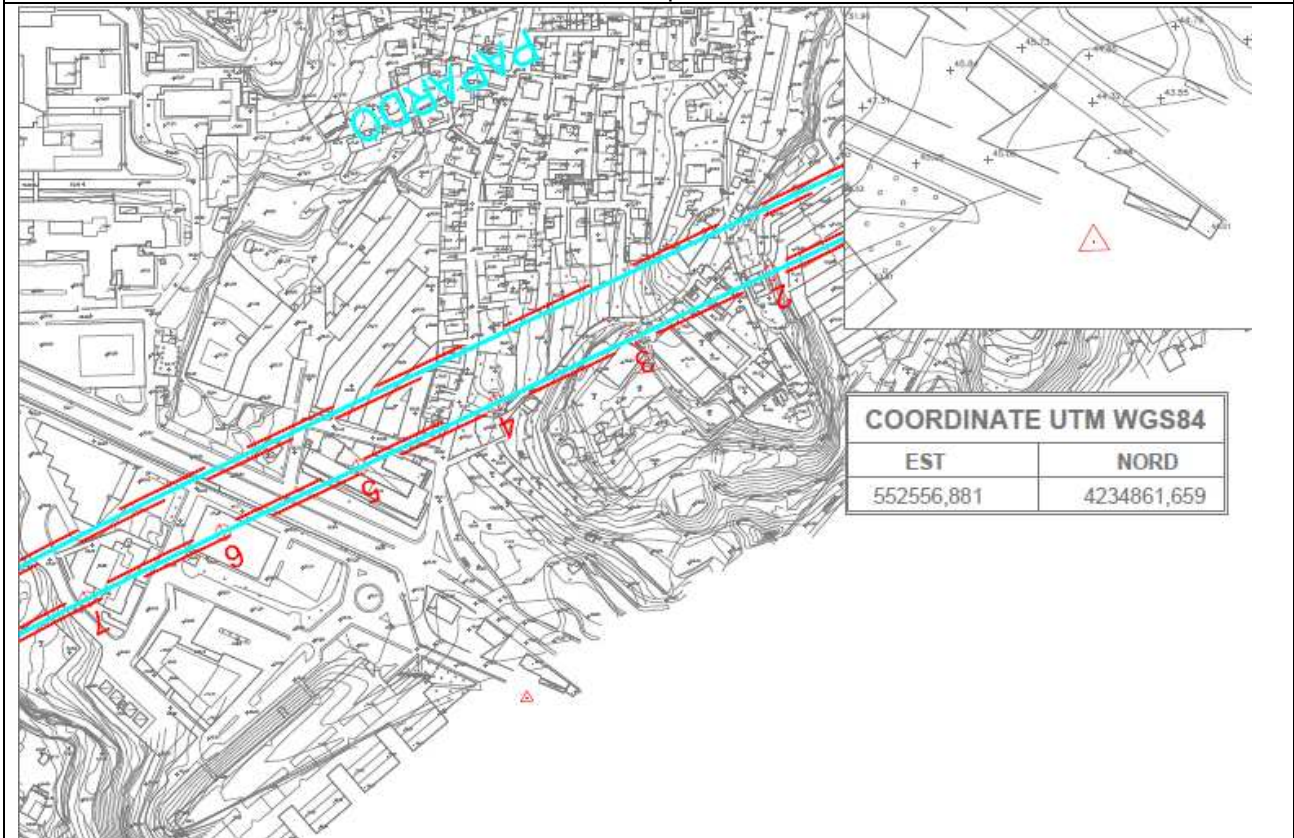
Ricettore

**R\_9\_S**

Indirizzo

**OSPEDALE PAPARDO**

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

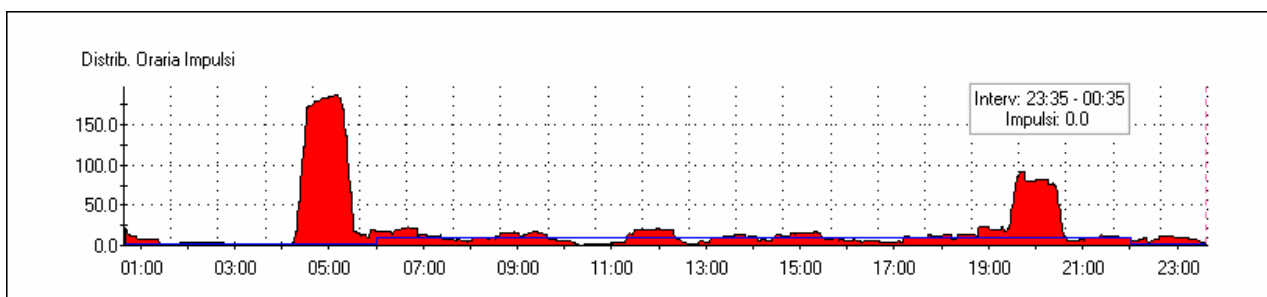
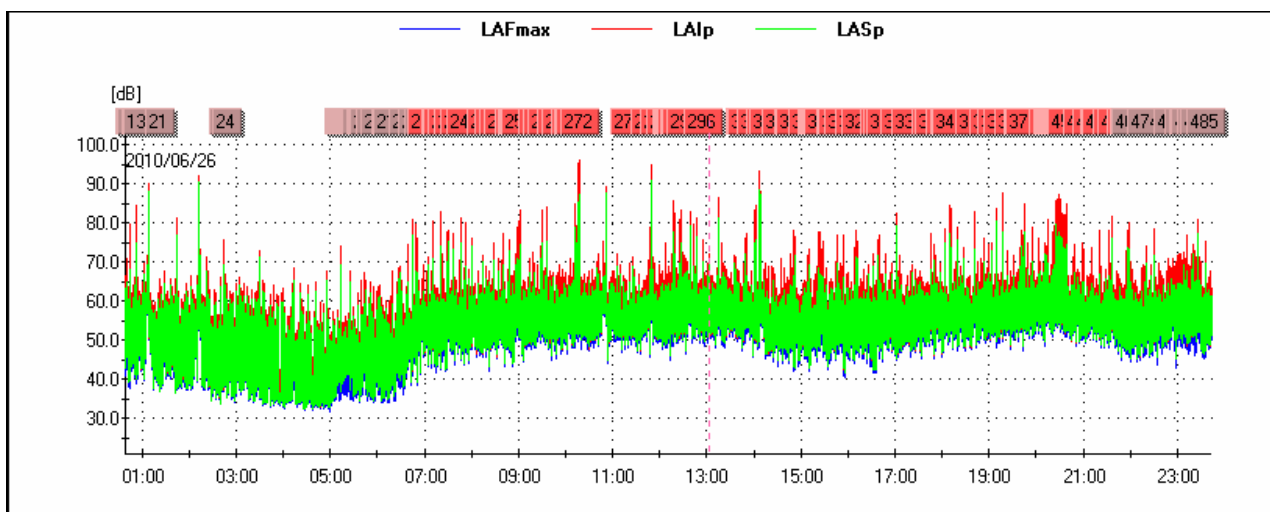
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/06/26 00:39:15	0.625	52.8	9.8
2	2010/06/26 00:40:02	0.875	60.1	10.1
3	2010/06/26 00:40:08	0.750	61.0	9.2
4	2010/06/26 00:40:09	1.000	65.1	7.6
5	2010/06/26 00:40:22	0.750	63.0	8.4
6	2010/06/26 00:40:35	0.625	63.4	9.3
7	2010/06/26 00:41:25	0.875	66.7	9.7
8	2010/06/26 00:43:45	1.000	64.8	10.2
9	2010/06/26 00:44:14	0.625	75.9	11.6
10	2010/06/26 00:46:07	1.000	58.7	10.4
11	2010/06/26 00:52:07	0.625	57.5	10.0
12	2010/06/26 00:52:32	0.625	82.1	9.8
13	2010/06/26 00:53:59	0.750	62.8	9.5
14	2010/06/26 01:21:46	0.875	55.3	7.4
15	2010/06/26 01:21:48	0.875	54.1	6.6
16	2010/06/26 01:21:50	0.750	58.4	8.3
17	2010/06/26 01:21:53	0.750	59.2	9.6
18	2010/06/26 01:21:55	0.625	59.6	9.3
19	2010/06/26 01:22:09	0.750	56.5	8.8
20	2010/06/26 01:22:12	0.750	58.8	10.1
21	2010/06/26 01:22:13	0.750	55.6	8.2
22	2010/06/26 02:44:12	1.000	74.4	6.4
23	2010/06/26 02:47:28	0.750	53.1	9.3
24	2010/06/26 02:48:50	0.750	55.4	9.9
25	2010/06/26 05:10:28	0.750	50.5	7.9
26	2010/06/26 05:10:36	0.750	49.2	7.9
27	2010/06/26 05:10:49	0.875	45.8	6.2
28	2010/06/26 05:10:57	0.875	49.0	7.6
29	2010/06/26 05:13:51	0.875	47.4	7.8
30	2010/06/26 05:13:53	0.750	47.2	7.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

31	2010/06/26 05:14:12	0.750	49.1	8.5
32	2010/06/26 05:14:14	0.750	49.1	7.6
33	2010/06/26 05:14:18	0.875	49.0	7.3
34	2010/06/26 05:14:20	0.875	47.7	7.3
35	2010/06/26 05:14:26	0.875	48.2	7.4
36	2010/06/26 05:14:29	0.875	47.4	7.6
37	2010/06/26 05:14:30	0.875	48.1	7.3
38	2010/06/26 05:14:38	1.000	49.1	8.2
39	2010/06/26 05:15:35	0.875	49.8	7.7
40	2010/06/26 05:15:42	0.750	50.1	8.7
41	2010/06/26 05:15:53	0.750	49.5	7.9
42	2010/06/26 05:16:50	0.875	50.9	8.1
43	2010/06/26 05:17:05	0.875	50.1	7.6
44	2010/06/26 05:17:07	0.875	48.0	7.1
45	2010/06/26 05:17:10	0.750	49.5	8.4
46	2010/06/26 05:17:11	0.750	49.2	7.6
47	2010/06/26 05:17:12	0.750	48.5	7.5
48	2010/06/26 05:17:13	0.750	50.4	8.3
49	2010/06/26 05:17:32	0.750	47.9	7.8
50	2010/06/26 05:17:33	0.750	47.8	8.3
51	2010/06/26 05:17:34	0.875	48.7	7.7
52	2010/06/26 05:17:35	0.875	50.7	8.0
53	2010/06/26 05:17:38	0.750	47.4	6.9
54	2010/06/26 05:17:39	0.750	50.7	8.2
55	2010/06/26 05:17:40	0.875	49.1	7.8
56	2010/06/26 05:17:42	0.750	50.6	8.4
57	2010/06/26 05:17:46	0.625	50.6	7.6
58	2010/06/26 05:17:54	0.875	48.8	7.4
59	2010/06/26 05:17:57	0.875	47.4	7.9
60	2010/06/26 05:17:58	0.750	49.0	8.1
61	2010/06/26 05:18:03	0.625	49.9	7.8
62	2010/06/26 05:18:03	0.750	48.2	6.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

63	2010/06/26 05:18:04	0.750	49.2	7.2
64	2010/06/26 05:18:07	0.750	50.0	7.6
65	2010/06/26 05:18:09	0.750	49.9	7.9
66	2010/06/26 05:18:13	0.750	49.2	6.7
67	2010/06/26 05:18:14	0.875	48.3	6.2
68	2010/06/26 05:18:22	0.625	50.0	8.3
69	2010/06/26 05:18:29	0.875	48.9	7.5
70	2010/06/26 05:18:45	0.875	47.8	7.1
71	2010/06/26 05:18:50	0.750	50.1	8.4
72	2010/06/26 05:18:51	0.750	48.7	7.7
73	2010/06/26 05:18:52	0.875	49.8	7.8
74	2010/06/26 05:18:54	0.875	49.1	7.6
75	2010/06/26 05:18:55	0.750	50.8	8.6
76	2010/06/26 05:19:01	0.875	47.5	7.3
77	2010/06/26 05:19:06	0.875	47.7	7.0
78	2010/06/26 05:19:07	0.875	49.6	8.1
79	2010/06/26 05:19:28	0.875	49.3	7.3
80	2010/06/26 05:21:10	0.750	49.6	7.0
81	2010/06/26 05:21:14	0.750	50.7	7.6
82	2010/06/26 05:21:16	0.875	48.8	6.5
83	2010/06/26 05:21:18	0.750	48.4	6.6
84	2010/06/26 05:21:19	0.750	50.4	7.5
85	2010/06/26 05:21:21	0.875	47.9	6.9
86	2010/06/26 05:21:22	0.750	50.5	7.7
87	2010/06/26 05:21:23	0.750	48.9	7.1
88	2010/06/26 05:21:24	0.875	49.8	7.3
89	2010/06/26 05:21:25	0.750	50.2	6.6
90	2010/06/26 05:21:26	0.750	48.1	6.6
91	2010/06/26 05:21:27	0.875	47.8	6.7
92	2010/06/26 05:21:28	0.750	50.5	8.3
93	2010/06/26 05:21:31	0.875	50.7	8.2
94	2010/06/26 05:21:34	0.750	51.1	8.7

95	2010/06/26 05:21:35	0.875	48.6	7.9
96	2010/06/26 05:21:37	0.750	50.8	8.1
97	2010/06/26 05:21:40	0.750	52.3	8.5
98	2010/06/26 05:21:42	0.750	50.0	7.4
99	2010/06/26 05:21:44	0.750	49.7	7.7
100	2010/06/26 05:21:46	0.750	49.9	7.5
101	2010/06/26 05:21:47	0.875	48.6	7.0
102	2010/06/26 05:21:48	0.875	47.9	6.8
103	2010/06/26 05:21:50	0.750	51.9	8.7
104	2010/06/26 05:21:52	0.750	49.0	6.8
105	2010/06/26 05:21:54	0.750	50.3	7.1
106	2010/06/26 05:21:55	0.875	48.3	6.2
107	2010/06/26 05:21:57	0.750	50.6	7.5
108	2010/06/26 05:21:58	0.625	51.4	8.0
109	2010/06/26 05:22:01	0.750	50.7	8.0
110	2010/06/26 05:22:02	0.875	49.3	6.8
111	2010/06/26 05:22:03	0.750	51.7	7.6
112	2010/06/26 05:22:05	0.875	50.2	7.4
113	2010/06/26 05:22:08	0.875	49.4	6.4
114	2010/06/26 05:22:10	0.875	50.7	7.8
115	2010/06/26 05:22:13	0.750	51.5	7.9
116	2010/06/26 05:23:34	0.875	50.2	7.3
117	2010/06/26 05:23:36	0.750	50.4	7.9
118	2010/06/26 05:23:45	0.750	50.2	7.7
119	2010/06/26 05:24:17	0.875	49.8	8.7
120	2010/06/26 05:24:22	0.750	49.0	7.5
121	2010/06/26 05:24:24	0.750	50.8	8.7
122	2010/06/26 05:24:24	0.750	50.7	7.5
123	2010/06/26 05:24:25	0.750	49.1	6.7
124	2010/06/26 05:24:26	0.625	53.1	9.0
125	2010/06/26 05:24:27	0.750	51.6	7.6
126	2010/06/26 05:24:28	0.625	51.3	7.8

127	2010/06/26 05:24:29	0.750	53.9	9.3
128	2010/06/26 05:24:30	0.875	49.4	9.2
129	2010/06/26 05:24:31	0.750	48.1	7.0
130	2010/06/26 05:24:32	0.750	50.6	8.5
131	2010/06/26 05:24:33	0.875	49.0	7.7
132	2010/06/26 05:24:35	0.750	50.7	8.8
133	2010/06/26 05:24:36	0.750	48.3	7.2
134	2010/06/26 05:24:37	0.750	48.8	7.3
135	2010/06/26 05:24:38	0.750	51.4	8.5
136	2010/06/26 05:24:39	0.750	50.6	7.8
137	2010/06/26 05:24:40	0.750	49.6	8.1
138	2010/06/26 05:24:41	0.625	50.2	7.5
139	2010/06/26 05:24:42	0.625	50.5	7.6
140	2010/06/26 05:24:43	0.750	49.0	7.1
141	2010/06/26 05:24:44	0.750	48.7	7.1
142	2010/06/26 05:24:45	0.750	49.2	7.4
143	2010/06/26 05:24:45	0.750	52.1	8.8
144	2010/06/26 05:24:47	0.750	49.7	7.5
145	2010/06/26 05:24:49	0.750	52.0	8.6
146	2010/06/26 05:24:50	0.625	50.0	7.6
147	2010/06/26 05:24:51	0.750	49.6	6.8
148	2010/06/26 05:24:51	0.750	49.6	7.7
149	2010/06/26 05:24:52	0.750	51.3	8.0
150	2010/06/26 05:24:53	0.750	50.2	7.1
151	2010/06/26 05:24:54	0.750	50.2	7.6
152	2010/06/26 05:27:02	0.875	51.8	8.0
153	2010/06/26 05:27:31	0.750	49.3	6.3
154	2010/06/26 05:27:32	0.750	50.4	7.8
155	2010/06/26 05:27:35	0.875	51.3	8.0
156	2010/06/26 05:27:37	0.875	50.2	6.8
157	2010/06/26 05:27:39	0.750	50.4	8.0
158	2010/06/26 05:27:40	0.750	48.6	6.2

159	2010/06/26 05:27:41	0.875	48.0	6.7
160	2010/06/26 05:27:42	0.875	49.7	7.2
161	2010/06/26 05:27:43	0.750	49.6	7.6
162	2010/06/26 05:27:48	0.750	49.1	7.8
163	2010/06/26 05:27:49	0.750	49.1	7.3
164	2010/06/26 05:27:53	0.750	47.1	6.8
165	2010/06/26 05:27:54	0.750	48.8	7.5
166	2010/06/26 05:27:58	0.750	49.3	7.6
167	2010/06/26 05:27:59	0.875	50.3	8.1
168	2010/06/26 05:28:01	0.750	48.5	7.0
169	2010/06/26 05:28:01	0.875	49.4	7.3
170	2010/06/26 05:28:02	0.750	50.0	7.4
171	2010/06/26 05:28:06	0.875	46.3	6.6
172	2010/06/26 05:28:09	0.875	47.9	6.9
173	2010/06/26 05:28:11	0.875	49.5	7.0
174	2010/06/26 05:28:12	0.750	50.6	8.0
175	2010/06/26 05:28:13	0.750	49.3	7.7
176	2010/06/26 05:28:14	0.875	51.4	8.2
177	2010/06/26 05:28:15	0.750	49.0	7.2
178	2010/06/26 05:28:17	0.875	49.3	7.2
179	2010/06/26 05:28:18	0.750	48.8	7.0
180	2010/06/26 05:28:19	0.750	48.5	7.3
181	2010/06/26 05:28:20	0.875	48.5	7.4
182	2010/06/26 05:28:21	1.000	48.7	7.2
183	2010/06/26 05:28:24	0.875	49.7	8.1
184	2010/06/26 05:28:29	0.750	49.7	7.4
185	2010/06/26 05:28:31	0.875	48.3	7.5
186	2010/06/26 05:28:33	1.000	48.4	7.9
187	2010/06/26 05:28:35	0.750	48.2	8.4
188	2010/06/26 05:29:13	0.750	48.4	6.9
189	2010/06/26 05:29:15	0.750	50.0	8.3
190	2010/06/26 05:29:19	0.875	47.7	6.9



191	2010/06/26 05:29:20	0.875	47.3	6.6
192	2010/06/26 05:29:21	0.875	48.6	7.6
193	2010/06/26 05:29:22	0.875	47.7	7.8
194	2010/06/26 05:29:23	0.750	49.3	7.8
195	2010/06/26 05:29:24	0.750	48.3	7.1
196	2010/06/26 05:29:25	0.750	50.6	8.1
197	2010/06/26 05:29:28	0.875	47.8	7.6
198	2010/06/26 05:29:29	0.750	48.2	7.5
199	2010/06/26 05:29:34	0.750	48.3	8.3
200	2010/06/26 05:29:36	0.625	53.7	10.3
201	2010/06/26 05:29:38	0.750	49.5	8.2
202	2010/06/26 05:31:26	0.750	48.5	8.6
203	2010/06/26 05:33:33	1.000	48.9	8.8
204	2010/06/26 05:36:12	0.750	56.8	9.8
205	2010/06/26 05:37:21	1.000	46.5	9.8
206	2010/06/26 05:38:57	0.750	52.2	8.4
207	2010/06/26 05:38:59	0.625	56.8	10.8
208	2010/06/26 05:39:10	0.750	62.4	8.5
209	2010/06/26 05:45:04	0.750	57.4	10.6
210	2010/06/26 05:46:11	0.625	54.9	9.4
211	2010/06/26 05:46:36	0.750	51.1	9.2
212	2010/06/26 05:48:45	0.625	53.3	10.4
213	2010/06/26 05:57:58	0.750	46.7	8.8
214	2010/06/26 05:57:59	0.750	52.7	9.2
215	2010/06/26 05:58:01	0.750	48.8	7.6
216	2010/06/26 06:04:09	1.000	48.9	9.8
217	2010/06/26 06:18:01	0.750	57.2	9.1
218	2010/06/26 06:18:12	0.875	55.1	10.2
219	2010/06/26 06:18:57	0.750	65.1	8.0
220	2010/06/26 06:39:05	0.875	66.6	8.1
221	2010/06/26 06:39:08	0.750	70.9	9.4
222	2010/06/26 06:50:12	1.000	68.7	8.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

223	2010/06/26 06:50:19	1.000	70.1	6.8
224	2010/06/26 06:50:20	0.875	73.0	9.2
225	2010/06/26 06:50:24	0.750	72.7	9.1
226	2010/06/26 06:50:33	0.750	66.3	8.2
227	2010/06/26 06:50:37	0.750	73.0	10.2
228	2010/06/26 06:50:38	0.750	70.3	8.1
229	2010/06/26 06:50:42	0.875	65.2	7.5
230	2010/06/26 06:50:49	0.750	71.6	9.4
231	2010/06/26 06:50:52	0.750	70.4	8.2
232	2010/06/26 06:58:23	0.875	65.8	9.4
233	2010/06/26 07:02:21	0.875	65.0	8.8
234	2010/06/26 07:20:25	0.750	80.5	8.8
235	2010/06/26 07:20:40	0.875	74.8	8.8
236	2010/06/26 07:20:44	0.750	75.3	9.7
237	2010/06/26 07:20:49	0.625	75.5	10.0
238	2010/06/26 07:22:54	0.625	68.0	11.5
239	2010/06/26 07:29:37	0.750	75.5	6.8
240	2010/06/26 07:29:41	0.875	75.0	8.4
241	2010/06/26 07:36:54	0.500	64.5	11.9
242	2010/06/26 07:37:13	0.500	72.6	11.5
243	2010/06/26 07:45:22	0.750	67.3	9.6
244	2010/06/26 07:52:34	0.875	65.8	8.8
245	2010/06/26 07:53:27	0.875	76.5	11.4
246	2010/06/26 08:19:25	0.750	59.3	10.9
247	2010/06/26 08:29:23	0.875	62.0	10.3
248	2010/06/26 08:35:22	0.750	66.3	9.8
249	2010/06/26 08:40:42	0.875	75.0	7.8
250	2010/06/26 08:54:02	0.750	62.1	9.6
251	2010/06/26 08:57:58	0.875	69.5	7.7
252	2010/06/26 09:00:28	0.750	68.8	10.3
253	2010/06/26 09:00:34	0.750	69.8	9.6
254	2010/06/26 09:01:47	0.625	80.2	10.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

255	2010/06/26 09:01:47	0.625	80.2	8.7
256	2010/06/26 09:23:59	0.625	66.1	10.1
257	2010/06/26 09:30:31	0.750	71.7	10.4
258	2010/06/26 09:30:38	0.750	78.4	8.7
259	2010/06/26 09:30:44	0.625	79.9	10.2
260	2010/06/26 09:35:24	0.750	78.3	9.1
261	2010/06/26 09:35:25	0.625	79.6	9.2
262	2010/06/26 09:35:28	0.625	76.1	10.4
263	2010/06/26 09:36:12	0.750	78.8	9.9
264	2010/06/26 09:36:16	0.750	80.2	8.4
265	2010/06/26 09:36:17	0.625	81.0	9.1
266	2010/06/26 09:47:29	0.875	59.9	8.6
267	2010/06/26 09:53:30	0.750	63.2	9.5
268	2010/06/26 10:06:42	0.875	68.0	8.9
269	2010/06/26 10:10:28	0.875	66.6	9.4
270	2010/06/26 10:11:49	0.750	69.7	10.7
271	2010/06/26 10:12:37	0.625	73.8	10.6
272	2010/06/26 10:16:56	1.000	93.8	8.7
273	2010/06/26 11:22:22	1.000	65.6	10.1
274	2010/06/26 11:48:05	0.625	75.1	10.8
275	2010/06/26 11:59:31	0.625	65.1	11.2
276	2010/06/26 12:07:06	0.625	71.1	10.9
277	2010/06/26 12:16:20	0.875	65.6	7.8
278	2010/06/26 12:16:24	0.625	66.9	11.5
279	2010/06/26 12:16:31	1.000	81.7	10.0
280	2010/06/26 12:16:38	0.625	78.6	9.3
281	2010/06/26 12:17:04	0.625	80.5	9.6
282	2010/06/26 12:17:07	0.875	71.6	7.8
283	2010/06/26 12:17:09	0.625	78.3	9.0
284	2010/06/26 12:18:50	0.750	77.5	9.6
285	2010/06/26 12:18:54	0.625	79.4	10.6
286	2010/06/26 12:19:08	0.625	77.3	9.3

287	2010/06/26 12:20:26	1.000	65.7	9.0
288	2010/06/26 12:25:43	0.625	64.5	11.9
289	2010/06/26 12:25:50	0.625	77.1	11.2
290	2010/06/26 12:26:30	0.750	67.8	8.5
291	2010/06/26 12:27:25	0.750	76.7	8.8
292	2010/06/26 12:27:26	0.625	77.2	8.9
293	2010/06/26 12:27:26	0.625	78.5	8.5
294	2010/06/26 12:33:10	0.750	66.7	10.8
295	2010/06/26 12:55:27	0.625	72.3	10.4
296	2010/06/26 12:55:36	0.750	67.4	9.8
297	2010/06/26 13:48:50	0.875	63.3	10.0
298	2010/06/26 13:48:57	0.750	68.6	8.9
299	2010/06/26 13:49:16	0.875	65.6	10.1
300	2010/06/26 13:51:23	0.750	73.7	10.9
301	2010/06/26 14:03:23	0.875	76.9	7.8
302	2010/06/26 14:03:27	0.875	81.1	10.1
303	2010/06/26 14:03:31	0.625	76.6	6.8
304	2010/06/26 14:03:33	0.625	79.0	9.2
305	2010/06/26 14:03:34	0.625	76.9	8.1
306	2010/06/26 14:14:11	1.000	65.5	11.6
307	2010/06/26 14:19:05	0.625	65.2	10.7
308	2010/06/26 14:33:50	0.875	66.6	11.7
309	2010/06/26 14:34:45	1.000	62.1	10.9
310	2010/06/26 14:51:15	0.625	74.4	11.8
311	2010/06/26 14:52:23	0.875	60.7	7.1
312	2010/06/26 15:08:09	0.625	67.1	12.1
313	2010/06/26 15:19:40	0.625	64.8	11.2
314	2010/06/26 15:23:07	0.875	75.1	9.2
315	2010/06/26 15:23:16	0.875	65.5	9.6
316	2010/06/26 15:23:26	0.625	65.9	8.9
317	2010/06/26 15:24:29	0.875	73.6	10.8
318	2010/06/26 15:25:24	1.000	69.7	6.8

319	2010/06/26 15:26:04	1.000	70.9	6.7
320	2010/06/26 15:27:58	1.000	69.6	7.4
321	2010/06/26 15:28:08	0.875	62.4	9.0
322	2010/06/26 15:45:20	0.875	64.7	9.6
323	2010/06/26 15:46:19	1.000	71.7	7.4
324	2010/06/26 15:46:27	0.750	75.3	7.1
325	2010/06/26 15:47:14	1.000	68.7	7.3
326	2010/06/26 15:53:38	0.625	73.8	10.6
327	2010/06/26 16:08:33	0.625	69.5	12.3
328	2010/06/26 16:08:35	0.875	61.3	12.5
329	2010/06/26 16:15:24	0.875	63.4	8.5
330	2010/06/26 16:39:18	0.875	61.7	9.9
331	2010/06/26 16:43:57	0.750	62.6	11.7
332	2010/06/26 16:48:53	0.875	67.6	11.4
333	2010/06/26 17:05:20	0.625	67.4	11.8
334	2010/06/26 17:18:57	0.750	65.9	7.4
335	2010/06/26 17:45:41	0.750	75.1	9.0
336	2010/06/26 17:49:06	0.625	67.2	9.2
337	2010/06/26 18:02:42	0.875	70.6	8.4
338	2010/06/26 18:10:33	0.625	80.2	9.8
339	2010/06/26 18:10:33	0.750	76.9	7.8
340	2010/06/26 18:10:34	0.625	71.7	7.5
341	2010/06/26 18:10:35	0.750	75.4	7.8
342	2010/06/26 18:10:36	0.750	74.3	6.9
343	2010/06/26 18:10:37	1.000	77.4	7.8
344	2010/06/26 18:10:41	0.750	80.7	10.3
345	2010/06/26 18:10:48	0.625	73.3	11.4
346	2010/06/26 18:41:08	0.750	75.9	10.0
347	2010/06/26 18:41:21	0.875	78.5	8.1
348	2010/06/26 18:41:25	1.000	78.2	8.5
349	2010/06/26 18:59:37	1.000	72.3	7.5
350	2010/06/26 18:59:44	0.875	65.3	8.3

351	2010/06/26 18:59:47	1.000	68.7	8.1
352	2010/06/26 19:08:55	0.625	79.5	11.8
353	2010/06/26 19:17:27	0.625	81.2	7.7
354	2010/06/26 19:17:28	0.625	79.6	7.4
355	2010/06/26 19:17:29	0.625	79.5	7.5
356	2010/06/26 19:17:29	0.625	84.4	10.0
357	2010/06/26 19:17:52	0.750	77.0	8.9
358	2010/06/26 19:17:54	0.625	80.2	8.5
359	2010/06/26 19:17:56	0.625	77.4	7.8
360	2010/06/26 19:31:41	1.000	63.1	10.3
361	2010/06/26 19:44:01	0.875	69.8	8.1
362	2010/06/26 19:44:05	0.750	71.8	7.1
363	2010/06/26 19:44:25	0.750	74.9	8.4
364	2010/06/26 19:44:26	0.750	75.7	7.8
365	2010/06/26 19:44:27	0.625	78.0	8.4
366	2010/06/26 19:44:46	0.750	80.1	6.5
367	2010/06/26 19:44:47	0.750	80.9	9.4
368	2010/06/26 19:44:51	0.625	81.0	11.5
369	2010/06/26 19:44:52	0.875	76.9	9.9
370	2010/06/26 19:44:53	0.750	76.4	7.5
371	2010/06/26 19:44:54	0.750	75.2	6.4
372	2010/06/26 19:44:54	0.750	80.6	9.6
373	2010/06/26 19:45:14	0.625	78.0	10.4
374	2010/06/26 20:14:04	1.000	73.9	11.5
375	2010/06/26 20:14:24	1.000	74.0	10.8
376	2010/06/26 20:14:25	0.625	74.7	10.3
377	2010/06/26 20:14:28	0.625	69.7	11.4
378	2010/06/26 20:14:29	0.500	76.5	11.1
379	2010/06/26 20:21:56	0.750	74.7	9.8
380	2010/06/26 20:22:11	0.750	75.4	10.3
381	2010/06/26 20:22:21	0.875	70.6	9.4
382	2010/06/26 20:22:23	0.625	76.4	10.1

383	2010/06/26 20:25:40	0.875	82.6	10.7
384	2010/06/26 20:25:42	1.000	80.4	9.3
385	2010/06/26 20:25:43	0.750	78.2	8.3
386	2010/06/26 20:25:49	0.750	76.8	6.3
387	2010/06/26 20:25:52	0.875	75.3	7.0
388	2010/06/26 20:25:54	0.750	75.3	7.1
389	2010/06/26 20:25:56	0.750	78.2	6.8
390	2010/06/26 20:25:59	0.625	79.2	8.4
391	2010/06/26 20:26:01	0.625	78.8	8.4
392	2010/06/26 20:26:04	0.625	80.4	7.9
393	2010/06/26 20:26:14	0.750	80.9	9.5
394	2010/06/26 20:26:15	0.625	82.6	9.7
395	2010/06/26 20:26:17	0.750	77.1	8.4
396	2010/06/26 20:26:20	0.750	77.3	6.4
397	2010/06/26 20:26:21	0.625	78.1	6.7
398	2010/06/26 20:26:52	0.625	78.3	9.5
399	2010/06/26 20:26:53	0.625	81.9	9.6
400	2010/06/26 20:26:53	0.625	82.3	9.4
401	2010/06/26 20:26:54	0.750	76.0	9.0
402	2010/06/26 20:26:55	0.750	75.2	7.4
403	2010/06/26 20:26:56	0.750	74.9	6.8
404	2010/06/26 20:26:57	0.750	78.9	7.9
405	2010/06/26 20:26:58	0.625	77.0	6.4
406	2010/06/26 20:26:59	0.625	79.3	8.3
407	2010/06/26 20:26:59	0.750	78.1	6.6
408	2010/06/26 20:27:04	0.625	78.9	10.4
409	2010/06/26 20:28:46	0.875	82.5	9.3
410	2010/06/26 20:29:13	0.750	76.1	6.6
411	2010/06/26 20:29:15	0.625	79.6	9.1
412	2010/06/26 20:29:16	0.625	84.1	9.6
413	2010/06/26 20:29:20	0.625	80.6	10.0
414	2010/06/26 20:29:22	0.750	76.4	8.7

415	2010/06/26 20:29:23	0.750	78.2	8.3
416	2010/06/26 20:29:25	0.750	75.5	8.0
417	2010/06/26 20:29:26	0.625	76.7	7.8
418	2010/06/26 20:30:22	0.625	80.2	10.9
419	2010/06/26 20:30:24	0.625	80.4	8.9
420	2010/06/26 20:30:47	0.750	73.3	8.9
421	2010/06/26 20:30:48	0.625	79.7	10.8
422	2010/06/26 20:30:49	0.750	74.7	10.2
423	2010/06/26 20:30:50	0.750	77.1	7.8
424	2010/06/26 20:30:52	0.750	82.1	10.2
425	2010/06/26 20:30:53	0.625	78.0	9.0
426	2010/06/26 20:30:54	0.750	78.8	8.5
427	2010/06/26 20:30:55	0.750	77.1	7.6
428	2010/06/26 20:30:56	0.625	78.9	8.7
429	2010/06/26 20:30:56	0.750	73.8	8.2
430	2010/06/26 20:30:57	0.625	78.5	8.1
431	2010/06/26 20:31:11	0.625	76.4	9.7
432	2010/06/26 20:31:19	0.625	82.8	10.7
433	2010/06/26 20:31:19	1.000	81.2	7.5
434	2010/06/26 20:32:21	0.875	69.9	8.5
435	2010/06/26 20:32:29	0.750	76.5	8.4
436	2010/06/26 20:32:30	0.750	75.5	7.4
437	2010/06/26 20:32:32	0.625	77.4	10.0
438	2010/06/26 20:32:34	0.750	76.6	8.8
439	2010/06/26 20:32:35	0.750	73.5	7.5
440	2010/06/26 20:33:22	0.625	76.7	6.9
441	2010/06/26 20:33:24	0.625	76.2	10.0
442	2010/06/26 20:33:25	0.750	77.6	8.8
443	2010/06/26 20:33:26	0.750	75.5	7.9
444	2010/06/26 20:33:27	0.750	74.7	7.3
445	2010/06/26 20:33:29	0.750	74.6	6.2
446	2010/06/26 20:33:32	0.625	79.0	9.5



447	2010/06/26 20:33:32	0.625	79.2	8.9
448	2010/06/26 20:33:36	0.625	77.3	9.3
449	2010/06/26 20:33:37	0.750	74.4	7.2
450	2010/06/26 20:33:38	0.625	75.4	7.2
451	2010/06/26 20:34:00	0.750	74.7	8.4
452	2010/06/26 20:37:51	0.625	77.8	10.3
453	2010/06/26 20:37:52	0.750	79.3	9.1
454	2010/06/26 20:37:53	0.625	78.8	8.9
455	2010/06/26 20:37:59	0.625	81.8	10.4
456	2010/06/26 20:38:26	0.750	66.7	11.8
457	2010/06/26 20:38:29	0.625	66.9	11.5
458	2010/06/26 20:39:32	1.000	66.1	10.7
459	2010/06/26 20:58:47	0.875	66.4	8.3
460	2010/06/26 21:10:42	0.750	70.5	8.9
461	2010/06/26 21:20:13	0.625	74.0	11.1
462	2010/06/26 21:22:21	0.750	65.5	9.5
463	2010/06/26 21:36:29	0.875	76.9	6.3
464	2010/06/26 21:43:33	0.750	64.8	9.3
465	2010/06/26 21:53:46	1.000	64.7	7.8
466	2010/06/26 21:59:09	0.875	70.7	8.8
467	2010/06/26 21:59:10	0.625	69.0	7.8
468	2010/06/26 21:59:39	0.625	65.5	6.5
469	2010/06/26 22:00:28	0.750	59.2	9.6
470	2010/06/26 22:19:38	0.750	63.7	10.7
471	2010/06/26 22:20:26	1.000	66.8	7.6
472	2010/06/26 22:20:28	0.750	69.6	8.0
473	2010/06/26 22:20:35	0.750	70.0	8.7
474	2010/06/26 22:20:38	0.875	67.8	7.9
475	2010/06/26 22:54:25	0.875	67.1	8.6
476	2010/06/26 23:09:02	0.750	66.6	8.4
477	2010/06/26 23:13:31	0.875	62.8	8.3
478	2010/06/26 23:15:51	1.000	62.8	8.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

479	2010/06/26 23:24:22	1.000	59.1	6.9
480	2010/06/26 23:27:57	1.000	63.3	9.4
481	2010/06/26 23:28:13	0.875	67.8	8.9
482	2010/06/26 23:28:35	0.750	68.8	7.3
483	2010/06/26 23:35:35	1.000	62.3	9.5
484	2010/06/26 23:35:42	0.750	67.1	10.8
485	2010/06/26 23:35:46	0.625	66.8	8.9

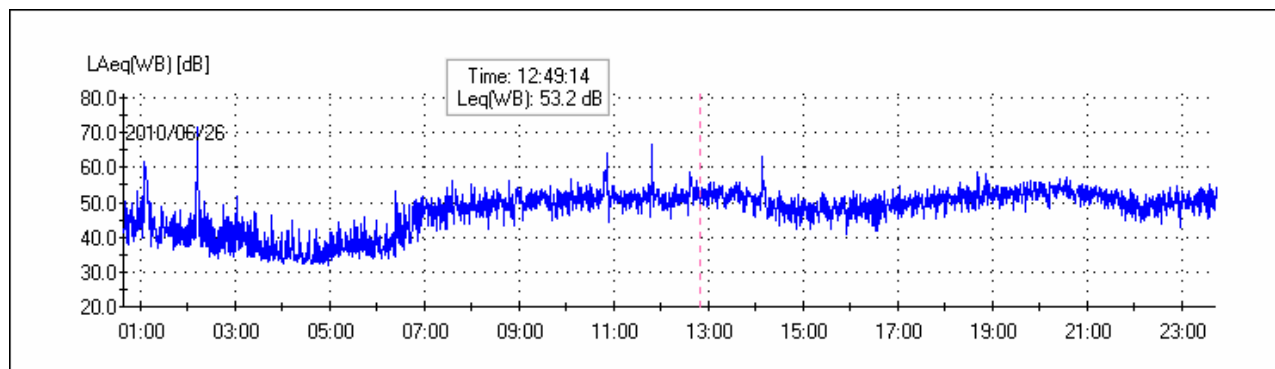
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



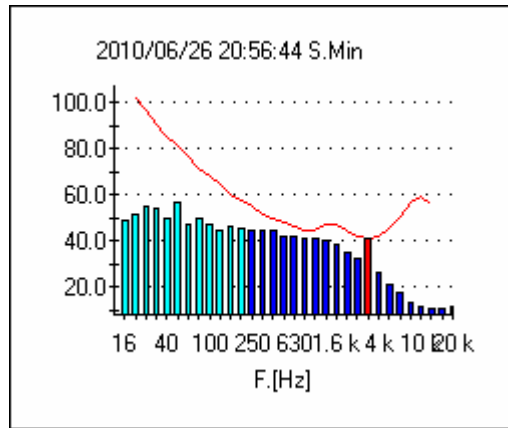
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 250	0.1
Freq: 400	0.1
Freq: 500	0.1
Freq: 630	0.0
Freq: 800	0.1
Freq: 1 k	0.0
Freq: 2 k	0.0
Freq: 2.5 k	0.0
Freq: 3.15 k	8.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

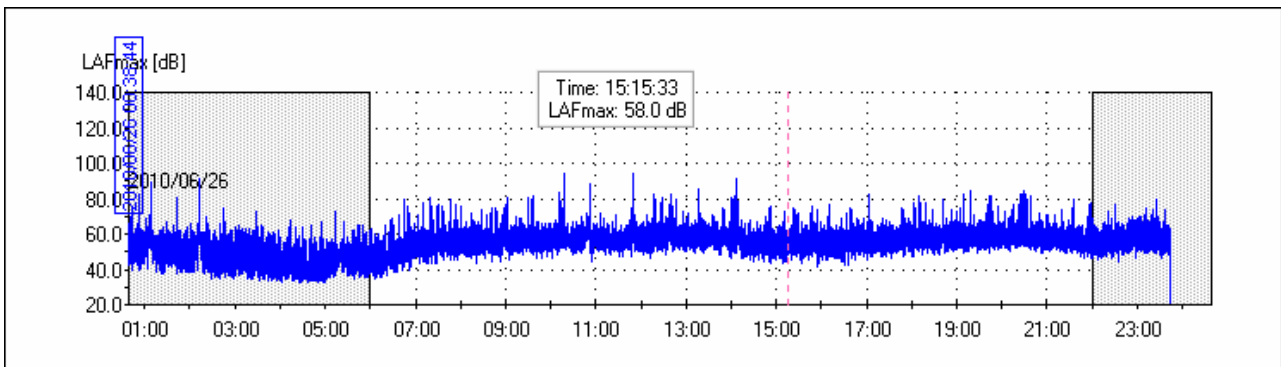
Freq: 4 k	0.1
Freq: 5 k	0.2
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

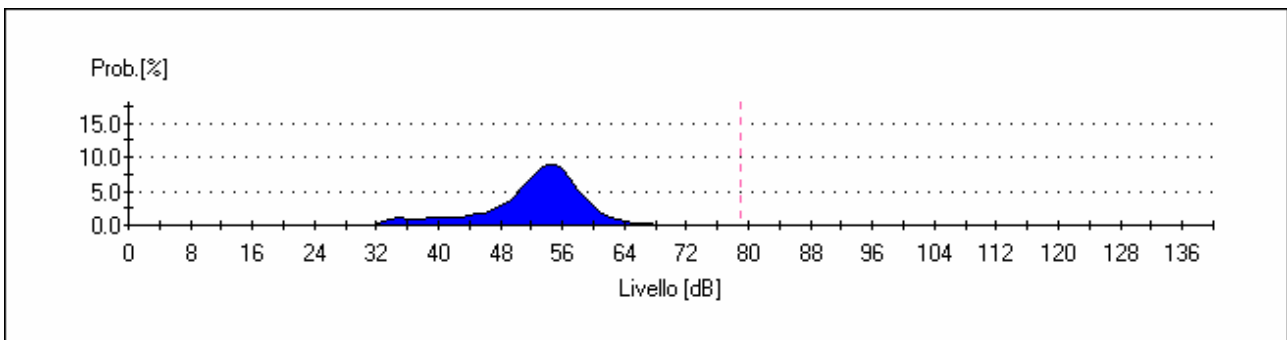
**TIME HISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**

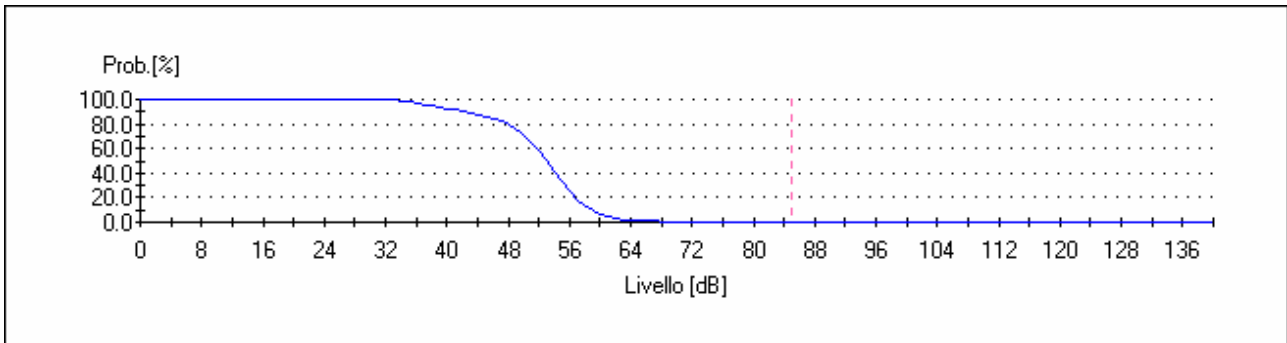


**DISTRIBUTIVA**

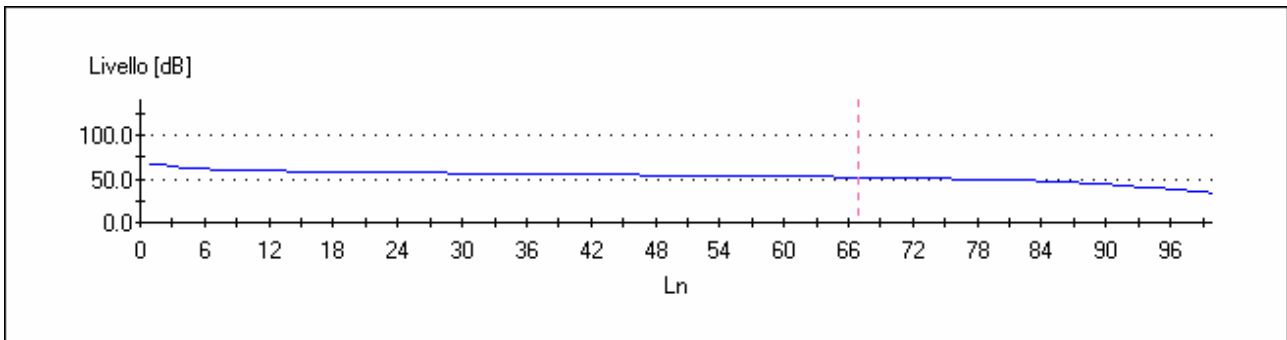


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**CUMULATIVA**



**GRAFICO PERCENTILI**



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	67.0
1	67.0
2	64.0
3	63.0
4	62.0
5	61.5
6	61.0
7	60.5
8	60.0
9	59.8
10	59.5
11	59.3
12	59.0
13	58.8
14	58.7
15	58.5
16	58.3
17	58.2
18	58.0
19	57.8
20	57.7
21	57.5
22	57.3
23	57.2
24	57.0
25	56.9
26	56.8
27	56.7
28	56.6
29	56.4
30	56.3

31	56.2
32	56.1
33	56.0
34	55.9
35	55.8
36	55.6
37	55.5
38	55.4
39	55.3
40	55.1
41	55.0
42	54.9
43	54.8
44	54.7
45	54.6
46	54.4
47	54.3
48	54.2
49	54.1
50	54.0
51	53.9
52	53.8
53	53.6
54	53.5
55	53.4
56	53.3
57	53.1
58	53.0
59	52.9
60	52.7
61	52.6
62	52.4



63	52.3
64	52.1
65	52.0
66	51.8
67	51.7
68	51.5
69	51.3
70	51.2
71	51.0
72	50.8
73	50.5
74	50.3
75	50.0
76	49.8
77	49.5
78	49.3
79	49.0
80	48.7
81	48.3
82	48.0
83	47.5
84	47.0
85	46.5
86	46.0
87	45.0
88	44.5
89	44.0
90	43.0
91	42.0
92	41.0
93	40.0
94	39.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	38.0
96	37.0
97	36.0
98	35.0
99	34.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	68.0
1	68.0
2	64.0
3	63.0
4	62.0
5	61.7
6	61.3
7	61.0
8	60.7
9	60.3
10	60.0
11	59.8
12	59.6
13	59.4
14	59.2
15	59.0
16	58.9
17	58.7
18	58.6
19	58.4
20	58.3
21	58.1
22	58.0

23	57.9
24	57.8
25	57.6
26	57.5
27	57.4
28	57.3
29	57.1
30	57.0
31	56.9
32	56.8
33	56.7
34	56.6
35	56.5
36	56.4
37	56.3
38	56.2
39	56.1
40	56.0
41	55.9
42	55.8
43	55.7
44	55.6
45	55.5
46	55.5
47	55.4
48	55.3
49	55.2
50	55.1
51	55.0
52	54.9
53	54.8
54	54.7

55	54.6
56	54.5
57	54.5
58	54.4
59	54.3
60	54.2
61	54.1
62	54.0
63	53.9
64	53.8
65	53.7
66	53.6
67	53.4
68	53.3
69	53.2
70	53.1
71	53.0
72	52.9
73	52.8
74	52.6
75	52.5
76	52.4
77	52.3
78	52.1
79	52.0
80	51.8
81	51.7
82	51.5
83	51.3
84	51.2
85	51.0
86	50.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	50.5
88	50.3
89	50.0
90	49.7
91	49.3
92	49.0
93	48.5
94	48.0
95	47.5
96	47.0
97	46.0
98	44.0
99	41.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	65.0
1	65.0
2	62.0
3	61.0
4	60.0
5	59.5
6	59.0
7	58.7
8	58.3
9	58.0
10	57.7
11	57.3
12	57.0
13	56.7
14	56.3

15	56.0
16	55.8
17	55.6
18	55.4
19	55.2
20	55.0
21	54.8
22	54.5
23	54.3
24	54.0
25	53.8
26	53.6
27	53.4
28	53.2
29	53.0
30	52.8
31	52.6
32	52.4
33	52.2
34	52.0
35	51.8
36	51.6
37	51.4
38	51.2
39	51.0
40	50.8
41	50.5
42	50.3
43	50.0
44	49.8
45	49.6
46	49.4

47	49.2
48	49.0
49	48.8
50	48.6
51	48.4
52	48.2
53	48.0
54	47.8
55	47.5
56	47.3
57	47.0
58	46.8
59	46.5
60	46.3
61	46.0
62	45.8
63	45.5
64	45.3
65	45.0
66	44.7
67	44.3
68	44.0
69	43.8
70	43.5
71	43.3
72	43.0
73	42.7
74	42.3
75	42.0
76	41.7
77	41.3
78	41.0

79	40.7
80	40.3
81	40.0
82	39.7
83	39.3
84	39.0
85	38.5
86	38.0
87	37.7
88	37.3
89	37.0
90	36.7
91	36.3
92	36.0
93	35.7
94	35.3
95	35.0
96	34.7
97	34.3
98	34.0
99	33.0

LIVELLI DI IMPULS- FAST E SLOW



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92	90,5	91,2
82,9	76,7	80,5
96	90,8	93,8
93,4	88,4	91,4
87,6	80,5	84,4
81,7	77,1	80
<b>96</b>	<b>90,8</b>	<b>93,8</b>

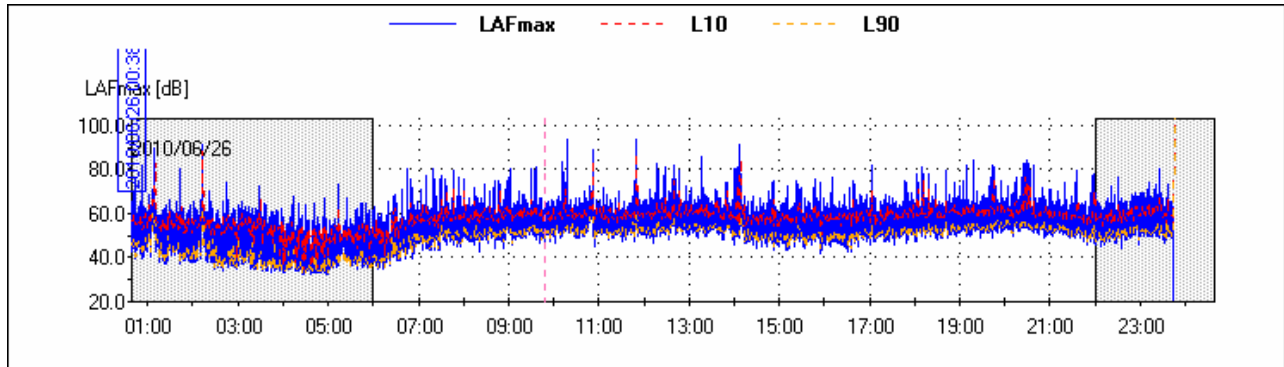
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
82,9	76,7	80,5
96	90,8	93,8
93,4	88,4	91,4
87,6	80,5	84,4
81,7	76,2	79,5
<b>96</b>	<b>90,8</b>	<b>93,8</b>

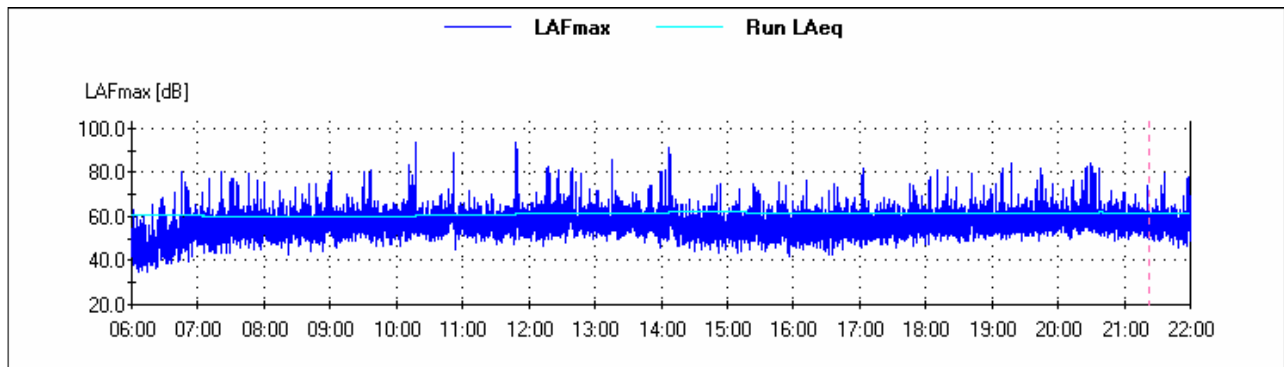
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
92	90,5	91,2
74,1	69,3	72,9
80,7	77,1	80
<b>92</b>	<b>90,5</b>	<b>91,2</b>

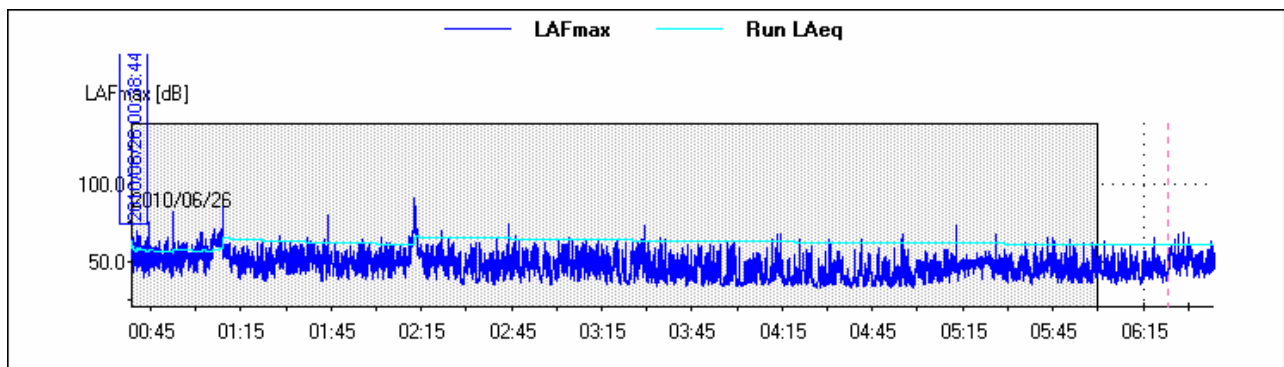
**TIME HISTORY L10 – L90**



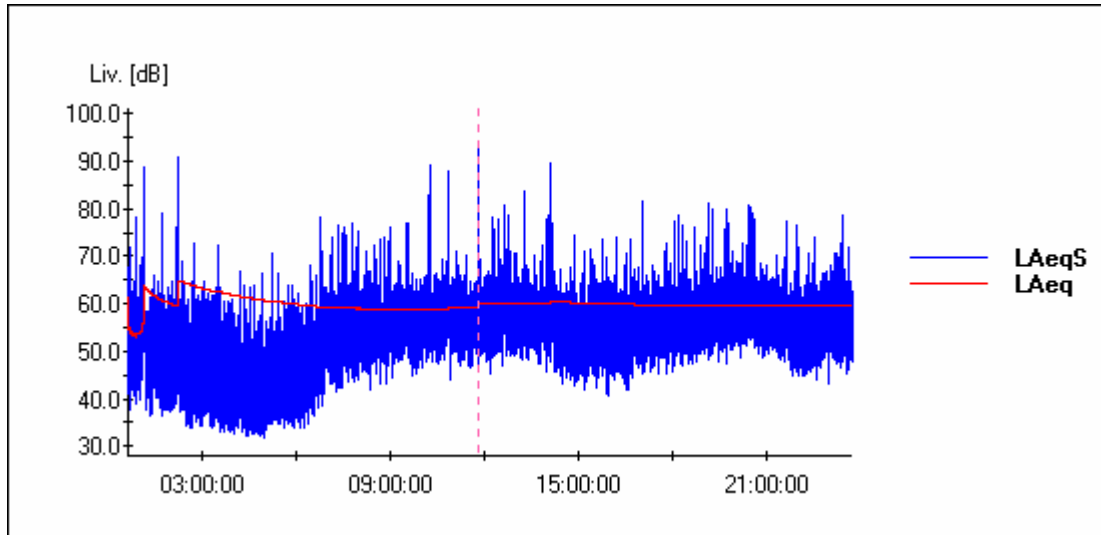
**RUNNING Leq DIURNO**



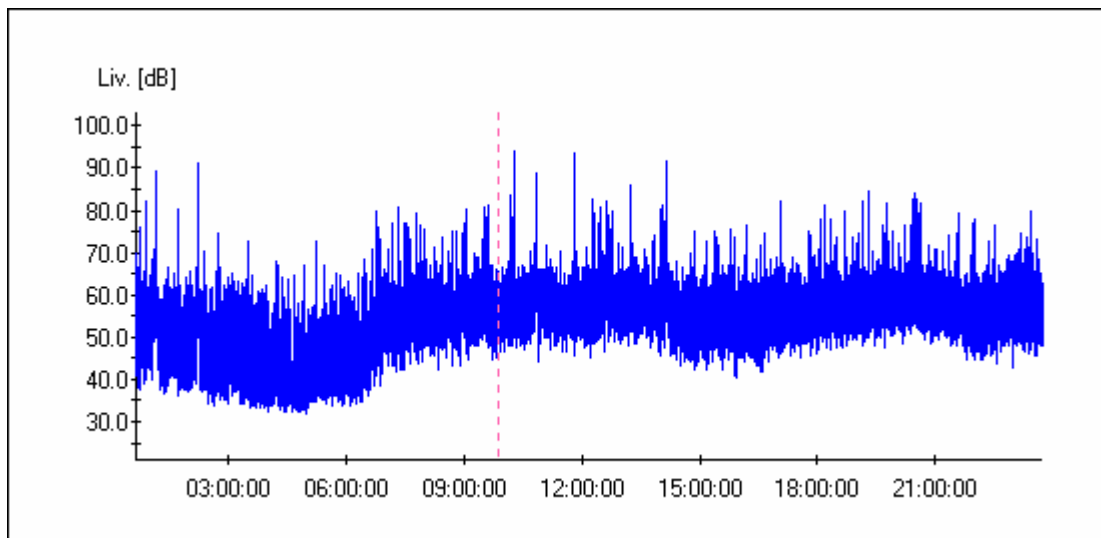
**RUNNING Leq NOTTURNO**



LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO **PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_10_S</b>	Indirizzo <b>STRADA PRIVATA PULEO</b>
<b>Descrizione del punto di misura/ricettore</b>  <p style="text-align: center;"><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla carreggiata stradale nelle immediate vicinanze della recinzione del fabbricato limitrofo</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input checked="" type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_10_S</b>	Indirizzo <b>STRADA PRIVATA PULEO</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>28/06/10</b>	<b>62.1</b>	<b>0</b>	<b>0</b>		<b>62.1</b>	<b>55</b>
Notte	22-6h	<b>28/06/10</b>	<b>61.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61.5</b>	<b>45</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_10_S</b>
Data inizio	<b>28/06/2010</b>
Ora inizio	<b>1.40.36</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>62.0</b>	<b>62.1</b>	<b>61.5</b>
L1	[dBA]	<b>70.0</b>	<b>71.0</b>	<b>66.0</b>
L5	[dBA]	<b>65.0</b>	<b>66.0</b>	<b>58.0</b>
L10	[dBA]	<b>62.0</b>	<b>63.5</b>	<b>54.0</b>
L50	[dBA]	<b>50.0</b>	<b>52.6</b>	<b>42.2</b>
L90	[dBA]	<b>39.7</b>	<b>44.3</b>	<b>35.5</b>
L95	[dBA]	<b>37.0</b>	<b>42.5</b>	<b>34.0</b>
L99	[dBA]	<b>33.0</b>	<b>39.0</b>	<b>32.0</b>
Llmax	[dBA]	<b>108.8</b>	<b>108.8</b>	<b>101.9</b>
LFmax	[dBA]	<b>105.9</b>	<b>105.9</b>	<b>98.9</b>
LSmax	[dBA]	<b>99.5</b>	<b>99.5</b>	<b>96.4</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>62.0</b>	<b>62.1</b>	<b>61.5</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011


Note:

Punto	Ricettore <b>R_10_S</b>	Indirizzo <b>STRADA PRIVATA PULEO</b>
-------	----------------------------	--

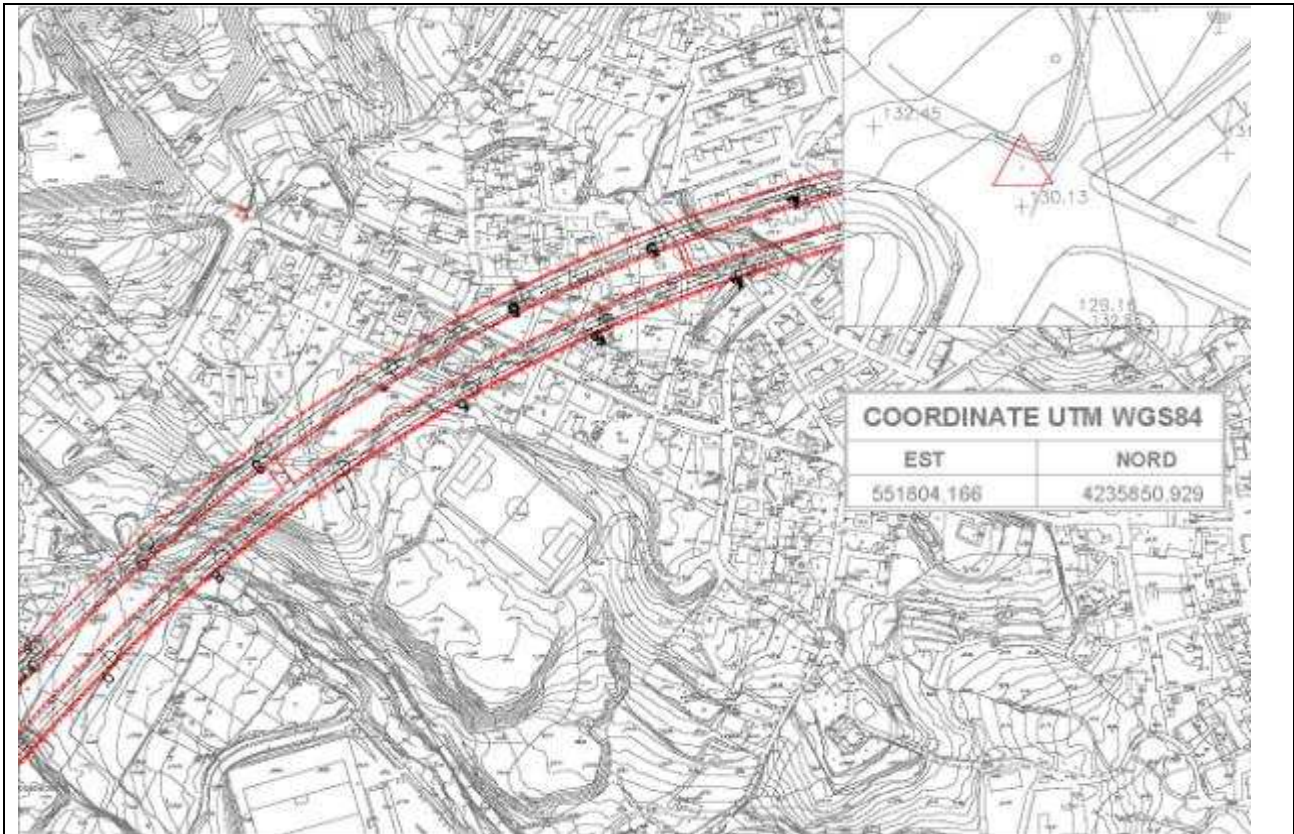
<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>28</b>	<b>30</b>	<b>32</b>	<b>23</b>	<b>28.25</b>	<b>18</b>	<b>7</b>	<b>12.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.5</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>5</b>	<b>2</b>	<b>9</b>	<b>6</b>	<b>5.5</b>	<b>6</b>	<b>4</b>	<b>5</b>
<b>Parametri meteorologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>25.6</b>	<b>28.1</b>	<b>26</b>	<b>23.6</b>	<b>25.83</b>	<b>21</b>	<b>20.9</b>	<b>20.95</b>
Umidità relativa	<b>58</b>	<b>52</b>	<b>71</b>	<b>85</b>	<b>66.5</b>	<b>82</b>	<b>82</b>	<b>82</b>
Velocità vento	<b>2.8</b>	<b>4.7</b>	<b>4.3</b>	<b>1.4</b>	<b>3.3</b>	<b>0.6</b>	<b>0.7</b>	<b>0.65</b>
Direzione vento	<b>S W</b>	<b>N W</b>	<b>N</b>	<b>N N E</b>		<b>N N W</b>	<b>N W</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_10_S</b>	<b>Indirizzo</b> <b>STRADA PRIVATA PULEO</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

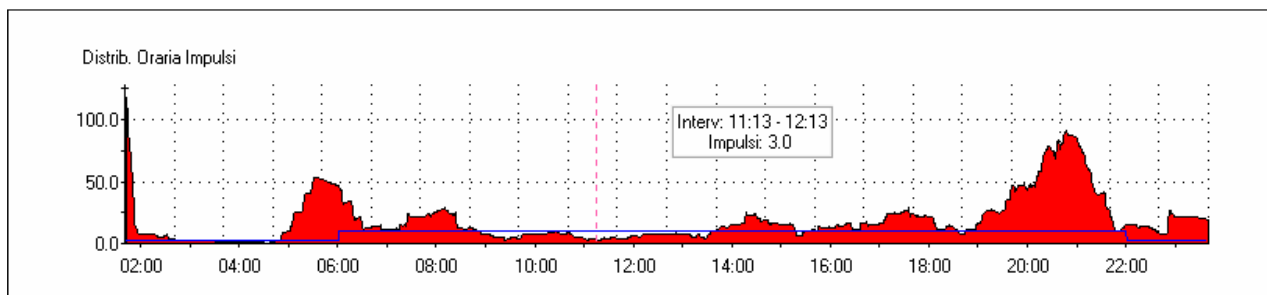
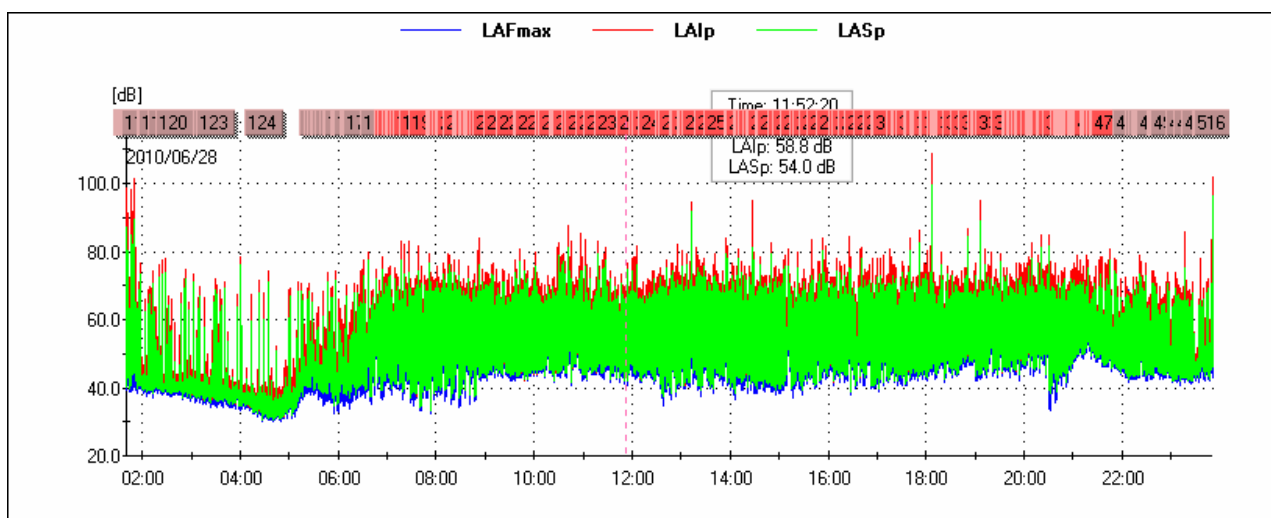
- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/28 01:40:39	0.625	95.2	11.3

2	2010/06/28 01:40:47	0.625	80.2	12.2
3	2010/06/28 01:40:50	0.625	77.8	11.2
4	2010/06/28 01:40:57	0.750	84.0	10.7
5	2010/06/28 01:41:13	0.750	61.3	11.7
6	2010/06/28 01:41:15	0.625	64.3	12.0
7	2010/06/28 01:41:16	1.000	59.0	11.1
8	2010/06/28 01:41:19	0.750	60.7	9.9
9	2010/06/28 01:41:20	0.625	56.2	9.1
10	2010/06/28 01:41:46	0.625	71.6	12.1
11	2010/06/28 01:41:50	0.750	66.7	11.8
12	2010/06/28 01:42:04	1.000	61.4	7.4
13	2010/06/28 01:42:06	0.875	56.4	6.4
14	2010/06/28 01:42:08	0.750	82.9	12.5
15	2010/06/28 01:42:08	0.750	84.6	8.7
16	2010/06/28 01:42:09	0.500	87.3	10.2
17	2010/06/28 01:42:15	1.000	69.6	11.1
18	2010/06/28 01:42:18	1.000	79.1	8.0
19	2010/06/28 01:42:23	0.875	66.1	14.8
20	2010/06/28 01:42:26	1.000	60.8	13.3
21	2010/06/28 01:42:28	0.875	64.5	8.9
22	2010/06/28 01:42:35	0.625	76.4	13.1
23	2010/06/28 01:42:44	0.625	71.4	12.9
24	2010/06/28 01:42:45	0.625	77.4	11.3
25	2010/06/28 01:42:47	0.625	83.1	12.8
26	2010/06/28 01:42:49	1.000	63.3	14.9
27	2010/06/28 01:42:52	0.500	64.4	14.4
28	2010/06/28 01:42:53	0.750	61.6	12.7
29	2010/06/28 01:42:55	0.875	67.0	9.3
30	2010/06/28 01:42:59	0.750	64.2	12.2
31	2010/06/28 01:43:05	0.875	87.6	11.1
32	2010/06/28 01:43:06	0.625	78.9	11.4
33	2010/06/28 01:43:08	0.875	74.8	12.0

34	2010/06/28 01:43:09	0.500	83.1	12.0
35	2010/06/28 01:43:17	0.625	57.0	15.2
36	2010/06/28 01:43:19	0.875	79.5	10.9
37	2010/06/28 01:44:19	0.875	55.1	8.5
38	2010/06/28 01:44:20	0.625	60.6	11.0
39	2010/06/28 01:44:46	0.750	52.1	10.5
40	2010/06/28 01:44:57	0.750	51.3	10.7
41	2010/06/28 01:45:10	0.625	65.7	10.7
42	2010/06/28 01:45:11	0.625	61.4	8.7
43	2010/06/28 01:45:17	0.625	63.9	11.9
44	2010/06/28 01:45:18	0.625	66.1	11.0
45	2010/06/28 01:45:22	0.625	60.7	10.9
46	2010/06/28 01:45:31	0.750	64.8	9.0
47	2010/06/28 01:45:34	0.875	69.1	7.5
48	2010/06/28 01:45:36	0.875	71.4	9.3
49	2010/06/28 01:45:56	1.000	62.1	8.8
50	2010/06/28 01:46:07	0.625	68.6	8.8
51	2010/06/28 01:46:15	0.875	67.1	11.0
52	2010/06/28 01:46:16	0.625	76.7	12.2
53	2010/06/28 01:46:20	0.625	81.0	12.7
54	2010/06/28 01:46:23	0.500	78.9	12.3
55	2010/06/28 01:46:33	1.000	56.9	11.1
56	2010/06/28 01:46:56	0.625	65.6	11.1
57	2010/06/28 01:47:06	0.625	72.8	12.3
58	2010/06/28 01:47:08	0.875	69.5	10.0
59	2010/06/28 01:47:14	0.625	79.6	14.4
60	2010/06/28 01:47:19	0.500	76.7	11.8
61	2010/06/28 01:47:30	0.500	81.6	13.0
62	2010/06/28 01:47:35	0.750	67.0	10.2
63	2010/06/28 01:47:36	0.625	81.0	10.2
64	2010/06/28 01:47:41	1.000	76.7	12.1
65	2010/06/28 01:47:48	0.625	74.3	11.4

66	2010/06/28 01:47:49	0.625	71.6	9.9
67	2010/06/28 01:47:54	0.875	88.4	9.8
68	2010/06/28 01:48:05	1.000	79.9	11.7
69	2010/06/28 01:48:09	0.750	84.0	12.4
70	2010/06/28 01:48:15	0.625	84.2	12.5
71	2010/06/28 01:48:15	0.750	86.8	10.2
72	2010/06/28 01:48:20	0.500	78.5	12.0
73	2010/06/28 01:48:41	1.000	61.6	9.4
74	2010/06/28 01:48:49	0.750	56.0	7.8
75	2010/06/28 01:48:52	0.625	86.9	12.4
76	2010/06/28 01:49:02	1.000	61.5	7.7
77	2010/06/28 01:49:27	0.875	60.9	8.3
78	2010/06/28 01:49:31	0.750	70.0	10.2
79	2010/06/28 01:49:33	0.750	69.6	10.8
80	2010/06/28 01:49:34	0.625	74.0	12.2
81	2010/06/28 01:49:36	0.500	72.9	10.2
82	2010/06/28 01:49:37	0.625	64.1	10.4
83	2010/06/28 01:49:39	0.875	66.5	10.0
84	2010/06/28 01:49:40	0.750	71.4	11.0
85	2010/06/28 01:49:41	0.875	58.1	10.5
86	2010/06/28 01:49:43	0.750	89.0	10.5
87	2010/06/28 01:49:46	0.875	70.3	13.1
88	2010/06/28 01:49:48	0.750	69.6	14.6
89	2010/06/28 01:49:49	0.500	62.1	14.2
90	2010/06/28 01:49:55	0.625	83.7	12.2
91	2010/06/28 01:50:03	0.875	66.7	11.9
92	2010/06/28 01:50:05	0.625	79.3	12.9
93	2010/06/28 01:50:12	1.000	60.4	9.6
94	2010/06/28 01:50:28	0.625	75.4	12.6
95	2010/06/28 01:50:43	0.625	74.9	10.9
96	2010/06/28 01:50:44	0.625	76.9	11.1
97	2010/06/28 01:50:45	1.000	74.9	8.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

98	2010/06/28 01:50:49	0.625	64.4	10.1
99	2010/06/28 01:50:51	0.750	82.2	9.9
100	2010/06/28 01:50:54	1.000	76.9	9.2
101	2010/06/28 01:50:57	0.875	58.4	10.3
102	2010/06/28 01:50:59	0.500	92.8	12.0
103	2010/06/28 01:51:01	0.625	97.5	11.9
104	2010/06/28 01:51:05	1.000	73.4	15.6
105	2010/06/28 01:51:08	0.500	72.7	16.3
106	2010/06/28 01:51:21	0.750	65.4	10.0
107	2010/06/28 01:51:31	0.625	59.1	11.2
108	2010/06/28 01:53:00	0.625	67.6	11.8
109	2010/06/28 01:53:04	0.875	53.1	11.7
110	2010/06/28 01:54:29	1.000	54.4	9.4
111	2010/06/28 01:54:42	0.750	52.9	10.9
112	2010/06/28 01:55:54	1.000	53.1	10.4
113	2010/06/28 01:58:35	0.625	62.6	12.2
114	2010/06/28 02:16:18	0.750	51.8	10.1
115	2010/06/28 02:18:18	0.750	52.5	8.9
116	2010/06/28 02:30:52	0.625	60.3	10.3
117	2010/06/28 02:31:00	0.625	59.8	10.6
118	2010/06/28 02:31:08	0.750	59.4	9.6
119	2010/06/28 02:31:13	0.750	57.9	9.2
120	2010/06/28 02:39:45	0.625	55.3	11.7
121	2010/06/28 03:26:04	0.750	53.7	9.7
122	2010/06/28 03:29:29	0.750	49.2	9.0
123	2010/06/28 03:29:31	0.750	50.0	9.1
124	2010/06/28 04:29:36	0.750	49.9	8.8
125	2010/06/28 05:35:52	0.875	59.3	6.3
126	2010/06/28 05:41:16	0.875	67.1	7.2
127	2010/06/28 05:45:03	1.000	52.5	6.5
128	2010/06/28 05:49:51	0.875	52.8	7.2
129	2010/06/28 05:49:58	0.750	53.7	8.0

130	2010/06/28 05:50:00	1.000	53.5	7.1
131	2010/06/28 05:50:01	0.750	57.9	9.3
132	2010/06/28 05:50:04	0.625	59.6	7.9
133	2010/06/28 05:50:06	0.750	59.2	8.2
134	2010/06/28 05:55:45	0.750	49.6	8.7
135	2010/06/28 06:00:22	0.750	50.0	7.8
136	2010/06/28 06:00:24	0.750	50.4	8.3
137	2010/06/28 06:00:26	1.000	49.6	8.2
138	2010/06/28 06:00:33	1.000	49.6	6.8
139	2010/06/28 06:03:39	0.750	51.5	8.2
140	2010/06/28 06:03:41	0.875	51.6	8.5
141	2010/06/28 06:03:44	0.750	51.2	7.6
142	2010/06/28 06:03:49	0.875	49.0	6.7
143	2010/06/28 06:03:51	0.750	52.7	9.3
144	2010/06/28 06:03:53	0.625	54.5	9.2
145	2010/06/28 06:03:54	0.750	55.5	8.8
146	2010/06/28 06:04:06	1.000	53.6	7.8
147	2010/06/28 06:04:22	1.000	52.3	8.9
148	2010/06/28 06:04:43	0.625	50.1	8.8
149	2010/06/28 06:05:53	0.750	51.8	8.6
150	2010/06/28 06:14:21	1.000	49.2	8.8
151	2010/06/28 06:15:51	0.875	52.4	6.8
152	2010/06/28 06:15:52	0.875	53.6	8.1
153	2010/06/28 06:15:53	0.750	53.4	8.2
154	2010/06/28 06:16:03	0.750	56.1	8.3
155	2010/06/28 06:16:07	0.750	53.2	7.5
156	2010/06/28 06:16:08	0.625	52.3	6.8
157	2010/06/28 06:16:09	0.750	53.1	7.7
158	2010/06/28 06:16:11	0.750	51.6	7.6
159	2010/06/28 06:16:16	0.750	52.8	8.1
160	2010/06/28 06:16:17	0.625	52.7	7.7
161	2010/06/28 06:16:18	0.625	51.9	7.1

162	2010/06/28 06:17:35	0.750	50.8	7.6
163	2010/06/28 06:17:53	0.875	51.4	9.4
164	2010/06/28 06:18:03	0.750	50.2	6.6
165	2010/06/28 06:18:23	0.625	61.2	10.1
166	2010/06/28 06:25:15	0.875	53.0	9.9
167	2010/06/28 06:26:29	0.500	69.0	11.9
168	2010/06/28 06:26:34	0.750	50.7	14.0
169	2010/06/28 06:26:50	0.750	63.0	11.0
170	2010/06/28 06:27:40	0.625	61.8	12.1
171	2010/06/28 06:27:52	0.500	64.6	11.9
172	2010/06/28 06:28:04	0.625	57.6	12.1
173	2010/06/28 06:28:11	0.625	51.8	8.4
174	2010/06/28 06:28:16	0.625	61.3	10.5
175	2010/06/28 06:28:48	0.625	68.4	10.4
176	2010/06/28 06:28:54	0.625	71.2	11.0
177	2010/06/28 06:29:07	0.500	64.3	12.7
178	2010/06/28 06:50:49	0.625	63.5	11.2
179	2010/06/28 06:50:51	1.000	57.3	9.7
180	2010/06/28 06:50:55	0.750	60.5	9.4
181	2010/06/28 06:50:56	0.750	61.3	9.7
182	2010/06/28 07:06:55	1.000	53.4	8.8
183	2010/06/28 07:10:54	1.000	70.3	10.2
184	2010/06/28 07:16:42	0.750	71.8	8.6
185	2010/06/28 07:20:15	0.875	79.9	8.5
186	2010/06/28 07:23:35	0.625	65.3	10.9
187	2010/06/28 07:23:37	0.625	68.8	11.4
188	2010/06/28 07:26:37	0.750	80.9	9.3
189	2010/06/28 07:26:40	1.000	64.0	11.3
190	2010/06/28 07:30:50	0.625	66.0	10.2
191	2010/06/28 07:39:02	0.750	64.7	9.6
192	2010/06/28 07:49:06	0.750	56.8	10.1
193	2010/06/28 07:50:22	0.750	50.5	9.2

194	2010/06/28 08:09:43	1.000	55.4	9.1
195	2010/06/28 08:09:53	0.625	57.2	10.3
196	2010/06/28 08:13:05	0.750	58.2	10.1
197	2010/06/28 08:13:18	0.625	56.0	9.5
198	2010/06/28 08:13:56	1.000	57.4	10.0
199	2010/06/28 08:18:03	0.750	51.8	8.6
200	2010/06/28 08:22:22	0.875	54.9	8.6
201	2010/06/28 08:22:45	0.625	54.1	6.2
202	2010/06/28 08:22:49	0.875	53.3	8.2
203	2010/06/28 08:22:55	0.750	54.3	7.4
204	2010/06/28 08:22:55	0.625	54.0	7.3
205	2010/06/28 08:22:59	0.750	55.2	7.9
206	2010/06/28 08:23:01	0.750	54.0	8.3
207	2010/06/28 08:23:03	0.750	55.4	8.3
208	2010/06/28 08:23:05	0.750	50.9	7.8
209	2010/06/28 08:23:06	0.625	55.0	8.7
210	2010/06/28 08:23:07	0.625	57.2	9.6
211	2010/06/28 08:23:09	0.625	57.9	7.2
212	2010/06/28 08:23:32	1.000	56.0	7.8
213	2010/06/28 08:30:53	0.625	63.1	10.7
214	2010/06/28 08:43:44	0.750	60.0	9.3
215	2010/06/28 08:45:09	0.750	63.6	9.0
216	2010/06/28 08:47:49	0.500	61.1	12.1
217	2010/06/28 08:51:27	0.500	76.3	12.0
218	2010/06/28 08:52:02	0.750	81.9	7.9
219	2010/06/28 08:55:42	0.875	70.3	10.6
220	2010/06/28 08:59:04	0.625	59.4	11.2
221	2010/06/28 08:59:33	0.625	69.9	12.0
222	2010/06/28 09:04:23	0.625	68.9	11.0
223	2010/06/28 09:07:47	0.625	59.9	9.5
224	2010/06/28 09:21:23	0.625	62.2	10.4
225	2010/06/28 09:21:24	0.625	63.8	10.3



226	2010/06/28 09:36:10	0.750	60.8	9.7
227	2010/06/28 09:56:59	0.750	58.0	10.1
228	2010/06/28 09:59:58	1.000	67.7	6.7
229	2010/06/28 10:24:57	0.625	67.9	12.4
230	2010/06/28 10:28:59	0.875	76.8	12.6
231	2010/06/28 10:41:16	0.875	86.8	6.2
232	2010/06/28 10:43:25	1.000	64.1	7.3
233	2010/06/28 10:43:36	0.750	76.0	9.4
234	2010/06/28 10:45:15	0.625	79.0	11.7
235	2010/06/28 10:57:17	0.750	81.8	10.9
236	2010/06/28 11:01:35	1.000	60.1	6.1
237	2010/06/28 11:13:52	0.875	57.2	9.4
238	2010/06/28 11:23:56	0.875	73.4	7.2
239	2010/06/28 11:37:14	0.875	63.3	9.3
240	2010/06/28 12:03:36	0.875	74.7	10.6
241	2010/06/28 12:19:12	0.875	68.9	7.7
242	2010/06/28 12:22:04	0.875	70.0	7.5
243	2010/06/28 12:30:44	0.750	60.0	10.8
244	2010/06/28 12:51:49	0.750	55.6	8.1
245	2010/06/28 12:55:43	0.625	79.2	10.4
246	2010/06/28 13:07:56	0.875	55.6	9.6
247	2010/06/28 13:09:48	0.625	72.9	12.1
248	2010/06/28 13:19:14	0.750	79.2	8.4
249	2010/06/28 13:19:19	0.750	67.5	9.6
250	2010/06/28 13:24:01	0.750	54.7	9.8
251	2010/06/28 13:40:19	0.750	66.7	8.9
252	2010/06/28 13:50:59	0.875	54.8	10.6
253	2010/06/28 14:16:13	0.750	63.3	9.8
254	2010/06/28 14:16:55	0.625	55.7	10.2
255	2010/06/28 14:27:34	0.500	89.9	13.7
256	2010/06/28 14:28:56	0.625	72.6	11.9
257	2010/06/28 14:29:26	0.875	67.8	8.8

258	2010/06/28 14:29:28	0.750	59.1	8.4
259	2010/06/28 14:33:05	0.750	58.1	9.8
260	2010/06/28 14:33:35	0.750	62.6	9.1
261	2010/06/28 14:39:26	0.500	62.1	11.2
262	2010/06/28 14:42:04	0.750	56.3	10.0
263	2010/06/28 14:42:28	0.750	58.2	10.2
264	2010/06/28 14:42:34	0.750	56.8	10.7
265	2010/06/28 14:44:33	0.625	56.7	10.8
266	2010/06/28 14:54:26	0.625	60.2	9.8
267	2010/06/28 14:56:25	1.000	54.9	6.4
268	2010/06/28 15:09:20	0.750	63.9	8.8
269	2010/06/28 15:14:50	0.625	53.3	8.5
270	2010/06/28 15:14:56	0.500	65.5	12.1
271	2010/06/28 15:15:14	0.625	56.8	11.1
272	2010/06/28 15:15:17	0.750	52.5	8.8
273	2010/06/28 15:15:18	0.625	55.1	11.5
274	2010/06/28 15:15:19	0.625	55.3	9.3
275	2010/06/28 15:15:20	0.625	57.1	9.7
276	2010/06/28 15:15:21	0.500	58.2	9.6
277	2010/06/28 15:15:21	0.625	59.0	9.9
278	2010/06/28 15:15:22	0.625	56.9	9.3
279	2010/06/28 15:25:03	0.750	62.2	10.2
280	2010/06/28 15:35:14	0.625	56.8	9.3
281	2010/06/28 15:39:21	0.625	80.7	10.2
282	2010/06/28 15:46:48	0.625	73.3	11.2
283	2010/06/28 15:56:47	0.625	78.3	11.3
284	2010/06/28 16:08:50	0.750	63.8	11.0
285	2010/06/28 16:24:03	0.625	70.8	10.3
286	2010/06/28 16:24:05	0.625	62.9	10.1
287	2010/06/28 16:24:17	0.625	58.1	9.8
288	2010/06/28 16:24:34	0.750	60.2	10.8
289	2010/06/28 16:26:39	0.750	65.0	10.0

290	2010/06/28 16:34:55	0.750	60.0	9.9
291	2010/06/28 16:35:05	0.625	61.8	9.9
292	2010/06/28 16:43:04	0.875	59.0	8.4
293	2010/06/28 16:43:07	0.625	62.8	10.6
294	2010/06/28 16:43:31	0.625	57.2	10.7
295	2010/06/28 16:43:35	0.625	60.6	10.2
296	2010/06/28 16:55:11	0.500	73.6	12.3
297	2010/06/28 17:05:49	1.000	68.5	7.8
298	2010/06/28 17:05:55	1.000	66.4	7.6
299	2010/06/28 17:14:46	0.625	78.2	10.6
300	2010/06/28 17:17:00	0.625	74.1	12.2
301	2010/06/28 17:34:24	1.000	57.0	10.4
302	2010/06/28 17:34:25	0.875	57.7	8.5
303	2010/06/28 17:34:26	0.625	58.3	8.9
304	2010/06/28 17:34:27	0.750	56.7	8.5
305	2010/06/28 17:34:30	0.750	54.4	9.3
306	2010/06/28 17:34:39	1.000	55.3	10.7
307	2010/06/28 17:34:51	0.875	53.0	7.8
308	2010/06/28 17:40:19	0.750	52.8	9.3
309	2010/06/28 17:42:57	0.625	68.6	10.0
310	2010/06/28 17:45:13	0.875	65.2	7.0
311	2010/06/28 17:55:34	0.750	70.8	10.1
312	2010/06/28 17:57:14	0.625	69.5	9.1
313	2010/06/28 18:02:53	0.625	61.3	11.4
314	2010/06/28 18:03:11	1.000	61.2	9.5
315	2010/06/28 18:04:32	0.625	60.6	10.5
316	2010/06/28 18:04:36	1.000	70.1	9.5
317	2010/06/28 18:04:39	0.625	69.9	9.3
318	2010/06/28 18:06:29	1.000	74.5	6.7
319	2010/06/28 18:06:52	1.000	64.8	8.5
320	2010/06/28 18:07:02	0.875	65.6	6.8
321	2010/06/28 18:07:38	0.875	60.0	8.9

322	2010/06/28 18:07:40	0.875	66.1	7.6
323	2010/06/28 18:14:04	0.625	63.4	10.6
324	2010/06/28 18:16:37	0.625	68.9	11.5
325	2010/06/28 18:24:48	0.875	62.5	6.7
326	2010/06/28 18:28:57	0.750	67.7	11.4
327	2010/06/28 18:29:01	0.625	67.8	11.6
328	2010/06/28 18:32:10	0.625	68.6	10.6
329	2010/06/28 18:33:59	1.000	58.8	6.7
330	2010/06/28 18:35:05	0.875	70.3	7.3
331	2010/06/28 18:35:39	0.875	65.8	11.6
332	2010/06/28 18:43:20	0.625	70.8	9.0
333	2010/06/28 18:52:37	0.625	69.3	8.6
334	2010/06/28 19:01:54	1.000	65.4	11.0
335	2010/06/28 19:14:32	0.750	56.4	10.4
336	2010/06/28 19:17:31	0.875	73.1	8.0
337	2010/06/28 19:18:36	0.750	72.5	10.7
338	2010/06/28 19:19:58	0.625	77.3	9.7
339	2010/06/28 19:23:48	0.750	65.3	8.5
340	2010/06/28 19:42:48	0.750	57.5	8.6
341	2010/06/28 19:42:50	0.875	57.6	8.1
342	2010/06/28 19:43:06	0.750	58.2	8.2
343	2010/06/28 19:43:11	1.000	58.1	8.8
344	2010/06/28 19:43:15	0.750	57.3	9.1
345	2010/06/28 19:55:17	0.875	67.3	10.3
346	2010/06/28 19:55:20	1.000	67.6	7.0
347	2010/06/28 19:55:26	0.875	71.6	9.0
348	2010/06/28 19:55:42	0.750	67.9	9.2
349	2010/06/28 19:57:08	0.750	70.5	9.9
350	2010/06/28 19:58:33	0.750	68.0	9.2
351	2010/06/28 20:01:32	0.625	72.9	9.7
352	2010/06/28 20:02:24	1.000	69.0	7.3
353	2010/06/28 20:02:29	1.000	69.7	7.8

354	2010/06/28 20:03:29	1.000	70.8	8.3
355	2010/06/28 20:03:41	1.000	74.7	9.1
356	2010/06/28 20:03:44	0.750	70.6	9.1
357	2010/06/28 20:03:46	0.625	70.0	8.0
358	2010/06/28 20:03:46	0.625	71.1	7.7
359	2010/06/28 20:04:24	1.000	68.6	7.1
360	2010/06/28 20:06:51	1.000	65.5	6.7
361	2010/06/28 20:07:42	0.750	69.9	9.7
362	2010/06/28 20:10:42	0.625	64.7	11.7
363	2010/06/28 20:13:46	0.625	70.4	8.8
364	2010/06/28 20:18:05	1.000	73.3	7.3
365	2010/06/28 20:25:11	0.875	69.3	7.1
366	2010/06/28 20:26:52	0.875	73.4	6.8
367	2010/06/28 20:27:59	1.000	66.5	12.3
368	2010/06/28 20:30:55	1.000	72.2	9.1
369	2010/06/28 20:31:04	0.625	70.6	9.8
370	2010/06/28 20:31:06	0.500	53.6	11.1
371	2010/06/28 20:31:08	0.750	54.5	11.8
372	2010/06/28 20:31:16	0.750	55.1	10.2
373	2010/06/28 20:31:29	0.875	49.7	9.6
374	2010/06/28 20:31:34	1.000	74.2	9.0
375	2010/06/28 20:32:23	0.625	70.3	6.2
376	2010/06/28 20:37:12	1.000	53.2	11.0
377	2010/06/28 20:37:15	0.625	58.6	11.9
378	2010/06/28 20:37:16	0.750	65.2	11.8
379	2010/06/28 20:37:27	0.625	61.2	11.4
380	2010/06/28 20:37:31	0.750	68.8	9.8
381	2010/06/28 20:37:34	0.625	71.9	10.0
382	2010/06/28 20:38:14	0.750	67.6	8.9
383	2010/06/28 20:38:21	0.750	58.0	8.4
384	2010/06/28 20:38:26	0.875	74.1	8.1
385	2010/06/28 20:38:29	0.750	70.8	9.5

386	2010/06/28 20:38:51	0.875	73.4	7.3
387	2010/06/28 20:39:35	0.750	52.6	8.3
388	2010/06/28 20:44:54	1.000	72.7	6.7
389	2010/06/28 20:46:03	0.875	69.6	8.3
390	2010/06/28 20:46:24	0.750	69.4	10.2
391	2010/06/28 20:46:26	1.000	58.0	10.8
392	2010/06/28 20:46:32	0.875	69.7	8.3
393	2010/06/28 20:54:34	0.875	68.8	7.9
394	2010/06/28 20:58:49	0.750	64.6	6.4
395	2010/06/28 20:59:37	0.625	71.9	9.9
396	2010/06/28 20:59:54	0.750	69.2	11.8
397	2010/06/28 21:00:51	0.875	74.6	7.2
398	2010/06/28 21:00:58	0.625	67.2	11.1
399	2010/06/28 21:01:26	0.875	72.9	8.9
400	2010/06/28 21:01:54	0.875	73.5	8.2
401	2010/06/28 21:03:14	0.750	69.0	7.2
402	2010/06/28 21:03:36	1.000	72.5	9.5
403	2010/06/28 21:03:39	0.750	71.7	8.5
404	2010/06/28 21:03:48	1.000	69.5	6.9
405	2010/06/28 21:04:06	0.750	70.5	6.1
406	2010/06/28 21:04:44	0.750	65.9	8.5
407	2010/06/28 21:07:38	0.750	71.6	7.1
408	2010/06/28 21:07:45	1.000	69.9	6.6
409	2010/06/28 21:07:48	0.875	73.4	9.5
410	2010/06/28 21:08:13	1.000	72.7	8.8
411	2010/06/28 21:08:15	0.750	70.9	6.5
412	2010/06/28 21:08:31	0.750	72.5	6.5
413	2010/06/28 21:08:36	1.000	75.2	8.3
414	2010/06/28 21:09:09	0.875	75.1	8.6
415	2010/06/28 21:09:10	0.625	72.4	7.3
416	2010/06/28 21:09:54	0.750	70.1	9.7
417	2010/06/28 21:11:38	0.750	65.8	8.4

418	2010/06/28 21:11:41	1.000	73.3	6.9
419	2010/06/28 21:11:46	1.000	73.0	8.9
420	2010/06/28 21:11:48	0.750	70.4	8.2
421	2010/06/28 21:13:10	0.750	68.7	6.3
422	2010/06/28 21:15:54	0.625	71.5	9.2
423	2010/06/28 21:15:56	0.625	76.1	10.4
424	2010/06/28 21:15:59	0.750	70.5	6.6
425	2010/06/28 21:16:00	0.750	69.1	6.4
426	2010/06/28 21:16:05	1.000	70.8	8.8
427	2010/06/28 21:16:12	0.750	71.4	8.7
428	2010/06/28 21:16:14	0.750	71.9	8.1
429	2010/06/28 21:16:17	0.750	74.0	9.6
430	2010/06/28 21:16:30	0.875	69.8	6.6
431	2010/06/28 21:16:35	1.000	74.8	9.5
432	2010/06/28 21:16:48	0.875	71.5	8.9
433	2010/06/28 21:17:12	1.000	73.4	7.9
434	2010/06/28 21:18:31	1.000	70.6	8.7
435	2010/06/28 21:18:41	0.750	69.4	9.5
436	2010/06/28 21:18:55	0.875	67.7	10.1
437	2010/06/28 21:19:53	1.000	65.6	10.0
438	2010/06/28 21:20:16	0.625	69.8	10.0
439	2010/06/28 21:20:19	0.875	65.0	7.5
440	2010/06/28 21:21:40	0.750	64.4	7.8
441	2010/06/28 21:23:14	0.750	63.5	9.6
442	2010/06/28 21:23:29	0.750	63.1	9.7
443	2010/06/28 21:31:35	0.750	73.6	9.3
444	2010/06/28 21:33:08	1.000	71.7	9.7
445	2010/06/28 21:33:19	1.000	74.0	8.8
446	2010/06/28 21:33:41	1.000	70.9	7.1
447	2010/06/28 21:33:44	0.875	74.1	9.5
448	2010/06/28 21:33:48	1.000	71.0	8.5
449	2010/06/28 21:33:50	0.625	71.3	8.0

450	2010/06/28 21:33:51	0.625	74.6	9.0
451	2010/06/28 21:33:53	0.625	71.3	8.1
452	2010/06/28 21:33:54	0.750	70.3	6.9
453	2010/06/28 21:33:55	0.750	72.0	8.7
454	2010/06/28 21:34:45	1.000	73.4	8.4
455	2010/06/28 21:34:46	0.750	75.0	9.2
456	2010/06/28 21:34:49	0.750	69.2	8.6
457	2010/06/28 21:34:56	1.000	73.6	7.9
458	2010/06/28 21:35:01	1.000	70.3	8.1
459	2010/06/28 21:35:10	0.625	73.2	9.6
460	2010/06/28 21:38:42	1.000	69.9	8.9
461	2010/06/28 21:38:52	0.875	73.9	9.6
462	2010/06/28 21:38:53	0.750	71.2	8.0
463	2010/06/28 21:39:10	1.000	74.6	8.6
464	2010/06/28 21:39:18	1.000	70.0	9.3
465	2010/06/28 21:39:19	0.625	69.0	7.7
466	2010/06/28 21:39:33	1.000	74.0	7.6
467	2010/06/28 21:39:57	0.750	67.1	9.3
468	2010/06/28 21:39:58	0.750	68.5	6.8
469	2010/06/28 21:42:06	0.750	69.2	9.5
470	2010/06/28 21:42:07	0.625	72.2	9.5
471	2010/06/28 21:42:45	1.000	70.5	8.4
472	2010/06/28 21:42:46	0.875	74.5	8.4
473	2010/06/28 21:42:58	1.000	74.4	8.5
474	2010/06/28 21:43:07	1.000	75.0	7.2
475	2010/06/28 21:43:08	0.625	73.1	8.3
476	2010/06/28 21:43:10	0.875	70.1	6.9
477	2010/06/28 21:43:34	0.750	65.0	11.0
478	2010/06/28 21:44:46	0.875	59.9	9.6
479	2010/06/28 21:45:06	0.750	61.1	8.0
480	2010/06/28 22:12:01	0.625	65.0	9.9
481	2010/06/28 22:12:30	0.875	54.0	8.5



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

482	2010/06/28 22:26:27	1.000	56.4	6.5
483	2010/06/28 22:26:30	0.625	61.6	9.5
484	2010/06/28 22:30:41	0.750	57.8	8.1
485	2010/06/28 22:33:45	0.750	58.6	8.8
486	2010/06/28 22:35:22	0.750	61.3	9.9
487	2010/06/28 22:35:59	1.000	58.5	8.4
488	2010/06/28 22:38:42	0.750	59.5	7.9
489	2010/06/28 22:39:54	0.875	58.7	8.0
490	2010/06/28 22:52:59	0.875	57.4	8.3
491	2010/06/28 22:53:32	0.750	55.3	10.2
492	2010/06/28 22:53:38	0.750	57.9	10.5
493	2010/06/28 22:56:29	0.875	63.4	7.8
494	2010/06/28 22:57:02	1.000	65.1	11.9
495	2010/06/28 23:15:57	0.625	82.8	10.5
496	2010/06/28 23:26:14	0.625	62.3	12.0
497	2010/06/28 23:36:26	0.500	73.8	12.3
498	2010/06/28 23:48:46	0.875	63.8	9.8
499	2010/06/28 23:49:09	0.750	62.9	12.6
500	2010/06/28 23:49:11	0.625	69.3	10.1
501	2010/06/28 23:49:15	0.875	62.5	11.1
502	2010/06/28 23:49:21	0.625	75.5	13.3
503	2010/06/28 23:49:22	1.000	62.6	13.7
504	2010/06/28 23:49:23	0.500	68.1	10.6
505	2010/06/28 23:49:27	0.500	79.1	13.3
506	2010/06/28 23:49:30	0.625	64.6	14.4
507	2010/06/28 23:49:45	0.625	63.0	12.4
508	2010/06/28 23:50:05	1.000	66.9	9.2
509	2010/06/28 23:50:29	0.625	98.9	11.0
510	2010/06/28 23:50:43	1.000	57.8	6.9
511	2010/06/28 23:50:45	0.500	60.8	9.3
512	2010/06/28 23:50:47	0.750	73.6	11.2
513	2010/06/28 23:50:49	0.625	67.6	10.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

514	2010/06/28 23:50:50	0.875	61.8	10.4
515	2010/06/28 23:50:52	0.625	70.2	10.1
516	2010/06/28 23:50:56	0.625	59.5	9.0

### RICONOSCIMENTO COMPONENTI TONALI

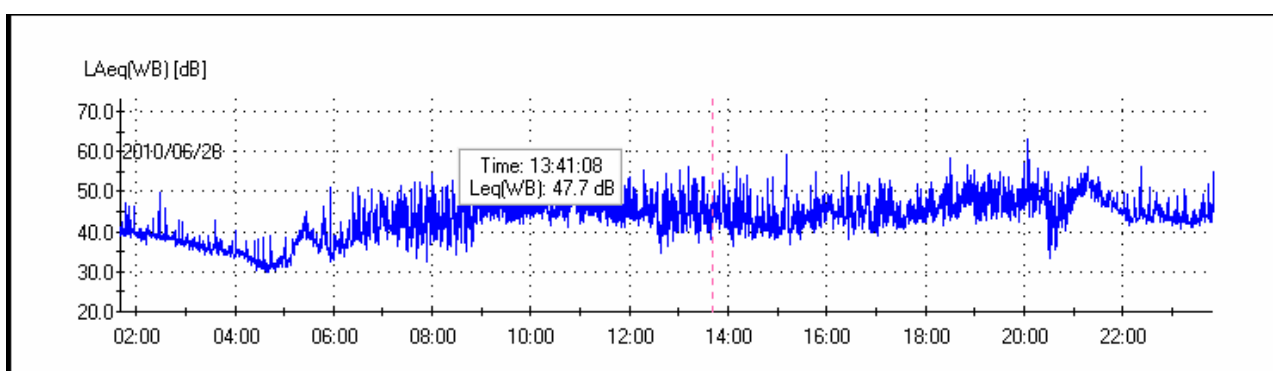
Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



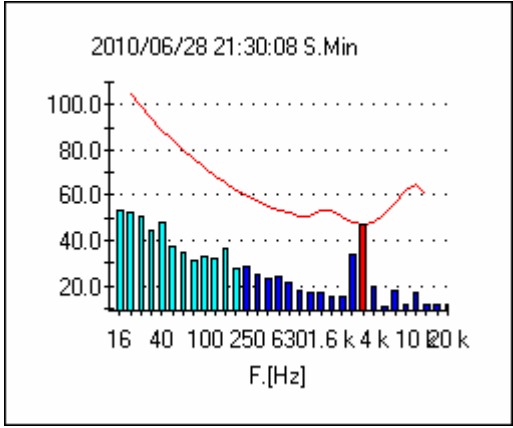
<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 160	0.1
Freq: 250	0.0
Freq: 315	0.2
Freq: 500	3.0
Freq: 630	0.1
Freq: 800	0.0
Freq: 1 k	0.7
Freq: 1.25 k	0.0
Freq: 2 k	0.1
Freq: 2.5 k	0.1
Freq: 3.15 k	19.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

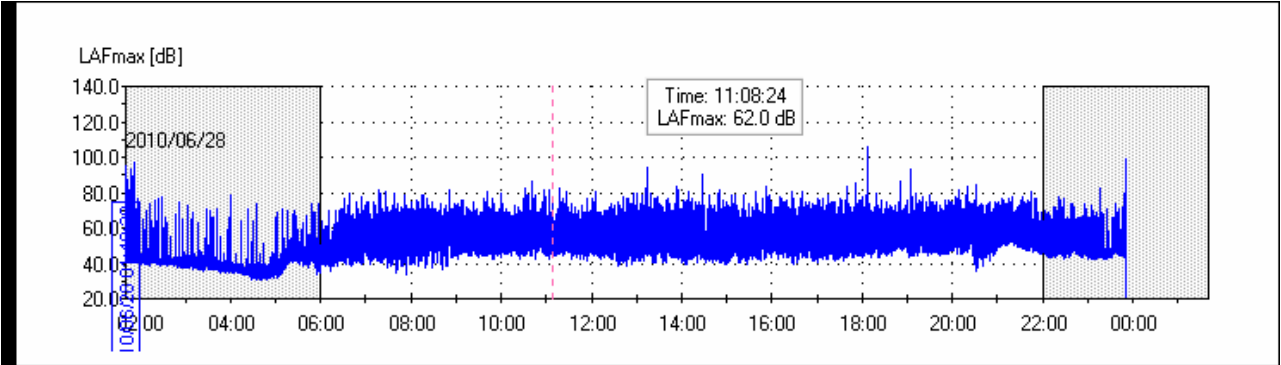
Freq: 4 k	0.1
Freq: 5 k	0.2
Freq: 6.3 k	0.0
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

TIME ISTORY COMPONENTI TONALI

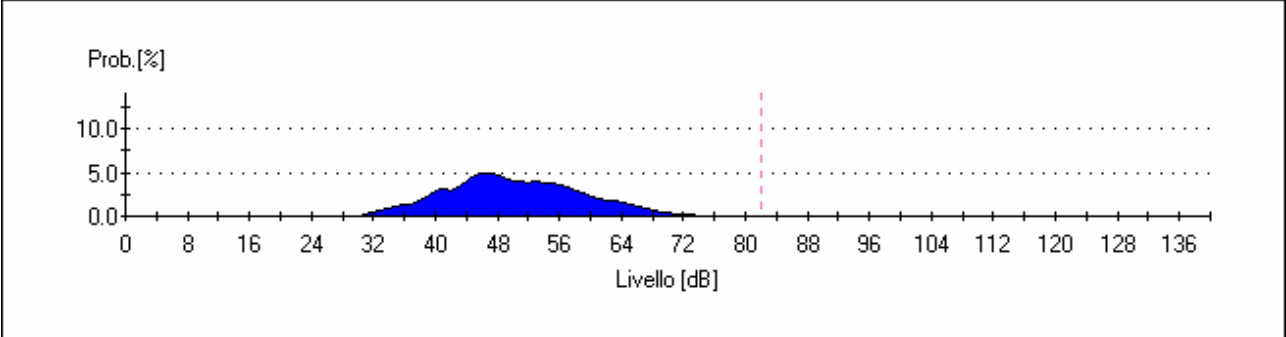
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



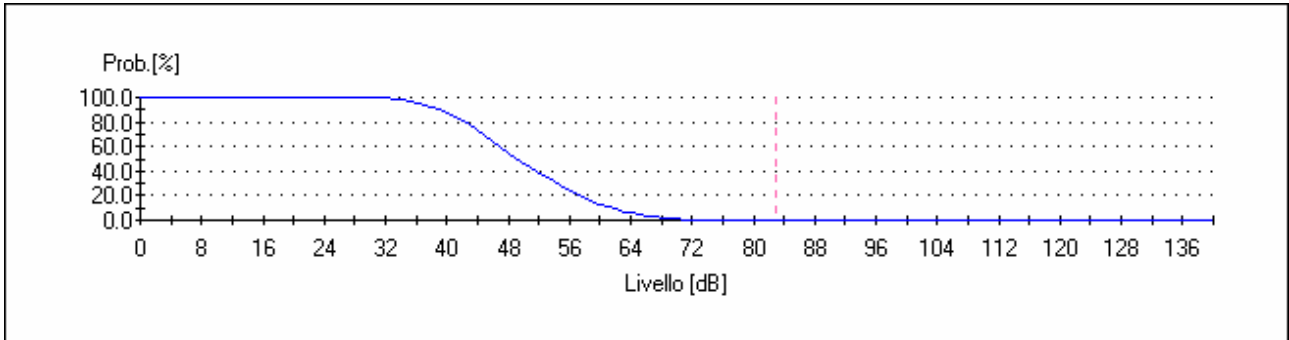
**IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



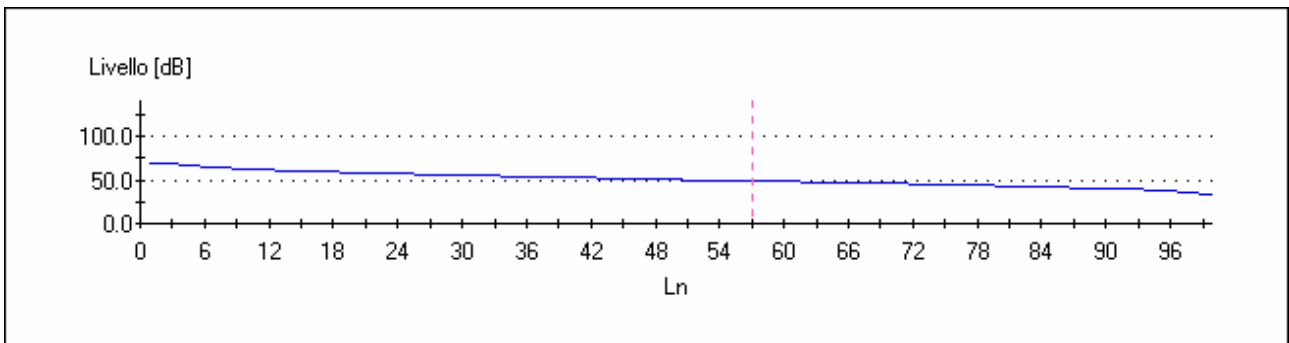
**DISTRIBUTIVA**



**CUMULATIVA**



**GRAFICO PERCENTILI**



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
------------	----------

0	70.0
1	70.0
2	68.0
3	67.0
4	66.0
5	65.0
6	64.5
7	64.0
8	63.0
9	62.5
10	62.0
11	61.5
12	61.0
13	60.5
14	60.0
15	59.7
16	59.3
17	59.0
18	58.7
19	58.3
20	58.0
21	57.7
22	57.3
23	57.0
24	56.8
25	56.5
26	56.3
27	56.0
28	55.7
29	55.3
30	55.0
31	54.8

32	54.5
33	54.3
34	54.0
35	53.8
36	53.5
37	53.3
38	53.0
39	52.8
40	52.5
41	52.3
42	52.0
43	51.8
44	51.5
45	51.3
46	51.0
47	50.8
48	50.5
49	50.3
50	50.0
51	49.8
52	49.5
53	49.3
54	49.0
55	48.8
56	48.6
57	48.4
58	48.2
59	48.0
60	47.8
61	47.6
62	47.4
63	47.2



64	47.0
65	46.8
66	46.5
67	46.3
68	46.0
69	45.8
70	45.6
71	45.4
72	45.2
73	45.0
74	44.8
75	44.5
76	44.3
77	44.0
78	43.7
79	43.3
80	43.0
81	42.7
82	42.3
83	42.0
84	41.7
85	41.3
86	41.0
87	40.7
88	40.3
89	40.0
90	39.7
91	39.3
92	39.0
93	38.5
94	38.0
95	37.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

96	36.0
97	35.0
98	34.0
<b>99</b>	<b>33.0</b>

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	71.0
<b>1</b>	<b>71.0</b>
2	69.0
3	68.0
4	67.0
<b>5</b>	<b>66.0</b>
6	65.5
7	65.0
8	64.5
9	64.0
<b>10</b>	<b>63.5</b>
11	63.0
12	62.5
13	62.0
14	61.7
15	61.3
16	61.0
17	60.7
18	60.3
19	60.0
20	59.7
21	59.3
22	59.0
23	58.8

24	58.5
25	58.3
26	58.0
27	57.8
28	57.5
29	57.3
30	57.0
31	56.8
32	56.5
33	56.3
34	56.0
35	55.8
36	55.6
37	55.4
38	55.2
39	55.0
40	54.8
41	54.6
42	54.4
43	54.2
44	54.0
45	53.8
46	53.5
47	53.3
48	53.0
49	52.8
50	52.6
51	52.4
52	52.2
53	52.0
54	51.8
55	51.6

56	51.4
57	51.2
58	51.0
59	50.8
60	50.6
61	50.4
62	50.2
63	50.0
64	49.8
65	49.6
66	49.4
67	49.2
68	49.0
69	48.8
70	48.6
71	48.4
72	48.2
73	48.0
74	47.8
75	47.6
76	47.4
77	47.2
78	47.0
79	46.8
80	46.6
81	46.4
82	46.2
83	46.0
84	45.8
85	45.5
86	45.3
87	45.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

88	44.8
89	44.5
90	44.3
91	44.0
92	43.7
93	43.3
94	43.0
95	42.5
96	42.0
97	41.0
98	40.0
99	39.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	66.0
1	66.0
2	63.0
3	61.0
4	59.0
5	58.0
6	57.0
7	56.0
8	55.5
9	55.0
10	54.0
11	53.5
12	53.0
13	52.5
14	52.0
15	51.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

16	50.5
17	50.0
18	49.7
19	49.3
20	49.0
21	48.7
22	48.3
23	48.0
24	47.8
25	47.5
26	47.3
27	47.0
28	46.8
29	46.5
30	46.3
31	46.0
32	45.8
33	45.6
34	45.4
35	45.2
36	45.0
37	44.8
38	44.7
39	44.5
40	44.3
41	44.2
42	44.0
43	43.8
44	43.5
45	43.3
46	43.0
47	42.8

48	42.6
49	42.4
50	42.2
51	42.0
52	41.9
53	41.7
54	41.6
55	41.4
56	41.3
57	41.1
58	41.0
59	40.9
60	40.8
61	40.6
62	40.5
63	40.4
64	40.3
65	40.1
66	40.0
67	39.9
68	39.7
69	39.6
70	39.4
71	39.3
72	39.1
73	39.0
74	38.8
75	38.7
76	38.5
77	38.3
78	38.2
79	38.0

80	37.8
81	37.6
82	37.4
83	37.2
84	37.0
85	36.8
86	36.5
87	36.3
88	36.0
89	35.8
90	35.5
91	35.3
92	35.0
93	34.7
94	34.3
95	34.0
96	33.5
97	33.0
98	32.5
99	32.0

LIVELLI DI IMPULS- FAST E SLOW  
MAX NELLE 24 ORE



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0 <i>Data</i> 20/06/2011

LAIp [dB]	LASp [dB]	LAFp [dB]
101,3	89,4	97,5
83,9	77,7	81,9
94,7	91,7	94
108,8	99,5	105,9
95,1	89	93,6
101,9	96,4	98,9
<b>108,8</b>	<b>99,5</b>	<b>105,9</b>

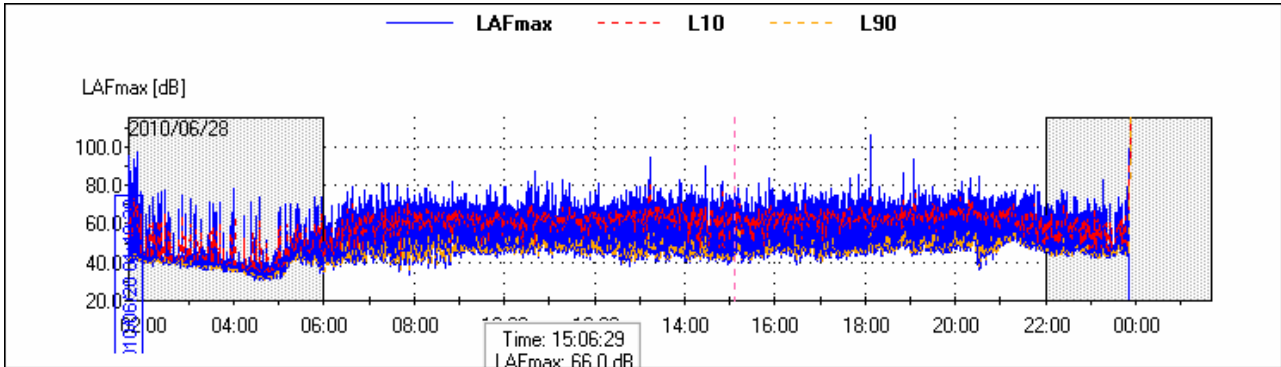
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
83,9	77,7	81,9
94,7	91,7	94
108,8	99,5	105,9
95,1	89	93,6
<b>108,8</b>	<b>99,5</b>	<b>105,9</b>

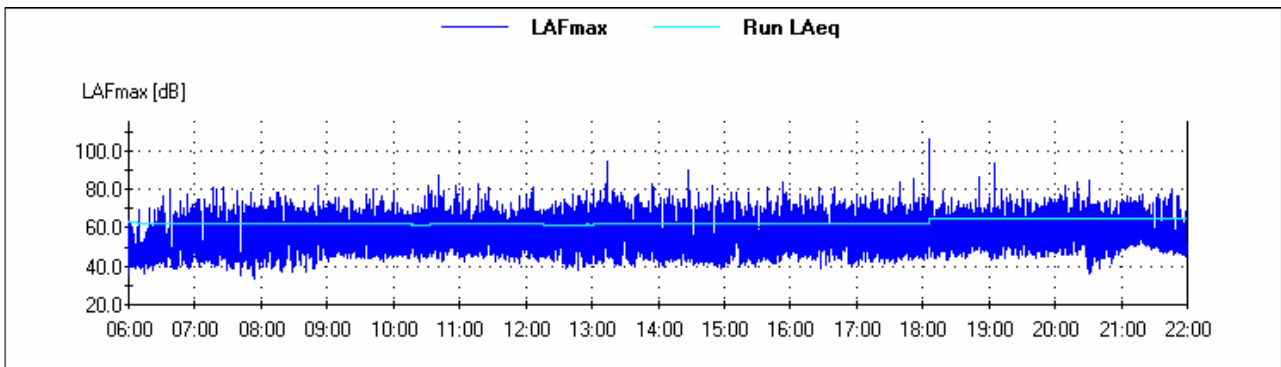
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
101,3	89,4	97,5
74,2	71,6	73,8
101,9	96,4	98,9
<b>101,9</b>	<b>96,4</b>	<b>98,9</b>

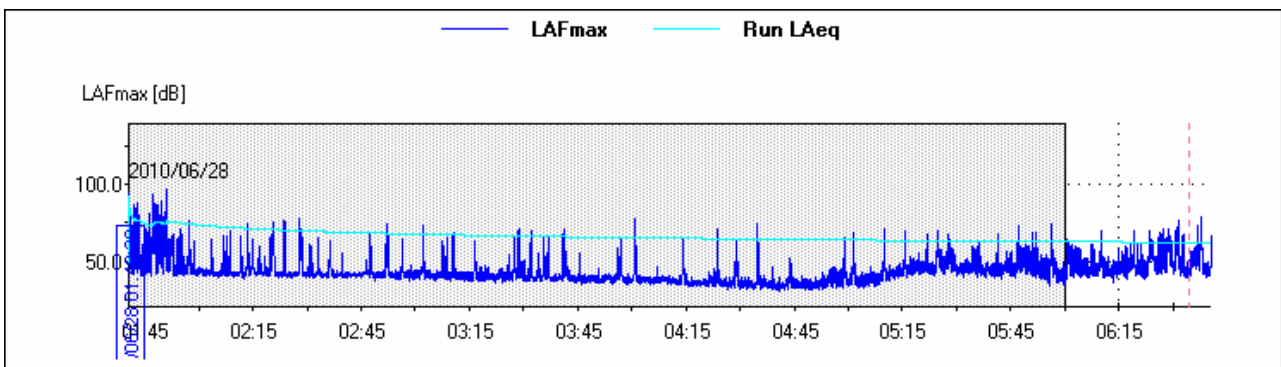
### TIME HISTORY L10 – L90



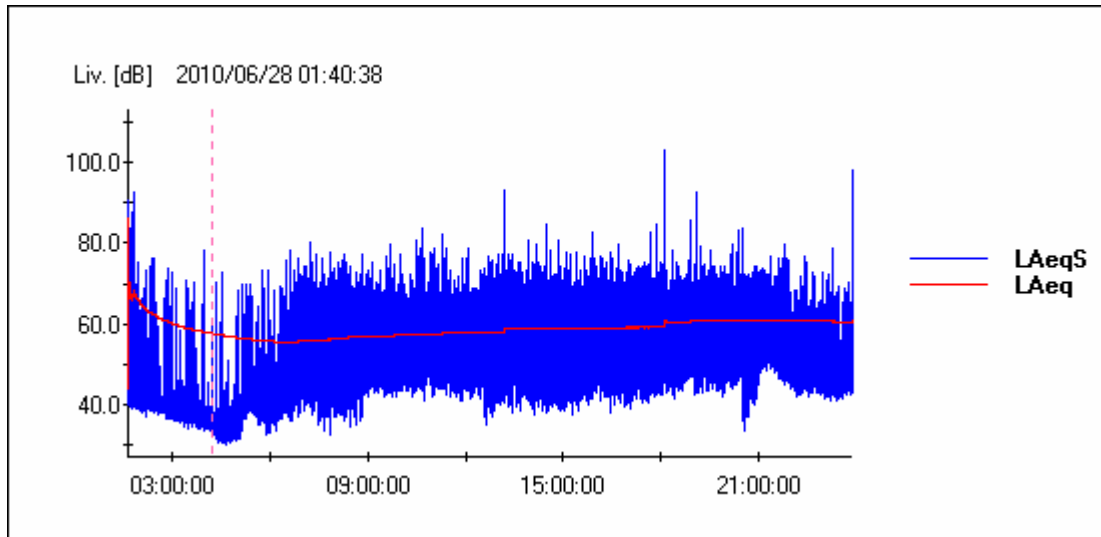
**RUNNING Leq DIURNO**



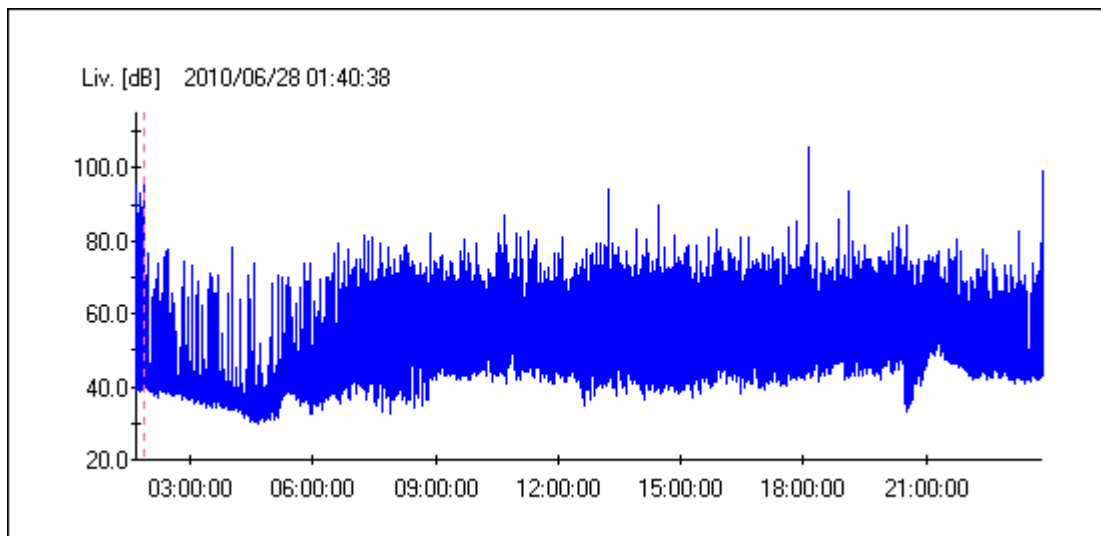
**RUNNING Leq NOTTURNO**



**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



LA TIME HISTORY LIVELLO **PRESSIONE SONORA PONDERATA "A"**



		<p align="center"><b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO</p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i> AS0105_F0.docx</p>		<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_11_S	VIA MESSINA
<b>Descrizione del punto di misura/ricettore</b>		
<b>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla carreggiata stradale ad una distanza di mt 1 dal muro di cinta</b>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_11_S</b>	Indirizzo <b>VIA MESSINA</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>29/06/10</b>	<b>67.6</b>	<b>0</b>	<b>0</b>		<b>67.6</b>	<b>60</b>
Notte	22-6h	<b>29/06/10</b>	<b>61.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61.8</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_11_S</b>
Data inizio	<b>29/06/2010</b>
Ora inizio	<b>0.32.55</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>66.4</b>	<b>67.6</b>	<b>61.8</b>
L1	[dBA]	<b>75.0</b>	<b>76.0</b>	<b>72.0</b>
L5	[dBA]	<b>71.0</b>	<b>72.0</b>	<b>66.0</b>
L10	[dBA]	<b>69.0</b>	<b>70.0</b>	<b>61.0</b>
L50	[dBA]	<b>57.8</b>	<b>50.0</b>	<b>42.8</b>
L90	[dBA]	<b>38.5</b>	<b>50.5</b>	<b>35.0</b>
L95	[dBA]	<b>36.0</b>	<b>47.0</b>	<b>33.7</b>
L99	[dBA]	<b>33.0</b>	<b>43.0</b>	<b>32.0</b>
Llmax	[dBA]	<b>108.3</b>	<b>104.6</b>	<b>108.3</b>
LFmax	[dBA]	<b>103.5</b>	<b>102.1</b>	<b>103.5</b>
LSmax	[dBA]	<b>95.4</b>	<b>95.4</b>	<b>95.0</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>66.4</b>	<b>67.6</b>	<b>61.8</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_11_S</b>	Indirizzo <b>VIA MESSINA</b>
-------	----------------------------	---------------------------------

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>57</b>	<b>56</b>	<b>58</b>	<b>66</b>	<b>59.25</b>	<b>6</b>	<b>43</b>	<b>24.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.5</b>	<b>0</b>	<b>1</b>	<b>0.5</b>
Motocicli / 10'	<b>6</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>6.25</b>	<b>5</b>	<b>9</b>	<b>7</b>
<b>Parametri meteorologici</b>								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>COPERTO</b>	
Temperatura	<b>23.6</b>	<b>26.1</b>	<b>24.2</b>	<b>21.9</b>	<b>23.95</b>	<b>19</b>	<b>21</b>	<b>20</b>
Umidità relativa	<b>72</b>	<b>65</b>	<b>75</b>	<b>82</b>	<b>73.5</b>	<b>86</b>	<b>83</b>	<b>84.5</b>
Velocità vento	<b>4.5</b>	<b>1</b>	<b>3.9</b>	<b>3.6</b>	<b>3.25</b>	<b>2.5</b>	<b>2.8</b>	<b>2.65</b>
Direzione vento	<b>N</b>	<b>N N W</b>	<b>N W</b>	<b>N N W</b>		<b>N N W</b>	<b>N</b>	

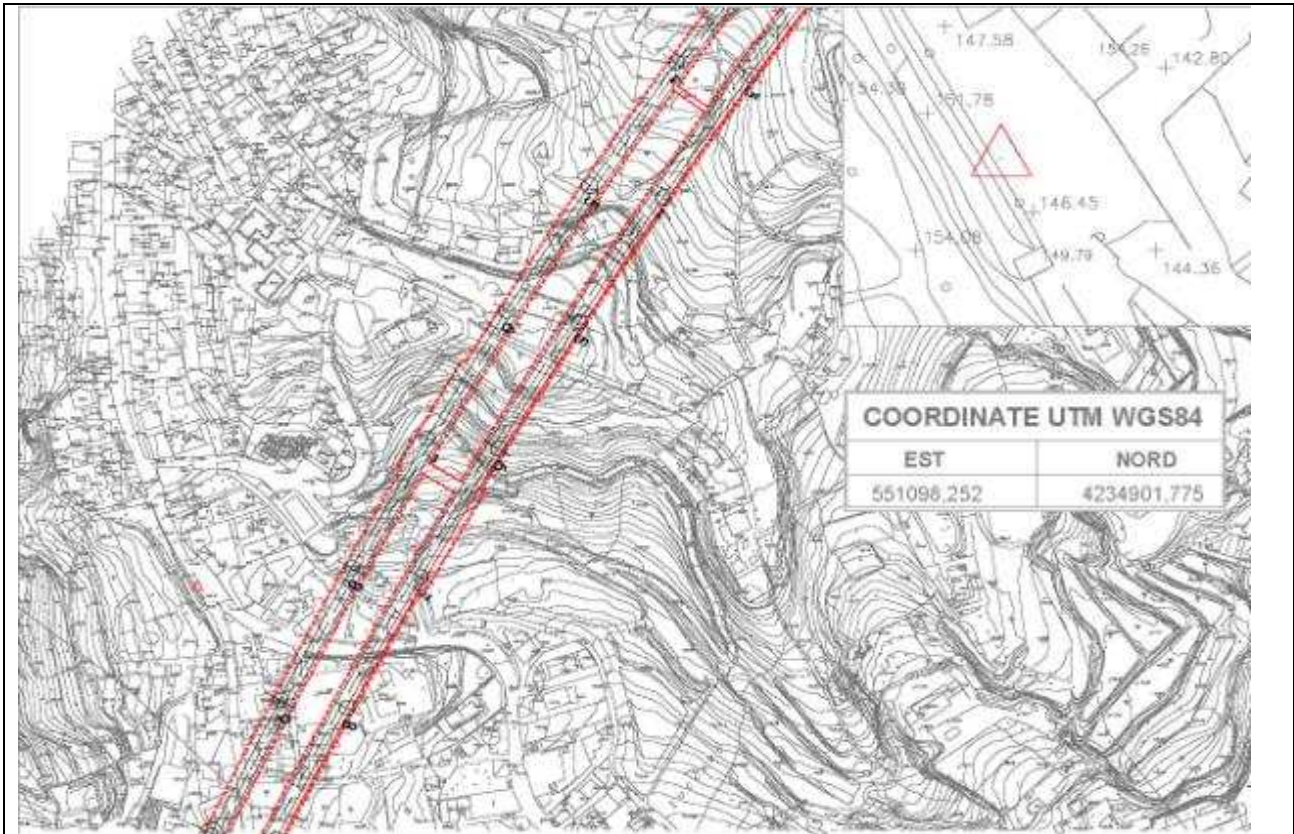
Fotografia del punto di misura

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

		
<b>Punto</b>	<b>Ricettore</b> <b>R_11_S</b>	<b>Indirizzo</b> <b>VIA MESSINA</b>

Localizzazione planimetrica





DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

### RICONOSCIMENTO COMPONENTI IMPULSIVE

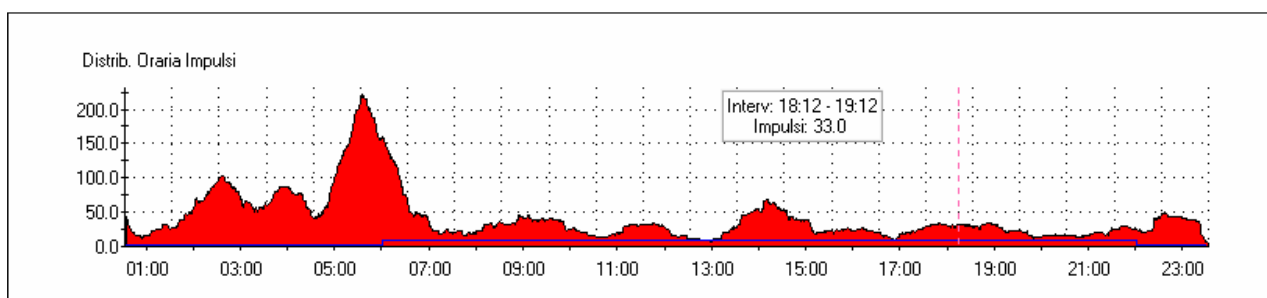
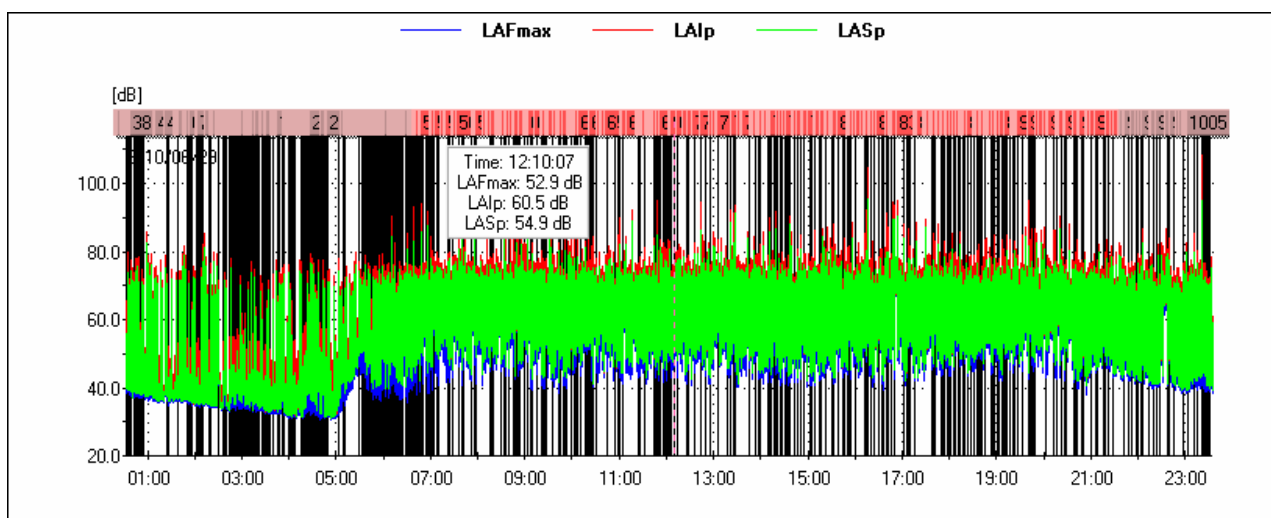
Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/06/29 00:32:55	0.875	51.6	6.6

2	2010/06/29 00:33:08	0.750	53.9	7.7
3	2010/06/29 00:33:13	0.750	55.3	10.5
4	2010/06/29 00:33:26	0.750	55.8	9.6
5	2010/06/29 00:33:36	0.750	62.0	10.6
6	2010/06/29 00:33:46	0.750	53.7	9.9
7	2010/06/29 00:33:47	0.875	56.6	10.1
8	2010/06/29 00:33:54	0.625	59.7	12.1
9	2010/06/29 00:34:07	0.625	72.1	12.4
10	2010/06/29 00:34:19	0.625	65.2	11.6
11	2010/06/29 00:34:36	1.000	51.5	7.5
12	2010/06/29 00:35:17	0.625	71.2	11.5
13	2010/06/29 00:35:23	0.500	75.4	12.6
14	2010/06/29 00:35:54	0.875	67.2	8.4
15	2010/06/29 00:36:09	0.625	57.5	10.5
16	2010/06/29 00:36:16	0.875	58.2	8.8
17	2010/06/29 00:36:18	0.875	54.6	7.2
18	2010/06/29 00:37:32	0.875	56.0	8.5
19	2010/06/29 00:37:49	0.875	68.9	8.3
20	2010/06/29 00:38:15	0.875	55.8	8.6
21	2010/06/29 00:38:43	0.750	65.4	9.7
22	2010/06/29 00:39:09	0.625	64.8	11.9
23	2010/06/29 00:39:13	0.875	54.5	6.9
24	2010/06/29 00:39:35	1.000	54.9	7.5
25	2010/06/29 00:39:36	0.750	63.4	12.0
26	2010/06/29 00:39:42	0.625	73.5	12.1
27	2010/06/29 00:42:06	0.625	68.4	10.6
28	2010/06/29 00:42:08	0.875	55.4	10.8
29	2010/06/29 00:43:47	0.875	52.7	10.1
30	2010/06/29 00:45:39	0.625	64.8	10.1
31	2010/06/29 00:46:16	0.625	50.7	10.1
32	2010/06/29 00:49:38	0.750	49.9	9.3
33	2010/06/29 00:50:22	0.750	49.4	10.4

34	2010/06/29 00:51:00	0.750	50.0	9.9
35	2010/06/29 00:51:24	0.750	50.2	9.8
36	2010/06/29 00:51:31	0.750	53.3	10.2
37	2010/06/29 00:52:31	0.750	53.2	10.8
38	2010/06/29 00:54:17	0.625	59.8	12.7
39	2010/06/29 01:24:13	1.000	49.4	8.9
40	2010/06/29 01:25:13	0.875	55.1	8.7
41	2010/06/29 01:25:37	0.875	48.8	9.6
42	2010/06/29 01:26:03	0.875	48.7	8.1
43	2010/06/29 01:26:59	0.875	48.9	7.8
44	2010/06/29 01:27:04	0.875	48.8	7.3
45	2010/06/29 01:38:52	1.000	48.5	8.3
46	2010/06/29 01:39:05	1.000	48.5	8.7
47	2010/06/29 01:49:33	0.750	50.6	9.7
48	2010/06/29 01:50:12	1.000	52.2	8.9
49	2010/06/29 01:52:49	0.875	48.6	9.6
50	2010/06/29 01:53:41	1.000	48.2	8.9
51	2010/06/29 01:53:45	0.875	48.0	8.6
52	2010/06/29 01:53:57	0.750	49.8	8.2
53	2010/06/29 01:55:28	0.500	52.2	12.5
54	2010/06/29 01:55:29	0.625	50.6	10.7
55	2010/06/29 02:03:07	0.750	48.9	8.4
56	2010/06/29 02:03:16	0.875	46.6	8.6
57	2010/06/29 02:03:29	0.750	49.9	9.1
58	2010/06/29 02:03:33	1.000	48.7	7.9
59	2010/06/29 02:03:54	0.875	48.9	8.6
60	2010/06/29 02:03:58	0.750	52.6	8.9
61	2010/06/29 02:04:08	0.750	49.8	8.7
62	2010/06/29 02:07:15	1.000	47.1	9.7
63	2010/06/29 02:09:21	1.000	48.1	8.2
64	2010/06/29 02:09:26	0.875	50.1	9.4
65	2010/06/29 02:17:31	0.875	47.9	10.1

66	2010/06/29 02:18:02	0.750	50.7	10.5
67	2010/06/29 02:18:10	0.750	50.7	8.9
68	2010/06/29 02:18:33	1.000	47.6	8.7
69	2010/06/29 02:18:52	0.750	48.3	8.9
70	2010/06/29 02:20:18	0.875	48.2	8.5
71	2010/06/29 02:29:31	0.750	58.3	8.8
72	2010/06/29 02:36:13	0.875	50.3	8.6
73	2010/06/29 02:36:26	1.000	47.7	7.8
74	2010/06/29 02:37:10	0.875	46.8	7.8
75	2010/06/29 02:38:24	0.750	50.7	8.2
76	2010/06/29 02:38:42	0.625	50.3	10.4
77	2010/06/29 02:38:47	0.750	48.1	8.1
78	2010/06/29 02:38:53	1.000	49.3	8.0
79	2010/06/29 02:39:17	0.875	48.4	8.3
80	2010/06/29 02:39:42	0.875	46.4	8.5
81	2010/06/29 02:39:44	1.000	46.3	8.3
82	2010/06/29 02:39:46	1.000	47.0	8.5
83	2010/06/29 02:39:50	0.750	52.4	10.3
84	2010/06/29 02:40:30	0.875	49.5	10.2
85	2010/06/29 02:44:42	0.750	47.4	9.2
86	2010/06/29 02:46:08	0.750	51.3	8.6
87	2010/06/29 02:46:28	0.750	49.5	8.9
88	2010/06/29 02:46:58	0.625	51.3	8.6
89	2010/06/29 02:46:59	0.750	50.7	8.8
90	2010/06/29 02:47:19	0.625	50.7	10.2
91	2010/06/29 02:47:38	1.000	48.3	8.0
92	2010/06/29 02:47:53	0.750	48.9	8.0
93	2010/06/29 02:47:54	0.875	48.6	7.1
94	2010/06/29 02:50:29	1.000	51.8	7.9
95	2010/06/29 02:51:15	0.625	50.9	9.3
96	2010/06/29 02:51:37	1.000	46.8	9.2
97	2010/06/29 02:52:14	0.750	46.7	9.2

98	2010/06/29 02:52:26	0.875	46.9	7.8
99	2010/06/29 02:52:27	1.000	45.3	7.3
100	2010/06/29 02:53:31	1.000	49.3	7.8
101	2010/06/29 02:55:20	1.000	51.6	9.8
102	2010/06/29 02:56:00	0.875	47.6	9.3
103	2010/06/29 02:56:19	1.000	48.1	10.0
104	2010/06/29 02:56:56	1.000	47.6	9.3
105	2010/06/29 02:57:38	0.875	48.8	9.0
106	2010/06/29 02:57:42	0.875	46.3	8.5
107	2010/06/29 02:57:55	1.000	50.4	9.6
108	2010/06/29 02:57:57	0.750	48.8	8.4
109	2010/06/29 02:58:06	1.000	48.7	7.6
110	2010/06/29 02:58:07	0.875	46.3	6.4
111	2010/06/29 02:58:58	0.875	51.9	10.1
112	2010/06/29 02:58:59	0.625	53.0	9.6
113	2010/06/29 02:59:01	0.750	47.8	8.5
114	2010/06/29 02:59:08	0.750	46.7	8.6
115	2010/06/29 03:00:05	0.750	46.0	7.6
116	2010/06/29 03:00:11	0.750	48.8	10.5
117	2010/06/29 03:00:23	1.000	48.3	8.3
118	2010/06/29 03:00:26	0.875	49.1	8.6
119	2010/06/29 03:00:29	1.000	60.9	6.5
120	2010/06/29 03:00:34	1.000	49.8	8.1
121	2010/06/29 03:00:35	0.750	49.1	7.5
122	2010/06/29 03:00:56	0.875	49.4	8.1
123	2010/06/29 03:01:10	0.750	49.7	9.0
124	2010/06/29 03:01:11	0.875	47.2	7.4
125	2010/06/29 03:01:15	0.875	49.5	8.6
126	2010/06/29 03:03:24	0.875	46.6	8.8
127	2010/06/29 03:06:24	1.000	48.1	10.2
128	2010/06/29 03:07:03	0.875	50.5	10.0
129	2010/06/29 03:07:46	0.750	49.0	7.1

130	2010/06/29 03:09:50	0.750	47.9	9.5
131	2010/06/29 03:10:15	0.875	50.4	9.8
132	2010/06/29 03:11:02	1.000	50.7	9.1
133	2010/06/29 03:11:09	0.875	46.3	8.6
134	2010/06/29 03:13:00	0.625	49.6	9.6
135	2010/06/29 03:13:05	0.625	52.0	10.6
136	2010/06/29 03:13:06	1.000	50.4	8.8
137	2010/06/29 03:13:40	0.875	46.6	7.6
138	2010/06/29 03:13:48	0.750	47.7	8.7
139	2010/06/29 03:14:26	0.750	50.9	9.5
140	2010/06/29 03:14:30	0.625	49.8	10.3
141	2010/06/29 03:16:06	0.750	51.2	10.4
142	2010/06/29 03:16:09	0.750	50.8	8.9
143	2010/06/29 03:16:37	1.000	47.9	8.3
144	2010/06/29 03:16:39	0.875	51.4	9.7
145	2010/06/29 03:16:41	0.875	46.5	8.1
146	2010/06/29 03:18:03	0.750	45.9	8.7
147	2010/06/29 03:18:29	0.750	49.4	8.6
148	2010/06/29 03:19:25	0.750	48.4	9.4
149	2010/06/29 03:19:38	0.875	47.0	8.2
150	2010/06/29 03:19:45	0.875	46.4	8.2
151	2010/06/29 03:19:47	0.625	50.2	9.6
152	2010/06/29 03:19:48	1.000	48.0	8.3
153	2010/06/29 03:20:24	0.875	48.8	9.1
154	2010/06/29 03:20:32	0.875	47.7	8.8
155	2010/06/29 03:20:49	0.875	50.5	9.3
156	2010/06/29 03:21:26	0.750	47.4	9.7
157	2010/06/29 03:22:35	1.000	46.8	10.2
158	2010/06/29 03:24:45	0.750	62.3	10.2
159	2010/06/29 03:24:50	0.750	67.2	10.5
160	2010/06/29 03:25:19	0.750	48.5	9.9
161	2010/06/29 03:25:20	0.875	49.7	9.0

162	2010/06/29 03:26:33	1.000	45.8	6.6
163	2010/06/29 03:27:36	0.750	47.7	9.6
164	2010/06/29 03:27:46	0.875	47.7	9.7
165	2010/06/29 03:29:35	0.875	46.2	6.8
166	2010/06/29 03:29:56	1.000	45.6	8.7
167	2010/06/29 03:29:59	0.750	47.1	7.7
168	2010/06/29 03:29:59	0.875	46.2	7.7
169	2010/06/29 03:30:01	0.875	46.8	8.2
170	2010/06/29 03:30:09	0.875	46.4	8.7
171	2010/06/29 03:30:23	0.750	49.3	9.5
172	2010/06/29 03:30:25	1.000	46.0	7.3
173	2010/06/29 03:31:00	0.875	48.0	8.9
174	2010/06/29 03:33:48	0.875	47.6	9.9
175	2010/06/29 03:33:51	0.750	48.7	9.8
176	2010/06/29 03:35:18	0.750	48.1	9.3
177	2010/06/29 03:39:48	0.875	70.8	9.5
178	2010/06/29 03:39:53	0.875	56.5	7.4
179	2010/06/29 03:46:19	0.750	46.8	9.5
180	2010/06/29 03:48:20	0.875	45.6	7.4
181	2010/06/29 03:51:45	0.625	72.1	10.8
182	2010/06/29 03:54:22	0.875	44.7	9.3
183	2010/06/29 03:59:57	0.875	50.4	8.0
184	2010/06/29 04:01:54	0.750	48.0	9.8
185	2010/06/29 04:02:24	0.875	66.3	9.8
186	2010/06/29 04:02:27	0.875	63.1	8.4
187	2010/06/29 04:02:29	0.625	61.9	9.9
188	2010/06/29 04:03:04	0.625	50.1	12.0
189	2010/06/29 04:03:05	0.625	51.1	11.4
190	2010/06/29 04:03:08	0.625	49.9	10.2
191	2010/06/29 04:03:09	0.625	51.0	10.6
192	2010/06/29 04:03:10	0.625	50.7	10.2
193	2010/06/29 04:03:10	0.625	48.5	10.0



194	2010/06/29 04:04:25	0.875	43.2	7.9
195	2010/06/29 04:06:18	0.625	50.2	9.9
196	2010/06/29 04:06:47	0.625	50.4	9.9
197	2010/06/29 04:15:07	1.000	44.6	6.6
198	2010/06/29 04:17:42	0.875	48.7	10.6
199	2010/06/29 04:17:45	0.750	49.0	8.4
200	2010/06/29 04:17:46	1.000	52.2	10.2
201	2010/06/29 04:17:51	0.875	45.7	7.7
202	2010/06/29 04:18:06	1.000	48.2	7.1
203	2010/06/29 04:18:13	1.000	51.8	9.4
204	2010/06/29 04:18:22	1.000	49.8	11.1
205	2010/06/29 04:18:25	0.875	55.1	10.7
206	2010/06/29 04:18:27	1.000	53.7	9.8
207	2010/06/29 04:18:35	0.875	46.7	8.6
208	2010/06/29 04:21:03	0.875	54.0	8.2
209	2010/06/29 04:21:04	0.875	52.2	6.3
210	2010/06/29 04:21:05	0.875	53.0	8.0
211	2010/06/29 04:21:09	0.750	51.5	10.3
212	2010/06/29 04:21:35	0.750	49.7	9.0
213	2010/06/29 04:21:48	0.875	48.0	7.9
214	2010/06/29 04:21:51	0.750	46.8	9.0
215	2010/06/29 04:21:55	0.875	48.6	8.4
216	2010/06/29 04:21:59	0.750	49.4	8.9
217	2010/06/29 04:23:03	0.750	54.5	9.9
218	2010/06/29 04:24:15	1.000	49.4	8.1
219	2010/06/29 04:25:06	1.000	47.3	6.5
220	2010/06/29 04:26:44	0.875	55.3	7.3
221	2010/06/29 04:27:16	0.625	52.0	8.5
222	2010/06/29 04:27:25	0.875	49.3	7.0
223	2010/06/29 04:27:35	1.000	49.9	8.3
224	2010/06/29 04:27:59	0.625	53.0	10.8
225	2010/06/29 04:28:30	0.625	57.0	9.3

226	2010/06/29 04:28:37	0.750	50.0	9.2
227	2010/06/29 04:28:49	0.750	48.7	7.0
228	2010/06/29 04:28:50	0.750	53.7	8.6
229	2010/06/29 04:28:52	0.750	49.6	7.8
230	2010/06/29 04:29:34	0.750	49.4	8.4
231	2010/06/29 04:29:48	0.750	45.8	6.7
232	2010/06/29 04:30:05	0.875	52.4	6.4
233	2010/06/29 04:31:08	0.750	52.5	8.7
234	2010/06/29 04:32:20	1.000	55.5	7.8
235	2010/06/29 04:32:22	0.750	48.2	8.3
236	2010/06/29 04:33:42	1.000	49.1	9.4
237	2010/06/29 04:33:47	0.875	45.4	7.0
238	2010/06/29 04:34:05	0.750	53.4	9.7
239	2010/06/29 04:34:24	0.750	46.8	8.6
240	2010/06/29 04:35:38	0.750	57.7	10.7
241	2010/06/29 04:35:40	0.625	55.5	9.1
242	2010/06/29 04:35:43	0.875	56.2	9.9
243	2010/06/29 04:36:19	1.000	55.0	9.0
244	2010/06/29 04:36:22	0.875	46.6	8.8
245	2010/06/29 04:38:00	0.625	48.3	7.3
246	2010/06/29 04:38:31	0.750	50.5	6.2
247	2010/06/29 04:38:33	0.750	52.3	7.6
248	2010/06/29 04:38:42	0.750	51.9	6.7
249	2010/06/29 04:38:52	0.750	56.9	9.3
250	2010/06/29 04:39:07	1.000	47.1	7.4
251	2010/06/29 04:39:12	1.000	47.4	8.8
252	2010/06/29 04:39:28	1.000	53.5	10.2
253	2010/06/29 04:39:30	1.000	49.8	9.1
254	2010/06/29 04:39:45	0.750	47.9	7.1
255	2010/06/29 04:40:04	0.875	47.3	7.4
256	2010/06/29 04:40:11	0.875	50.4	10.0
257	2010/06/29 04:40:15	0.625	47.1	9.6

258	2010/06/29 04:41:53	0.750	49.8	8.4
259	2010/06/29 04:42:53	0.625	50.4	9.8
260	2010/06/29 04:43:23	0.875	49.5	9.8
261	2010/06/29 04:45:46	0.875	46.0	9.6
262	2010/06/29 04:45:51	0.875	48.9	9.1
263	2010/06/29 04:46:23	1.000	45.0	10.6
264	2010/06/29 04:46:28	0.875	44.3	6.6
265	2010/06/29 04:46:36	0.625	49.6	9.7
266	2010/06/29 04:47:05	0.625	53.0	8.9
267	2010/06/29 04:47:56	1.000	49.3	9.0
268	2010/06/29 04:49:05	1.000	50.6	8.1
269	2010/06/29 04:49:18	0.875	53.0	11.1
270	2010/06/29 05:03:19	0.750	50.1	8.9
271	2010/06/29 05:03:24	0.750	45.7	8.3
272	2010/06/29 05:08:21	1.000	55.3	9.4
273	2010/06/29 05:11:01	0.875	57.0	9.8
274	2010/06/29 05:29:06	0.875	59.2	6.3
275	2010/06/29 05:31:53	0.750	57.6	8.0
276	2010/06/29 05:32:26	1.000	60.6	8.2
277	2010/06/29 05:32:35	0.750	58.7	8.1
278	2010/06/29 05:33:41	0.875	60.9	7.8
279	2010/06/29 05:33:51	0.750	57.9	7.1
280	2010/06/29 05:33:56	0.750	61.2	8.6
281	2010/06/29 05:34:13	0.875	59.3	7.4
282	2010/06/29 05:34:14	1.000	56.9	6.3
283	2010/06/29 05:35:29	0.750	58.8	8.0
284	2010/06/29 05:36:16	1.000	56.3	6.6
285	2010/06/29 05:36:22	1.000	62.3	9.9
286	2010/06/29 05:36:40	0.875	57.7	6.7
287	2010/06/29 05:36:59	0.875	59.4	6.1
288	2010/06/29 05:37:06	0.875	57.6	6.1
289	2010/06/29 05:37:18	0.875	59.0	7.2

290	2010/06/29 05:37:32	0.750	56.1	7.5
291	2010/06/29 05:37:57	0.750	57.8	7.7
292	2010/06/29 05:38:02	0.750	56.6	7.9
293	2010/06/29 05:39:16	0.750	58.1	8.3
294	2010/06/29 05:39:23	0.625	60.2	7.7
295	2010/06/29 05:39:24	0.750	56.7	7.4
296	2010/06/29 05:39:25	0.875	60.0	7.7
297	2010/06/29 05:39:50	0.750	59.0	7.7
298	2010/06/29 05:39:52	0.750	60.2	7.9
299	2010/06/29 05:39:55	0.625	57.6	8.4
300	2010/06/29 05:40:03	0.750	59.8	8.5
301	2010/06/29 05:40:26	0.875	58.6	6.7
302	2010/06/29 05:40:40	0.750	52.4	6.3
303	2010/06/29 05:40:40	0.875	51.6	6.3
304	2010/06/29 05:40:46	0.875	54.4	7.2
305	2010/06/29 05:41:27	1.000	63.9	9.1
306	2010/06/29 05:41:49	1.000	63.8	9.0
307	2010/06/29 05:41:53	0.750	66.4	9.5
308	2010/06/29 05:41:59	1.000	67.1	7.9
309	2010/06/29 05:43:37	0.875	67.6	8.4
310	2010/06/29 05:43:44	0.750	66.3	8.7
311	2010/06/29 05:43:46	1.000	63.8	9.1
312	2010/06/29 05:44:08	0.875	57.1	6.5
313	2010/06/29 05:44:25	0.750	55.1	7.4
314	2010/06/29 05:44:28	1.000	56.8	8.2
315	2010/06/29 05:44:30	1.000	57.3	8.1
316	2010/06/29 05:45:04	0.750	55.1	9.0
317	2010/06/29 05:45:05	0.750	54.0	7.4
318	2010/06/29 05:45:09	0.750	52.8	7.3
319	2010/06/29 05:45:12	0.750	53.7	8.2
320	2010/06/29 05:45:15	0.750	55.4	9.6
321	2010/06/29 05:46:16	0.875	56.9	7.7

322	2010/06/29 05:46:36	0.750	56.2	8.1
323	2010/06/29 05:46:52	0.750	54.7	7.6
324	2010/06/29 05:46:53	0.875	55.3	7.8
325	2010/06/29 05:46:55	0.875	56.0	7.0
326	2010/06/29 05:48:54	1.000	55.7	7.4
327	2010/06/29 05:49:25	0.875	57.4	8.9
328	2010/06/29 05:49:26	0.750	57.4	7.6
329	2010/06/29 05:49:33	0.625	57.0	9.1
330	2010/06/29 05:49:36	1.000	59.8	7.9
331	2010/06/29 05:49:37	0.750	59.0	6.9
332	2010/06/29 05:49:37	1.000	58.8	7.4
333	2010/06/29 05:49:38	0.750	60.1	7.7
334	2010/06/29 05:50:41	0.625	58.7	9.1
335	2010/06/29 05:50:42	0.750	58.5	8.8
336	2010/06/29 05:50:46	0.750	58.7	6.6
337	2010/06/29 05:50:56	0.750	54.6	7.5
338	2010/06/29 05:51:06	0.875	52.2	8.5
339	2010/06/29 05:51:20	0.750	53.4	8.9
340	2010/06/29 05:51:23	0.750	53.8	8.4
341	2010/06/29 05:51:30	0.875	53.8	9.5
342	2010/06/29 05:51:35	0.750	54.5	9.4
343	2010/06/29 05:51:41	0.875	52.2	8.3
344	2010/06/29 05:51:49	0.875	53.6	8.6
345	2010/06/29 05:51:54	0.750	55.1	9.0
346	2010/06/29 05:51:59	0.750	56.5	9.6
347	2010/06/29 05:52:01	0.750	56.6	9.5
348	2010/06/29 05:52:10	0.875	56.5	8.2
349	2010/06/29 05:52:14	0.750	57.0	9.0
350	2010/06/29 05:52:15	0.750	56.8	8.0
351	2010/06/29 05:52:17	0.875	57.6	8.2
352	2010/06/29 05:52:19	0.750	57.1	8.7
353	2010/06/29 05:52:20	0.750	57.0	7.9

354	2010/06/29 05:52:34	1.000	54.7	8.1
355	2010/06/29 05:53:02	0.750	56.6	9.2
356	2010/06/29 05:53:06	0.750	56.1	8.7
357	2010/06/29 05:53:10	0.750	56.9	9.2
358	2010/06/29 05:54:08	0.625	57.5	8.5
359	2010/06/29 05:54:20	0.750	56.5	7.1
360	2010/06/29 05:54:21	0.875	57.1	7.0
361	2010/06/29 05:55:07	0.750	58.5	8.0
362	2010/06/29 05:55:13	0.750	58.9	8.9
363	2010/06/29 05:55:44	0.625	61.3	6.9
364	2010/06/29 05:56:13	0.750	57.8	8.8
365	2010/06/29 05:56:17	1.000	59.3	8.6
366	2010/06/29 05:57:01	0.750	55.8	8.9
367	2010/06/29 05:57:01	0.750	56.4	8.0
368	2010/06/29 05:57:09	0.625	57.3	7.3
369	2010/06/29 05:57:13	0.750	56.6	9.6
370	2010/06/29 05:57:16	0.750	55.3	9.2
371	2010/06/29 05:57:29	0.750	55.3	8.4
372	2010/06/29 05:57:34	0.750	57.8	7.5
373	2010/06/29 05:58:29	0.625	63.8	8.4
374	2010/06/29 05:58:43	0.750	61.2	7.2
375	2010/06/29 05:59:39	1.000	57.4	8.2
376	2010/06/29 06:00:47	0.875	58.2	7.4
377	2010/06/29 06:00:51	1.000	54.5	7.0
378	2010/06/29 06:00:53	0.875	56.2	7.5
379	2010/06/29 06:00:54	1.000	59.0	6.7
380	2010/06/29 06:00:59	0.875	59.1	6.3
381	2010/06/29 06:01:45	0.875	56.1	6.8
382	2010/06/29 06:01:51	0.750	54.6	8.4
383	2010/06/29 06:01:59	0.750	53.8	8.6
384	2010/06/29 06:02:01	1.000	56.7	9.1
385	2010/06/29 06:02:03	0.625	53.1	7.3

386	2010/06/29 06:02:07	0.750	53.7	7.7
387	2010/06/29 06:02:08	0.875	51.3	8.8
388	2010/06/29 06:02:11	1.000	53.2	9.7
389	2010/06/29 06:02:14	0.625	54.9	9.4
390	2010/06/29 06:02:19	1.000	57.2	8.4
391	2010/06/29 06:02:23	0.875	55.9	7.3
392	2010/06/29 06:02:25	0.875	56.5	8.9
393	2010/06/29 06:02:27	0.750	55.8	8.5
394	2010/06/29 06:02:57	0.875	56.8	7.1
395	2010/06/29 06:04:15	1.000	54.0	7.3
396	2010/06/29 06:04:19	1.000	54.1	7.0
397	2010/06/29 06:05:48	0.625	57.5	7.7
398	2010/06/29 06:05:50	1.000	51.6	6.7
399	2010/06/29 06:05:54	0.750	55.8	9.1
400	2010/06/29 06:05:58	0.750	55.1	9.7
401	2010/06/29 06:06:09	0.750	57.1	9.1
402	2010/06/29 06:06:12	0.750	54.5	7.9
403	2010/06/29 06:07:32	0.750	54.4	9.4
404	2010/06/29 06:07:34	0.625	57.4	11.2
405	2010/06/29 06:07:35	0.750	57.8	9.0
406	2010/06/29 06:07:36	1.000	55.8	6.4
407	2010/06/29 06:07:41	1.000	54.7	7.8
408	2010/06/29 06:08:08	0.750	50.8	8.3
409	2010/06/29 06:09:01	0.875	62.2	6.6
410	2010/06/29 06:09:09	1.000	58.8	6.5
411	2010/06/29 06:09:10	0.625	57.9	7.1
412	2010/06/29 06:09:36	1.000	61.6	8.2
413	2010/06/29 06:09:39	1.000	56.1	6.5
414	2010/06/29 06:09:54	0.750	57.9	7.1
415	2010/06/29 06:09:56	0.750	53.3	6.5
416	2010/06/29 06:11:23	0.750	61.0	7.5
417	2010/06/29 06:11:57	0.750	60.9	8.9

418	2010/06/29 06:12:56	0.750	63.7	6.8
419	2010/06/29 06:12:58	0.750	60.0	6.6
420	2010/06/29 06:13:08	0.625	62.0	7.0
421	2010/06/29 06:13:15	0.875	59.6	7.9
422	2010/06/29 06:13:18	1.000	55.9	8.0
423	2010/06/29 06:15:02	0.875	60.5	10.3
424	2010/06/29 06:15:14	0.750	52.9	6.6
425	2010/06/29 06:15:20	0.625	63.1	10.5
426	2010/06/29 06:16:59	0.750	57.7	9.0
427	2010/06/29 06:17:03	0.750	54.2	8.6
428	2010/06/29 06:17:13	0.750	59.5	8.4
429	2010/06/29 06:17:13	0.750	59.3	7.0
430	2010/06/29 06:17:18	0.750	57.5	6.3
431	2010/06/29 06:17:19	0.750	58.4	7.5
432	2010/06/29 06:17:20	0.750	57.4	7.1
433	2010/06/29 06:18:19	0.750	53.1	9.5
434	2010/06/29 06:18:23	0.625	58.5	7.9
435	2010/06/29 06:18:23	0.750	58.6	7.3
436	2010/06/29 06:18:26	1.000	60.5	8.9
437	2010/06/29 06:18:30	0.625	61.3	8.0
438	2010/06/29 06:18:31	0.625	62.2	7.3
439	2010/06/29 06:18:55	0.625	57.4	6.1
440	2010/06/29 06:19:05	0.750	59.7	8.9
441	2010/06/29 06:19:13	0.875	58.5	6.5
442	2010/06/29 06:19:15	0.625	60.9	7.6
443	2010/06/29 06:19:16	0.750	58.9	6.3
444	2010/06/29 06:19:49	1.000	60.4	6.5
445	2010/06/29 06:20:13	0.625	60.9	10.3
446	2010/06/29 06:20:23	1.000	57.8	7.6
447	2010/06/29 06:20:25	0.750	55.3	6.9
448	2010/06/29 06:20:57	0.625	56.2	7.1
449	2010/06/29 06:21:02	0.750	55.6	6.9



450	2010/06/29 06:21:04	1.000	56.0	8.1
451	2010/06/29 06:21:07	0.875	51.6	8.2
452	2010/06/29 06:21:11	1.000	59.6	7.9
453	2010/06/29 06:21:20	0.750	61.8	7.2
454	2010/06/29 06:22:04	0.875	56.7	7.6
455	2010/06/29 06:22:16	0.625	57.7	7.3
456	2010/06/29 06:22:45	0.750	56.7	8.1
457	2010/06/29 06:22:46	0.750	56.3	7.1
458	2010/06/29 06:22:49	0.750	54.8	7.4
459	2010/06/29 06:22:50	0.875	56.8	7.7
460	2010/06/29 06:22:52	0.625	55.2	7.2
461	2010/06/29 06:22:55	0.625	52.8	9.1
462	2010/06/29 06:22:58	0.750	54.7	10.3
463	2010/06/29 06:23:02	1.000	54.1	6.9
464	2010/06/29 06:23:04	0.625	55.4	7.8
465	2010/06/29 06:23:05	0.750	56.4	7.8
466	2010/06/29 06:23:35	0.750	56.5	7.3
467	2010/06/29 06:24:04	0.625	53.3	9.5
468	2010/06/29 06:24:07	0.625	55.2	10.8
469	2010/06/29 06:24:11	0.875	53.4	9.9
470	2010/06/29 06:24:13	0.750	56.0	8.6
471	2010/06/29 06:24:35	0.750	55.2	7.1
472	2010/06/29 06:24:38	0.750	57.3	6.2
473	2010/06/29 06:24:44	0.750	55.9	7.9
474	2010/06/29 06:24:46	0.750	55.9	8.2
475	2010/06/29 06:24:49	0.750	57.8	6.5
476	2010/06/29 06:24:54	1.000	57.6	7.7
477	2010/06/29 06:24:56	1.000	57.4	7.7
478	2010/06/29 06:27:40	0.875	55.8	7.9
479	2010/06/29 06:28:39	0.625	54.4	8.5
480	2010/06/29 06:29:39	1.000	56.4	8.5
481	2010/06/29 06:29:48	0.625	61.0	7.7

482	2010/06/29 06:29:52	1.000	56.7	7.9
483	2010/06/29 06:29:57	0.875	53.4	9.1
484	2010/06/29 06:29:58	1.000	55.4	7.9
485	2010/06/29 06:30:31	0.750	59.1	6.2
486	2010/06/29 06:30:33	0.750	59.3	7.0
487	2010/06/29 06:30:38	0.750	57.9	10.4
488	2010/06/29 06:31:21	0.750	60.3	8.2
489	2010/06/29 06:31:22	0.750	57.2	6.7
490	2010/06/29 06:31:23	0.625	59.4	7.2
491	2010/06/29 06:31:24	1.000	58.8	6.3
492	2010/06/29 06:31:35	1.000	60.3	8.1
493	2010/06/29 06:31:36	0.750	60.2	7.3
494	2010/06/29 06:31:37	0.625	58.8	6.5
495	2010/06/29 06:31:40	0.750	59.7	8.5
496	2010/06/29 06:31:46	0.750	60.8	7.1
497	2010/06/29 06:31:47	0.875	53.6	8.2
498	2010/06/29 06:31:54	0.875	61.6	8.6
499	2010/06/29 06:31:56	0.750	54.4	8.0
500	2010/06/29 06:32:03	0.750	54.5	8.0
501	2010/06/29 06:32:04	0.750	54.6	7.8
502	2010/06/29 06:32:32	1.000	55.8	6.6
503	2010/06/29 06:32:36	1.000	61.1	9.6
504	2010/06/29 06:34:59	1.000	56.1	8.8
505	2010/06/29 06:35:07	0.750	53.0	8.0
506	2010/06/29 06:35:17	0.875	56.1	8.2
507	2010/06/29 06:35:43	0.875	55.0	8.9
508	2010/06/29 06:35:46	0.750	56.8	9.5
509	2010/06/29 06:37:13	1.000	58.5	6.9
510	2010/06/29 06:37:14	0.750	58.2	7.0
511	2010/06/29 06:38:02	1.000	89.3	9.6
512	2010/06/29 06:40:53	1.000	57.9	8.1
513	2010/06/29 06:42:48	0.875	58.3	7.1

514	2010/06/29 06:45:08	0.750	68.6	8.2
515	2010/06/29 06:46:34	0.875	53.3	7.5
516	2010/06/29 06:46:48	0.750	52.5	8.6
517	2010/06/29 06:48:10	0.750	68.4	8.8
518	2010/06/29 06:48:29	0.750	92.6	8.4
519	2010/06/29 06:49:37	0.750	59.4	6.1
520	2010/06/29 06:54:10	0.875	57.0	6.9
521	2010/06/29 06:54:12	1.000	56.2	7.4
522	2010/06/29 06:55:58	0.875	57.3	7.0
523	2010/06/29 06:56:00	0.750	52.7	6.8
524	2010/06/29 06:56:04	0.750	56.4	7.3
525	2010/06/29 06:56:06	0.750	55.8	7.4
526	2010/06/29 06:57:50	0.750	58.9	6.5
527	2010/06/29 06:57:51	0.875	60.8	7.8
528	2010/06/29 06:57:57	0.875	61.3	7.5
529	2010/06/29 06:57:59	0.750	58.4	7.6
530	2010/06/29 06:58:02	0.625	62.0	6.6
531	2010/06/29 06:58:07	1.000	60.5	7.0
532	2010/06/29 06:58:09	1.000	60.7	8.3
533	2010/06/29 06:58:13	0.875	60.5	7.7
534	2010/06/29 06:58:15	0.625	62.1	9.2
535	2010/06/29 06:58:16	0.750	53.1	9.6
536	2010/06/29 06:58:19	1.000	61.7	7.1
537	2010/06/29 07:01:00	0.875	81.1	9.9
538	2010/06/29 07:01:42	1.000	54.6	6.4
539	2010/06/29 07:01:43	1.000	50.6	6.7
540	2010/06/29 07:01:44	0.625	52.9	6.4
541	2010/06/29 07:01:45	1.000	51.8	7.0
542	2010/06/29 07:01:47	0.750	56.1	8.3
543	2010/06/29 07:03:26	0.750	73.0	9.3
544	2010/06/29 07:07:43	0.875	57.7	6.3
545	2010/06/29 07:10:07	0.625	58.3	8.8

546	2010/06/29 07:10:12	0.750	55.8	6.1
547	2010/06/29 07:10:13	0.625	58.3	9.6
548	2010/06/29 07:21:26	0.750	56.4	7.6
549	2010/06/29 07:23:26	1.000	60.9	7.4
550	2010/06/29 07:23:30	1.000	61.9	7.0
551	2010/06/29 07:23:32	0.625	61.4	8.0
552	2010/06/29 07:23:33	0.750	60.5	7.3
553	2010/06/29 07:23:37	0.750	62.0	8.7
554	2010/06/29 07:28:49	0.750	59.3	7.8
555	2010/06/29 07:35:08	1.000	62.1	7.0
556	2010/06/29 07:39:01	1.000	59.8	8.4
557	2010/06/29 07:39:22	0.750	68.5	9.6
558	2010/06/29 07:40:43	0.625	59.9	8.6
559	2010/06/29 07:40:47	0.750	58.8	9.3
560	2010/06/29 07:40:48	0.750	58.0	8.3
561	2010/06/29 07:41:45	1.000	57.4	7.4
562	2010/06/29 07:41:48	1.000	59.0	6.4
563	2010/06/29 07:50:54	0.625	59.6	9.2
564	2010/06/29 07:50:59	0.750	60.9	7.7
565	2010/06/29 07:51:11	1.000	60.0	7.1
566	2010/06/29 07:56:50	0.875	60.2	7.6
567	2010/06/29 08:15:30	1.000	59.9	8.2
568	2010/06/29 08:18:31	0.875	69.4	8.0
569	2010/06/29 08:19:06	0.625	76.4	10.2
570	2010/06/29 08:19:10	0.875	62.2	10.9
571	2010/06/29 08:19:11	0.750	62.9	9.8
572	2010/06/29 08:19:15	0.625	72.9	11.3
573	2010/06/29 08:20:35	0.875	60.7	7.9
574	2010/06/29 08:29:26	0.750	57.5	8.2
575	2010/06/29 08:33:00	0.750	57.0	6.7
576	2010/06/29 08:33:19	0.625	97.6	11.6
577	2010/06/29 08:35:51	0.625	83.1	9.9

578	2010/06/29 08:36:17	0.875	58.1	9.8
579	2010/06/29 08:39:57	0.625	69.9	10.1
580	2010/06/29 08:46:26	0.625	79.5	11.6
581	2010/06/29 08:47:04	1.000	55.2	7.9
582	2010/06/29 08:47:11	1.000	58.5	8.5
583	2010/06/29 08:49:30	0.625	90.2	10.7
584	2010/06/29 08:52:00	1.000	81.8	10.2
585	2010/06/29 08:54:03	0.750	71.3	9.7
586	2010/06/29 08:58:26	0.750	70.6	9.7
587	2010/06/29 08:58:51	0.750	79.8	9.0
588	2010/06/29 08:58:52	0.625	79.4	8.3
589	2010/06/29 09:02:41	0.875	59.0	7.4
590	2010/06/29 09:06:50	0.875	59.1	7.0
591	2010/06/29 09:06:51	0.750	59.3	7.0
592	2010/06/29 09:06:54	0.625	56.8	9.3
593	2010/06/29 09:06:57	0.750	60.7	9.7
594	2010/06/29 09:06:58	0.625	60.6	7.8
595	2010/06/29 09:08:51	0.750	54.2	7.1
596	2010/06/29 09:08:53	1.000	61.5	7.9
597	2010/06/29 09:08:55	0.750	53.9	7.9
598	2010/06/29 09:09:29	0.625	63.0	7.9
599	2010/06/29 09:09:37	0.750	62.6	7.5
600	2010/06/29 09:15:03	0.750	58.5	7.1
601	2010/06/29 09:15:09	0.750	57.2	7.9
602	2010/06/29 09:22:07	0.750	63.1	9.5
603	2010/06/29 09:22:53	0.750	56.3	8.1
604	2010/06/29 09:24:38	0.750	68.5	8.7
605	2010/06/29 09:24:57	0.875	55.3	9.1
606	2010/06/29 09:25:01	1.000	51.4	7.3
607	2010/06/29 09:25:06	0.875	54.3	7.2
608	2010/06/29 09:25:36	0.750	60.0	8.4
609	2010/06/29 09:27:31	1.000	75.6	7.8

610	2010/06/29 09:35:28	1.000	61.1	7.5
611	2010/06/29 09:43:25	0.750	53.8	8.8
612	2010/06/29 09:43:28	0.750	56.3	10.0
613	2010/06/29 09:43:29	0.875	55.2	8.4
614	2010/06/29 09:45:04	0.750	67.2	8.2
615	2010/06/29 09:48:54	0.875	69.1	10.4
616	2010/06/29 09:49:20	1.000	61.8	8.4
617	2010/06/29 09:49:23	0.750	59.5	7.7
618	2010/06/29 09:49:25	0.750	56.4	8.3
619	2010/06/29 09:49:29	0.875	52.3	7.6
620	2010/06/29 09:49:32	1.000	59.2	9.0
621	2010/06/29 09:50:48	0.750	59.5	8.0
622	2010/06/29 09:50:49	0.875	58.5	7.9
623	2010/06/29 09:51:59	0.750	56.1	6.5
624	2010/06/29 09:52:01	0.750	56.9	7.9
625	2010/06/29 09:52:03	0.875	54.4	7.9
626	2010/06/29 09:52:09	0.625	56.6	9.2
627	2010/06/29 09:52:17	0.750	56.0	8.0
628	2010/06/29 09:52:18	0.750	56.7	8.8
629	2010/06/29 09:52:20	0.875	53.8	6.8
630	2010/06/29 09:58:33	0.625	85.1	11.3
631	2010/06/29 10:03:06	0.625	60.2	7.8
632	2010/06/29 10:03:21	0.625	60.1	7.5
633	2010/06/29 10:04:02	1.000	61.3	8.4
634	2010/06/29 10:04:59	0.875	68.8	7.1
635	2010/06/29 10:05:01	0.750	68.2	6.7
636	2010/06/29 10:06:51	0.500	84.9	13.5
637	2010/06/29 10:10:28	0.875	62.2	8.0
638	2010/06/29 10:10:34	0.750	60.8	8.9
639	2010/06/29 10:17:48	0.875	76.2	8.0
640	2010/06/29 10:19:13	1.000	61.8	9.2
641	2010/06/29 10:20:19	0.625	66.7	11.2

642	2010/06/29 10:20:24	0.625	71.8	11.6
643	2010/06/29 10:21:25	0.750	81.0	9.5
644	2010/06/29 10:23:00	0.625	72.0	8.3
645	2010/06/29 10:24:37	0.875	57.2	7.6
646	2010/06/29 10:26:05	1.000	65.4	11.0
647	2010/06/29 10:26:48	0.625	81.3	10.7
648	2010/06/29 10:30:21	0.750	61.3	6.5
649	2010/06/29 10:30:25	0.750	62.5	9.1
650	2010/06/29 10:30:27	0.750	62.6	8.2
651	2010/06/29 10:44:31	0.750	62.8	6.9
652	2010/06/29 10:54:24	1.000	61.0	8.6
653	2010/06/29 10:54:25	1.000	60.2	6.5
654	2010/06/29 10:54:26	0.875	60.7	7.1
655	2010/06/29 10:58:41	0.750	66.6	10.7
656	2010/06/29 10:59:02	0.625	82.3	10.0
657	2010/06/29 11:00:14	0.750	58.1	6.3
658	2010/06/29 11:00:21	0.875	69.3	9.6
659	2010/06/29 11:04:10	0.875	55.9	7.2
660	2010/06/29 11:23:38	0.750	58.8	7.6
661	2010/06/29 11:23:39	0.750	60.3	7.7
662	2010/06/29 11:26:52	0.750	59.2	8.4
663	2010/06/29 11:26:57	1.000	59.4	6.5
664	2010/06/29 11:31:44	1.000	59.2	7.4
665	2010/06/29 11:45:01	0.750	72.6	9.3
666	2010/06/29 11:46:08	0.750	58.6	7.4
667	2010/06/29 11:48:38	0.625	88.3	11.9
668	2010/06/29 11:48:49	0.875	91.8	10.2
669	2010/06/29 11:50:40	0.750	57.5	8.6
670	2010/06/29 11:51:26	0.625	67.2	10.4
671	2010/06/29 11:55:43	0.625	79.3	11.2
672	2010/06/29 11:56:34	0.875	54.9	8.7
673	2010/06/29 11:56:37	0.625	54.8	8.5

674	2010/06/29 11:56:38	0.625	58.1	10.3
675	2010/06/29 11:58:30	0.750	69.8	9.8
676	2010/06/29 12:00:48	0.875	55.7	9.5
677	2010/06/29 12:00:51	1.000	62.7	11.3
678	2010/06/29 12:01:15	0.625	72.2	9.0
679	2010/06/29 12:03:02	0.625	80.5	10.7
680	2010/06/29 12:04:41	0.875	64.2	8.0
681	2010/06/29 12:05:21	0.625	62.6	7.9
682	2010/06/29 12:05:24	0.750	60.3	8.1
683	2010/06/29 12:05:43	0.750	67.1	11.1
684	2010/06/29 12:05:47	0.750	59.0	7.0
685	2010/06/29 12:05:49	0.750	59.5	9.1
686	2010/06/29 12:05:52	0.625	61.6	9.5
687	2010/06/29 12:05:59	0.875	60.4	6.4
688	2010/06/29 12:06:43	0.750	61.1	7.1
689	2010/06/29 12:11:00	1.000	73.0	8.8
690	2010/06/29 12:13:45	0.750	58.5	8.3
691	2010/06/29 12:25:31	0.875	58.9	8.2
692	2010/06/29 12:26:09	0.875	65.7	7.3
693	2010/06/29 12:26:48	0.750	60.4	8.8
694	2010/06/29 12:26:55	0.750	60.1	9.1
695	2010/06/29 12:26:59	0.750	59.3	9.0
696	2010/06/29 12:27:04	0.750	58.1	8.4
697	2010/06/29 12:36:18	0.875	57.9	7.1
698	2010/06/29 12:43:55	0.750	92.6	8.3
699	2010/06/29 12:44:44	0.750	73.8	10.3
700	2010/06/29 12:49:05	0.750	65.7	7.9
701	2010/06/29 12:55:06	0.875	55.4	7.9
702	2010/06/29 12:55:16	1.000	55.0	7.7
703	2010/06/29 12:55:41	0.625	63.2	10.1
704	2010/06/29 13:06:18	0.625	79.6	11.3
705	2010/06/29 13:17:43	1.000	55.2	6.8



706	2010/06/29 13:22:06	0.750	57.6	6.9
707	2010/06/29 13:25:41	0.625	89.8	8.8
708	2010/06/29 13:27:04	0.875	58.1	8.3
709	2010/06/29 13:45:40	0.500	71.9	12.4
710	2010/06/29 13:52:45	0.875	58.6	6.7
711	2010/06/29 13:58:20	0.875	56.2	7.8
712	2010/06/29 13:59:06	0.875	61.4	6.8
713	2010/06/29 13:59:07	0.625	74.9	12.1
714	2010/06/29 13:59:10	0.625	77.8	12.1
715	2010/06/29 14:08:40	0.750	56.7	7.5
716	2010/06/29 14:08:41	1.000	55.4	6.3
717	2010/06/29 14:10:05	1.000	57.8	7.2
718	2010/06/29 14:10:08	0.625	59.7	8.8
719	2010/06/29 14:10:08	0.750	59.1	7.2
720	2010/06/29 14:10:10	0.875	52.9	6.9
721	2010/06/29 14:10:13	0.750	58.9	8.6
722	2010/06/29 14:10:15	0.750	59.5	9.0
723	2010/06/29 14:11:07	0.625	76.3	11.7
724	2010/06/29 14:12:51	0.625	62.6	9.9
725	2010/06/29 14:12:58	0.625	70.6	10.5
726	2010/06/29 14:17:40	0.750	67.4	9.7
727	2010/06/29 14:18:25	1.000	68.3	7.8
728	2010/06/29 14:20:35	0.750	61.9	8.2
729	2010/06/29 14:20:58	1.000	67.6	9.6
730	2010/06/29 14:21:02	0.750	60.2	6.6
731	2010/06/29 14:21:42	0.625	67.7	9.1
732	2010/06/29 14:21:43	0.750	70.5	8.6
733	2010/06/29 14:22:02	0.750	67.5	8.2
734	2010/06/29 14:24:54	0.875	54.5	9.5
735	2010/06/29 14:26:47	0.750	56.5	6.2
736	2010/06/29 14:26:48	0.875	56.8	7.0
737	2010/06/29 14:26:52	0.875	52.9	7.2

738	2010/06/29 14:31:26	0.625	58.6	10.2
739	2010/06/29 14:31:28	0.750	59.1	9.0
740	2010/06/29 14:31:31	0.750	55.5	9.2
741	2010/06/29 14:33:33	1.000	57.9	6.5
742	2010/06/29 14:34:36	0.750	56.5	9.7
743	2010/06/29 14:34:41	0.750	54.9	8.7
744	2010/06/29 14:34:42	0.875	55.1	8.1
745	2010/06/29 14:34:44	0.625	56.4	10.5
746	2010/06/29 14:35:10	0.750	54.4	8.3
747	2010/06/29 14:35:13	0.625	58.4	8.8
748	2010/06/29 14:35:29	0.750	59.7	7.7
749	2010/06/29 14:35:37	0.750	59.1	7.1
750	2010/06/29 14:35:42	0.750	55.8	9.2
751	2010/06/29 14:35:44	0.875	55.4	9.1
752	2010/06/29 14:35:58	0.875	55.1	8.9
753	2010/06/29 14:36:02	0.750	55.1	10.6
754	2010/06/29 14:36:05	0.750	54.0	10.1
755	2010/06/29 14:43:46	0.875	55.6	7.9
756	2010/06/29 14:43:57	0.875	54.0	7.6
757	2010/06/29 14:43:58	0.750	55.4	7.3
758	2010/06/29 14:43:59	0.750	55.6	8.6
759	2010/06/29 14:47:31	0.875	54.7	8.8
760	2010/06/29 14:47:33	0.750	56.5	8.7
761	2010/06/29 14:50:57	0.750	82.5	6.5
762	2010/06/29 14:51:02	0.750	73.0	8.2
763	2010/06/29 14:51:55	0.875	67.6	9.0
764	2010/06/29 14:54:25	0.875	70.6	10.1
765	2010/06/29 14:54:46	1.000	71.2	6.1
766	2010/06/29 15:02:28	0.750	55.6	8.4
767	2010/06/29 15:02:29	0.750	58.7	8.4
768	2010/06/29 15:02:38	0.625	58.5	7.6
769	2010/06/29 15:02:40	0.875	57.3	7.7

770	2010/06/29 15:02:41	0.625	60.2	9.4
771	2010/06/29 15:04:36	0.750	59.6	8.6
772	2010/06/29 15:04:38	0.750	58.3	8.5
773	2010/06/29 15:04:41	0.625	56.7	8.5
774	2010/06/29 15:04:42	0.625	60.1	8.6
775	2010/06/29 15:04:43	0.750	56.6	7.6
776	2010/06/29 15:04:44	0.625	58.7	8.1
777	2010/06/29 15:04:48	0.750	58.5	9.5
778	2010/06/29 15:04:50	0.625	60.5	7.4
779	2010/06/29 15:04:51	0.625	59.3	6.3
780	2010/06/29 15:04:52	0.750	58.6	6.7
781	2010/06/29 15:04:54	0.750	56.1	7.0
782	2010/06/29 15:04:57	0.625	57.3	10.0
783	2010/06/29 15:07:55	1.000	52.7	8.5
784	2010/06/29 15:08:10	0.750	57.4	9.1
785	2010/06/29 15:08:10	0.875	59.5	8.9
786	2010/06/29 15:08:53	0.875	59.8	7.1
787	2010/06/29 15:09:14	0.750	84.1	9.5
788	2010/06/29 15:15:45	0.750	56.9	8.1
789	2010/06/29 15:15:46	0.750	56.9	7.3
790	2010/06/29 15:15:50	0.750	55.4	9.4
791	2010/06/29 15:23:27	0.750	67.6	9.7
792	2010/06/29 15:30:48	1.000	60.1	8.0
793	2010/06/29 15:32:20	0.875	60.6	9.7
794	2010/06/29 15:33:00	0.750	80.1	9.7
795	2010/06/29 15:33:01	0.625	84.4	11.2
796	2010/06/29 15:38:04	0.750	58.3	8.8
797	2010/06/29 15:38:14	0.875	58.1	8.0
798	2010/06/29 15:38:48	0.625	69.0	10.7
799	2010/06/29 15:45:08	0.875	63.9	10.2
800	2010/06/29 15:46:57	0.750	80.6	9.8
801	2010/06/29 15:51:27	0.750	68.9	10.6

802	2010/06/29 15:52:33	1.000	65.2	10.0
803	2010/06/29 15:55:02	0.625	68.4	11.3
804	2010/06/29 15:55:14	1.000	56.8	8.5
805	2010/06/29 16:01:13	0.750	58.3	6.4
806	2010/06/29 16:11:36	0.625	81.8	10.4
807	2010/06/29 16:11:41	0.875	83.5	7.7
808	2010/06/29 16:15:07	0.750	76.7	9.8
809	2010/06/29 16:15:15	0.625	88.1	12.7
810	2010/06/29 16:15:42	0.750	102.1	9.2
811	2010/06/29 16:21:08	0.625	64.2	8.8
812	2010/06/29 16:21:10	0.625	74.2	11.2
813	2010/06/29 16:24:37	0.875	55.0	7.3
814	2010/06/29 16:29:41	0.875	68.1	10.7
815	2010/06/29 16:34:08	0.875	79.0	7.5
816	2010/06/29 16:34:11	0.875	78.7	8.2
817	2010/06/29 16:34:16	0.750	77.7	8.5
818	2010/06/29 16:35:02	0.750	65.4	8.3
819	2010/06/29 16:35:08	0.875	65.3	7.3
820	2010/06/29 16:36:47	0.750	54.7	9.3
821	2010/06/29 16:40:01	0.625	87.1	11.6
822	2010/06/29 16:42:35	0.750	76.0	9.3
823	2010/06/29 16:42:43	1.000	85.7	7.4
824	2010/06/29 16:46:41	0.875	67.1	10.1
825	2010/06/29 16:46:43	0.750	65.2	8.5
826	2010/06/29 16:46:49	0.750	63.4	9.4
827	2010/06/29 16:50:03	0.750	66.0	9.0
828	2010/06/29 16:50:06	0.625	72.3	11.1
829	2010/06/29 17:02:30	0.750	56.1	7.8
830	2010/06/29 17:02:31	0.750	57.3	7.2
831	2010/06/29 17:05:29	1.000	57.6	7.9
832	2010/06/29 17:08:55	0.875	84.7	8.7
833	2010/06/29 17:10:00	0.875	79.6	9.2

834	2010/06/29 17:16:53	0.750	64.3	10.4
835	2010/06/29 17:37:29	0.750	63.4	6.3
836	2010/06/29 17:40:39	0.625	78.3	10.1
837	2010/06/29 17:41:05	0.625	79.9	10.1
838	2010/06/29 17:49:42	0.750	60.8	9.6
839	2010/06/29 17:52:16	0.625	58.0	10.5
840	2010/06/29 17:52:20	0.875	60.7	8.8
841	2010/06/29 17:54:24	0.625	78.9	10.3
842	2010/06/29 17:56:55	0.750	63.4	8.3
843	2010/06/29 17:57:04	0.750	66.9	9.6
844	2010/06/29 17:57:06	0.750	64.7	8.3
845	2010/06/29 17:57:09	0.875	67.2	9.3
846	2010/06/29 17:57:13	0.875	71.5	9.4
847	2010/06/29 18:00:36	0.750	65.7	9.4
848	2010/06/29 18:01:23	0.750	66.3	9.9
849	2010/06/29 18:04:59	1.000	77.8	6.6
850	2010/06/29 18:05:52	0.750	66.1	9.0
851	2010/06/29 18:05:53	0.875	64.1	7.3
852	2010/06/29 18:06:48	0.875	63.0	8.6
853	2010/06/29 18:11:50	1.000	74.3	11.4
854	2010/06/29 18:13:47	0.750	77.2	9.2
855	2010/06/29 18:13:54	0.875	69.8	9.1
856	2010/06/29 18:18:29	0.625	64.8	9.9
857	2010/06/29 18:18:30	0.750	70.6	11.0
858	2010/06/29 18:20:00	0.750	72.5	8.8
859	2010/06/29 18:20:31	0.750	69.7	8.6
860	2010/06/29 18:24:21	0.875	57.3	9.1
861	2010/06/29 18:27:10	1.000	58.8	7.8
862	2010/06/29 18:30:39	0.625	74.9	12.1
863	2010/06/29 18:30:50	0.750	65.3	9.5
864	2010/06/29 18:35:02	0.625	76.6	10.5
865	2010/06/29 18:37:25	0.625	79.6	9.8

866	2010/06/29 18:37:46	0.875	63.3	8.2
867	2010/06/29 18:38:19	1.000	62.5	8.1
868	2010/06/29 18:39:00	0.750	70.3	9.1
869	2010/06/29 18:41:31	0.750	62.0	8.8
870	2010/06/29 18:45:40	0.750	81.7	8.6
871	2010/06/29 18:46:18	0.750	72.4	10.4
872	2010/06/29 18:53:54	1.000	59.6	8.1
873	2010/06/29 18:54:18	0.750	70.1	6.6
874	2010/06/29 18:55:42	0.750	64.8	10.6
875	2010/06/29 18:57:16	0.875	83.9	6.6
876	2010/06/29 19:00:54	0.750	68.1	9.2
877	2010/06/29 19:03:02	0.750	55.4	8.2
878	2010/06/29 19:03:04	0.875	53.7	6.5
879	2010/06/29 19:03:07	1.000	56.3	7.7
880	2010/06/29 19:03:09	0.875	57.9	8.9
881	2010/06/29 19:08:10	0.875	66.6	9.4
882	2010/06/29 19:08:47	0.875	79.2	7.2
883	2010/06/29 19:09:08	0.750	74.5	9.1
884	2010/06/29 19:11:38	0.750	67.3	6.6
885	2010/06/29 19:11:44	0.875	62.3	9.7
886	2010/06/29 19:11:45	0.750	64.0	9.0
887	2010/06/29 19:13:47	0.875	73.1	8.3
888	2010/06/29 19:17:56	0.750	81.3	8.9
889	2010/06/29 19:20:47	1.000	66.7	8.2
890	2010/06/29 19:22:29	1.000	65.9	10.1
891	2010/06/29 19:26:33	0.750	76.2	9.4
892	2010/06/29 19:32:23	0.750	81.7	9.8
893	2010/06/29 19:33:36	0.750	59.8	8.5
894	2010/06/29 19:40:33	0.625	73.3	11.6
895	2010/06/29 19:40:40	0.625	64.9	10.6
896	2010/06/29 19:40:48	0.750	77.6	7.8
897	2010/06/29 19:41:32	0.625	89.7	13.0

898	2010/06/29 19:41:47	0.750	83.9	11.7
899	2010/06/29 19:41:51	0.750	77.0	8.1
900	2010/06/29 19:41:59	0.625	84.4	11.7
901	2010/06/29 19:42:08	0.875	81.0	8.7
902	2010/06/29 19:45:18	0.625	84.0	9.7
903	2010/06/29 19:46:44	0.625	63.0	9.6
904	2010/06/29 19:46:54	0.875	69.2	10.0
905	2010/06/29 19:47:27	0.875	66.8	9.0
906	2010/06/29 19:48:12	0.875	59.0	6.5
907	2010/06/29 20:02:34	0.750	65.6	7.9
908	2010/06/29 20:12:36	0.625	83.5	10.1
909	2010/06/29 20:16:58	1.000	55.5	7.9
910	2010/06/29 20:17:00	0.625	64.3	10.9
911	2010/06/29 20:17:01	0.750	59.6	10.5
912	2010/06/29 20:22:12	0.875	66.2	8.6
913	2010/06/29 20:25:58	1.000	65.6	7.1
914	2010/06/29 20:29:04	0.750	69.3	10.8
915	2010/06/29 20:39:14	0.625	69.8	10.7
916	2010/06/29 20:39:18	0.875	59.4	8.4
917	2010/06/29 20:40:50	0.625	76.3	11.5
918	2010/06/29 20:42:35	0.750	81.2	9.4
919	2010/06/29 20:49:26	0.875	61.0	9.3
920	2010/06/29 20:49:57	0.750	64.2	10.1
921	2010/06/29 20:59:42	0.625	70.4	10.9
922	2010/06/29 20:59:43	0.750	68.6	9.0
923	2010/06/29 21:05:36	1.000	55.6	7.4
924	2010/06/29 21:07:44	0.750	60.4	9.6
925	2010/06/29 21:15:32	0.750	65.5	8.2
926	2010/06/29 21:16:01	0.875	70.1	8.4
927	2010/06/29 21:16:10	1.000	67.2	8.7
928	2010/06/29 21:18:25	0.875	63.4	6.8
929	2010/06/29 21:22:24	0.750	64.5	8.8

930	2010/06/29 21:28:09	1.000	62.2	8.4
931	2010/06/29 21:28:15	0.625	59.7	11.9
932	2010/06/29 21:41:58	0.875	68.1	7.6
933	2010/06/29 21:48:50	0.625	60.4	10.6
934	2010/06/29 21:48:51	0.875	61.3	9.2
935	2010/06/29 21:51:25	1.000	67.3	7.8
936	2010/06/29 21:52:40	0.875	61.3	8.2
937	2010/06/29 21:52:47	0.750	58.7	7.8
938	2010/06/29 21:58:52	0.750	65.5	9.8
939	2010/06/29 21:59:56	1.000	65.8	6.6
940	2010/06/29 22:00:03	0.875	67.7	9.0
941	2010/06/29 22:04:33	0.875	60.8	10.3
942	2010/06/29 22:04:42	0.750	62.9	9.8
943	2010/06/29 22:05:00	0.750	59.6	10.3
944	2010/06/29 22:05:25	0.875	66.0	8.1
945	2010/06/29 22:14:44	1.000	58.2	7.4
946	2010/06/29 22:20:13	0.750	60.0	9.2
947	2010/06/29 22:23:19	0.875	55.2	8.6
948	2010/06/29 22:23:24	1.000	57.0	8.4
949	2010/06/29 22:23:28	0.750	55.1	9.3
950	2010/06/29 22:23:41	0.625	55.4	9.6
951	2010/06/29 22:24:42	0.750	56.9	9.0
952	2010/06/29 22:24:45	0.875	52.8	8.1
953	2010/06/29 22:26:54	0.875	52.3	7.5
954	2010/06/29 22:27:11	0.875	57.0	8.8
955	2010/06/29 22:27:37	0.875	56.5	7.5
956	2010/06/29 22:27:42	0.625	53.0	9.0
957	2010/06/29 22:38:13	0.625	62.6	10.7
958	2010/06/29 22:38:14	0.875	56.7	8.6
959	2010/06/29 22:38:30	1.000	59.9	6.4
960	2010/06/29 22:38:49	0.750	67.7	9.8
961	2010/06/29 22:39:07	0.750	83.2	6.4



962	2010/06/29 22:45:37	1.000	55.1	8.0
963	2010/06/29 22:57:06	0.875	54.1	9.9
964	2010/06/29 22:57:11	0.875	63.5	8.6
965	2010/06/29 23:03:52	0.750	54.5	10.8
966	2010/06/29 23:12:15	0.875	66.7	10.0
967	2010/06/29 23:14:51	0.750	57.3	11.3
968	2010/06/29 23:15:03	0.625	61.0	9.5
969	2010/06/29 23:15:05	0.875	59.1	7.9
970	2010/06/29 23:20:30	1.000	62.9	11.2
971	2010/06/29 23:20:32	0.625	64.9	11.4
972	2010/06/29 23:20:33	0.500	57.5	11.1
973	2010/06/29 23:20:34	0.500	60.4	10.5
974	2010/06/29 23:20:40	1.000	61.3	12.8
975	2010/06/29 23:20:57	0.750	85.7	12.1
976	2010/06/29 23:20:59	0.500	67.8	13.7
977	2010/06/29 23:21:04	0.750	59.5	14.4
978	2010/06/29 23:21:14	0.625	93.3	12.0
979	2010/06/29 23:21:15	0.625	88.7	11.7
980	2010/06/29 23:21:17	0.500	87.6	10.3
981	2010/06/29 23:21:18	0.625	91.6	12.8
982	2010/06/29 23:21:21	0.500	83.9	12.0
983	2010/06/29 23:21:22	0.875	89.6	12.5
984	2010/06/29 23:21:24	0.500	86.2	10.2
985	2010/06/29 23:21:32	0.625	84.8	12.7
986	2010/06/29 23:21:34	0.625	82.8	14.2
987	2010/06/29 23:21:42	0.750	86.9	13.5
988	2010/06/29 23:22:36	0.625	63.7	10.0
989	2010/06/29 23:23:02	0.875	68.4	6.6
990	2010/06/29 23:23:59	0.625	64.9	9.7
991	2010/06/29 23:24:04	0.750	52.3	6.6
992	2010/06/29 23:24:21	1.000	66.6	9.9
993	2010/06/29 23:26:17	0.875	62.9	7.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

994	2010/06/29 23:26:20	0.875	59.3	7.4
995	2010/06/29 23:26:41	0.875	50.7	9.5
996	2010/06/29 23:26:53	0.750	61.0	10.2
997	2010/06/29 23:27:12	0.625	53.9	9.0
998	2010/06/29 23:29:49	0.875	60.5	8.1
999	2010/06/29 23:29:58	1.000	56.3	7.2
1000	2010/06/29 23:30:02	1.000	57.7	7.7
1001	2010/06/29 23:30:05	0.875	58.3	8.9
1002	2010/06/29 23:31:47	0.625	56.9	9.0
1003	2010/06/29 23:31:50	0.750	57.9	10.8
1004	2010/06/29 23:31:52	0.625	52.7	9.3
1005	2010/06/29 23:31:59	0.625	56.3	10.9

### RICONOSCIMENTO COMPONENTI TONALI

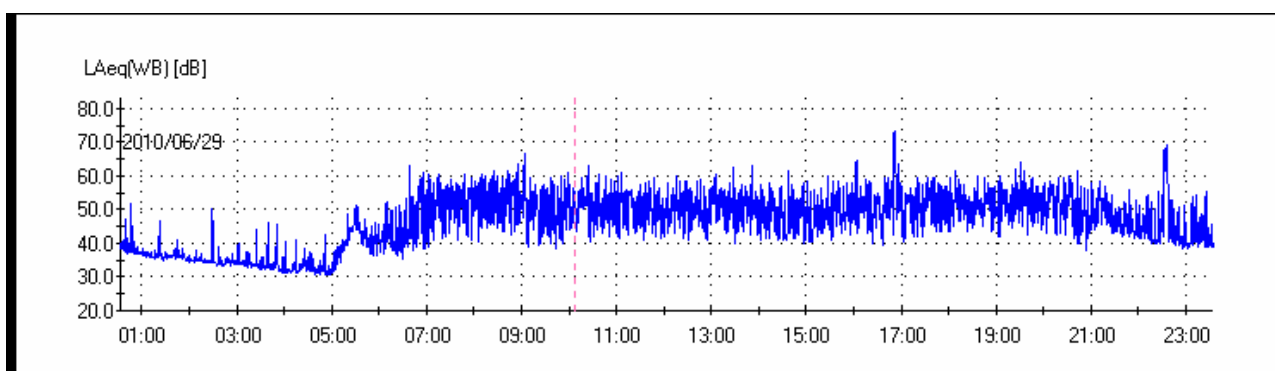
Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

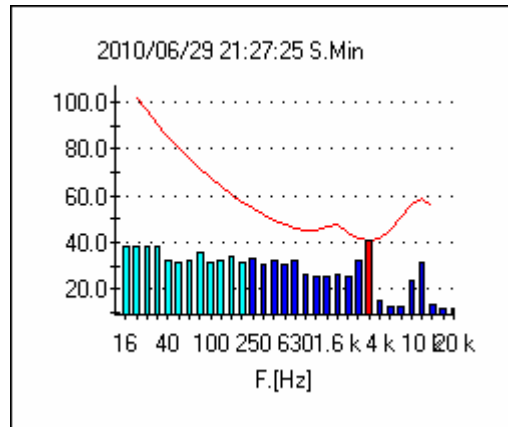


SOGLIE	
PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 63	0.0
Freq: 100	0.0
Freq: 125	0.1
Freq: 160	0.1
Freq: 200	0.0
Freq: 250	0.1
Freq: 315	0.1
Freq: 400	0.1
Freq: 500	0.3
Freq: 630	0.2
Freq: 800	0.2
Freq: 1 k	0.4

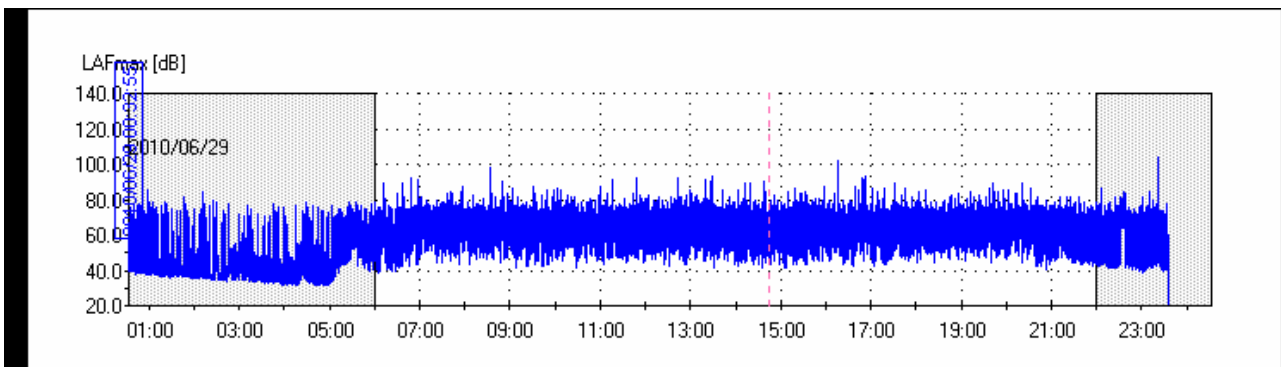
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Freq: 1.25 k	0.1
Freq: 2.5 k	0.1
<b>Freq: 3.15 k</b>	<b>9.1</b>
Freq: 4 k	0.4
Freq: 5 k	1.1
Freq: 6.3 k	0.1
<b>PENALIZZAZIONI</b>	
<b>Penalizzazione BF: No</b>	
<b>Penalizzazione AF: 3dB</b>	

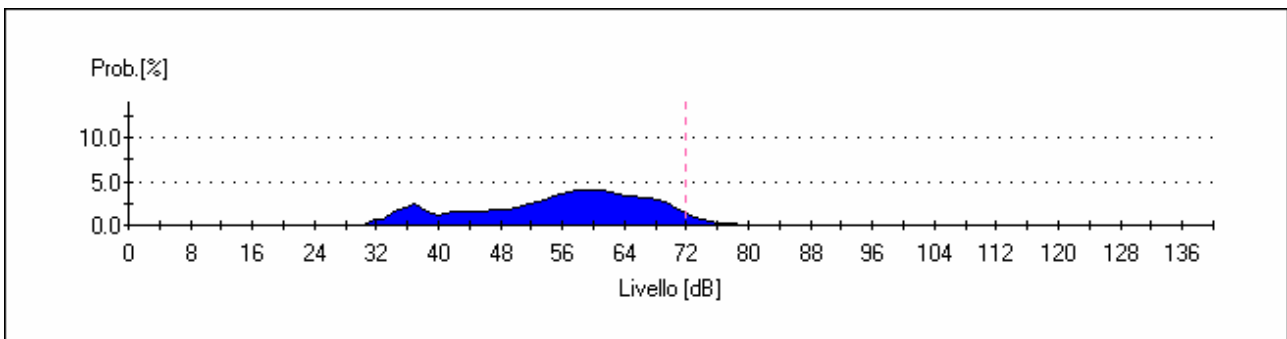
TIME HISTORY COMPONENTI TONALI



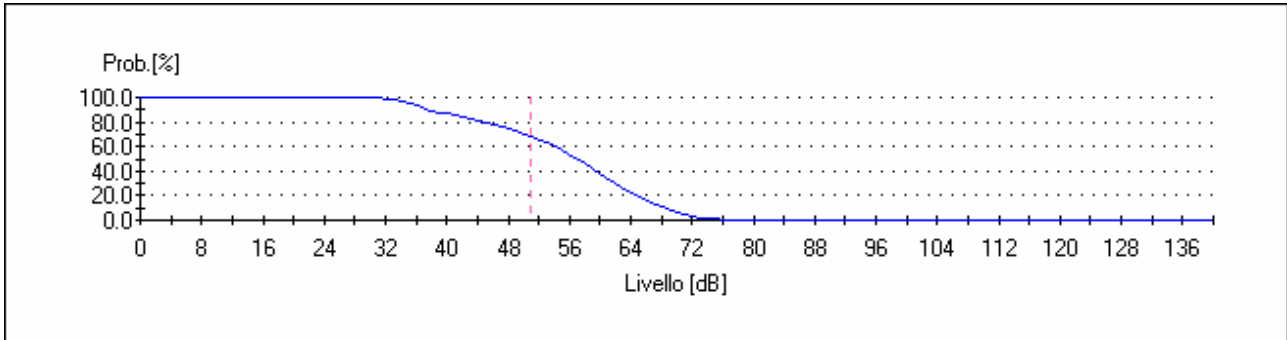
IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



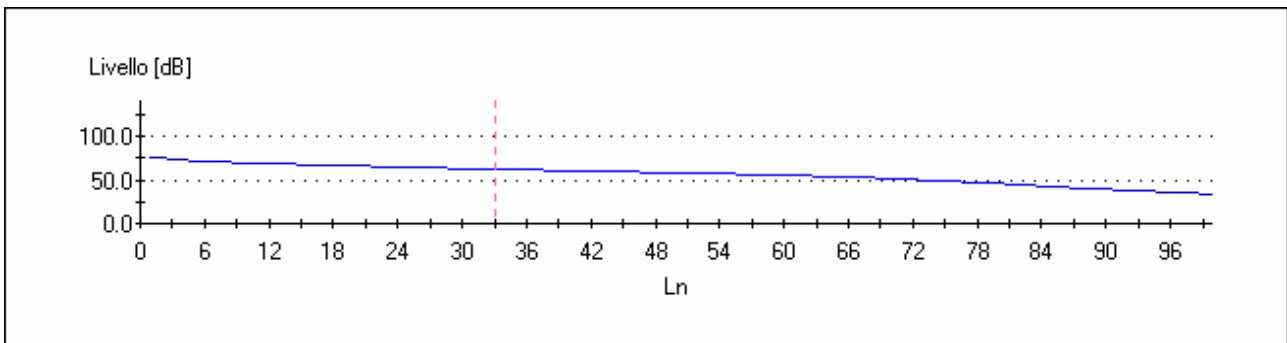
DISTRIBUTIVA



CUMULATIVA



**GRAFICO PERCENTILI**



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
------------	----------

0	75.0
1	75.0
2	73.0
3	72.5
4	72.0
5	71.0
6	70.7
7	70.3
8	70.0
9	69.5
10	69.0
11	68.7
12	68.3
13	68.0
14	67.7
15	67.3
16	67.0
17	66.7
18	66.3
19	66.0
20	65.7
21	65.3
22	65.0
23	64.8
24	64.5
25	64.3
26	64.0
27	63.7
28	63.3
29	63.0
30	62.8
31	62.5

32	62.3
33	62.0
34	61.8
35	61.5
36	61.3
37	61.0
38	60.8
39	60.5
40	60.3
41	60.0
42	59.8
43	59.5
44	59.3
45	59.0
46	58.8
47	58.5
48	58.3
49	58.0
50	57.8
51	57.5
52	57.3
53	57.0
54	56.7
55	56.3
56	56.0
57	55.8
58	55.5
59	55.3
60	55.0
61	54.7
62	54.3
63	54.0



64	53.5
65	53.0
66	52.7
67	52.3
68	52.0
69	51.5
70	51.0
71	50.5
72	50.0
73	49.5
74	49.0
75	48.0
76	47.5
77	47.0
78	46.5
79	46.0
80	45.0
81	44.5
82	44.0
83	43.0
84	42.5
85	42.0
86	41.0
87	40.5
88	40.0
89	39.0
90	38.5
91	38.0
92	37.5
93	37.0
94	36.5
95	36.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

96	35.5
97	35.0
98	34.0
<b>99</b>	<b>33.0</b>

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	76.0
<b>1</b>	<b>76.0</b>
2	74.0
3	73.0
4	72.5
<b>5</b>	<b>72.0</b>
6	71.5
7	71.0
8	70.7
9	70.3
<b>10</b>	<b>70.0</b>
11	69.7
12	69.3
13	69.0
14	68.8
15	68.5
16	68.3
17	68.0
18	67.8
19	67.5
20	67.3
21	67.0
22	66.8
23	66.5

24	66.3
25	66.0
26	65.8
27	65.6
28	65.4
29	65.2
30	65.0
31	64.8
32	64.5
33	64.3
34	64.0
35	63.8
36	63.6
37	63.4
38	63.2
39	63.0
40	62.8
41	62.6
42	62.4
43	62.2
44	62.0
45	61.8
46	61.6
47	61.4
48	61.2
49	61.0
50	60.8
51	60.6
52	60.4
53	60.2
54	60.0
55	59.8

56	59.6
57	59.4
58	59.2
59	59.0
60	58.8
61	58.6
62	58.4
63	58.2
64	58.0
65	57.8
66	57.6
67	57.4
68	57.2
69	57.0
70	56.8
71	56.5
72	56.3
73	56.0
74	55.8
75	55.5
76	55.3
77	55.0
78	54.8
79	54.5
80	54.3
81	54.0
82	53.7
83	53.3
84	53.0
85	52.5
86	52.0
87	51.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

88	51.3
89	51.0
90	50.5
91	50.0
92	49.0
93	48.5
94	48.0
95	47.0
96	46.0
97	45.0
98	44.0
99	43.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	72.0
1	72.0
2	70.0
3	69.0
4	67.0
5	66.0
6	65.0
7	64.0
8	63.0
9	62.0
10	61.0
11	60.0
12	59.5
13	59.0
14	58.0
15	57.5

16	57.0
17	56.5
18	56.0
19	55.0
20	54.5
21	54.0
22	53.5
23	53.0
24	52.5
25	52.0
26	51.5
27	51.0
28	50.5
29	50.0
30	49.5
31	49.0
32	48.7
33	48.3
34	48.0
35	47.5
36	47.0
37	46.7
38	46.3
39	46.0
40	45.7
41	45.3
42	45.0
43	44.7
44	44.3
45	44.0
46	43.8
47	43.5

48	43.3
49	43.0
50	42.8
51	42.5
52	42.3
53	42.0
54	41.8
55	41.5
56	41.3
57	41.0
58	40.8
59	40.5
60	40.3
61	40.0
62	39.8
63	39.5
64	39.3
65	39.0
66	38.8
67	38.6
68	38.4
69	38.2
70	38.0
71	37.9
72	37.8
73	37.6
74	37.5
75	37.4
76	37.3
77	37.1
78	37.0
79	36.9

80	36.7
81	36.6
82	36.4
83	36.3
84	36.1
85	36.0
86	35.8
87	35.6
88	35.4
89	35.2
90	35.0
91	34.8
92	34.5
93	34.3
94	34.0
95	33.7
96	33.3
97	33.0
98	32.5
99	32.0

LIVELLI DI IMPULS- FAST E SLOW  
MAX NELLE 24 ORE



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

LAIp [dB]	LASp [dB]	LAFp [dB]
85,9	82,5	85,5
101,3	89,7	97,6
94,9	89	92,6
104,6	95,4	102,1
94,8	87,4	89,7
108,3	95	103,5
<b>108,3</b>	<b>95,4</b>	<b>103,5</b>

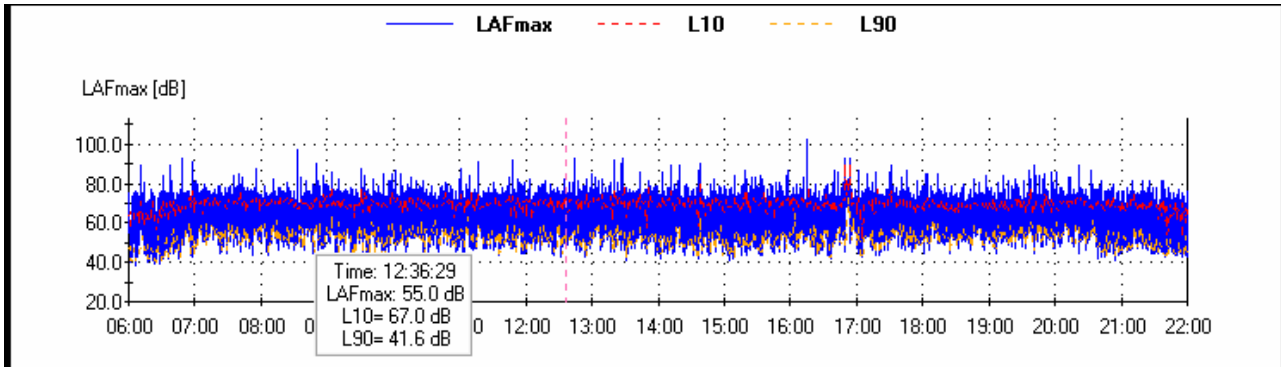
LIVELLI di **Impuls – fast – slow** massimi nelle **16** ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
101,3	89,7	97,6
94,9	89	92,6
104,6	95,4	102,1
94,8	87,4	89,7
82,4	79	81,6
<b>104,6</b>	<b>95,4</b>	<b>102,1</b>

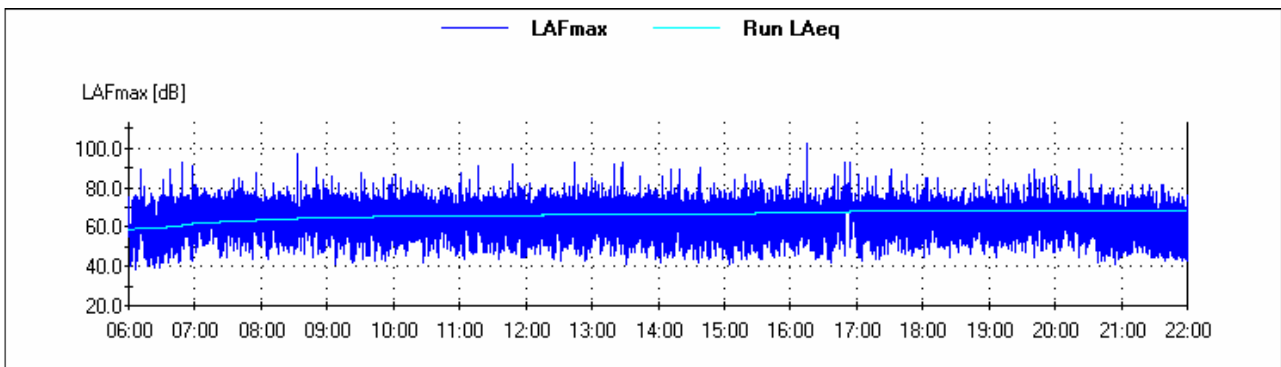
LIVELLI di **Impuls – fast – slow** massimi nelle **8** ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
85,9	82,5	85,5
79,8	76,2	78,8
108,3	95	103,5
<b>108,3</b>	<b>95</b>	<b>103,5</b>

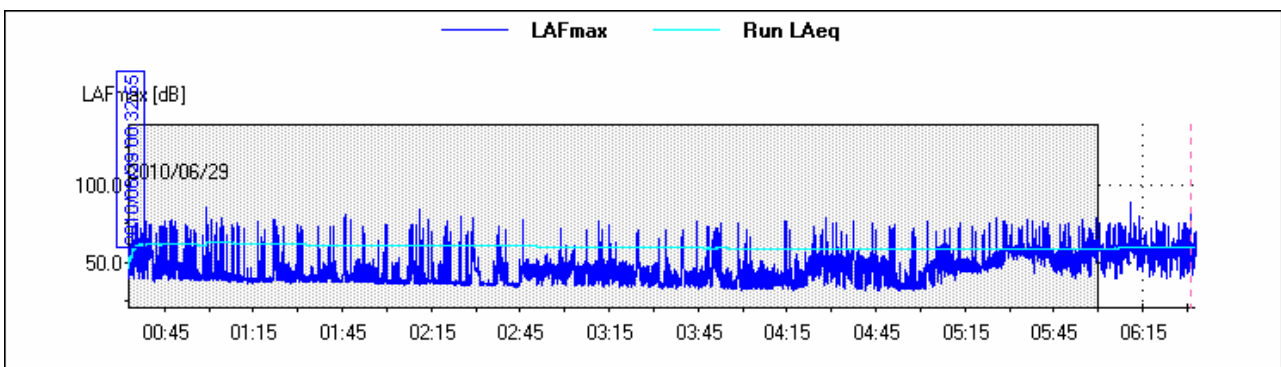
### TIME HISTORY L10 – L90



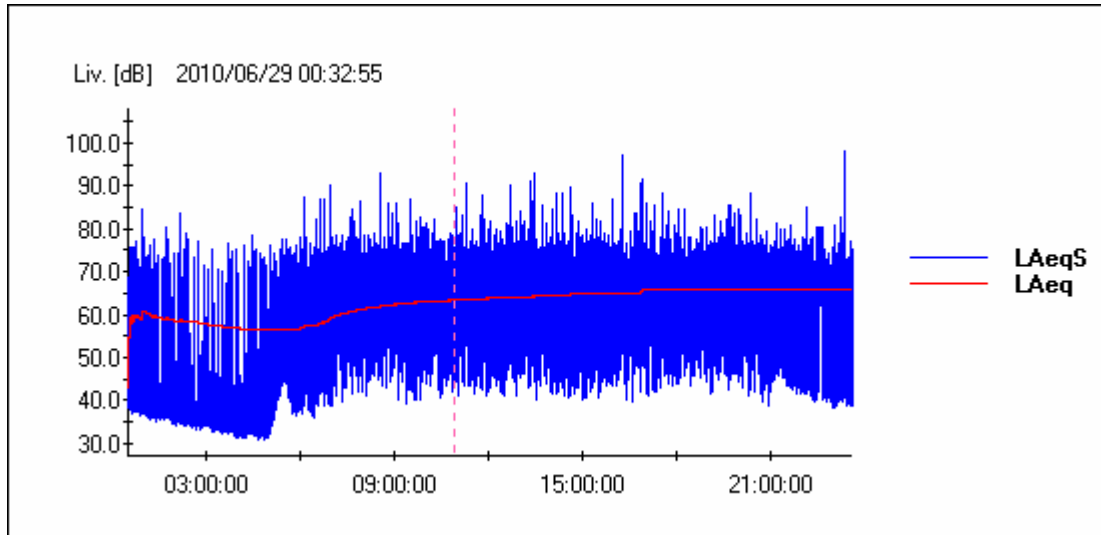
**RUNNING Leq DIURNO**



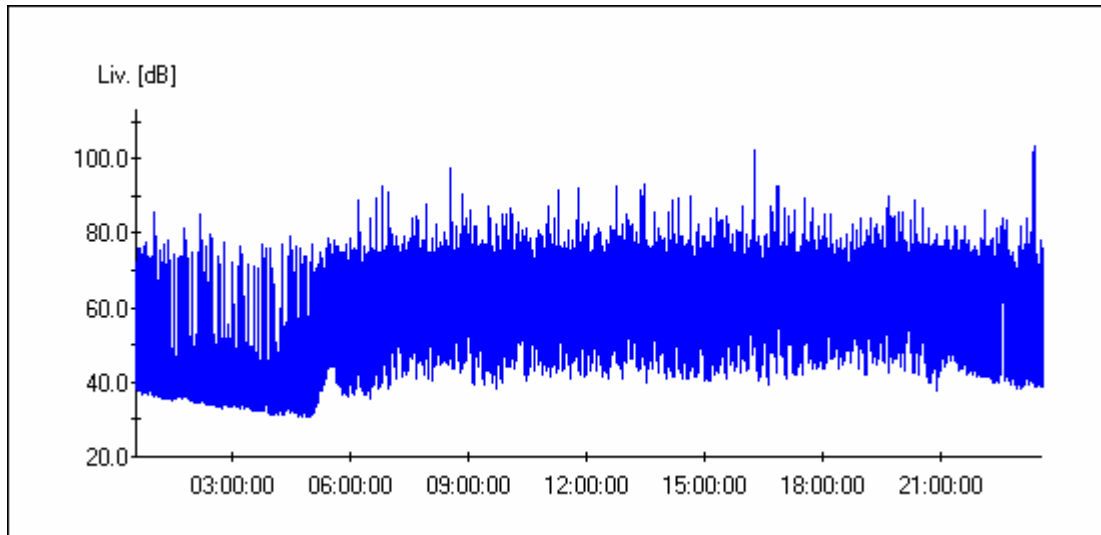
**RUNNING Leq NOTTURNO**



LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_12_S</b>	Indirizzo <b>VIA FIUMARA GUARDIA</b>
<b>Descrizione del punto di misura/ricettore</b>		
<b>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata in una piazzola adiacente la carreggiata stradale</b>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO	
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0 Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_12_S</b>	Indirizzo <b>VIA FIUMARA GUARDIA</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	19/07/10	82.5	0	0		82.5	60
Notte	22-6h	19/07/10	62.3	0	0	0	62.3	50

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_12_S</b>
Data inizio	<b>19/07/2010</b>
Ora inizio	<b>0.44.29</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	80.9	82.5	62.3
L1	[dBA]	94.0	95.0	74.0
L5	[dBA]	86.0	88.0	68.0
L10	[dBA]	81.5	84.5	64.0
L50	[dBA]	58.7	63.0	47.4
L90	[dBA]	46.4	49.5	45.3
L95	[dBA]	45.6	48.3	44.8
L99	[dBA]	44.0	47.0	44.0
Llmax	[dBA]	112.0	112.0	97.0
LFmax	[dBA]	107.2	107.2	92.3
LSmax	[dBA]	102.3	102.3	83.8
KI	[dBA]	0	0	0
KT	[dBA]	0	0	0
KB	[dBA]	0	0	0
L <sub>AeqTRC</sub>		80.9	82.5	62.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_12_S</b>	Indirizzo <b>VIA FIUMARA GUARDIA</b>
-------	----------------------------	---

<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>19</b>	<b>21</b>	<b>24</b>	<b>12</b>	<b>19</b>	<b>6</b>	<b>14</b>	<b>10</b>
Veic. Pesanti / 10'	<b>5</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>2.75</b>	<b>0</b>	<b>1</b>	<b>0.5</b>
Motocicli / 10'	<b>4</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>3.25</b>	<b>2</b>	<b>1</b>	<b>1.5</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>24.2</b>	<b>26.6</b>	<b>29.6</b>	<b>24</b>	<b>26.1</b>	<b>22.2</b>	<b>20.3</b>	<b>21.25</b>
Umidità relativa	<b>65</b>	<b>72</b>	<b>69</b>	<b>62</b>	<b>67</b>	<b>58</b>	<b>78</b>	<b>68</b>
Velocità vento	<b>2.4</b>	<b>1.8</b>	<b>1.2</b>	<b>2.8</b>	<b>2.05</b>	<b>1.5</b>	<b>1.2</b>	<b>1.35</b>
Direzione vento	<b>W</b>	<b>W</b>	<b>N W</b>	<b>N W</b>		<b>N W</b>	<b>N W</b>	

**Fotografia del punto di misura**

MONITORAGGIO EMISSIONI DI RUMORE PER LA  
MAPPATURA DI CLIMA ACUSTICO VOL.1/2

Codice documento  
AS0105\_F0.docx

Rev  
F0

Data  
20/06/2011



Punto

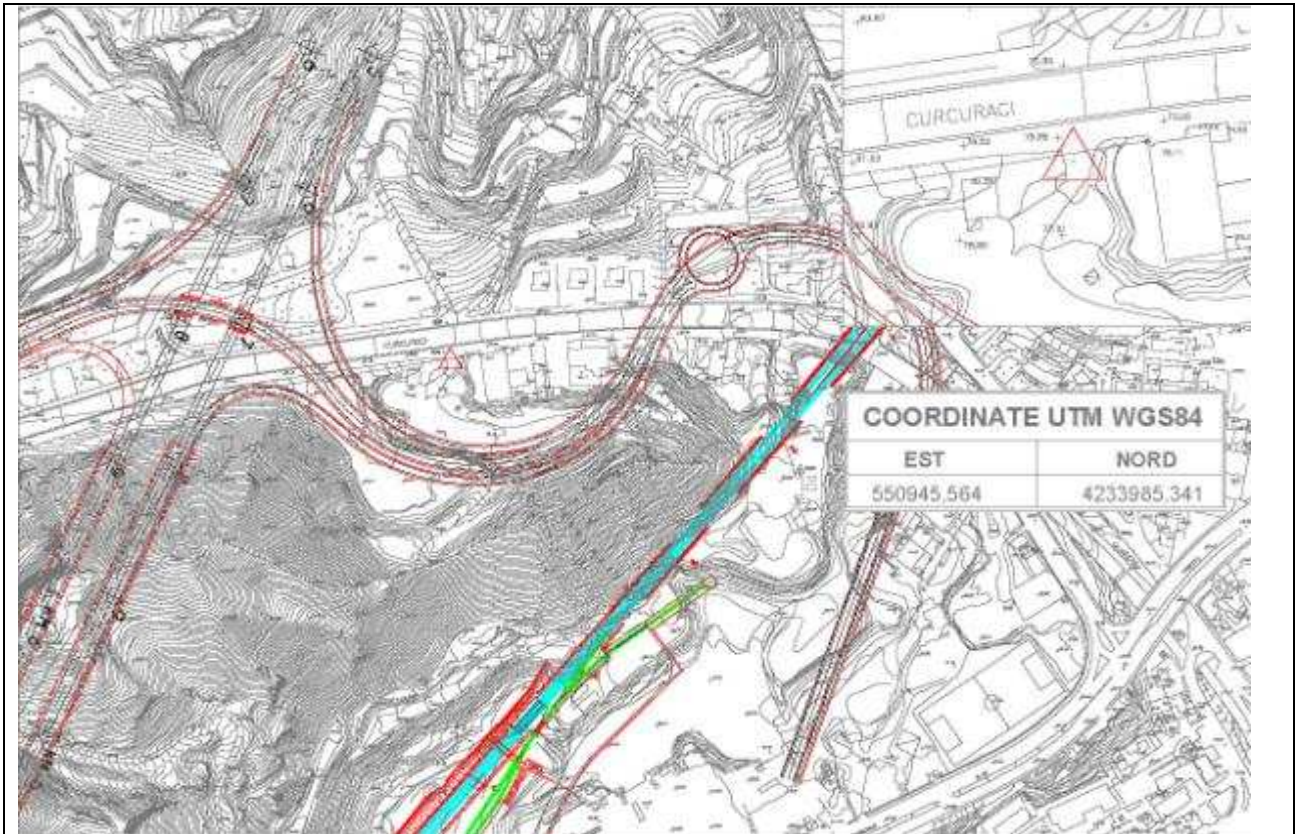
Ricettore

**R\_12\_S**

Indirizzo

**VIA FIUMARA GUARDIA**

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



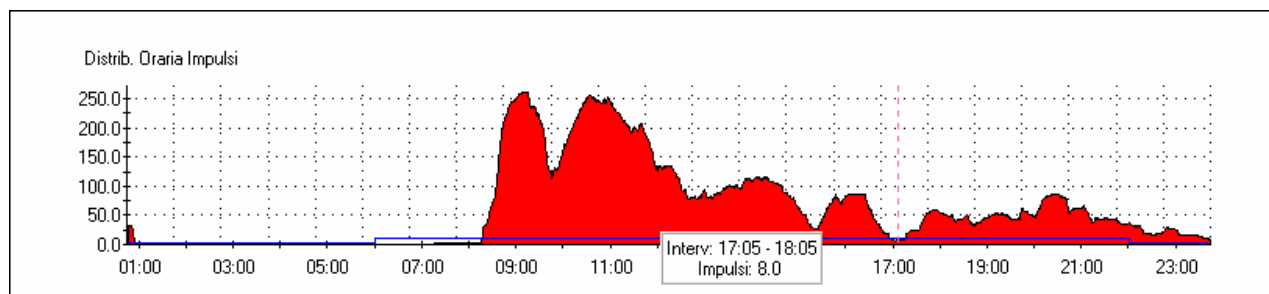
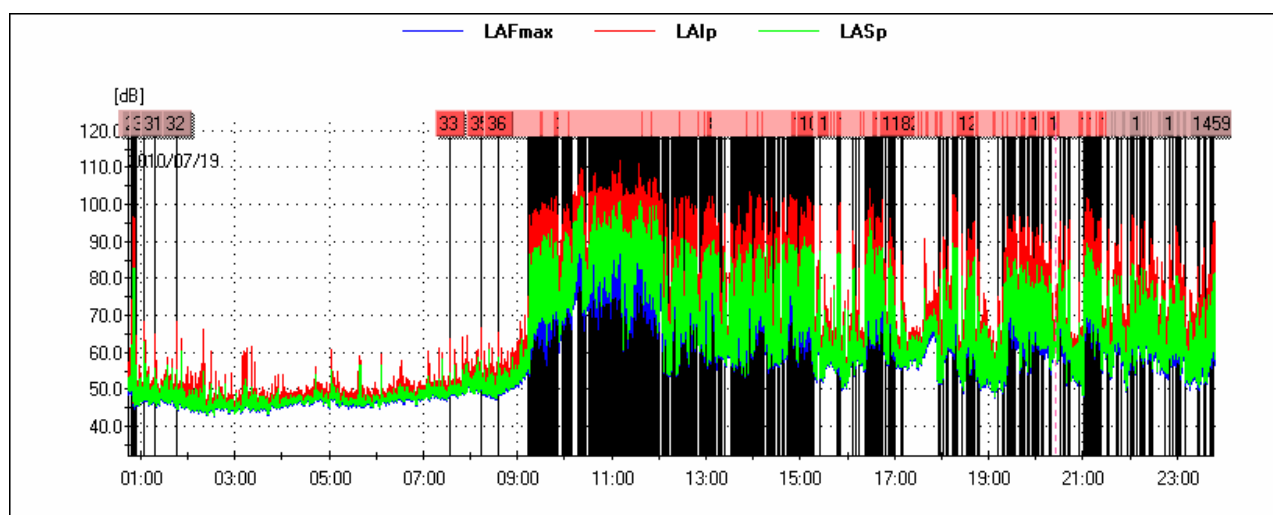
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/19 00:49:00	0.750	66.2	11.1
2	2010/07/19 00:49:01	1.000	69.3	11.9
3	2010/07/19 00:49:34	0.500	87.3	13.5
4	2010/07/19 00:49:36	0.500	90.0	13.6
5	2010/07/19 00:49:37	0.625	74.5	15.0
6	2010/07/19 00:49:46	0.500	87.8	13.7
7	2010/07/19 00:49:48	0.875	63.6	15.9
8	2010/07/19 00:49:59	0.875	84.0	12.9
9	2010/07/19 00:50:00	0.625	88.1	12.8
10	2010/07/19 00:50:04	0.500	90.7	13.7
11	2010/07/19 00:50:33	0.500	83.7	13.1
12	2010/07/19 00:50:37	0.625	81.0	12.9
13	2010/07/19 00:50:42	1.000	85.1	11.7
14	2010/07/19 00:50:43	0.500	82.9	10.7
15	2010/07/19 00:51:07	0.625	72.0	11.7
16	2010/07/19 00:51:09	0.500	83.1	13.5
17	2010/07/19 00:51:12	0.625	91.6	14.0
18	2010/07/19 00:51:16	0.625	75.0	16.8
19	2010/07/19 00:51:27	0.750	64.0	9.3
20	2010/07/19 00:51:30	0.750	62.1	6.3
21	2010/07/19 00:51:40	0.500	91.4	13.7
22	2010/07/19 00:51:44	0.500	89.6	13.2
23	2010/07/19 00:51:50	0.875	64.2	18.4
24	2010/07/19 00:51:54	0.500	89.1	13.9
25	2010/07/19 00:52:08	0.875	64.3	11.6
26	2010/07/19 00:52:10	1.000	61.2	8.1
27	2010/07/19 00:53:05	0.750	60.9	9.4
28	2010/07/19 00:53:11	1.000	62.5	7.6
29	2010/07/19 00:53:57	0.875	61.7	8.9

30	2010/07/19 01:05:11	1.000	63.9	7.6
31	2010/07/19 01:19:13	0.875	61.8	9.2
32	2010/07/19 01:46:11	0.625	63.6	13.1
33	2010/07/19 07:33:14	0.750	60.5	9.3
34	2010/07/19 08:13:25	0.750	63.9	8.8
35	2010/07/19 08:13:28	0.875	61.8	7.7
36	2010/07/19 08:36:32	1.000	64.0	6.7
37	2010/07/19 09:12:42	1.000	71.2	10.7
38	2010/07/19 09:14:29	0.875	71.4	9.0
39	2010/07/19 09:14:51	0.875	74.3	10.5
40	2010/07/19 09:14:52	0.750	76.1	8.5
41	2010/07/19 09:14:57	0.500	90.3	12.7
42	2010/07/19 09:15:00	0.625	84.6	11.9
43	2010/07/19 09:15:01	0.875	92.3	13.0
44	2010/07/19 09:15:13	0.750	82.8	10.0
45	2010/07/19 09:15:16	0.625	89.3	11.1
46	2010/07/19 09:15:21	0.875	81.1	9.9
47	2010/07/19 09:15:35	0.625	84.8	11.0
48	2010/07/19 09:15:49	0.500	85.6	11.9
49	2010/07/19 09:15:50	0.625	83.5	10.5
50	2010/07/19 09:15:55	0.875	83.9	10.1
51	2010/07/19 09:15:57	0.500	88.3	12.9
52	2010/07/19 09:16:00	0.500	84.8	13.1
53	2010/07/19 09:16:03	0.500	90.8	13.5
54	2010/07/19 09:16:03	0.625	84.5	13.8
55	2010/07/19 09:16:04	0.625	78.3	13.5
56	2010/07/19 09:16:09	0.625	87.5	12.3
57	2010/07/19 09:16:11	0.625	90.0	12.7
58	2010/07/19 09:16:12	0.625	90.9	12.2
59	2010/07/19 09:16:13	0.750	90.2	10.0
60	2010/07/19 09:16:18	0.625	81.5	11.8
61	2010/07/19 09:16:27	0.625	89.4	12.3

62	2010/07/19 09:16:34	0.750	87.8	9.9
63	2010/07/19 09:16:36	0.750	85.8	10.8
64	2010/07/19 09:16:39	0.500	85.5	12.1
65	2010/07/19 09:17:07	0.625	81.6	11.7
66	2010/07/19 09:17:16	0.625	84.1	12.0
67	2010/07/19 09:17:35	0.625	84.4	12.8
68	2010/07/19 09:18:56	0.750	79.8	12.1
69	2010/07/19 09:20:01	0.625	94.7	10.7
70	2010/07/19 09:20:54	0.625	89.3	13.6
71	2010/07/19 09:21:05	1.000	85.9	7.1
72	2010/07/19 09:21:11	0.500	91.2	12.0
73	2010/07/19 09:21:15	0.500	86.2	12.2
74	2010/07/19 09:21:37	0.875	84.7	12.6
75	2010/07/19 09:22:47	0.750	92.7	13.3
76	2010/07/19 09:22:55	0.750	87.4	10.1
77	2010/07/19 09:23:01	1.000	89.5	10.0
78	2010/07/19 09:23:20	0.625	90.5	11.4
79	2010/07/19 09:23:23	0.625	87.7	7.6
80	2010/07/19 09:23:26	0.750	85.8	9.7
81	2010/07/19 09:23:28	0.750	87.4	11.9
82	2010/07/19 09:23:32	1.000	89.3	9.2
83	2010/07/19 09:23:33	1.000	90.1	9.4
84	2010/07/19 09:23:40	0.750	87.2	10.2
85	2010/07/19 09:23:45	0.750	87.4	10.0
86	2010/07/19 09:24:18	1.000	84.7	6.5
87	2010/07/19 09:24:21	0.750	88.7	10.4
88	2010/07/19 09:24:23	0.750	74.9	11.2
89	2010/07/19 09:24:33	0.750	82.8	10.6
90	2010/07/19 09:24:35	1.000	90.3	9.3
91	2010/07/19 09:24:38	0.750	90.4	8.6
92	2010/07/19 09:24:43	1.000	90.4	8.0
93	2010/07/19 09:25:41	0.750	84.1	7.6

94	2010/07/19 09:25:56	0.750	85.5	6.5
95	2010/07/19 09:26:09	0.750	84.1	7.4
96	2010/07/19 09:26:31	0.625	91.9	11.9
97	2010/07/19 09:26:34	0.875	89.8	8.8
98	2010/07/19 09:27:02	0.625	91.2	12.5
99	2010/07/19 09:27:06	0.625	87.2	12.8
100	2010/07/19 09:27:13	0.750	85.2	11.2
101	2010/07/19 09:27:29	0.750	89.0	9.0
102	2010/07/19 09:27:54	1.000	82.6	11.7
103	2010/07/19 09:27:57	0.625	82.9	11.0
104	2010/07/19 09:28:39	0.625	89.0	11.0
105	2010/07/19 09:28:43	1.000	83.7	9.9
106	2010/07/19 09:28:53	0.875	84.6	8.7
107	2010/07/19 09:28:56	0.750	84.3	12.0
108	2010/07/19 09:29:01	0.625	81.9	11.3
109	2010/07/19 09:29:09	0.875	89.1	12.6
110	2010/07/19 09:29:21	0.875	84.9	10.2
111	2010/07/19 09:29:47	0.500	93.1	13.6
112	2010/07/19 09:29:49	0.750	86.9	12.9
113	2010/07/19 09:30:51	0.500	95.9	12.6
114	2010/07/19 09:30:52	1.000	92.5	10.0
115	2010/07/19 09:31:19	0.875	92.7	11.7
116	2010/07/19 09:31:29	1.000	93.9	13.3
117	2010/07/19 09:31:39	0.750	92.4	9.7
118	2010/07/19 09:31:46	0.750	88.6	11.2
119	2010/07/19 09:32:06	0.750	90.3	11.5
120	2010/07/19 09:32:10	0.875	92.2	10.3
121	2010/07/19 09:32:14	0.875	94.6	11.1
122	2010/07/19 09:32:29	0.500	94.5	13.9
123	2010/07/19 09:32:40	0.750	86.5	6.2
124	2010/07/19 09:32:43	0.625	94.5	13.1
125	2010/07/19 09:32:46	0.875	88.3	6.5

126	2010/07/19 09:32:57	0.875	90.8	7.5
127	2010/07/19 09:32:58	0.875	91.8	8.3
128	2010/07/19 09:33:04	0.625	90.8	8.3
129	2010/07/19 09:33:08	0.500	84.5	8.6
130	2010/07/19 09:33:08	0.625	86.8	8.5
131	2010/07/19 09:33:10	0.750	89.5	9.0
132	2010/07/19 09:33:12	1.000	89.1	11.5
133	2010/07/19 09:33:14	0.625	91.8	11.8
134	2010/07/19 09:33:15	1.000	90.0	7.2
135	2010/07/19 09:33:20	0.875	87.9	10.3
136	2010/07/19 09:33:21	0.500	93.9	12.9
137	2010/07/19 09:33:31	0.750	81.6	9.2
138	2010/07/19 09:33:37	0.750	86.8	10.8
139	2010/07/19 09:33:54	0.875	81.5	9.2
140	2010/07/19 09:34:00	0.875	89.5	9.3
141	2010/07/19 09:34:03	0.625	88.4	11.2
142	2010/07/19 09:34:08	1.000	89.1	8.7
143	2010/07/19 09:34:16	0.750	97.5	9.2
144	2010/07/19 09:34:23	0.750	96.6	8.5
145	2010/07/19 09:34:26	0.625	86.1	9.8
146	2010/07/19 09:34:27	0.875	92.0	10.9
147	2010/07/19 09:34:29	0.750	78.5	12.9
148	2010/07/19 09:34:33	0.875	85.0	10.6
149	2010/07/19 09:34:40	1.000	90.1	10.5
150	2010/07/19 09:34:41	0.625	93.1	11.1
151	2010/07/19 09:34:42	0.750	86.3	11.1
152	2010/07/19 09:35:01	0.875	88.3	8.8
153	2010/07/19 09:35:03	0.625	92.7	10.2
154	2010/07/19 09:35:10	0.875	88.0	7.2
155	2010/07/19 09:35:11	0.750	91.8	8.4
156	2010/07/19 09:35:12	0.750	87.7	6.9
157	2010/07/19 09:35:27	0.750	88.1	11.0

158	2010/07/19 09:35:29	0.500	85.7	11.2
159	2010/07/19 09:35:38	0.750	89.1	11.8
160	2010/07/19 09:35:40	0.750	91.6	12.5
161	2010/07/19 09:35:41	1.000	89.4	7.6
162	2010/07/19 09:35:48	0.625	88.3	11.4
163	2010/07/19 09:35:52	0.875	89.4	9.4
164	2010/07/19 09:35:53	0.625	92.9	9.7
165	2010/07/19 09:35:54	0.625	94.9	11.4
166	2010/07/19 09:35:55	0.625	91.5	11.0
167	2010/07/19 09:35:57	1.000	86.8	10.7
168	2010/07/19 09:36:00	0.625	91.0	13.2
169	2010/07/19 09:36:00	0.750	84.6	12.5
170	2010/07/19 09:36:12	1.000	89.0	10.1
171	2010/07/19 09:36:17	0.750	95.3	10.2
172	2010/07/19 09:36:21	0.625	86.2	9.2
173	2010/07/19 09:36:23	0.750	92.5	9.5
174	2010/07/19 09:36:25	0.500	91.9	13.2
175	2010/07/19 09:36:26	0.875	91.5	8.2
176	2010/07/19 09:36:28	0.625	84.1	8.0
177	2010/07/19 09:36:29	0.750	93.4	8.1
178	2010/07/19 09:36:31	0.625	91.6	10.7
179	2010/07/19 09:36:33	1.000	86.2	9.3
180	2010/07/19 09:36:36	1.000	89.2	10.6
181	2010/07/19 09:36:40	1.000	92.7	11.2
182	2010/07/19 09:36:43	0.750	95.1	9.5
183	2010/07/19 09:36:48	0.750	93.2	9.2
184	2010/07/19 09:36:51	0.875	89.3	9.4
185	2010/07/19 09:36:52	0.500	89.5	10.9
186	2010/07/19 09:36:58	0.750	93.1	7.9
187	2010/07/19 09:37:03	0.875	74.6	9.1
188	2010/07/19 09:37:08	0.500	93.6	10.3
189	2010/07/19 09:37:10	0.625	89.4	9.3

190	2010/07/19 09:37:11	0.875	93.1	10.6
191	2010/07/19 09:37:14	0.625	89.9	10.2
192	2010/07/19 09:37:28	0.750	71.9	11.6
193	2010/07/19 09:37:39	1.000	90.6	11.1
194	2010/07/19 09:37:41	0.625	88.3	9.6
195	2010/07/19 09:37:43	1.000	81.7	8.4
196	2010/07/19 09:37:45	0.875	72.4	9.7
197	2010/07/19 09:37:46	0.500	89.7	13.6
198	2010/07/19 09:37:48	0.750	87.4	9.4
199	2010/07/19 09:37:54	1.000	78.0	11.4
200	2010/07/19 09:37:57	0.500	88.8	9.4
201	2010/07/19 09:38:00	0.500	90.4	12.9
202	2010/07/19 09:38:01	0.750	90.2	8.0
203	2010/07/19 09:38:09	0.500	91.6	11.3
204	2010/07/19 09:38:16	1.000	85.1	10.0
205	2010/07/19 09:38:20	0.625	92.6	11.8
206	2010/07/19 09:38:24	0.625	97.2	9.3
207	2010/07/19 09:38:29	0.625	88.0	10.1
208	2010/07/19 09:38:30	0.625	91.5	12.1
209	2010/07/19 09:38:48	0.875	91.0	10.4
210	2010/07/19 09:38:49	0.875	93.8	6.8
211	2010/07/19 09:38:56	0.500	91.4	10.4
212	2010/07/19 09:38:57	0.625	88.6	9.4
213	2010/07/19 09:39:03	0.875	82.2	9.2
214	2010/07/19 09:39:11	0.875	88.0	7.4
215	2010/07/19 09:39:13	0.625	89.3	11.3
216	2010/07/19 09:39:18	0.750	87.3	12.8
217	2010/07/19 09:39:26	0.500	91.4	13.2
218	2010/07/19 09:39:30	0.875	94.0	9.2
219	2010/07/19 09:39:40	1.000	88.7	9.9
220	2010/07/19 09:39:44	0.625	88.0	9.6
221	2010/07/19 09:39:45	0.625	84.6	9.6



222	2010/07/19 09:39:47	0.750	87.9	9.7
223	2010/07/19 09:39:52	1.000	94.2	8.9
224	2010/07/19 09:39:56	0.875	89.7	9.8
225	2010/07/19 09:39:57	1.000	87.5	9.4
226	2010/07/19 09:39:59	0.750	91.4	10.8
227	2010/07/19 09:40:03	0.625	89.7	10.4
228	2010/07/19 09:40:07	0.625	81.7	11.9
229	2010/07/19 09:40:11	1.000	79.5	8.9
230	2010/07/19 09:40:19	0.875	79.6	11.3
231	2010/07/19 09:40:20	0.625	90.3	13.2
232	2010/07/19 09:40:23	1.000	73.1	14.6
233	2010/07/19 09:40:26	1.000	89.2	12.8
234	2010/07/19 09:41:19	0.875	89.8	10.5
235	2010/07/19 09:41:22	0.875	84.3	7.6
236	2010/07/19 09:41:28	0.875	84.8	8.9
237	2010/07/19 09:41:44	0.625	85.8	10.6
238	2010/07/19 09:42:00	0.625	93.6	13.2
239	2010/07/19 09:42:01	0.500	90.5	11.3
240	2010/07/19 09:42:11	0.625	82.7	10.1
241	2010/07/19 09:42:15	1.000	78.2	11.1
242	2010/07/19 09:42:41	0.750	89.3	11.1
243	2010/07/19 09:42:46	0.625	93.2	6.3
244	2010/07/19 09:43:00	0.625	92.6	13.0
245	2010/07/19 09:43:03	0.625	89.7	10.8
246	2010/07/19 09:43:06	1.000	88.4	12.7
247	2010/07/19 09:43:08	0.750	91.4	11.7
248	2010/07/19 09:43:26	0.625	94.0	11.4
249	2010/07/19 09:43:27	1.000	96.9	8.9
250	2010/07/19 09:43:30	0.500	96.9	12.4
251	2010/07/19 09:43:38	1.000	87.5	11.0
252	2010/07/19 09:43:40	0.750	87.3	11.7
253	2010/07/19 09:43:43	0.625	85.6	11.7

254	2010/07/19 09:43:45	0.625	88.2	12.3
255	2010/07/19 09:43:52	1.000	83.3	10.6
256	2010/07/19 09:43:54	1.000	87.1	12.1
257	2010/07/19 09:43:56	0.625	88.6	11.8
258	2010/07/19 09:44:59	1.000	83.2	8.3
259	2010/07/19 09:45:10	0.625	93.2	12.6
260	2010/07/19 09:46:22	0.625	94.5	12.8
261	2010/07/19 09:46:58	0.625	88.2	9.8
262	2010/07/19 09:47:14	1.000	84.4	8.4
263	2010/07/19 09:47:19	0.625	96.4	13.9
264	2010/07/19 09:47:34	0.625	86.4	10.1
265	2010/07/19 09:47:37	0.750	87.7	11.7
266	2010/07/19 09:47:51	0.500	89.3	10.7
267	2010/07/19 09:47:54	0.625	89.7	11.3
268	2010/07/19 09:48:00	0.625	86.6	11.5
269	2010/07/19 09:48:13	1.000	96.0	11.3
270	2010/07/19 09:48:26	1.000	91.3	9.8
271	2010/07/19 09:48:53	0.625	88.9	8.6
272	2010/07/19 09:49:22	1.000	91.0	9.9
273	2010/07/19 09:49:24	1.000	87.2	10.3
274	2010/07/19 09:49:36	0.875	84.3	8.1
275	2010/07/19 09:49:41	0.625	87.8	11.9
276	2010/07/19 09:50:18	0.625	86.6	11.6
277	2010/07/19 09:50:32	1.000	88.9	9.6
278	2010/07/19 09:51:05	0.875	91.1	11.6
279	2010/07/19 09:51:06	0.750	91.3	11.9
280	2010/07/19 09:51:35	1.000	88.6	11.2
281	2010/07/19 09:51:46	0.875	89.9	10.3
282	2010/07/19 09:51:48	0.750	83.0	8.4
283	2010/07/19 09:52:00	0.750	86.3	10.8
284	2010/07/19 09:52:01	0.750	89.1	10.6
285	2010/07/19 09:56:39	0.625	88.2	10.5

286	2010/07/19 09:56:52	0.750	82.8	12.5
287	2010/07/19 09:58:21	0.625	90.4	11.1
288	2010/07/19 09:59:21	0.500	92.5	11.5
289	2010/07/19 09:59:23	0.625	93.4	12.8
290	2010/07/19 09:59:24	0.625	85.3	12.9
291	2010/07/19 09:59:32	0.875	86.5	11.8
292	2010/07/19 09:59:54	1.000	86.7	10.8
293	2010/07/19 10:00:14	1.000	80.1	10.7
294	2010/07/19 10:01:21	1.000	82.2	8.3
295	2010/07/19 10:01:46	0.875	90.1	8.0
296	2010/07/19 10:01:47	0.750	85.7	8.4
297	2010/07/19 10:02:47	0.750	92.8	12.2
298	2010/07/19 10:04:13	1.000	92.1	9.1
299	2010/07/19 10:06:41	1.000	86.0	8.8
300	2010/07/19 10:07:38	0.875	85.0	8.2
301	2010/07/19 10:09:40	0.750	84.7	9.3
302	2010/07/19 10:16:22	0.875	93.2	9.8
303	2010/07/19 10:17:20	1.000	101.9	8.9
304	2010/07/19 10:17:56	0.500	99.4	10.1
305	2010/07/19 10:18:49	0.750	97.5	10.4
306	2010/07/19 10:18:51	1.000	99.4	9.7
307	2010/07/19 10:20:28	1.000	93.0	9.6
308	2010/07/19 10:20:36	0.750	98.9	11.3
309	2010/07/19 10:21:01	1.000	99.7	9.4
310	2010/07/19 10:21:12	1.000	100.7	6.3
311	2010/07/19 10:22:42	0.750	97.2	7.1
312	2010/07/19 10:24:25	1.000	94.8	6.1
313	2010/07/19 10:24:40	0.625	98.6	13.9
314	2010/07/19 10:24:41	0.750	97.3	9.6
315	2010/07/19 10:24:46	0.625	89.8	8.5
316	2010/07/19 10:24:48	0.750	94.1	12.2
317	2010/07/19 10:25:00	1.000	93.2	9.2

318	2010/07/19 10:25:04	0.625	92.0	8.1
319	2010/07/19 10:25:09	0.625	90.0	10.8
320	2010/07/19 10:25:15	0.750	91.6	13.3
321	2010/07/19 10:25:18	1.000	92.2	9.0
322	2010/07/19 10:26:20	0.875	91.4	10.1
323	2010/07/19 10:30:52	0.500	97.8	13.6
324	2010/07/19 10:31:40	0.875	96.3	12.9
325	2010/07/19 10:32:08	1.000	97.2	11.4
326	2010/07/19 10:32:47	0.875	91.6	7.7
327	2010/07/19 10:33:19	0.625	96.3	13.1
328	2010/07/19 10:33:27	0.875	98.5	11.0
329	2010/07/19 10:33:51	1.000	97.0	11.5
330	2010/07/19 10:34:15	0.750	97.3	10.6
331	2010/07/19 10:34:20	0.750	98.4	8.3
332	2010/07/19 10:34:25	1.000	95.6	7.0
333	2010/07/19 10:34:48	1.000	90.3	8.6
334	2010/07/19 10:35:00	0.625	95.2	13.3
335	2010/07/19 10:35:09	1.000	99.3	7.3
336	2010/07/19 10:35:29	1.000	97.2	11.7
337	2010/07/19 10:35:31	0.625	96.9	10.7
338	2010/07/19 10:35:40	0.750	98.1	12.7
339	2010/07/19 10:35:41	0.625	98.4	11.9
340	2010/07/19 10:37:29	0.875	97.8	9.2
341	2010/07/19 10:38:23	0.750	95.0	10.8
342	2010/07/19 10:38:34	1.000	92.9	9.4
343	2010/07/19 10:38:37	0.625	88.6	9.2
344	2010/07/19 10:38:41	0.750	96.4	13.3
345	2010/07/19 10:38:43	0.875	90.9	9.6
346	2010/07/19 10:38:56	0.750	89.6	9.6
347	2010/07/19 10:39:06	0.750	96.7	12.8
348	2010/07/19 10:39:09	1.000	95.8	11.3
349	2010/07/19 10:39:13	1.000	94.7	9.9

350	2010/07/19 10:39:15	1.000	97.0	11.3
351	2010/07/19 10:39:25	0.625	94.9	11.9
352	2010/07/19 10:39:29	0.625	94.4	9.0
353	2010/07/19 10:39:30	0.625	98.0	11.8
354	2010/07/19 10:39:32	0.625	94.5	10.0
355	2010/07/19 10:39:35	0.750	95.4	11.8
356	2010/07/19 10:39:36	0.625	93.8	10.4
357	2010/07/19 10:39:54	0.750	89.1	10.5
358	2010/07/19 10:40:06	1.000	97.2	10.9
359	2010/07/19 10:40:28	0.875	87.0	12.8
360	2010/07/19 10:41:05	0.875	98.2	11.3
361	2010/07/19 10:41:54	0.625	97.5	10.1
362	2010/07/19 10:42:15	0.750	97.5	12.4
363	2010/07/19 10:42:16	0.500	97.3	11.6
364	2010/07/19 10:42:18	0.625	96.4	12.4
365	2010/07/19 10:42:25	0.500	92.5	10.6
366	2010/07/19 10:42:26	0.750	88.2	9.0
367	2010/07/19 10:42:54	0.625	89.1	11.3
368	2010/07/19 10:43:10	1.000	98.2	8.9
369	2010/07/19 10:43:12	0.875	93.2	8.6
370	2010/07/19 10:43:30	0.875	97.4	8.2
371	2010/07/19 10:43:56	0.750	97.1	9.7
372	2010/07/19 10:44:17	1.000	99.6	9.4
373	2010/07/19 10:44:22	0.625	97.6	11.4
374	2010/07/19 10:44:25	0.750	97.7	10.6
375	2010/07/19 10:44:38	0.500	97.2	12.8
376	2010/07/19 10:44:38	0.500	95.4	11.5
377	2010/07/19 10:44:48	1.000	95.2	10.7
378	2010/07/19 10:44:52	0.750	98.8	10.1
379	2010/07/19 10:44:57	1.000	95.1	10.7
380	2010/07/19 10:45:13	0.875	99.3	10.6
381	2010/07/19 10:45:24	0.750	92.2	7.4

382	2010/07/19 10:45:33	0.750	94.0	12.0
383	2010/07/19 10:45:51	0.875	93.6	11.0
384	2010/07/19 10:45:56	0.750	89.5	10.0
385	2010/07/19 10:46:01	0.500	88.2	12.7
386	2010/07/19 10:46:04	0.500	97.0	13.6
387	2010/07/19 10:46:06	0.625	95.3	11.9
388	2010/07/19 10:46:18	0.750	91.1	12.9
389	2010/07/19 10:46:21	0.625	95.6	12.0
390	2010/07/19 10:46:29	0.750	89.1	10.4
391	2010/07/19 10:46:32	1.000	88.4	7.7
392	2010/07/19 10:46:38	0.750	95.5	13.3
393	2010/07/19 10:46:53	0.750	94.8	12.2
394	2010/07/19 10:47:06	0.875	93.7	8.8
395	2010/07/19 10:47:33	0.875	97.3	10.6
396	2010/07/19 10:47:52	0.875	95.6	9.1
397	2010/07/19 10:48:02	0.500	94.8	11.7
398	2010/07/19 10:48:28	0.625	96.3	12.3
399	2010/07/19 10:48:31	0.875	98.5	9.8
400	2010/07/19 10:48:37	0.500	98.4	10.4
401	2010/07/19 10:48:57	1.000	95.2	11.3
402	2010/07/19 10:49:26	0.625	95.0	10.7
403	2010/07/19 10:50:07	0.875	96.1	8.2
404	2010/07/19 10:50:12	0.625	95.9	10.7
405	2010/07/19 10:50:38	0.750	97.3	11.1
406	2010/07/19 10:50:40	0.875	98.2	11.6
407	2010/07/19 10:50:41	0.500	96.9	10.6
408	2010/07/19 10:50:58	1.000	97.2	13.0
409	2010/07/19 10:51:00	1.000	97.9	10.8
410	2010/07/19 10:51:11	1.000	97.9	11.1
411	2010/07/19 10:51:17	0.625	97.8	8.0
412	2010/07/19 10:51:21	0.750	97.1	11.7
413	2010/07/19 10:51:23	0.875	97.9	11.2

414	2010/07/19 10:51:52	0.625	97.3	11.7
415	2010/07/19 10:52:17	0.625	98.0	13.2
416	2010/07/19 10:52:36	0.625	97.4	11.1
417	2010/07/19 10:52:38	1.000	94.9	7.3
418	2010/07/19 10:52:39	1.000	98.1	10.0
419	2010/07/19 10:52:42	0.625	93.4	8.4
420	2010/07/19 10:53:19	1.000	96.3	9.6
421	2010/07/19 10:53:20	0.875	95.9	10.2
422	2010/07/19 10:53:22	0.625	98.8	12.5
423	2010/07/19 10:53:23	1.000	94.1	10.7
424	2010/07/19 10:53:28	0.625	96.2	11.3
425	2010/07/19 10:53:30	0.875	99.4	8.0
426	2010/07/19 10:53:34	1.000	92.9	11.1
427	2010/07/19 10:53:49	0.625	97.6	13.2
428	2010/07/19 10:53:51	0.500	98.6	12.7
429	2010/07/19 10:54:09	0.625	95.3	8.7
430	2010/07/19 10:54:25	0.625	96.4	12.3
431	2010/07/19 10:55:18	0.625	85.8	10.6
432	2010/07/19 10:55:31	0.750	95.8	11.9
433	2010/07/19 10:55:36	1.000	97.4	11.6
434	2010/07/19 10:55:37	1.000	96.4	9.1
435	2010/07/19 10:55:40	0.625	98.7	12.4
436	2010/07/19 10:56:17	0.875	98.1	12.4
437	2010/07/19 10:56:39	0.625	96.9	11.1
438	2010/07/19 10:56:41	0.875	97.2	11.7
439	2010/07/19 10:56:49	0.625	98.3	12.9
440	2010/07/19 10:56:59	1.000	95.7	9.4
441	2010/07/19 10:57:01	0.625	89.6	9.3
442	2010/07/19 10:57:15	0.750	98.5	11.3
443	2010/07/19 10:57:17	0.625	95.2	10.6
444	2010/07/19 10:57:19	0.750	99.9	9.3
445	2010/07/19 10:57:35	1.000	98.0	10.3

446	2010/07/19 10:57:42	0.500	98.7	12.0
447	2010/07/19 10:57:48	0.875	96.3	7.1
448	2010/07/19 10:58:02	0.875	97.4	8.2
449	2010/07/19 10:58:03	1.000	97.4	11.0
450	2010/07/19 10:58:05	1.000	97.4	10.2
451	2010/07/19 10:58:16	1.000	95.1	9.9
452	2010/07/19 10:58:24	1.000	93.9	10.9
453	2010/07/19 10:58:28	0.625	92.0	11.2
454	2010/07/19 10:58:50	0.750	94.1	11.1
455	2010/07/19 10:58:55	0.500	92.5	9.9
456	2010/07/19 10:59:07	1.000	94.7	12.3
457	2010/07/19 10:59:13	0.625	98.4	12.3
458	2010/07/19 10:59:17	1.000	90.0	7.3
459	2010/07/19 10:59:19	0.875	89.9	9.1
460	2010/07/19 10:59:21	0.875	93.2	8.0
461	2010/07/19 10:59:28	0.625	96.5	10.8
462	2010/07/19 10:59:33	0.625	93.3	10.6
463	2010/07/19 10:59:48	1.000	91.7	9.5
464	2010/07/19 10:59:54	0.875	97.5	11.0
465	2010/07/19 10:59:55	0.750	94.0	8.8
466	2010/07/19 11:00:34	0.875	93.1	9.5
467	2010/07/19 11:01:38	0.625	96.5	10.6
468	2010/07/19 11:02:03	1.000	98.4	8.9
469	2010/07/19 11:02:08	1.000	98.5	6.1
470	2010/07/19 11:02:09	0.875	100.3	10.7
471	2010/07/19 11:02:12	0.625	103.6	10.6
472	2010/07/19 11:02:13	0.625	99.3	10.5
473	2010/07/19 11:02:28	0.625	102.5	9.9
474	2010/07/19 11:02:43	0.500	97.3	8.8
475	2010/07/19 11:03:05	0.625	97.3	11.8
476	2010/07/19 11:03:09	0.750	95.1	8.5
477	2010/07/19 11:03:39	0.875	103.0	9.7



478	2010/07/19 11:03:48	0.625	100.3	9.5
479	2010/07/19 11:03:49	0.625	96.5	9.2
480	2010/07/19 11:04:15	1.000	101.2	9.8
481	2010/07/19 11:04:16	1.000	100.2	6.9
482	2010/07/19 11:04:36	0.750	97.0	12.6
483	2010/07/19 11:05:09	0.750	97.9	8.6
484	2010/07/19 11:05:38	0.750	92.4	7.6
485	2010/07/19 11:05:57	1.000	97.8	8.6
486	2010/07/19 11:06:01	0.625	97.5	12.0
487	2010/07/19 11:06:02	0.750	99.0	11.3
488	2010/07/19 11:06:16	0.875	99.5	10.8
489	2010/07/19 11:06:20	1.000	99.0	12.0
490	2010/07/19 11:06:28	0.750	89.5	9.1
491	2010/07/19 11:06:30	1.000	91.9	10.2
492	2010/07/19 11:07:19	0.625	97.3	11.8
493	2010/07/19 11:07:33	0.500	101.2	11.5
494	2010/07/19 11:07:54	0.625	98.2	8.8
495	2010/07/19 11:07:56	1.000	96.7	9.2
496	2010/07/19 11:08:25	1.000	90.1	8.2
497	2010/07/19 11:08:27	0.625	97.8	11.5
498	2010/07/19 11:08:35	0.875	97.3	11.0
499	2010/07/19 11:09:13	0.625	99.0	10.1
500	2010/07/19 11:09:38	0.750	95.6	10.0
501	2010/07/19 11:10:00	0.875	103.9	8.4
502	2010/07/19 11:10:18	0.625	95.8	8.9
503	2010/07/19 11:10:27	0.750	97.7	10.3
504	2010/07/19 11:11:04	0.500	102.5	11.0
505	2010/07/19 11:11:11	0.875	98.9	7.5
506	2010/07/19 11:11:28	1.000	104.9	9.8
507	2010/07/19 11:12:01	1.000	98.4	10.7
508	2010/07/19 11:12:15	1.000	99.3	9.1
509	2010/07/19 11:12:37	1.000	92.2	7.9

510	2010/07/19 11:12:39	0.750	96.2	11.4
511	2010/07/19 11:12:52	0.625	94.6	10.1
512	2010/07/19 11:13:59	0.750	96.2	11.9
513	2010/07/19 11:14:01	1.000	84.6	7.8
514	2010/07/19 11:14:10	0.625	84.5	12.6
515	2010/07/19 11:14:11	0.625	84.7	11.6
516	2010/07/19 11:14:12	0.625	85.9	10.8
517	2010/07/19 11:14:13	0.875	82.7	8.3
518	2010/07/19 11:14:27	0.625	87.7	13.1
519	2010/07/19 11:15:22	0.875	86.1	10.9
520	2010/07/19 11:15:55	0.625	97.0	11.1
521	2010/07/19 11:16:27	0.875	91.9	7.0
522	2010/07/19 11:17:24	0.750	91.8	9.7
523	2010/07/19 11:17:31	0.750	94.4	10.4
524	2010/07/19 11:17:32	0.625	97.4	12.4
525	2010/07/19 11:17:37	0.750	97.3	12.8
526	2010/07/19 11:18:07	0.750	89.3	12.0
527	2010/07/19 11:18:12	0.625	94.7	12.9
528	2010/07/19 11:18:28	0.875	98.3	11.3
529	2010/07/19 11:18:32	1.000	97.5	9.8
530	2010/07/19 11:18:34	0.625	99.4	12.8
531	2010/07/19 11:18:36	0.625	98.1	13.4
532	2010/07/19 11:18:40	0.500	96.3	12.7
533	2010/07/19 11:18:42	0.625	97.7	13.4
534	2010/07/19 11:18:44	0.875	89.8	12.1
535	2010/07/19 11:18:46	0.750	97.4	12.6
536	2010/07/19 11:19:35	0.750	88.3	9.1
537	2010/07/19 11:19:57	1.000	91.9	10.7
538	2010/07/19 11:20:00	0.750	94.6	8.7
539	2010/07/19 11:20:01	1.000	94.1	8.3
540	2010/07/19 11:20:03	0.500	98.2	12.7
541	2010/07/19 11:20:33	0.875	98.3	11.6

542	2010/07/19 11:20:45	0.750	94.9	11.9
543	2010/07/19 11:21:08	0.625	89.4	11.8
544	2010/07/19 11:22:01	0.625	90.1	11.6
545	2010/07/19 11:22:38	1.000	91.6	9.6
546	2010/07/19 11:22:41	0.500	95.0	12.5
547	2010/07/19 11:22:43	0.750	95.8	10.6
548	2010/07/19 11:22:46	0.625	92.0	8.8
549	2010/07/19 11:22:49	0.500	98.3	10.3
550	2010/07/19 11:23:15	0.750	92.7	11.6
551	2010/07/19 11:23:42	0.750	88.0	10.6
552	2010/07/19 11:23:47	0.625	94.4	10.2
553	2010/07/19 11:23:49	0.875	95.1	12.5
554	2010/07/19 11:24:01	0.625	92.4	13.0
555	2010/07/19 11:24:24	0.625	93.9	10.4
556	2010/07/19 11:24:25	0.625	84.8	11.4
557	2010/07/19 11:24:40	1.000	89.2	9.0
558	2010/07/19 11:24:43	0.750	95.3	12.4
559	2010/07/19 11:24:50	0.625	85.8	9.6
560	2010/07/19 11:24:58	0.500	89.4	12.5
561	2010/07/19 11:24:59	0.625	96.2	13.5
562	2010/07/19 11:25:03	1.000	97.8	11.8
563	2010/07/19 11:25:12	0.875	89.8	8.1
564	2010/07/19 11:25:17	1.000	82.4	8.7
565	2010/07/19 11:25:23	0.875	86.6	12.4
566	2010/07/19 11:26:11	0.750	97.3	13.3
567	2010/07/19 11:26:46	0.625	97.3	12.6
568	2010/07/19 11:26:50	0.750	97.7	12.5
569	2010/07/19 11:26:55	0.875	86.8	6.7
570	2010/07/19 11:27:03	0.875	77.9	10.3
571	2010/07/19 11:27:09	1.000	91.9	8.7
572	2010/07/19 11:28:00	0.625	97.7	8.4
573	2010/07/19 11:28:22	0.750	92.6	11.7

574	2010/07/19 11:28:33	0.875	93.0	9.6
575	2010/07/19 11:29:05	1.000	93.1	11.1
576	2010/07/19 11:30:02	0.875	91.9	10.1
577	2010/07/19 11:30:08	0.875	93.8	10.8
578	2010/07/19 11:30:44	0.750	98.5	7.7
579	2010/07/19 11:30:48	0.625	97.5	8.8
580	2010/07/19 11:31:40	0.750	100.9	8.4
581	2010/07/19 11:32:10	0.750	95.6	10.5
582	2010/07/19 11:32:20	1.000	97.3	9.4
583	2010/07/19 11:32:21	1.000	97.3	8.9
584	2010/07/19 11:33:15	0.750	95.1	7.8
585	2010/07/19 11:33:39	0.875	97.6	10.7
586	2010/07/19 11:33:46	0.500	106.2	13.1
587	2010/07/19 11:34:12	1.000	100.2	9.8
588	2010/07/19 11:34:49	0.750	85.3	7.9
589	2010/07/19 11:35:55	0.750	98.2	10.1
590	2010/07/19 11:35:58	0.750	96.7	10.8
591	2010/07/19 11:36:03	1.000	97.4	10.0
592	2010/07/19 11:36:06	1.000	92.5	10.5
593	2010/07/19 11:36:33	0.875	104.6	8.0
594	2010/07/19 11:37:21	1.000	97.1	10.3
595	2010/07/19 11:38:06	0.750	95.2	10.9
596	2010/07/19 11:38:22	0.500	97.3	12.4
597	2010/07/19 11:39:16	0.875	95.1	8.4
598	2010/07/19 11:39:22	0.625	97.1	12.4
599	2010/07/19 11:39:27	0.625	95.0	9.6
600	2010/07/19 11:39:40	0.500	92.4	12.4
601	2010/07/19 11:39:49	1.000	83.4	8.8
602	2010/07/19 11:39:55	0.750	92.9	10.3
603	2010/07/19 11:39:57	0.625	94.4	9.5
604	2010/07/19 11:40:01	0.750	95.2	12.7
605	2010/07/19 11:40:37	0.750	97.8	12.4

606	2010/07/19 11:41:03	0.750	94.0	9.8
607	2010/07/19 11:41:27	0.875	93.7	12.0
608	2010/07/19 11:41:50	0.500	98.1	12.3
609	2010/07/19 11:41:51	0.625	99.2	11.3
610	2010/07/19 11:41:52	0.750	99.4	8.2
611	2010/07/19 11:41:53	0.875	90.8	8.8
612	2010/07/19 11:42:34	0.875	89.4	8.0
613	2010/07/19 11:42:48	1.000	90.2	10.5
614	2010/07/19 11:42:49	0.750	92.8	11.8
615	2010/07/19 11:42:51	0.625	95.7	10.4
616	2010/07/19 11:42:52	0.875	95.1	11.7
617	2010/07/19 11:43:49	1.000	93.5	11.1
618	2010/07/19 11:43:54	1.000	90.6	9.2
619	2010/07/19 11:44:01	1.000	96.8	9.8
620	2010/07/19 11:44:03	0.500	96.0	11.4
621	2010/07/19 11:44:05	0.750	96.6	13.1
622	2010/07/19 11:44:13	0.625	94.1	12.5
623	2010/07/19 11:44:26	1.000	85.7	8.6
624	2010/07/19 11:44:28	0.750	97.2	13.9
625	2010/07/19 11:44:31	0.500	93.3	12.2
626	2010/07/19 11:45:02	1.000	96.8	12.5
627	2010/07/19 11:45:42	0.625	96.5	10.4
628	2010/07/19 11:45:46	0.750	90.8	7.4
629	2010/07/19 11:46:14	0.750	86.5	10.6
630	2010/07/19 11:46:24	0.500	98.0	13.7
631	2010/07/19 11:46:28	1.000	97.6	10.3
632	2010/07/19 11:46:29	0.625	89.3	9.1
633	2010/07/19 11:46:39	0.500	93.8	12.0
634	2010/07/19 11:46:45	0.625	94.4	10.3
635	2010/07/19 11:46:46	0.625	97.4	12.0
636	2010/07/19 11:47:25	0.625	96.5	12.5
637	2010/07/19 11:47:33	0.875	96.9	12.4

638	2010/07/19 11:47:39	0.875	95.3	10.9
639	2010/07/19 11:47:50	0.625	90.5	13.0
640	2010/07/19 11:48:10	0.625	96.9	12.6
641	2010/07/19 11:48:16	0.750	89.9	11.3
642	2010/07/19 11:48:39	0.750	94.1	9.3
643	2010/07/19 11:48:40	1.000	95.1	9.3
644	2010/07/19 11:48:44	1.000	89.3	8.4
645	2010/07/19 11:48:52	0.875	97.3	10.1
646	2010/07/19 11:48:55	0.625	97.6	12.4
647	2010/07/19 11:49:02	0.625	93.2	12.7
648	2010/07/19 11:49:12	0.875	90.7	8.0
649	2010/07/19 11:49:20	1.000	97.6	11.0
650	2010/07/19 11:49:30	0.875	89.4	6.1
651	2010/07/19 11:50:02	1.000	92.6	9.3
652	2010/07/19 11:50:31	0.750	96.9	13.0
653	2010/07/19 11:50:34	0.750	96.4	11.1
654	2010/07/19 11:50:54	0.875	86.5	9.2
655	2010/07/19 11:50:57	1.000	88.1	10.1
656	2010/07/19 11:51:47	0.875	85.3	9.2
657	2010/07/19 11:51:56	0.875	95.1	13.1
658	2010/07/19 11:52:12	0.500	97.7	11.8
659	2010/07/19 11:52:23	0.750	97.1	13.1
660	2010/07/19 11:52:45	0.875	90.6	8.6
661	2010/07/19 11:52:47	0.875	96.9	11.4
662	2010/07/19 11:52:58	0.750	101.3	10.6
663	2010/07/19 11:53:00	1.000	97.9	10.5
664	2010/07/19 11:53:04	0.625	94.2	9.2
665	2010/07/19 11:53:25	1.000	98.1	9.5
666	2010/07/19 11:53:31	0.750	96.9	12.6
667	2010/07/19 11:53:34	0.875	92.8	9.9
668	2010/07/19 11:53:37	0.500	97.0	13.5
669	2010/07/19 11:53:45	0.625	97.7	12.8

670	2010/07/19 11:53:47	0.625	103.0	11.8
671	2010/07/19 11:53:51	0.625	102.3	10.9
672	2010/07/19 11:53:52	0.750	96.7	10.3
673	2010/07/19 11:53:53	0.625	90.9	11.2
674	2010/07/19 11:54:21	0.875	94.4	11.6
675	2010/07/19 11:54:23	1.000	89.3	7.8
676	2010/07/19 11:54:30	1.000	91.7	10.8
677	2010/07/19 11:54:32	0.750	84.0	11.2
678	2010/07/19 11:54:37	1.000	92.7	8.2
679	2010/07/19 11:54:39	0.625	92.9	11.0
680	2010/07/19 11:54:48	0.875	94.0	8.1
681	2010/07/19 11:54:49	1.000	94.1	7.1
682	2010/07/19 11:54:51	0.625	98.8	11.8
683	2010/07/19 11:54:53	1.000	96.8	6.7
684	2010/07/19 11:55:11	0.875	94.0	10.4
685	2010/07/19 11:55:15	0.875	96.7	10.1
686	2010/07/19 11:55:18	1.000	86.0	10.7
687	2010/07/19 11:55:27	1.000	85.5	9.1
688	2010/07/19 11:55:30	0.750	89.9	12.5
689	2010/07/19 11:56:53	0.875	94.2	8.8
690	2010/07/19 11:56:59	0.875	91.8	9.6
691	2010/07/19 11:57:03	0.625	93.8	8.4
692	2010/07/19 11:57:05	0.750	89.4	8.5
693	2010/07/19 11:57:11	0.625	87.2	9.9
694	2010/07/19 11:57:13	1.000	88.5	9.5
695	2010/07/19 11:57:38	0.875	79.7	11.1
696	2010/07/19 11:57:51	0.625	78.7	10.8
697	2010/07/19 11:58:03	0.750	88.7	11.5
698	2010/07/19 11:58:12	1.000	81.9	7.9
699	2010/07/19 11:58:40	0.625	90.2	13.1
700	2010/07/19 11:58:41	1.000	87.6	9.3
701	2010/07/19 11:59:04	1.000	96.5	10.1

702	2010/07/19 11:59:33	0.625	83.4	12.7
703	2010/07/19 11:59:43	0.625	91.7	12.3
704	2010/07/19 11:59:52	0.500	93.4	11.8
705	2010/07/19 12:00:14	0.625	92.6	11.3
706	2010/07/19 12:00:26	0.625	91.5	12.8
707	2010/07/19 12:00:27	0.500	91.8	11.8
708	2010/07/19 12:00:34	0.500	96.6	12.5
709	2010/07/19 12:03:30	1.000	91.6	8.4
710	2010/07/19 12:03:35	0.750	95.6	12.5
711	2010/07/19 12:03:46	0.750	91.6	10.6
712	2010/07/19 12:04:14	1.000	96.2	12.1
713	2010/07/19 12:05:13	1.000	79.3	11.5
714	2010/07/19 12:05:19	1.000	73.9	9.1
715	2010/07/19 12:05:24	0.750	79.5	11.5
716	2010/07/19 12:05:38	0.625	71.9	12.3
717	2010/07/19 12:06:39	0.625	74.7	13.0
718	2010/07/19 12:07:00	0.625	82.2	12.2
719	2010/07/19 12:07:48	0.625	93.2	9.4
720	2010/07/19 12:07:49	0.500	93.0	10.8
721	2010/07/19 12:07:56	0.750	76.7	10.5
722	2010/07/19 12:08:25	0.625	87.7	11.4
723	2010/07/19 12:08:31	0.625	89.5	13.0
724	2010/07/19 12:08:48	0.875	87.4	11.1
725	2010/07/19 12:08:51	0.750	89.7	12.3
726	2010/07/19 12:09:22	0.625	88.4	13.3
727	2010/07/19 12:10:17	0.750	80.2	11.2
728	2010/07/19 12:12:14	1.000	67.6	9.8
729	2010/07/19 12:12:35	0.750	68.4	11.8
730	2010/07/19 12:15:24	0.750	85.8	11.6
731	2010/07/19 12:16:13	0.500	77.3	13.2
732	2010/07/19 12:16:31	0.875	69.3	10.9
733	2010/07/19 12:17:12	0.875	81.6	11.2



734	2010/07/19 12:17:26	0.875	81.2	8.2
735	2010/07/19 12:17:28	1.000	80.2	6.7
736	2010/07/19 12:17:31	0.750	81.0	9.6
737	2010/07/19 12:17:52	1.000	84.1	9.9
738	2010/07/19 12:17:56	0.500	85.1	11.2
739	2010/07/19 12:17:59	0.625	87.8	11.3
740	2010/07/19 12:18:17	0.625	87.9	12.5
741	2010/07/19 12:18:31	0.625	85.1	13.2
742	2010/07/19 12:19:19	0.625	90.9	11.5
743	2010/07/19 12:19:59	0.750	96.7	13.2
744	2010/07/19 12:20:32	0.625	89.0	9.3
745	2010/07/19 12:21:23	0.750	94.0	13.5
746	2010/07/19 12:21:35	0.875	92.3	11.6
747	2010/07/19 12:21:37	0.500	84.3	11.6
748	2010/07/19 12:21:40	0.750	84.6	9.5
749	2010/07/19 12:22:13	0.875	87.7	12.7
750	2010/07/19 12:22:18	0.875	84.3	10.2
751	2010/07/19 12:22:23	1.000	83.2	8.9
752	2010/07/19 12:23:55	0.875	86.1	8.0
753	2010/07/19 12:24:09	0.500	86.4	11.4
754	2010/07/19 12:25:09	0.750	82.6	10.2
755	2010/07/19 12:25:11	0.875	80.9	9.9
756	2010/07/19 12:25:12	1.000	79.4	6.9
757	2010/07/19 12:25:16	1.000	77.5	7.1
758	2010/07/19 12:26:06	0.875	91.3	10.9
759	2010/07/19 12:26:20	0.625	95.1	13.7
760	2010/07/19 12:26:42	0.750	84.9	8.9
761	2010/07/19 12:26:44	0.625	83.1	10.4
762	2010/07/19 12:26:53	0.750	79.7	10.7
763	2010/07/19 12:27:07	1.000	88.9	13.3
764	2010/07/19 12:27:26	1.000	89.0	10.2
765	2010/07/19 12:27:31	0.875	92.3	10.5

766	2010/07/19 12:27:36	0.500	97.2	11.6
767	2010/07/19 12:27:38	0.875	93.5	9.7
768	2010/07/19 12:27:41	1.000	92.0	9.0
769	2010/07/19 12:28:15	0.625	95.4	10.5
770	2010/07/19 12:28:16	0.625	89.5	9.9
771	2010/07/19 12:28:20	1.000	84.4	7.4
772	2010/07/19 12:28:43	0.750	92.4	8.8
773	2010/07/19 12:28:46	0.625	94.6	11.4
774	2010/07/19 12:28:49	0.625	92.4	10.4
775	2010/07/19 12:29:07	0.625	96.4	13.4
776	2010/07/19 12:29:17	0.875	95.9	12.0
777	2010/07/19 12:29:26	0.625	92.5	8.4
778	2010/07/19 12:29:27	0.625	91.1	8.8
779	2010/07/19 12:32:37	0.875	77.5	11.1
780	2010/07/19 12:33:24	0.750	89.1	8.9
781	2010/07/19 12:33:30	0.625	93.1	11.8
782	2010/07/19 12:34:13	0.875	94.3	10.6
783	2010/07/19 12:34:22	0.750	97.3	12.7
784	2010/07/19 12:34:25	1.000	89.1	9.0
785	2010/07/19 12:34:29	0.750	92.5	8.9
786	2010/07/19 12:34:40	0.750	87.7	8.7
787	2010/07/19 12:35:10	0.500	95.7	12.1
788	2010/07/19 12:35:41	1.000	90.8	10.0
789	2010/07/19 12:35:44	0.875	92.6	11.6
790	2010/07/19 12:35:46	1.000	88.6	8.0
791	2010/07/19 12:35:51	0.750	95.4	11.3
792	2010/07/19 12:35:53	0.875	87.7	11.7
793	2010/07/19 12:35:55	1.000	95.2	10.5
794	2010/07/19 12:35:59	1.000	85.2	8.0
795	2010/07/19 12:36:01	1.000	81.1	6.4
796	2010/07/19 12:36:47	0.500	95.0	13.1
797	2010/07/19 12:36:57	0.625	93.0	10.9

798	2010/07/19 12:37:03	0.750	87.8	12.2
799	2010/07/19 12:37:15	0.875	97.4	12.9
800	2010/07/19 12:37:22	1.000	81.6	10.3
801	2010/07/19 12:37:50	0.625	79.5	11.6
802	2010/07/19 12:38:08	1.000	79.3	8.1
803	2010/07/19 12:38:24	0.625	75.9	10.2
804	2010/07/19 12:39:34	1.000	83.8	8.6
805	2010/07/19 12:40:19	0.750	90.8	11.6
806	2010/07/19 12:41:03	1.000	94.0	12.2
807	2010/07/19 12:41:25	0.500	94.9	11.7
808	2010/07/19 12:41:31	0.875	95.5	11.6
809	2010/07/19 12:43:31	0.625	89.0	12.1
810	2010/07/19 12:44:07	0.625	87.8	11.0
811	2010/07/19 12:44:23	0.625	91.9	13.7
812	2010/07/19 12:44:50	1.000	90.3	13.3
813	2010/07/19 12:45:48	0.875	84.0	8.8
814	2010/07/19 12:46:46	1.000	92.0	7.8
815	2010/07/19 12:46:48	0.625	94.5	11.9
816	2010/07/19 12:47:05	0.500	92.5	13.7
817	2010/07/19 12:47:42	0.875	87.7	7.8
818	2010/07/19 12:47:52	1.000	86.8	12.4
819	2010/07/19 12:48:01	0.625	87.2	12.5
820	2010/07/19 12:48:26	0.500	94.2	13.3
821	2010/07/19 12:53:00	0.875	75.7	10.2
822	2010/07/19 12:53:04	0.875	76.3	12.6
823	2010/07/19 12:53:09	0.625	78.0	9.3
824	2010/07/19 12:56:11	1.000	87.4	8.1
825	2010/07/19 12:56:21	1.000	75.6	10.5
826	2010/07/19 12:58:34	0.500	92.8	10.7
827	2010/07/19 12:58:52	1.000	79.9	10.1
828	2010/07/19 12:59:26	0.750	85.2	7.7
829	2010/07/19 12:59:37	0.875	87.9	8.5

830	2010/07/19 12:59:38	0.875	88.7	7.6
831	2010/07/19 12:59:41	0.875	85.9	7.8
832	2010/07/19 12:59:44	0.625	93.9	12.5
833	2010/07/19 12:59:46	1.000	87.3	8.9
834	2010/07/19 12:59:48	0.625	89.1	12.0
835	2010/07/19 12:59:51	0.625	87.9	11.7
836	2010/07/19 12:59:52	0.875	85.8	8.8
837	2010/07/19 12:59:54	1.000	85.3	9.5
838	2010/07/19 12:59:56	0.875	84.7	9.0
839	2010/07/19 13:00:21	0.625	91.0	11.0
840	2010/07/19 13:00:27	0.500	87.9	7.8
841	2010/07/19 13:00:34	1.000	83.6	7.4
842	2010/07/19 13:01:00	1.000	89.0	6.7
843	2010/07/19 13:01:23	1.000	68.9	8.4
844	2010/07/19 13:01:40	0.875	95.8	12.1
845	2010/07/19 13:03:39	0.625	97.2	13.1
846	2010/07/19 13:06:29	0.500	92.2	13.3
847	2010/07/19 13:06:32	1.000	91.3	11.4
848	2010/07/19 13:06:47	0.750	94.3	12.6
849	2010/07/19 13:07:03	0.875	92.0	10.9
850	2010/07/19 13:07:12	1.000	90.2	10.3
851	2010/07/19 13:07:33	1.000	96.4	12.2
852	2010/07/19 13:07:35	0.625	95.3	12.8
853	2010/07/19 13:07:40	0.500	97.1	13.4
854	2010/07/19 13:07:43	0.625	97.3	12.3
855	2010/07/19 13:07:46	0.750	88.6	9.5
856	2010/07/19 13:08:15	1.000	92.0	11.2
857	2010/07/19 13:08:40	1.000	88.7	9.9
858	2010/07/19 13:08:52	0.625	94.6	12.0
859	2010/07/19 13:09:28	0.625	82.6	8.1
860	2010/07/19 13:09:31	1.000	88.6	10.1
861	2010/07/19 13:10:05	1.000	95.7	11.7

862	2010/07/19 13:10:52	1.000	93.7	12.1
863	2010/07/19 13:11:30	1.000	88.4	9.0
864	2010/07/19 13:12:40	0.500	91.4	12.4
865	2010/07/19 13:12:52	0.500	76.8	12.4
866	2010/07/19 13:15:58	0.625	81.9	10.9
867	2010/07/19 13:17:01	0.750	78.6	11.9
868	2010/07/19 13:19:50	1.000	73.4	8.4
869	2010/07/19 13:24:15	0.875	87.0	7.9
870	2010/07/19 13:31:58	0.750	80.5	11.2
871	2010/07/19 13:32:04	0.625	75.8	8.6
872	2010/07/19 13:32:05	0.875	81.0	11.8
873	2010/07/19 13:32:11	0.875	81.3	8.5
874	2010/07/19 13:32:53	0.875	89.7	10.8
875	2010/07/19 13:34:27	0.625	82.8	11.4
876	2010/07/19 13:35:38	1.000	80.6	11.2
877	2010/07/19 13:37:18	0.750	73.8	8.8
878	2010/07/19 13:37:47	0.875	80.6	9.3
879	2010/07/19 13:38:19	0.750	89.3	10.3
880	2010/07/19 13:38:50	1.000	87.8	10.4
881	2010/07/19 13:38:58	0.875	85.8	10.1
882	2010/07/19 13:39:05	1.000	87.8	9.0
883	2010/07/19 13:39:59	1.000	85.7	11.1
884	2010/07/19 13:40:13	0.875	87.2	11.7
885	2010/07/19 13:40:14	0.750	91.4	9.5
886	2010/07/19 13:41:23	0.750	81.8	12.7
887	2010/07/19 13:41:50	0.750	87.3	9.6
888	2010/07/19 13:41:52	1.000	91.3	11.3
889	2010/07/19 13:42:35	1.000	86.2	9.7
890	2010/07/19 13:42:39	0.875	91.7	11.7
891	2010/07/19 13:43:56	1.000	90.1	12.1
892	2010/07/19 13:44:07	0.500	88.0	11.0
893	2010/07/19 13:44:50	0.750	83.8	8.0

894	2010/07/19 13:44:56	0.750	80.3	11.6
895	2010/07/19 13:45:00	0.875	80.4	10.9
896	2010/07/19 13:45:04	0.750	84.1	12.7
897	2010/07/19 13:48:01	0.625	80.0	10.3
898	2010/07/19 13:50:08	0.875	87.9	11.2
899	2010/07/19 13:50:44	0.750	85.3	10.1
900	2010/07/19 13:50:45	0.625	82.4	9.5
901	2010/07/19 13:51:13	0.875	86.9	8.4
902	2010/07/19 13:52:01	1.000	90.4	9.2
903	2010/07/19 13:52:32	0.750	92.8	11.3
904	2010/07/19 13:52:39	0.625	81.1	6.7
905	2010/07/19 13:54:25	1.000	89.1	10.0
906	2010/07/19 13:54:32	0.625	92.9	10.9
907	2010/07/19 13:54:36	0.875	87.6	9.0
908	2010/07/19 13:54:48	0.625	89.3	12.2
909	2010/07/19 13:54:59	1.000	86.4	11.3
910	2010/07/19 13:55:08	0.875	86.6	10.5
911	2010/07/19 13:55:35	1.000	87.8	10.9
912	2010/07/19 13:55:46	0.500	98.2	13.8
913	2010/07/19 13:55:57	1.000	91.9	11.0
914	2010/07/19 13:56:30	1.000	87.2	9.1
915	2010/07/19 13:56:46	1.000	96.6	12.4
916	2010/07/19 13:57:06	1.000	94.0	9.2
917	2010/07/19 13:57:08	0.750	89.4	9.2
918	2010/07/19 13:57:29	0.875	93.1	11.5
919	2010/07/19 13:57:47	1.000	86.8	10.9
920	2010/07/19 13:58:02	0.500	97.5	13.2
921	2010/07/19 13:58:41	0.625	81.8	10.6
922	2010/07/19 13:58:42	0.500	80.5	9.7
923	2010/07/19 13:59:22	0.750	80.9	12.7
924	2010/07/19 14:01:16	0.625	86.2	13.0
925	2010/07/19 14:02:57	0.750	85.3	11.0

926	2010/07/19 14:04:45	0.625	91.0	12.4
927	2010/07/19 14:04:50	0.625	92.9	10.7
928	2010/07/19 14:05:06	0.750	85.1	12.8
929	2010/07/19 14:06:01	0.500	88.4	12.2
930	2010/07/19 14:06:17	0.625	96.6	13.9
931	2010/07/19 14:06:26	0.750	86.2	11.9
932	2010/07/19 14:07:12	0.875	82.0	6.9
933	2010/07/19 14:08:21	0.625	97.8	13.5
934	2010/07/19 14:08:25	0.875	91.0	9.9
935	2010/07/19 14:08:26	0.875	93.1	9.2
936	2010/07/19 14:08:28	0.875	82.4	10.0
937	2010/07/19 14:08:45	0.875	88.1	11.7
938	2010/07/19 14:09:11	0.875	81.9	10.0
939	2010/07/19 14:09:14	0.875	87.0	10.2
940	2010/07/19 14:09:15	1.000	90.7	8.1
941	2010/07/19 14:09:21	1.000	88.2	12.5
942	2010/07/19 14:09:25	0.875	92.8	11.7
943	2010/07/19 14:09:35	0.875	86.4	7.9
944	2010/07/19 14:09:46	0.750	92.0	8.7
945	2010/07/19 14:09:52	0.500	96.8	14.0
946	2010/07/19 14:09:57	0.625	88.8	12.3
947	2010/07/19 14:10:09	0.625	89.7	12.3
948	2010/07/19 14:11:16	1.000	82.1	11.5
949	2010/07/19 14:11:39	1.000	83.5	11.6
950	2010/07/19 14:12:00	0.625	83.9	10.7
951	2010/07/19 14:12:02	0.875	86.0	9.6
952	2010/07/19 14:14:01	0.750	90.1	10.7
953	2010/07/19 14:14:07	0.875	83.8	10.8
954	2010/07/19 14:14:16	0.750	87.3	9.9
955	2010/07/19 14:18:04	0.750	96.6	12.0
956	2010/07/19 14:18:12	0.875	88.6	7.8
957	2010/07/19 14:18:59	0.750	83.8	12.8

958	2010/07/19 14:19:02	0.875	76.7	10.2
959	2010/07/19 14:19:16	0.750	87.7	11.8
960	2010/07/19 14:20:09	0.875	71.2	12.4
961	2010/07/19 14:21:38	1.000	82.7	9.2
962	2010/07/19 14:21:49	0.875	89.1	10.8
963	2010/07/19 14:22:07	0.875	82.2	7.6
964	2010/07/19 14:22:47	0.875	96.7	13.3
965	2010/07/19 14:25:19	0.750	73.1	8.2
966	2010/07/19 14:25:41	0.750	73.6	12.5
967	2010/07/19 14:27:32	0.875	72.1	8.0
968	2010/07/19 14:27:39	0.875	82.8	9.8
969	2010/07/19 14:27:55	0.625	87.5	10.5
970	2010/07/19 14:30:59	0.625	77.6	12.7
971	2010/07/19 14:32:16	0.750	83.9	10.8
972	2010/07/19 14:32:17	0.750	84.6	8.3
973	2010/07/19 14:32:20	1.000	82.6	9.8
974	2010/07/19 14:32:31	1.000	89.0	12.4
975	2010/07/19 14:36:45	0.750	80.2	11.1
976	2010/07/19 14:36:51	0.750	78.5	12.3
977	2010/07/19 14:37:15	0.625	85.6	9.6
978	2010/07/19 14:37:20	0.750	88.9	8.4
979	2010/07/19 14:38:13	0.750	92.0	11.3
980	2010/07/19 14:38:20	0.875	89.2	7.0
981	2010/07/19 14:38:29	1.000	82.3	8.5
982	2010/07/19 14:38:51	0.875	96.8	12.3
983	2010/07/19 14:39:13	0.625	97.0	12.9
984	2010/07/19 14:39:18	0.500	85.7	7.7
985	2010/07/19 14:39:26	1.000	80.9	10.0
986	2010/07/19 14:42:30	0.625	84.2	10.3
987	2010/07/19 14:44:20	0.750	85.0	8.0
988	2010/07/19 14:44:33	0.875	87.6	9.5
989	2010/07/19 14:44:47	1.000	85.4	8.9



990	2010/07/19 14:44:50	0.625	88.7	9.9
991	2010/07/19 14:45:04	0.750	82.5	8.3
992	2010/07/19 14:45:19	1.000	91.5	11.9
993	2010/07/19 14:46:14	0.625	90.7	11.8
994	2010/07/19 14:46:43	0.750	81.2	7.7
995	2010/07/19 14:46:50	0.750	91.7	11.3
996	2010/07/19 14:46:55	0.875	89.2	6.9
997	2010/07/19 14:47:16	1.000	90.7	7.9
998	2010/07/19 14:47:38	0.875	95.5	11.8
999	2010/07/19 14:47:47	1.000	93.2	6.3
1000	2010/07/19 14:47:57	0.750	84.6	9.3
1001	2010/07/19 14:48:00	0.500	98.0	13.5
1002	2010/07/19 14:48:18	0.875	95.9	12.4
1003	2010/07/19 14:48:42	0.750	93.5	10.0
1004	2010/07/19 14:48:51	0.875	88.2	10.1
1005	2010/07/19 14:49:10	0.500	95.5	11.2
1006	2010/07/19 14:49:18	0.875	89.9	10.6
1007	2010/07/19 14:49:43	0.875	85.9	9.2
1008	2010/07/19 14:49:57	0.750	94.0	8.0
1009	2010/07/19 14:50:01	0.625	96.7	13.1
1010	2010/07/19 14:50:03	0.875	89.1	10.8
1011	2010/07/19 14:50:36	0.875	95.1	13.5
1012	2010/07/19 14:50:57	1.000	91.1	12.8
1013	2010/07/19 14:51:33	0.500	87.5	10.6
1014	2010/07/19 14:52:21	0.875	82.0	11.7
1015	2010/07/19 14:52:26	0.875	77.7	11.8
1016	2010/07/19 14:53:04	0.750	78.0	6.6
1017	2010/07/19 14:53:11	1.000	74.0	7.6
1018	2010/07/19 14:53:49	0.750	91.9	11.7
1019	2010/07/19 14:54:01	0.750	83.3	11.1
1020	2010/07/19 14:54:07	0.750	93.2	12.6
1021	2010/07/19 14:54:09	0.625	87.3	10.0

1022	2010/07/19 14:54:51	0.875	81.7	9.1
1023	2010/07/19 14:55:19	0.750	91.7	12.3
1024	2010/07/19 14:55:25	0.625	94.1	12.5
1025	2010/07/19 14:55:34	0.750	92.3	10.6
1026	2010/07/19 14:55:43	0.500	96.7	13.1
1027	2010/07/19 14:57:46	0.750	81.6	11.4
1028	2010/07/19 14:57:50	0.750	75.0	7.7
1029	2010/07/19 14:57:51	0.875	79.5	10.0
1030	2010/07/19 14:58:22	0.750	80.6	12.3
1031	2010/07/19 14:58:53	0.750	82.7	8.8
1032	2010/07/19 15:00:13	0.625	84.9	10.7
1033	2010/07/19 15:00:29	1.000	94.8	11.5
1034	2010/07/19 15:01:01	0.625	76.5	10.7
1035	2010/07/19 15:01:02	1.000	78.2	9.6
1036	2010/07/19 15:01:41	0.625	84.7	12.9
1037	2010/07/19 15:01:46	0.625	88.5	13.0
1038	2010/07/19 15:02:28	0.625	92.3	13.4
1039	2010/07/19 15:03:02	0.875	86.7	11.9
1040	2010/07/19 15:03:20	0.750	90.6	13.3
1041	2010/07/19 15:03:35	0.750	90.3	10.2
1042	2010/07/19 15:03:40	0.750	92.1	11.0
1043	2010/07/19 15:04:27	0.875	81.0	7.4
1044	2010/07/19 15:07:26	0.625	79.6	9.3
1045	2010/07/19 15:07:37	1.000	84.2	10.6
1046	2010/07/19 15:07:49	0.875	85.5	13.2
1047	2010/07/19 15:08:20	0.875	76.8	8.4
1048	2010/07/19 15:08:23	0.750	84.5	9.9
1049	2010/07/19 15:08:28	0.750	87.9	11.3
1050	2010/07/19 15:08:38	0.750	83.7	11.0
1051	2010/07/19 15:08:40	0.750	89.3	10.0
1052	2010/07/19 15:08:56	1.000	83.8	11.0
1053	2010/07/19 15:09:13	0.625	90.5	13.1

1054	2010/07/19 15:09:21	0.750	89.1	7.8
1055	2010/07/19 15:09:27	0.500	97.2	13.8
1056	2010/07/19 15:09:31	0.625	83.4	13.9
1057	2010/07/19 15:09:55	0.875	77.5	9.6
1058	2010/07/19 15:10:47	0.625	96.8	13.0
1059	2010/07/19 15:10:59	0.625	90.3	10.2
1060	2010/07/19 15:11:30	1.000	84.9	8.9
1061	2010/07/19 15:12:15	0.875	85.2	8.5
1062	2010/07/19 15:12:57	0.875	87.6	8.6
1063	2010/07/19 15:13:15	0.875	85.2	7.5
1064	2010/07/19 15:13:24	0.625	88.3	12.2
1065	2010/07/19 15:13:34	0.625	95.4	13.6
1066	2010/07/19 15:13:44	1.000	78.8	6.4
1067	2010/07/19 15:13:57	0.875	80.3	8.6
1068	2010/07/19 15:15:56	0.750	78.3	12.7
1069	2010/07/19 15:16:41	1.000	84.5	8.1
1070	2010/07/19 15:16:48	0.625	89.6	10.2
1071	2010/07/19 15:16:57	0.500	94.8	13.3
1072	2010/07/19 15:24:14	0.500	89.9	13.8
1073	2010/07/19 15:24:56	1.000	95.0	12.3
1074	2010/07/19 15:25:00	0.875	84.4	7.2
1075	2010/07/19 15:25:22	1.000	80.9	10.1
1076	2010/07/19 15:46:43	0.750	75.1	10.4
1077	2010/07/19 15:46:50	0.750	78.8	11.0
1078	2010/07/19 15:46:54	1.000	78.5	10.8
1079	2010/07/19 15:46:55	1.000	76.0	8.0
1080	2010/07/19 15:47:23	0.625	83.1	9.4
1081	2010/07/19 15:47:31	0.875	85.6	8.7
1082	2010/07/19 15:47:34	0.625	85.7	10.4
1083	2010/07/19 15:47:51	0.875	79.8	9.5
1084	2010/07/19 15:47:57	0.750	68.2	9.6
1085	2010/07/19 15:49:24	0.625	79.5	9.3

1086	2010/07/19 15:49:45	0.750	85.8	9.1
1087	2010/07/19 15:49:47	0.875	84.0	9.4
1088	2010/07/19 15:50:00	0.500	95.0	13.0
1089	2010/07/19 15:50:07	0.750	83.1	11.6
1090	2010/07/19 15:50:14	0.750	81.1	10.9
1091	2010/07/19 15:51:30	0.625	73.2	11.8
1092	2010/07/19 15:51:37	0.875	81.1	9.0
1093	2010/07/19 15:51:42	0.625	75.5	10.5
1094	2010/07/19 16:07:22	0.875	84.4	11.2
1095	2010/07/19 16:07:34	0.750	85.2	10.6
1096	2010/07/19 16:11:52	1.000	70.9	10.7
1097	2010/07/19 16:15:05	0.500	78.0	12.9
1098	2010/07/19 16:23:23	0.875	75.9	9.3
1099	2010/07/19 16:23:30	0.750	82.1	13.6
1100	2010/07/19 16:23:39	0.625	91.0	11.5
1101	2010/07/19 16:23:45	1.000	73.1	9.0
1102	2010/07/19 16:23:50	0.875	72.9	6.9
1103	2010/07/19 16:24:13	1.000	84.6	7.1
1104	2010/07/19 16:24:42	0.625	85.8	10.0
1105	2010/07/19 16:24:47	1.000	86.4	8.1
1106	2010/07/19 16:24:56	0.625	81.0	9.7
1107	2010/07/19 16:24:58	1.000	82.2	11.6
1108	2010/07/19 16:25:04	0.875	80.2	6.9
1109	2010/07/19 16:25:10	1.000	76.0	8.5
1110	2010/07/19 16:25:26	0.875	88.2	9.4
1111	2010/07/19 16:25:35	0.750	83.6	7.6
1112	2010/07/19 16:25:43	1.000	87.9	11.8
1113	2010/07/19 16:25:58	1.000	87.2	8.8
1114	2010/07/19 16:26:31	0.750	79.7	7.5
1115	2010/07/19 16:27:09	0.500	87.6	9.0
1116	2010/07/19 16:27:16	0.875	96.0	7.4
1117	2010/07/19 16:27:30	0.875	88.9	10.4

1118	2010/07/19 16:27:39	1.000	80.3	6.8
1119	2010/07/19 16:27:53	0.625	93.1	10.6
1120	2010/07/19 16:28:17	1.000	87.3	7.7
1121	2010/07/19 16:28:31	1.000	88.5	8.2
1122	2010/07/19 16:29:13	0.750	92.6	10.2
1123	2010/07/19 16:29:53	0.875	89.0	9.0
1124	2010/07/19 16:30:03	0.875	86.2	8.4
1125	2010/07/19 16:31:22	0.750	91.2	12.1
1126	2010/07/19 16:31:23	0.625	90.5	9.9
1127	2010/07/19 16:31:27	0.625	86.5	6.8
1128	2010/07/19 16:31:31	0.625	86.8	8.8
1129	2010/07/19 16:31:47	0.500	89.4	11.3
1130	2010/07/19 16:31:59	0.875	82.3	8.2
1131	2010/07/19 16:32:43	0.875	82.0	6.5
1132	2010/07/19 16:32:54	0.625	80.6	9.3
1133	2010/07/19 16:33:16	0.750	85.3	11.7
1134	2010/07/19 16:33:18	0.750	89.0	9.7
1135	2010/07/19 16:33:23	0.750	87.7	8.6
1136	2010/07/19 16:33:52	0.625	77.7	11.9
1137	2010/07/19 16:33:53	0.750	81.3	9.4
1138	2010/07/19 16:34:08	0.625	81.6	11.0
1139	2010/07/19 16:35:35	0.875	86.6	7.8
1140	2010/07/19 16:35:42	0.875	85.9	12.4
1141	2010/07/19 16:36:10	0.750	87.2	10.8
1142	2010/07/19 16:36:22	0.500	90.5	10.5
1143	2010/07/19 16:37:00	0.750	90.7	10.5
1144	2010/07/19 16:37:28	1.000	85.3	12.4
1145	2010/07/19 16:38:34	0.875	87.5	7.6
1146	2010/07/19 16:38:58	1.000	81.3	10.8
1147	2010/07/19 16:40:02	1.000	79.0	8.6
1148	2010/07/19 16:40:30	0.875	76.6	9.7
1149	2010/07/19 16:41:16	0.750	87.9	8.4

1150	2010/07/19 16:41:21	0.750	85.6	11.1
1151	2010/07/19 16:41:34	0.750	86.9	7.4
1152	2010/07/19 16:41:39	1.000	87.7	7.8
1153	2010/07/19 16:42:47	0.875	83.3	8.4
1154	2010/07/19 16:42:55	0.750	89.2	9.8
1155	2010/07/19 16:43:52	0.875	89.7	10.2
1156	2010/07/19 16:44:18	1.000	87.0	8.1
1157	2010/07/19 16:44:43	0.625	84.1	10.9
1158	2010/07/19 16:45:04	0.875	87.0	8.0
1159	2010/07/19 16:45:10	0.875	90.9	11.1
1160	2010/07/19 16:45:27	1.000	88.2	7.7
1161	2010/07/19 16:45:31	0.750	83.7	8.2
1162	2010/07/19 16:47:42	0.750	79.9	11.2
1163	2010/07/19 16:53:00	0.875	79.4	11.1
1164	2010/07/19 16:53:20	0.750	81.0	8.7
1165	2010/07/19 16:53:27	0.875	86.3	9.4
1166	2010/07/19 16:53:36	0.625	85.8	11.0
1167	2010/07/19 16:53:37	0.750	85.0	9.1
1168	2010/07/19 16:53:44	0.625	84.5	10.6
1169	2010/07/19 16:53:46	0.875	83.4	7.1
1170	2010/07/19 16:54:37	0.875	86.2	10.7
1171	2010/07/19 16:54:50	0.625	91.2	12.2
1172	2010/07/19 16:55:40	1.000	79.1	9.0
1173	2010/07/19 16:56:01	0.750	81.0	10.0
1174	2010/07/19 16:56:57	0.875	79.8	10.7
1175	2010/07/19 16:57:37	0.500	76.7	12.0
1176	2010/07/19 16:57:53	0.750	75.3	10.0
1177	2010/07/19 17:00:05	0.750	74.3	12.7
1178	2010/07/19 17:00:06	1.000	72.5	9.8
1179	2010/07/19 17:00:07	0.875	75.9	10.8
1180	2010/07/19 17:00:51	0.625	80.6	12.3
1181	2010/07/19 17:09:30	0.625	82.5	13.3

1182	2010/07/19 17:09:49	0.625	79.2	12.5
1183	2010/07/19 17:56:49	0.625	72.9	13.3
1184	2010/07/19 17:57:41	0.500	73.6	12.5
1185	2010/07/19 17:57:42	0.750	80.5	11.9
1186	2010/07/19 18:02:05	1.000	66.7	12.0
1187	2010/07/19 18:02:11	0.875	72.5	9.8
1188	2010/07/19 18:02:58	0.875	81.6	9.0
1189	2010/07/19 18:07:11	1.000	73.9	11.6
1190	2010/07/19 18:07:40	0.750	84.0	11.5
1191	2010/07/19 18:07:41	0.750	82.9	8.3
1192	2010/07/19 18:14:30	0.875	78.5	9.7
1193	2010/07/19 18:14:38	0.625	83.4	9.7
1194	2010/07/19 18:15:02	0.875	92.5	10.6
1195	2010/07/19 18:15:04	0.750	94.5	11.9
1196	2010/07/19 18:15:05	0.625	97.5	13.0
1197	2010/07/19 18:15:07	0.750	80.2	13.9
1198	2010/07/19 18:15:08	0.625	76.8	15.6
1199	2010/07/19 18:15:12	0.625	97.4	14.1
1200	2010/07/19 18:15:30	1.000	78.5	10.3
1201	2010/07/19 18:15:36	0.875	76.4	9.1
1202	2010/07/19 18:17:19	0.500	96.2	13.8
1203	2010/07/19 18:18:26	1.000	82.9	8.5
1204	2010/07/19 18:18:48	0.500	96.9	13.7
1205	2010/07/19 18:20:24	0.875	77.4	10.2
1206	2010/07/19 18:25:52	0.750	80.2	10.5
1207	2010/07/19 18:25:58	1.000	80.5	10.7
1208	2010/07/19 18:32:59	0.625	78.6	12.2
1209	2010/07/19 18:33:03	0.625	78.4	7.6
1210	2010/07/19 18:33:42	0.875	81.4	10.8
1211	2010/07/19 18:33:55	1.000	82.2	10.8
1212	2010/07/19 18:33:56	0.625	84.1	11.2
1213	2010/07/19 18:34:35	0.625	79.9	11.9

1214	2010/07/19 18:34:40	0.750	86.3	11.1
1215	2010/07/19 18:34:45	0.500	85.8	10.0
1216	2010/07/19 18:34:52	0.625	79.3	13.6
1217	2010/07/19 18:34:55	0.875	75.1	9.8
1218	2010/07/19 18:34:56	0.875	78.9	11.0
1219	2010/07/19 18:34:58	0.625	84.0	13.0
1220	2010/07/19 18:35:02	0.750	85.4	12.5
1221	2010/07/19 18:35:24	0.875	86.5	11.0
1222	2010/07/19 18:36:13	0.750	68.8	10.2
1223	2010/07/19 18:36:41	0.625	74.3	10.7
1224	2010/07/19 18:37:13	0.625	75.1	13.1
1225	2010/07/19 18:37:25	0.750	76.0	13.1
1226	2010/07/19 18:38:21	0.750	81.6	11.3
1227	2010/07/19 18:38:42	0.750	87.9	9.5
1228	2010/07/19 18:38:52	0.875	86.9	11.0
1229	2010/07/19 18:39:53	0.750	85.4	7.1
1230	2010/07/19 18:40:25	1.000	87.1	9.3
1231	2010/07/19 18:40:26	1.000	85.8	8.6
1232	2010/07/19 18:40:27	1.000	86.8	8.5
1233	2010/07/19 18:41:21	0.875	89.3	11.4
1234	2010/07/19 18:41:36	1.000	89.3	12.5
1235	2010/07/19 18:41:48	0.625	89.5	12.7
1236	2010/07/19 18:42:32	0.875	86.0	10.4
1237	2010/07/19 18:42:42	0.875	91.4	8.7
1238	2010/07/19 18:45:38	0.625	79.4	10.7
1239	2010/07/19 18:45:39	0.750	74.6	10.0
1240	2010/07/19 18:48:31	0.625	79.4	13.6
1241	2010/07/19 19:12:02	0.625	70.8	12.3
1242	2010/07/19 19:18:36	1.000	69.4	11.5
1243	2010/07/19 19:18:39	0.750	73.3	7.7
1244	2010/07/19 19:18:40	0.625	72.7	10.1
1245	2010/07/19 19:19:03	0.625	79.2	11.7



1246	2010/07/19 19:19:23	0.875	80.6	10.1
1247	2010/07/19 19:19:52	1.000	83.0	8.1
1248	2010/07/19 19:22:45	0.625	81.1	11.3
1249	2010/07/19 19:24:27	0.875	87.2	12.0
1250	2010/07/19 19:26:07	0.750	86.6	12.3
1251	2010/07/19 19:26:18	0.750	88.4	12.0
1252	2010/07/19 19:27:59	0.875	86.4	11.8
1253	2010/07/19 19:28:07	0.625	86.2	11.6
1254	2010/07/19 19:29:18	0.625	84.8	12.5
1255	2010/07/19 19:29:33	0.500	88.1	12.3
1256	2010/07/19 19:30:31	1.000	86.8	8.1
1257	2010/07/19 19:31:10	0.500	88.1	12.3
1258	2010/07/19 19:31:27	0.625	92.7	12.9
1259	2010/07/19 19:32:37	0.625	92.3	12.3
1260	2010/07/19 19:33:42	0.625	90.4	12.4
1261	2010/07/19 19:33:47	0.500	86.0	13.0
1262	2010/07/19 19:34:26	0.875	88.9	9.9
1263	2010/07/19 19:39:24	0.750	91.4	13.8
1264	2010/07/19 19:41:00	0.750	82.8	9.6
1265	2010/07/19 19:41:35	0.875	84.8	10.7
1266	2010/07/19 19:41:46	0.625	86.1	9.9
1267	2010/07/19 19:41:49	0.625	87.8	9.2
1268	2010/07/19 19:41:51	0.750	86.7	9.8
1269	2010/07/19 19:42:03	0.625	87.7	12.9
1270	2010/07/19 19:42:12	0.875	85.5	10.0
1271	2010/07/19 19:42:14	1.000	82.8	7.9
1272	2010/07/19 19:43:27	0.625	88.8	11.0
1273	2010/07/19 19:43:31	0.875	79.7	9.6
1274	2010/07/19 19:44:16	1.000	88.9	12.3
1275	2010/07/19 19:44:50	1.000	82.7	8.6
1276	2010/07/19 19:45:29	0.625	82.0	11.1
1277	2010/07/19 19:45:57	0.500	90.0	11.3

1278	2010/07/19 19:50:13	0.750	92.3	12.2
1279	2010/07/19 19:50:45	0.750	85.3	11.1
1280	2010/07/19 19:50:47	1.000	82.6	9.7
1281	2010/07/19 19:51:40	0.500	89.2	13.3
1282	2010/07/19 19:51:54	1.000	82.5	11.2
1283	2010/07/19 19:52:03	0.875	87.3	11.8
1284	2010/07/19 19:52:18	0.875	79.6	9.8
1285	2010/07/19 19:54:51	0.750	87.8	13.6
1286	2010/07/19 19:56:51	0.875	82.8	8.3
1287	2010/07/19 19:59:10	1.000	86.4	12.8
1288	2010/07/19 20:00:58	1.000	89.9	10.3
1289	2010/07/19 20:02:19	0.625	86.2	11.6
1290	2010/07/19 20:03:26	0.625	85.0	12.7
1291	2010/07/19 20:03:53	0.750	86.9	12.8
1292	2010/07/19 20:07:33	0.750	89.4	11.4
1293	2010/07/19 20:08:41	1.000	76.9	8.1
1294	2010/07/19 20:16:42	0.875	82.9	11.2
1295	2010/07/19 20:17:34	0.750	86.3	10.6
1296	2010/07/19 20:19:30	0.750	78.5	10.9
1297	2010/07/19 20:19:42	0.625	79.5	9.8
1298	2010/07/19 20:30:59	0.875	82.3	9.5
1299	2010/07/19 20:31:23	0.625	88.4	11.0
1300	2010/07/19 20:31:36	0.750	91.8	11.2
1301	2010/07/19 20:31:40	0.750	90.6	11.5
1302	2010/07/19 20:31:55	0.875	87.8	11.0
1303	2010/07/19 20:32:06	0.750	83.7	11.1
1304	2010/07/19 20:34:20	0.875	71.0	9.5
1305	2010/07/19 20:36:47	0.750	88.6	13.0
1306	2010/07/19 20:38:06	0.625	89.5	14.0
1307	2010/07/19 20:38:07	0.750	86.3	10.2
1308	2010/07/19 20:40:30	0.875	76.7	11.3
1309	2010/07/19 20:40:33	0.625	77.1	11.7

1310	2010/07/19 20:40:35	0.750	82.3	13.0
1311	2010/07/19 20:40:40	0.750	75.3	9.1
1312	2010/07/19 20:40:41	0.625	75.5	8.6
1313	2010/07/19 20:40:42	0.625	75.6	11.1
1314	2010/07/19 20:40:44	0.625	81.3	11.8
1315	2010/07/19 20:40:52	1.000	82.6	9.1
1316	2010/07/19 20:40:53	1.000	77.1	8.5
1317	2010/07/19 20:40:57	0.750	74.1	8.2
1318	2010/07/19 20:41:03	0.875	89.2	10.9
1319	2010/07/19 20:41:05	0.875	83.2	8.0
1320	2010/07/19 20:41:09	0.750	73.9	8.8
1321	2010/07/19 20:41:31	1.000	80.3	10.1
1322	2010/07/19 20:41:34	0.625	80.5	9.7
1323	2010/07/19 20:41:35	0.500	73.6	10.5
1324	2010/07/19 20:41:47	0.500	81.1	13.2
1325	2010/07/19 20:42:02	1.000	83.2	12.5
1326	2010/07/19 20:42:10	0.625	74.9	10.6
1327	2010/07/19 20:42:28	0.750	83.9	12.5
1328	2010/07/19 20:42:29	0.750	82.5	9.2
1329	2010/07/19 20:42:31	0.625	78.2	8.6
1330	2010/07/19 20:42:32	0.875	80.6	9.9
1331	2010/07/19 20:42:33	0.625	83.1	12.0
1332	2010/07/19 20:42:35	0.875	84.3	9.7
1333	2010/07/19 20:42:49	1.000	81.7	10.8
1334	2010/07/19 20:43:09	0.750	76.5	10.4
1335	2010/07/19 20:54:33	0.750	75.6	10.9
1336	2010/07/19 21:01:37	0.750	82.9	9.8
1337	2010/07/19 21:01:39	0.875	76.6	7.2
1338	2010/07/19 21:01:43	0.625	85.9	12.9
1339	2010/07/19 21:01:58	0.750	79.6	10.8
1340	2010/07/19 21:01:59	0.625	82.1	10.6
1341	2010/07/19 21:02:26	0.750	93.0	13.5

1342	2010/07/19 21:02:36	0.750	87.8	6.9
1343	2010/07/19 21:02:40	1.000	85.0	9.7
1344	2010/07/19 21:02:47	0.875	81.7	10.5
1345	2010/07/19 21:03:02	0.625	80.1	12.4
1346	2010/07/19 21:03:03	0.625	81.9	10.9
1347	2010/07/19 21:03:10	1.000	82.8	9.2
1348	2010/07/19 21:03:14	0.750	89.4	9.8
1349	2010/07/19 21:03:19	0.875	84.8	10.3
1350	2010/07/19 21:03:35	0.750	77.0	7.7
1351	2010/07/19 21:03:38	0.625	90.6	10.9
1352	2010/07/19 21:04:02	0.750	84.3	7.4
1353	2010/07/19 21:04:36	1.000	85.9	9.5
1354	2010/07/19 21:05:15	0.500	97.1	12.2
1355	2010/07/19 21:06:05	0.750	87.6	6.1
1356	2010/07/19 21:06:33	0.875	82.1	10.6
1357	2010/07/19 21:07:00	0.625	86.5	12.0
1358	2010/07/19 21:07:04	0.625	87.9	13.0
1359	2010/07/19 21:07:17	0.875	83.2	6.8
1360	2010/07/19 21:07:40	0.750	92.9	11.4
1361	2010/07/19 21:07:54	0.750	84.1	10.4
1362	2010/07/19 21:08:35	1.000	89.0	9.3
1363	2010/07/19 21:08:44	1.000	84.5	10.9
1364	2010/07/19 21:08:48	0.875	83.0	10.9
1365	2010/07/19 21:08:52	0.750	89.4	11.4
1366	2010/07/19 21:09:32	0.625	92.1	12.7
1367	2010/07/19 21:09:48	0.750	84.1	10.0
1368	2010/07/19 21:09:54	0.875	83.1	9.1
1369	2010/07/19 21:09:58	0.625	87.9	11.9
1370	2010/07/19 21:09:59	0.875	88.9	10.7
1371	2010/07/19 21:11:14	0.500	93.1	11.7
1372	2010/07/19 21:11:34	1.000	88.5	12.3
1373	2010/07/19 21:11:38	1.000	93.8	11.1

1374	2010/07/19 21:12:33	0.500	90.2	12.3
1375	2010/07/19 21:14:01	0.500	91.4	12.8
1376	2010/07/19 21:14:35	0.875	83.2	9.3
1377	2010/07/19 21:16:20	0.750	80.7	11.3
1378	2010/07/19 21:17:47	0.875	85.8	12.2
1379	2010/07/19 21:18:26	1.000	89.0	11.0
1380	2010/07/19 21:19:08	0.875	90.7	12.4
1381	2010/07/19 21:19:25	0.625	90.4	13.2
1382	2010/07/19 21:20:24	0.625	90.2	13.6
1383	2010/07/19 21:22:45	0.750	91.2	13.6
1384	2010/07/19 21:31:31	0.875	82.0	11.7
1385	2010/07/19 21:31:56	1.000	82.4	12.9
1386	2010/07/19 21:33:34	0.500	88.2	13.9
1387	2010/07/19 21:41:55	0.625	81.2	9.4
1388	2010/07/19 21:43:00	0.625	83.9	12.4
1389	2010/07/19 21:43:13	1.000	84.7	11.9
1390	2010/07/19 21:44:44	0.875	80.3	9.6
1391	2010/07/19 21:45:12	0.750	82.9	9.6
1392	2010/07/19 21:45:50	0.750	81.7	11.1
1393	2010/07/19 21:48:07	0.625	85.5	11.9
1394	2010/07/19 21:48:16	0.500	89.6	13.7
1395	2010/07/19 21:48:45	0.500	84.7	13.6
1396	2010/07/19 21:49:08	0.625	83.6	12.6
1397	2010/07/19 21:56:42	1.000	64.1	9.7
1398	2010/07/19 21:59:59	0.875	75.1	8.1
1399	2010/07/19 22:00:12	0.625	80.1	8.0
1400	2010/07/19 22:00:34	1.000	79.3	9.0
1401	2010/07/19 22:00:38	0.750	80.0	10.3
1402	2010/07/19 22:01:22	0.750	80.6	11.2
1403	2010/07/19 22:01:34	0.875	81.2	10.7
1404	2010/07/19 22:01:36	0.625	75.4	9.6
1405	2010/07/19 22:02:45	0.625	84.8	12.7

1406	2010/07/19 22:02:49	0.750	76.1	9.8
1407	2010/07/19 22:03:00	0.875	88.2	11.1
1408	2010/07/19 22:03:04	0.500	92.3	13.2
1409	2010/07/19 22:03:43	0.625	84.0	11.5
1410	2010/07/19 22:05:14	0.875	91.4	13.2
1411	2010/07/19 22:05:28	0.625	86.6	13.7
1412	2010/07/19 22:07:50	0.500	89.3	13.9
1413	2010/07/19 22:13:19	0.875	78.2	7.9
1414	2010/07/19 22:14:52	0.875	80.7	10.8
1415	2010/07/19 22:14:54	0.750	80.0	10.0
1416	2010/07/19 22:14:57	0.875	85.3	9.7
1417	2010/07/19 22:14:58	0.625	88.6	10.0
1418	2010/07/19 22:15:04	0.875	86.6	10.2
1419	2010/07/19 22:15:06	1.000	76.3	11.1
1420	2010/07/19 22:15:08	0.875	81.4	11.6
1421	2010/07/19 22:15:24	0.625	82.6	12.6
1422	2010/07/19 22:17:09	0.750	78.0	11.7
1423	2010/07/19 22:17:42	0.500	80.2	13.5
1424	2010/07/19 22:17:44	0.625	90.1	13.7
1425	2010/07/19 22:18:38	0.750	84.9	12.5
1426	2010/07/19 22:25:33	0.875	81.1	9.2
1427	2010/07/19 22:26:49	0.625	84.4	11.0
1428	2010/07/19 22:27:07	0.625	86.4	12.0
1429	2010/07/19 22:28:33	0.750	84.8	12.2
1430	2010/07/19 22:44:49	0.750	72.1	9.3
1431	2010/07/19 22:49:55	0.625	85.1	12.4
1432	2010/07/19 22:54:05	1.000	72.2	8.7
1433	2010/07/19 22:58:09	0.750	79.7	9.7
1434	2010/07/19 22:58:16	0.750	89.3	13.6
1435	2010/07/19 22:58:34	0.875	83.8	11.0
1436	2010/07/19 23:00:25	0.875	87.5	11.7
1437	2010/07/19 23:01:33	1.000	80.7	8.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

1438	2010/07/19 23:01:35	0.875	81.2	11.1
1439	2010/07/19 23:01:50	0.750	85.7	10.0
1440	2010/07/19 23:03:10	0.875	77.5	6.2
1441	2010/07/19 23:03:32	1.000	80.9	10.1
1442	2010/07/19 23:03:58	0.750	67.0	10.5
1443	2010/07/19 23:09:43	0.750	73.9	11.2
1444	2010/07/19 23:10:27	1.000	67.8	9.3
1445	2010/07/19 23:27:11	0.875	79.6	10.0
1446	2010/07/19 23:27:36	1.000	73.1	7.6
1447	2010/07/19 23:33:45	0.500	83.4	13.4
1448	2010/07/19 23:36:49	1.000	67.1	9.3
1449	2010/07/19 23:36:54	0.625	70.6	10.7
1450	2010/07/19 23:41:15	0.875	75.6	8.3
1451	2010/07/19 23:42:51	0.625	77.1	10.5
1452	2010/07/19 23:44:14	0.750	77.7	11.1
1453	2010/07/19 23:44:33	0.500	84.6	12.4
1454	2010/07/19 23:44:39	0.750	80.8	10.8
1455	2010/07/19 23:45:25	0.750	79.7	12.2
1456	2010/07/19 23:45:28	0.750	82.8	10.6
1457	2010/07/19 23:45:34	1.000	80.4	10.3
1458	2010/07/19 23:45:36	0.875	88.1	12.0
1459	2010/07/19 23:46:03	0.500	89.9	13.9

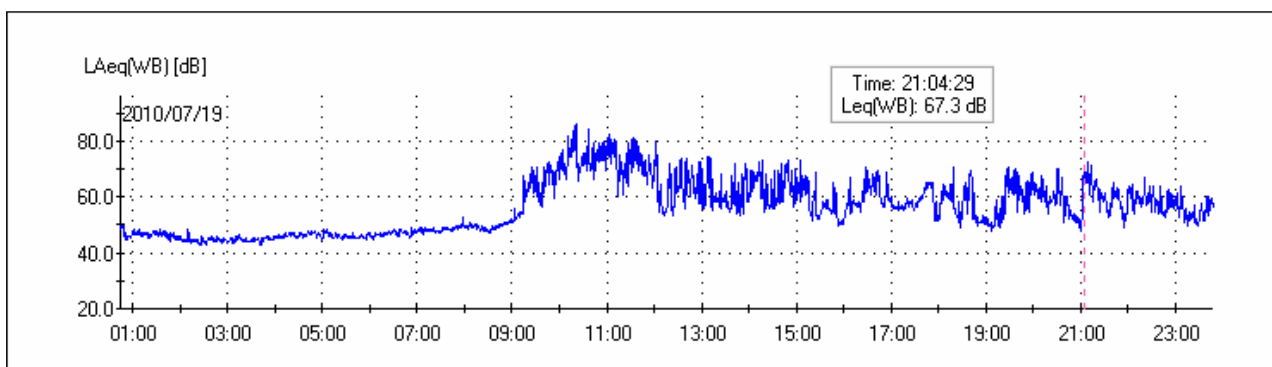
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

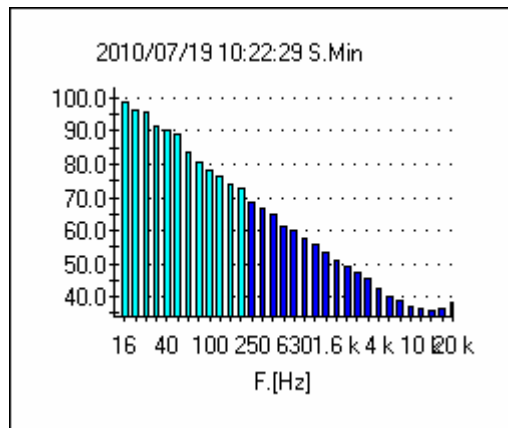


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 315	0.2
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

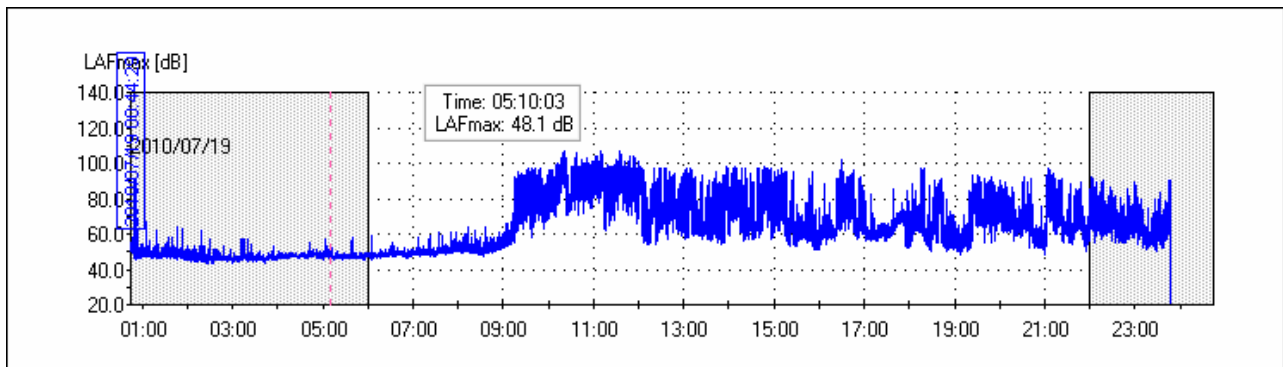


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

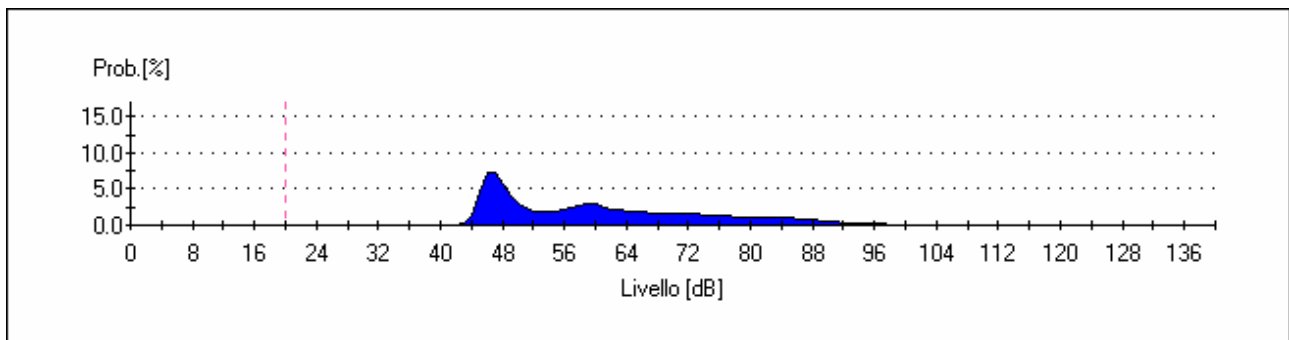
**TIME HISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

CUMULATIVA

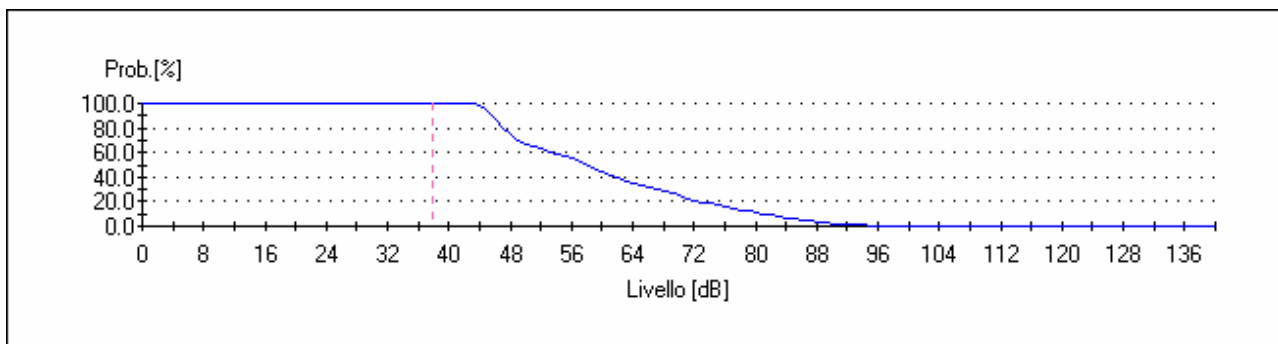
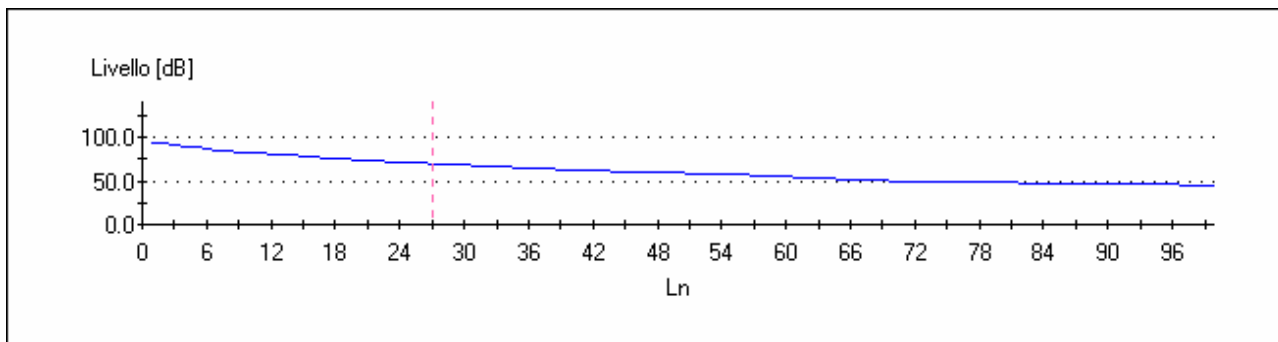


GRAFICO PERCENTILI



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	94.0
1	94.0
2	91.0
3	89.0
4	88.0
5	86.0
6	85.0
7	84.0
8	83.0
9	82.0
10	81.5
11	81.0
12	80.0
13	79.0
14	78.0
15	77.0
16	76.5
17	76.0
18	75.0
19	74.0
20	73.5
21	73.0
22	72.0
23	71.5
24	71.0
25	70.5
26	70.0
27	69.0
28	68.5
29	68.0
30	67.5

31	67.0
32	66.5
33	66.0
34	65.0
35	64.5
36	64.0
37	63.7
38	63.3
39	63.0
40	62.5
41	62.0
42	61.5
43	61.0
44	60.7
45	60.3
46	60.0
47	59.7
48	59.3
49	59.0
50	58.7
51	58.3
52	58.0
53	57.5
54	57.0
55	56.7
56	56.3
57	56.0
58	55.0
59	54.5
60	54.0
61	53.5
62	53.0

63	52.5
64	52.0
65	51.5
66	51.0
67	50.7
68	50.3
69	50.0
70	49.8
71	49.5
72	49.3
73	49.0
74	48.8
75	48.7
76	48.5
77	48.3
78	48.2
79	48.0
80	47.9
81	47.7
82	47.6
83	47.4
84	47.3
85	47.1
86	47.0
87	46.9
88	46.7
89	46.6
90	46.4
91	46.3
92	46.1
93	46.0
94	45.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	45.6
96	45.4
97	45.2
98	45.0
99	44.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	95.0
1	95.0
2	92.0
3	91.0
4	89.0
5	88.0
6	87.5
7	87.0
8	86.0
9	85.0
10	84.5
11	84.0
12	83.0
13	82.5
14	82.0
15	81.0
16	80.5
17	80.0
18	79.5
19	79.0
20	78.0
21	77.5
22	77.0

23	76.5
24	76.0
25	75.5
26	75.0
27	74.5
28	74.0
29	73.5
30	73.0
31	72.5
32	72.0
33	71.5
34	71.0
35	70.5
36	70.0
37	69.5
38	69.0
39	68.5
40	68.0
41	67.5
42	67.0
43	66.5
44	66.0
45	65.5
46	65.0
47	64.5
48	64.0
49	63.5
50	63.0
51	62.7
52	62.3
53	62.0
54	61.7

55	61.3
56	61.0
57	60.7
58	60.3
59	60.0
60	59.8
61	59.5
62	59.3
63	59.0
64	58.8
65	58.5
66	58.3
67	58.0
68	57.5
69	57.0
70	56.7
71	56.3
72	56.0
73	55.5
74	55.0
75	54.7
76	54.3
77	54.0
78	53.5
79	53.0
80	52.5
81	52.0
82	51.7
83	51.3
84	51.0
85	50.8
86	50.5



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	50.3
88	50.0
89	49.8
90	49.5
91	49.3
92	49.0
93	48.8
94	48.5
95	48.3
96	48.0
97	47.7
98	47.3
99	47.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	74.0
1	74.0
2	72.0
3	70.0
4	69.0
5	68.0
6	67.0
7	66.0
8	65.5
9	65.0
10	64.0
11	63.5
12	63.0
13	62.0
14	61.5

15	61.0
16	60.0
17	59.5
18	59.0
19	58.0
20	57.0
21	56.0
22	55.0
23	54.5
24	54.0
25	53.0
26	52.0
27	51.0
28	50.0
29	49.7
30	49.3
31	49.0
32	48.9
33	48.8
34	48.7
35	48.6
36	48.4
37	48.3
38	48.2
39	48.1
40	48.0
41	47.9
42	47.9
43	47.8
44	47.8
45	47.7
46	47.7

47	47.6
48	47.6
49	47.5
50	47.4
51	47.4
52	47.3
53	47.3
54	47.2
55	47.2
56	47.1
57	47.1
58	47.0
59	47.0
60	46.9
61	46.9
62	46.8
63	46.8
64	46.7
65	46.7
66	46.6
67	46.6
68	46.5
69	46.5
70	46.4
71	46.4
72	46.3
73	46.3
74	46.2
75	46.2
76	46.1
77	46.1
78	46.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

79	46.0
80	45.9
81	45.9
82	45.8
83	45.7
84	45.7
85	45.6
86	45.5
87	45.5
88	45.4
89	45.3
90	45.3
91	45.2
92	45.1
93	45.1
94	45.0
95	44.8
96	44.6
97	44.4
98	44.2
99	44.0

**LIVELLI DI IMPULS- FAST E SLOW**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
96.8	82.8	91.6
68.2	62.1	65.4
112	102.3	107.2
104.2	96.1	101.5
102.5	89.5	97.5
97	83.8	92.3
<b>112</b>	<b>102.3</b>	<b>107.2</b>

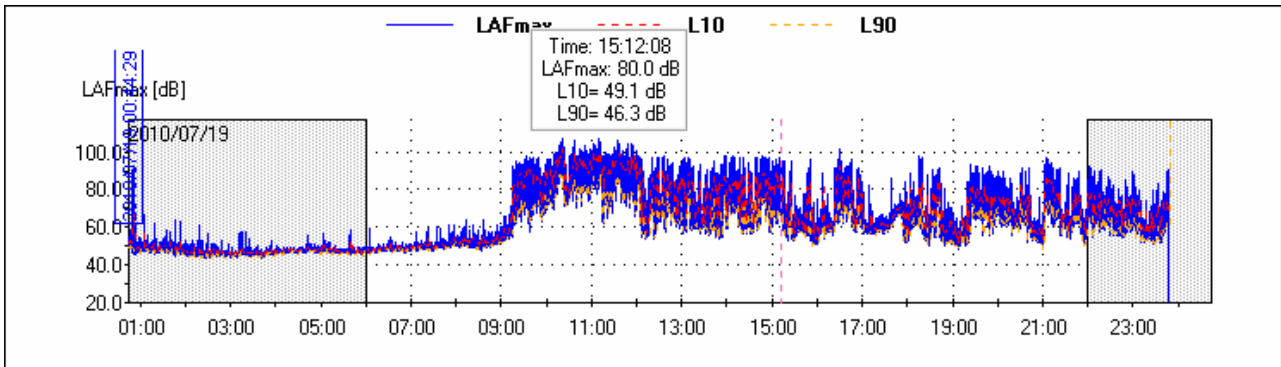
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
68.2	62.1	65.4
112	102.3	107.2
104.2	96.1	101.5
102.5	89.5	97.5
94.4	80.9	89.6
<b>112</b>	<b>102.3</b>	<b>107.2</b>

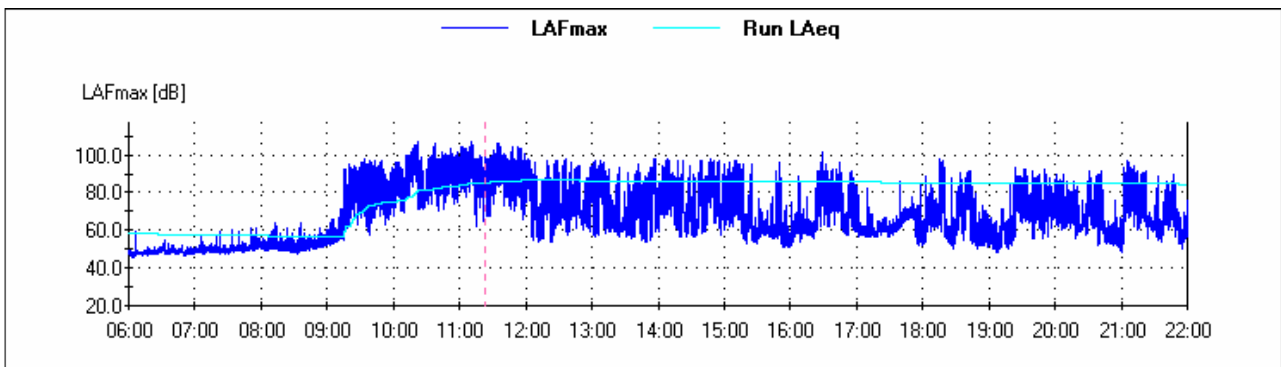
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
96.8	82.8	91.6
60.9	56.5	58
97	83.8	92.3
<b>97</b>	<b>83.8</b>	<b>92.3</b>

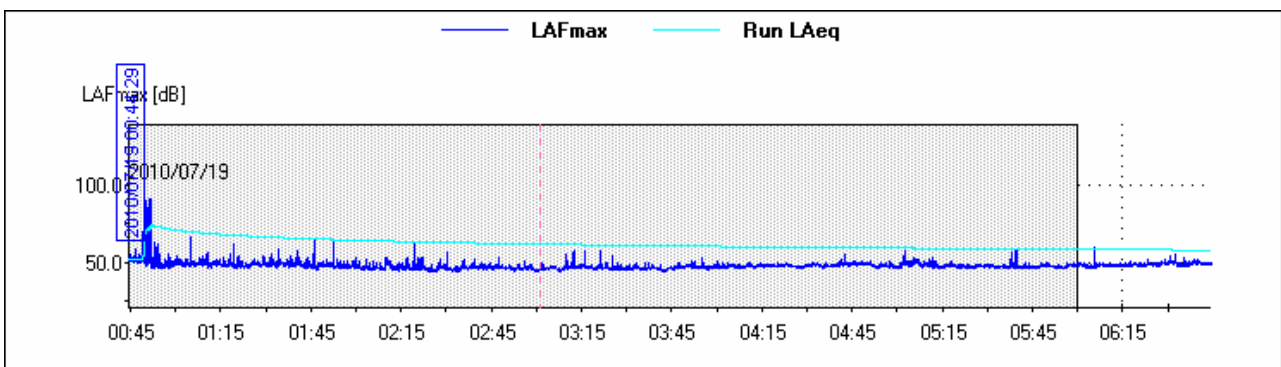
**TIME HISTORY L10 – L90**



**RUNNING Leq DIURNO**

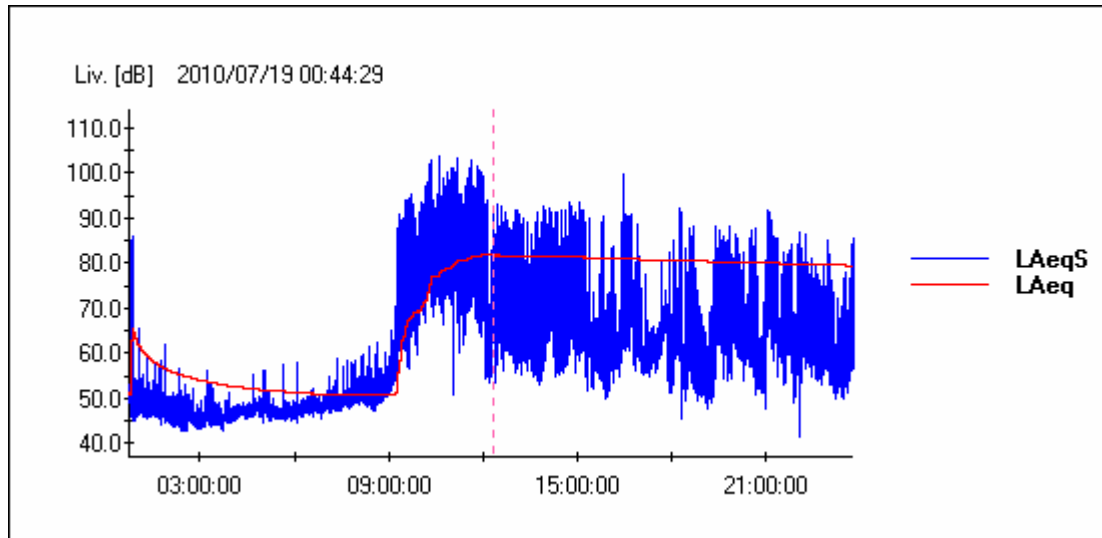


**RUNNING Leq NOTTURNO**

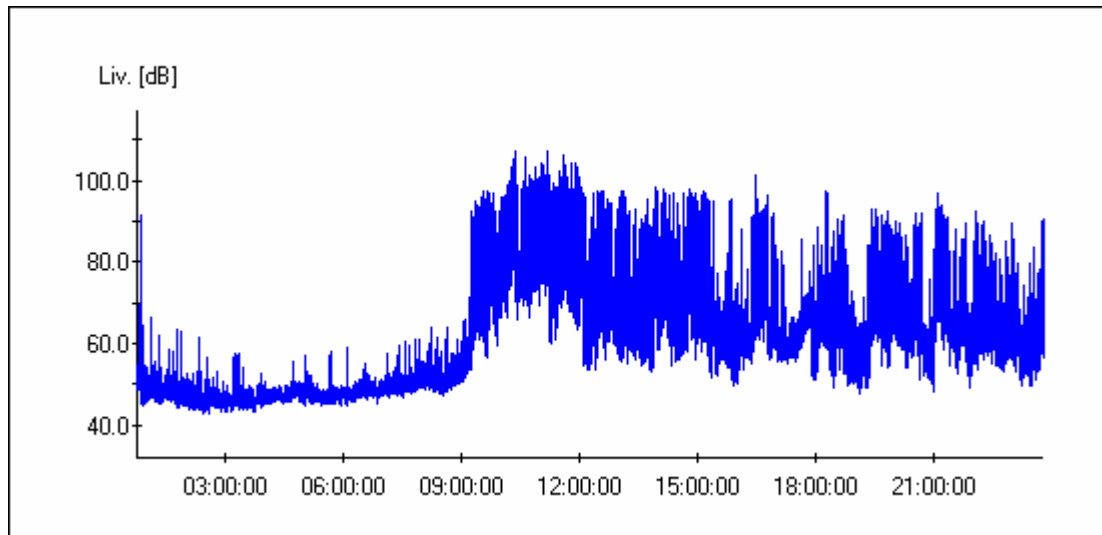


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx		<i>Rev</i> F0	<i>Data</i> 20/06/2011



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_13_S</b>	Indirizzo <b>PANORAMICA DELLO STRETTO</b>
<b>Descrizione del punto di misura/ricettore</b>  <p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale ad un distanza di mt 1 dalla stessa</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO	
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0 Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_13_S</b>	Indirizzo <b>PANORAMICA DELLO STRETTO</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>01/07/10</b>	<b>67.5</b>	<b>0</b>	<b>0</b>		<b>67.5</b>	<b>60</b>
Notte	22-6h	<b>01/07/10</b>	<b>65.7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65.7</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_13_S</b>
Data inizio	<b>01/07/2010</b>
Ora inizio	<b>1.03.54</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>67.3</b>	<b>67.5</b>	<b>65.7</b>
L1	[dBA]	<b>77.0</b>	<b>77.0</b>	<b>66.0</b>
L5	[dBA]	<b>72.0</b>	<b>72.0</b>	<b>56.0</b>
L10	[dBA]	<b>70.3</b>	<b>70.3</b>	<b>50.0</b>
L50	[dBA]	<b>63.4</b>	<b>63.9</b>	<b>39.1</b>
L90	[dBA]	<b>55.0</b>	<b>56.0</b>	<b>36.1</b>
L95	[dBA]	<b>52.0</b>	<b>54.0</b>	<b>35.3</b>
L99	[dBA]	<b>48.0</b>	<b>50.0</b>	<b>34.0</b>
Llmax	[dBA]	<b>95.1</b>	<b>94.1</b>	<b>95.1</b>
LFmax	[dBA]	<b>94.4</b>	<b>93.8</b>	<b>94.4</b>
LSmax	[dBA]	<b>91.5</b>	<b>89.6</b>	<b>91.5</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>67.3</b>	<b>67.5</b>	<b>65.7</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_13_S</b>	Indirizzo <b>PANORAMICA DELLO STRETTO</b>
-------	----------------------------	--

**Sorgente stradale:** \_\_\_\_\_

	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>90</b>	<b>75</b>	<b>86</b>	<b>95</b>	<b>84.25</b>	<b>38</b>	<b>8</b>	<b>27</b>
Veic. Pesanti / 10'	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.5</b>	<b>0</b>	<b>1</b>	<b>0.5</b>
Motocicli / 10'	<b>6</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>5.5</b>	<b>0</b>	<b>3</b>	<b>2</b>

**Parametri meteorologici**

	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>20</b>	<b>25</b>	<b>26.2</b>	<b>24.5</b>	<b>23.93</b>	<b>19</b>	<b>20</b>	<b>19.5</b>
Umidità relativa	<b>72</b>	<b>80</b>	<b>83</b>	<b>78</b>	<b>78.25</b>	<b>86</b>	<b>78</b>	<b>82</b>
Velocità vento	<b>1.5</b>	<b>2</b>	<b>2.2</b>	<b>1.8</b>	<b>1.875</b>	<b>2.5</b>	<b>2.8</b>	<b>2.65</b>
Direzione vento	<b>N</b>	<b>N N W</b>	<b>N W</b>	<b>N N W</b>		<b>N N W</b>	<b>N</b>	

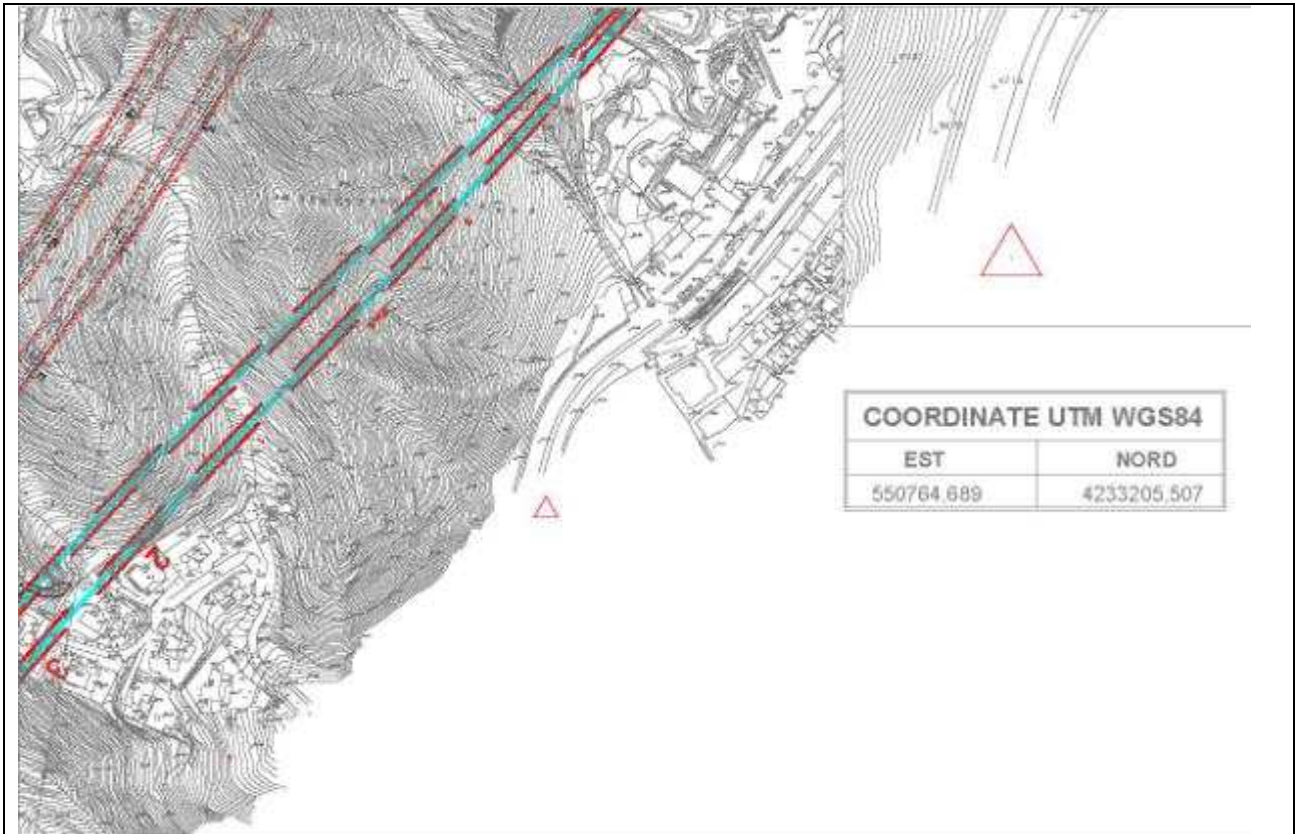
**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



<b>Punto</b>	<b>Ricettore</b> <b>R_13_S</b>	<b>Indirizzo</b> <b>PANORAMICA DELLO STRETTO</b>
--------------	-----------------------------------	---

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

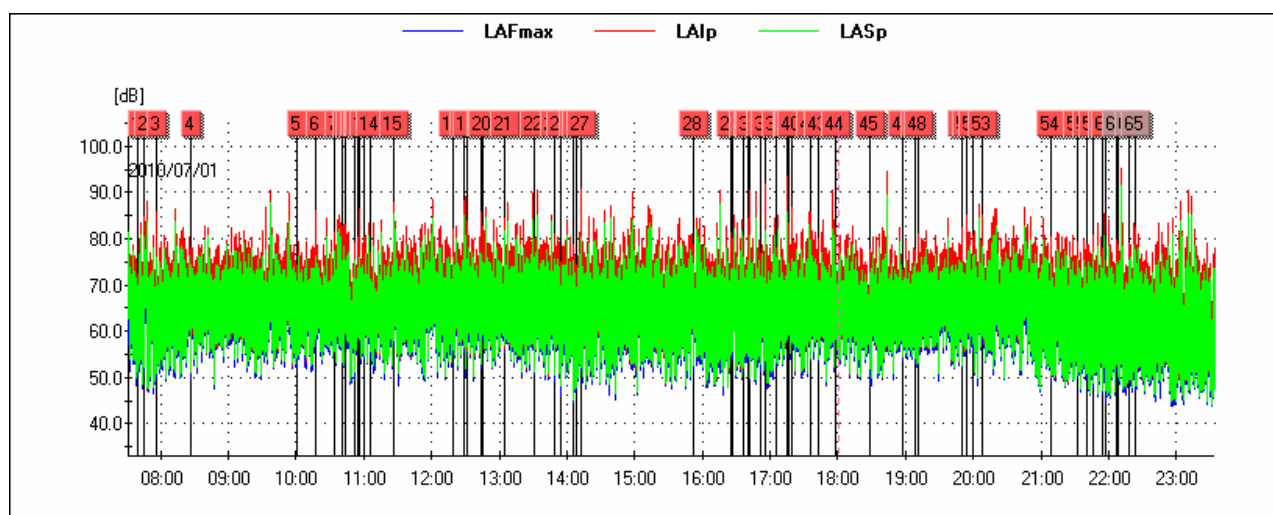
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

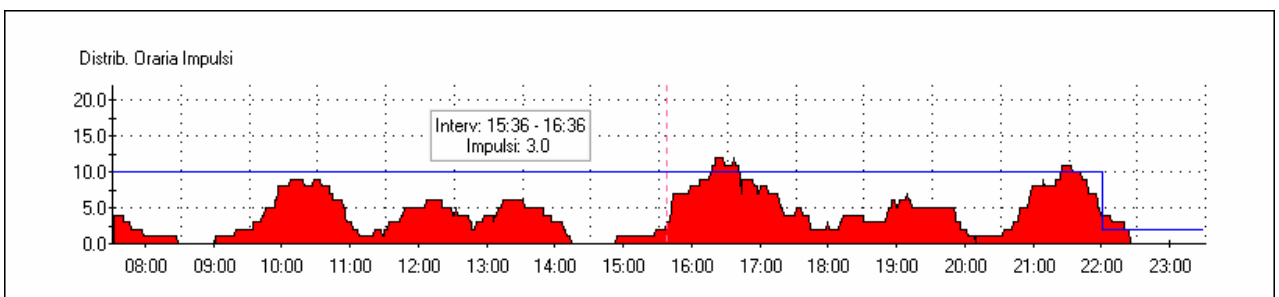
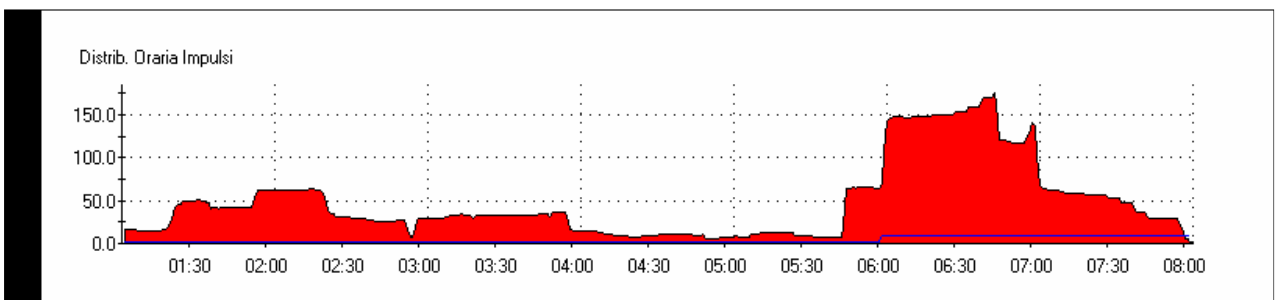
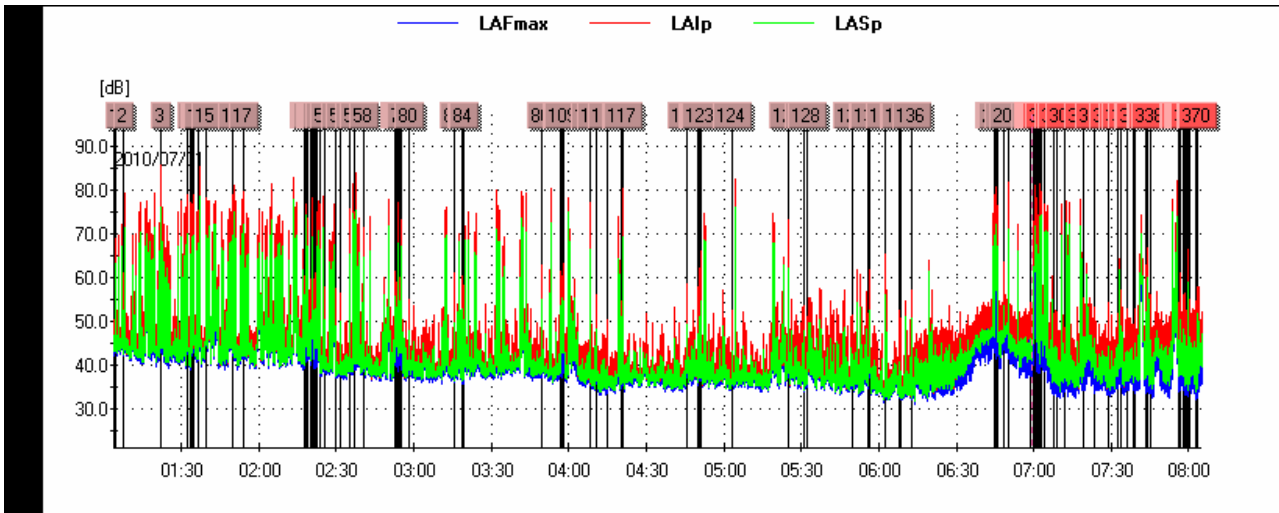
## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.





		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/01 01:04:38	0.625	64.7	12.3
2	2010/07/01 01:07:34	0.625	57.4	10.8
3	2010/07/01 01:22:03	0.750	83.2	11.3
4	2010/07/01 01:32:16	1.000	75.6	9.4
5	2010/07/01 01:33:46	0.875	72.6	11.7
6	2010/07/01 01:34:12	1.000	74.4	8.5
7	2010/07/01 01:34:39	1.000	74.4	9.4
8	2010/07/01 01:36:39	0.750	57.2	7.2
9	2010/07/01 01:36:42	0.875	56.0	8.3
10	2010/07/01 01:36:43	0.625	57.8	8.6
11	2010/07/01 01:36:44	0.750	57.4	7.9
12	2010/07/01 01:36:45	0.625	56.9	8.0
13	2010/07/01 01:36:46	0.750	54.6	7.8
14	2010/07/01 01:36:47	1.000	53.7	7.9
15	2010/07/01 01:39:38	1.000	62.2	6.4
16	2010/07/01 01:49:53	1.000	75.9	9.2
17	2010/07/01 01:54:15	1.000	77.4	7.7
18	2010/07/01 02:17:43	0.750	58.4	8.4



19	2010/07/01 02:18:26	0.875	55.6	8.6
20	2010/07/01 02:19:05	0.875	65.9	6.9
21	2010/07/01 02:19:52	0.750	54.5	9.1
22	2010/07/01 02:20:16	0.750	55.9	10.5
23	2010/07/01 02:20:21	1.000	54.6	8.2
24	2010/07/01 02:20:44	0.875	57.7	6.8
25	2010/07/01 02:20:56	0.875	54.6	7.7
26	2010/07/01 02:21:04	0.875	53.7	6.9
27	2010/07/01 02:21:05	0.750	55.2	7.8
28	2010/07/01 02:21:07	0.750	56.8	7.1
29	2010/07/01 02:21:18	0.875	55.0	6.4
30	2010/07/01 02:21:21	0.750	55.2	8.8
31	2010/07/01 02:21:25	0.875	56.0	7.8
32	2010/07/01 02:21:33	0.750	55.9	8.7
33	2010/07/01 02:21:39	0.875	54.0	6.9
34	2010/07/01 02:21:47	0.875	53.5	6.6
35	2010/07/01 02:21:51	0.750	57.3	8.8
36	2010/07/01 02:21:56	0.750	56.2	8.7
37	2010/07/01 02:21:57	0.750	57.3	9.5
38	2010/07/01 02:22:01	0.875	55.1	9.0
39	2010/07/01 02:22:05	0.750	56.2	7.5
40	2010/07/01 02:22:06	0.875	55.6	7.4
41	2010/07/01 02:22:08	0.750	57.1	8.4
42	2010/07/01 02:22:09	0.875	55.9	7.7
43	2010/07/01 02:22:17	0.750	57.3	7.7
44	2010/07/01 02:22:19	0.750	57.5	7.6
45	2010/07/01 02:22:22	0.750	58.4	8.9
46	2010/07/01 02:22:27	1.000	55.7	7.8
47	2010/07/01 02:23:23	1.000	72.3	10.3
48	2010/07/01 02:23:33	0.875	61.4	9.1
49	2010/07/01 02:23:53	0.750	54.8	9.7
50	2010/07/01 02:25:12	0.750	54.7	8.9

51	2010/07/01 02:25:13	0.875	53.9	7.0
52	2010/07/01 02:25:14	0.875	54.7	8.3
53	2010/07/01 02:29:34	0.750	55.8	8.7
54	2010/07/01 02:31:33	1.000	55.3	6.5
55	2010/07/01 02:34:57	1.000	71.2	10.0
56	2010/07/01 02:37:04	1.000	52.0	6.1
57	2010/07/01 02:40:37	0.750	52.9	9.5
58	2010/07/01 02:40:38	0.875	50.4	7.7
59	2010/07/01 02:52:42	1.000	51.2	8.6
60	2010/07/01 02:53:07	0.875	55.7	7.2
61	2010/07/01 02:53:26	0.875	52.6	7.2
62	2010/07/01 02:53:27	0.875	54.1	7.1
63	2010/07/01 02:53:29	1.000	55.4	7.5
64	2010/07/01 02:53:32	1.000	56.2	7.0
65	2010/07/01 02:53:33	0.875	55.6	7.0
66	2010/07/01 02:53:34	0.750	55.8	6.9
67	2010/07/01 02:53:39	0.875	54.8	6.4
68	2010/07/01 02:53:41	1.000	54.1	7.3
69	2010/07/01 02:53:45	0.875	53.7	8.3
70	2010/07/01 02:53:46	0.875	55.0	7.7
71	2010/07/01 02:54:15	1.000	55.6	7.3
72	2010/07/01 02:54:19	0.875	55.4	6.9
73	2010/07/01 02:54:20	0.875	55.9	7.2
74	2010/07/01 02:54:26	0.875	54.6	6.1
75	2010/07/01 02:54:27	0.875	54.7	6.8
76	2010/07/01 02:54:37	0.875	54.4	8.0
77	2010/07/01 02:54:39	0.875	54.6	7.6
78	2010/07/01 02:54:47	0.875	55.9	6.9
79	2010/07/01 02:54:53	0.875	56.2	8.5
80	2010/07/01 02:58:20	1.000	52.9	7.2
81	2010/07/01 03:15:48	0.625	57.5	11.7
82	2010/07/01 03:18:36	0.875	52.1	8.4

83	2010/07/01 03:19:01	0.875	55.4	7.8
84	2010/07/01 03:19:15	0.875	50.5	8.1
85	2010/07/01 03:49:30	0.750	52.8	8.1
86	2010/07/01 03:49:34	0.875	61.1	7.8
87	2010/07/01 03:56:42	0.875	53.9	6.7
88	2010/07/01 03:56:44	0.875	55.3	8.5
89	2010/07/01 03:56:47	0.875	53.7	6.8
90	2010/07/01 03:56:48	0.750	53.2	7.3
91	2010/07/01 03:56:51	0.875	54.2	8.1
92	2010/07/01 03:56:52	0.750	56.1	8.9
93	2010/07/01 03:56:53	0.750	54.2	6.8
94	2010/07/01 03:56:54	0.875	54.0	7.6
95	2010/07/01 03:56:55	0.750	54.0	7.3
96	2010/07/01 03:56:56	0.875	54.2	7.5
97	2010/07/01 03:56:57	0.875	54.1	7.4
98	2010/07/01 03:57:01	0.750	53.4	6.1
99	2010/07/01 03:57:02	0.750	57.3	8.8
100	2010/07/01 03:57:03	0.875	54.2	6.9
101	2010/07/01 03:57:08	0.875	53.3	7.2
102	2010/07/01 03:57:24	1.000	53.7	8.0
103	2010/07/01 03:57:36	0.875	54.0	7.8
104	2010/07/01 03:57:44	0.750	57.7	6.5
105	2010/07/01 03:57:49	0.875	57.5	7.3
106	2010/07/01 03:57:57	0.750	58.9	9.5
107	2010/07/01 03:58:02	0.750	58.7	9.4
108	2010/07/01 03:58:05	0.875	56.9	8.2
109	2010/07/01 03:58:10	1.000	59.2	9.3
110	2010/07/01 04:08:18	0.750	68.4	10.1
111	2010/07/01 04:08:22	0.625	73.7	10.9
112	2010/07/01 04:10:48	0.875	53.3	9.4
113	2010/07/01 04:10:49	1.000	52.2	6.2
114	2010/07/01 04:14:40	0.750	45.8	10.6

115	2010/07/01 04:20:12	1.000	48.4	9.2
116	2010/07/01 04:20:14	0.750	50.4	9.6
117	2010/07/01 04:20:38	1.000	76.1	11.1
118	2010/07/01 04:45:41	0.875	55.8	9.3
119	2010/07/01 04:50:11	0.625	54.5	10.8
120	2010/07/01 04:50:14	0.625	58.6	11.1
121	2010/07/01 04:50:50	0.625	62.4	11.4
122	2010/07/01 04:50:54	1.000	52.3	8.6
123	2010/07/01 04:50:59	0.875	49.4	9.3
124	2010/07/01 05:03:23	0.750	49.6	9.0
125	2010/07/01 05:25:03	0.750	68.8	11.2
126	2010/07/01 05:25:04	0.875	60.0	11.6
127	2010/07/01 05:31:01	0.875	45.8	10.7
128	2010/07/01 05:32:23	0.875	48.1	8.8
129	2010/07/01 05:49:50	1.000	47.6	7.5
130	2010/07/01 05:56:02	1.000	48.3	10.1
131	2010/07/01 05:56:14	0.750	55.4	8.3
132	2010/07/01 06:02:28	0.625	62.7	9.5
133	2010/07/01 06:08:09	0.750	44.0	10.8
134	2010/07/01 06:08:11	0.625	47.9	11.9
135	2010/07/01 06:08:14	1.000	43.7	10.3
136	2010/07/01 06:12:39	0.875	46.1	8.1
137	2010/07/01 06:44:45	0.625	59.5	9.4
138	2010/07/01 06:44:47	0.625	63.4	9.3
139	2010/07/01 06:44:47	0.625	70.9	10.3
140	2010/07/01 06:44:49	0.625	67.8	8.8
141	2010/07/01 06:44:49	0.625	68.1	8.4
142	2010/07/01 06:44:51	0.625	66.9	8.7
143	2010/07/01 06:44:52	0.625	72.8	9.9
144	2010/07/01 06:44:52	0.625	75.1	9.8
145	2010/07/01 06:44:53	0.625	71.9	8.5
146	2010/07/01 06:44:54	0.625	68.4	8.5

147	2010/07/01 06:44:55	0.625	67.7	6.7
148	2010/07/01 06:44:56	0.500	75.5	9.8
149	2010/07/01 06:44:56	0.625	73.9	7.9
150	2010/07/01 06:44:57	0.625	67.9	8.4
151	2010/07/01 06:44:58	0.625	70.3	7.2
152	2010/07/01 06:44:58	0.625	71.2	8.1
153	2010/07/01 06:44:59	0.625	73.9	9.2
154	2010/07/01 06:45:00	0.625	75.1	9.8
155	2010/07/01 06:45:01	0.625	71.8	8.9
156	2010/07/01 06:45:02	0.625	75.8	8.7
157	2010/07/01 06:45:03	0.625	75.2	8.6
158	2010/07/01 06:45:04	0.625	74.8	9.7
159	2010/07/01 06:45:05	0.625	74.8	8.2
160	2010/07/01 06:45:06	0.625	70.4	7.5
161	2010/07/01 06:45:07	0.625	68.9	7.5
162	2010/07/01 06:45:07	0.625	75.0	9.5
163	2010/07/01 06:45:08	0.625	71.8	8.9
164	2010/07/01 06:45:10	0.625	75.4	10.1
165	2010/07/01 06:45:11	0.625	75.5	9.8
166	2010/07/01 06:45:11	0.625	76.9	9.3
167	2010/07/01 06:45:12	0.625	75.0	8.2
168	2010/07/01 06:45:13	0.625	74.8	7.8
169	2010/07/01 06:45:14	0.625	73.5	8.1
170	2010/07/01 06:45:15	0.625	70.3	7.3
171	2010/07/01 06:45:16	0.625	72.9	8.9
172	2010/07/01 06:45:17	0.625	69.2	7.7
173	2010/07/01 06:45:18	0.625	74.7	10.5
174	2010/07/01 06:45:18	0.625	72.1	8.7
175	2010/07/01 06:45:19	0.625	70.9	7.3
176	2010/07/01 06:45:20	0.625	76.2	9.8
177	2010/07/01 06:45:22	0.625	73.2	8.8
178	2010/07/01 06:45:22	0.625	74.2	8.4

179	2010/07/01 06:45:23	0.625	74.4	8.3
180	2010/07/01 06:45:24	0.625	74.5	8.8
181	2010/07/01 06:45:24	0.625	74.2	7.9
182	2010/07/01 06:45:25	0.625	76.2	9.1
183	2010/07/01 06:45:26	0.625	75.5	8.3
184	2010/07/01 06:45:27	0.625	78.0	8.6
185	2010/07/01 06:45:28	0.625	74.6	8.6
186	2010/07/01 06:45:29	0.625	72.1	8.0
187	2010/07/01 06:45:30	0.625	72.0	7.1
188	2010/07/01 06:45:31	0.750	69.7	7.1
189	2010/07/01 06:45:33	0.750	72.9	10.4
190	2010/07/01 06:45:36	0.750	69.2	10.4
191	2010/07/01 06:45:38	0.625	73.6	10.0
192	2010/07/01 06:45:38	0.625	72.9	8.9
193	2010/07/01 06:45:39	0.625	70.7	8.3
194	2010/07/01 06:45:40	0.625	72.5	9.2
195	2010/07/01 06:45:41	0.625	71.8	7.4
196	2010/07/01 06:45:42	0.750	65.4	7.3
197	2010/07/01 06:45:43	0.625	68.3	7.0
198	2010/07/01 06:45:44	0.625	71.7	9.3
199	2010/07/01 06:45:45	0.625	69.0	9.0
200	2010/07/01 06:45:45	0.625	70.7	8.5
201	2010/07/01 06:45:47	0.625	68.2	8.1
202	2010/07/01 06:45:48	0.625	64.8	8.2
203	2010/07/01 06:45:49	0.625	64.9	7.5
204	2010/07/01 06:45:50	0.625	67.5	8.6
205	2010/07/01 06:45:52	0.875	57.4	10.4
206	2010/07/01 06:48:38	0.625	60.1	9.9
207	2010/07/01 06:50:06	0.875	77.8	10.7
208	2010/07/01 06:58:51	0.750	50.6	8.3
209	2010/07/01 06:59:37	0.750	53.4	7.0
210	2010/07/01 06:59:37	0.625	54.6	7.4

211	2010/07/01 06:59:38	0.750	55.2	6.9
212	2010/07/01 06:59:51	0.875	55.6	7.2
213	2010/07/01 06:59:53	0.875	53.6	6.8
214	2010/07/01 07:00:08	0.750	59.7	9.1
215	2010/07/01 07:00:09	0.750	67.7	10.1
216	2010/07/01 07:00:09	0.625	64.1	9.2
217	2010/07/01 07:00:10	0.625	69.2	10.3
218	2010/07/01 07:00:11	0.625	67.7	8.3
219	2010/07/01 07:00:14	0.625	68.9	7.5
220	2010/07/01 07:00:15	0.625	70.2	7.7
221	2010/07/01 07:00:16	0.625	64.2	8.7
222	2010/07/01 07:00:16	0.625	72.6	9.9
223	2010/07/01 07:00:17	0.625	72.7	9.6
224	2010/07/01 07:00:19	0.625	67.6	8.1
225	2010/07/01 07:00:19	0.625	67.9	7.1
226	2010/07/01 07:00:20	0.625	73.1	9.3
227	2010/07/01 07:00:22	0.625	69.9	7.5
228	2010/07/01 07:00:23	0.625	68.8	6.7
229	2010/07/01 07:00:23	0.625	69.2	7.1
230	2010/07/01 07:00:24	0.625	69.4	6.7
231	2010/07/01 07:00:26	0.625	74.5	7.9
232	2010/07/01 07:00:26	0.625	76.1	8.4
233	2010/07/01 07:00:28	0.625	72.0	6.2
234	2010/07/01 07:00:29	0.750	74.1	8.1
235	2010/07/01 07:00:30	0.625	71.1	6.5
236	2010/07/01 07:00:31	0.625	71.5	8.2
237	2010/07/01 07:00:32	0.625	75.1	9.0
238	2010/07/01 07:00:33	0.625	73.2	9.0
239	2010/07/01 07:00:35	0.625	77.9	9.3
240	2010/07/01 07:00:37	0.625	73.1	7.5
241	2010/07/01 07:00:38	0.750	68.9	7.4
242	2010/07/01 07:00:39	0.625	70.1	7.6

243	2010/07/01 07:00:39	0.625	67.8	6.9
244	2010/07/01 07:00:40	0.625	68.3	7.7
245	2010/07/01 07:00:41	0.625	73.6	9.6
246	2010/07/01 07:00:42	0.625	74.9	9.5
247	2010/07/01 07:00:43	0.625	69.7	7.6
248	2010/07/01 07:00:45	0.625	71.1	8.5
249	2010/07/01 07:00:46	0.625	68.7	7.6
250	2010/07/01 07:00:47	0.625	71.8	9.1
251	2010/07/01 07:00:49	0.625	70.9	10.0
252	2010/07/01 07:00:50	0.750	65.9	9.4
253	2010/07/01 07:00:52	0.625	74.9	10.6
254	2010/07/01 07:00:53	0.750	68.0	11.3
255	2010/07/01 07:00:55	0.750	61.0	11.6
256	2010/07/01 07:00:56	0.625	67.7	9.8
257	2010/07/01 07:00:57	0.625	65.7	7.7
258	2010/07/01 07:00:58	0.625	70.3	9.8
259	2010/07/01 07:01:01	0.625	67.6	7.7
260	2010/07/01 07:01:02	0.625	65.8	6.9
261	2010/07/01 07:01:03	0.750	58.6	8.0
262	2010/07/01 07:01:04	0.750	57.2	6.6
263	2010/07/01 07:01:05	0.750	58.0	8.7
264	2010/07/01 07:01:06	0.625	59.1	8.6
265	2010/07/01 07:01:08	0.625	56.1	7.7
266	2010/07/01 07:01:12	1.000	58.8	9.0
267	2010/07/01 07:01:18	0.750	57.3	8.8
268	2010/07/01 07:01:22	0.750	52.8	7.9
269	2010/07/01 07:01:28	0.875	54.6	7.5
270	2010/07/01 07:01:29	0.750	55.2	7.9
271	2010/07/01 07:01:30	0.750	57.4	8.1
272	2010/07/01 07:01:31	0.750	55.5	7.4
273	2010/07/01 07:01:34	0.875	57.3	9.5
274	2010/07/01 07:01:37	0.625	66.6	10.2



275	2010/07/01 07:01:38	0.625	68.2	9.5
276	2010/07/01 07:01:38	0.625	70.3	9.0
277	2010/07/01 07:01:40	0.625	69.2	8.3
278	2010/07/01 07:01:40	0.625	71.1	8.9
279	2010/07/01 07:01:41	0.625	69.4	7.8
280	2010/07/01 07:01:42	0.625	70.1	8.8
281	2010/07/01 07:01:43	0.625	70.9	9.4
282	2010/07/01 07:01:44	0.625	70.4	7.8
283	2010/07/01 07:01:45	0.625	67.0	6.9
284	2010/07/01 07:01:46	0.625	68.9	7.7
285	2010/07/01 07:01:46	0.750	69.2	7.1
286	2010/07/01 07:01:47	0.625	64.0	7.7
287	2010/07/01 07:01:48	0.625	66.8	7.4
288	2010/07/01 07:01:49	0.750	66.0	7.5
289	2010/07/01 07:01:50	0.625	66.4	7.7
290	2010/07/01 07:01:51	0.625	66.8	8.1
291	2010/07/01 07:01:51	0.625	67.6	7.5
292	2010/07/01 07:01:52	0.750	67.5	7.9
293	2010/07/01 07:01:53	0.625	69.4	9.8
294	2010/07/01 07:01:54	0.625	68.7	8.8
295	2010/07/01 07:01:55	0.625	69.5	8.2
296	2010/07/01 07:01:56	0.625	66.0	8.4
297	2010/07/01 07:01:56	0.625	63.7	7.1
298	2010/07/01 07:01:57	0.750	63.0	6.8
299	2010/07/01 07:02:00	0.625	65.1	9.2
300	2010/07/01 07:02:01	0.625	63.5	8.4
301	2010/07/01 07:02:03	0.625	62.4	8.2
302	2010/07/01 07:02:04	0.625	64.9	9.6
303	2010/07/01 07:03:05	0.750	53.1	7.8
304	2010/07/01 07:04:09	0.750	49.7	6.8
305	2010/07/01 07:07:38	1.000	49.4	8.2
306	2010/07/01 07:09:06	1.000	44.5	8.5

307	2010/07/01 07:11:47	0.875	45.2	6.5
308	2010/07/01 07:11:48	1.000	44.9	6.5
309	2010/07/01 07:19:10	0.750	49.1	8.0
310	2010/07/01 07:19:24	1.000	51.8	9.2
311	2010/07/01 07:23:23	0.750	49.4	6.7
312	2010/07/01 07:28:46	0.750	51.3	9.9
313	2010/07/01 07:28:55	1.000	47.0	8.6
314	2010/07/01 07:32:34	0.750	48.8	6.9
315	2010/07/01 07:33:46	1.000	49.4	6.2
316	2010/07/01 07:33:49	0.750	51.5	8.0
317	2010/07/01 07:33:52	0.625	54.2	8.3
318	2010/07/01 07:33:53	0.750	53.0	6.9
319	2010/07/01 07:33:54	1.000	53.8	8.2
320	2010/07/01 07:36:22	0.750	49.4	8.4
321	2010/07/01 07:38:43	0.750	46.8	8.2
322	2010/07/01 07:38:56	0.750	47.4	7.6
323	2010/07/01 07:38:57	0.750	49.6	7.5
324	2010/07/01 07:39:00	0.750	47.3	6.7
325	2010/07/01 07:39:02	0.750	48.0	8.1
326	2010/07/01 07:39:03	1.000	45.8	7.0
327	2010/07/01 07:39:04	0.875	46.8	7.2
328	2010/07/01 07:39:07	0.750	47.1	7.5
329	2010/07/01 07:39:07	0.750	48.4	7.5
330	2010/07/01 07:39:10	0.750	50.0	8.6
331	2010/07/01 07:39:11	0.750	48.9	6.7
332	2010/07/01 07:39:12	1.000	49.4	7.4
333	2010/07/01 07:43:14	0.625	52.6	10.1
334	2010/07/01 07:43:22	0.625	55.9	10.2
335	2010/07/01 07:43:28	0.750	59.3	10.7
336	2010/07/01 07:43:51	0.625	58.5	10.9
337	2010/07/01 07:44:06	0.750	63.0	10.9
338	2010/07/01 07:44:58	0.750	52.8	10.5

339	2010/07/01 07:56:16	0.875	50.1	9.9
340	2010/07/01 07:56:19	0.750	51.6	8.5
341	2010/07/01 07:56:33	0.625	51.5	9.8
342	2010/07/01 07:56:34	0.625	52.6	9.5
343	2010/07/01 07:56:36	0.625	53.0	9.5
344	2010/07/01 07:56:37	0.625	57.7	10.6
345	2010/07/01 07:56:38	0.625	55.2	9.0
346	2010/07/01 07:56:41	0.750	53.5	10.1
347	2010/07/01 07:57:55	0.750	52.3	6.7
348	2010/07/01 07:57:56	0.875	53.3	7.8
349	2010/07/01 07:57:58	0.750	52.1	7.1
350	2010/07/01 07:58:00	0.625	53.2	8.3
351	2010/07/01 07:58:03	0.625	52.5	8.3
352	2010/07/01 07:58:04	0.625	52.3	7.8
353	2010/07/01 07:58:09	0.625	52.0	8.4
354	2010/07/01 07:58:10	0.750	51.8	7.9
355	2010/07/01 07:58:14	0.750	51.0	9.0
356	2010/07/01 07:58:14	0.750	51.7	8.9
357	2010/07/01 07:58:17	0.750	51.1	10.0
358	2010/07/01 07:58:21	0.625	52.1	10.2
359	2010/07/01 07:58:22	0.750	52.8	9.7
360	2010/07/01 07:58:22	0.625	51.6	8.6
361	2010/07/01 07:58:23	0.625	51.4	8.6
362	2010/07/01 07:58:25	0.875	50.0	8.2
363	2010/07/01 07:58:47	0.750	48.0	10.1
364	2010/07/01 07:58:59	1.000	47.0	8.1
365	2010/07/01 07:59:32	0.875	64.8	7.5
366	2010/07/01 08:00:01	1.000	46.4	8.0
367	2010/07/01 08:00:28	0.875	47.1	6.1
368	2010/07/01 08:00:31	0.750	52.2	8.4
369	2010/07/01 08:02:51	0.750	51.0	10.7
370	2010/07/01 08:03:10	0.750	45.5	8.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Ev	Inizio	Durata LAFmax- 10dB[s]	LAFmax[dB]	LAlmax - LASmax [dB]
1	2010/07/01 07:39:12	0.625	65.9	10.4
2	2010/07/01 07:45:39	0.875	83.1	6.2
3	2010/07/01 07:56:17	0.875	82.7	10.1
4	2010/07/01 08:26:07	0.875	61.7	9.1
5	2010/07/01 10:00:16	0.750	66.3	7.6
6	2010/07/01 10:17:04	0.625	83.7	9.7
7	2010/07/01 10:33:22	1.000	78.6	8.8
8	2010/07/01 10:40:13	0.875	81.0	7.2
9	2010/07/01 10:43:38	0.750	79.8	10.3
10	2010/07/01 10:52:28	0.750	62.1	8.9
11	2010/07/01 10:54:12	0.750	75.2	9.5
12	2010/07/01 10:55:48	0.625	83.4	10.5
13	2010/07/01 11:00:07	0.750	77.9	9.2
14	2010/07/01 11:05:27	1.000	75.0	7.6
15	2010/07/01 11:26:01	0.750	78.3	9.0
16	2010/07/01 12:19:30	0.875	81.2	6.2
17	2010/07/01 12:28:16	0.750	84.9	7.0
18	2010/07/01 12:32:05	0.875	82.0	7.9
19	2010/07/01 12:43:59	0.625	83.7	9.2

20	2010/07/01 12:45:15	1.000	80.3	7.8
21	2010/07/01 13:04:13	0.875	78.0	8.2
22	2010/07/01 13:31:07	0.875	63.7	9.4
23	2010/07/01 13:48:51	0.625	69.2	11.9
24	2010/07/01 13:55:09	0.625	64.4	10.4
25	2010/07/01 14:05:26	0.625	58.5	11.2
26	2010/07/01 14:08:52	1.000	67.9	7.4
27	2010/07/01 14:12:15	0.625	87.6	10.4
28	2010/07/01 15:52:18	0.750	74.4	8.3
29	2010/07/01 16:26:00	0.875	78.5	7.7
30	2010/07/01 16:36:46	0.625	77.6	10.5
31	2010/07/01 16:40:03	0.875	76.9	7.5
32	2010/07/01 16:40:23	0.750	82.0	9.3
33	2010/07/01 16:41:16	0.750	75.5	7.7
34	2010/07/01 16:41:35	0.625	87.7	10.0
35	2010/07/01 16:52:06	0.750	74.6	9.5
36	2010/07/01 16:56:22	0.750	88.9	11.3
37	2010/07/01 17:05:41	1.000	71.9	7.2
38	2010/07/01 17:14:46	0.875	91.9	8.0
39	2010/07/01 17:16:11	0.875	81.0	8.6
40	2010/07/01 17:19:47	0.625	83.4	11.2
41	2010/07/01 17:35:51	0.750	68.9	10.0
42	2010/07/01 17:42:34	0.625	76.0	10.2
43	2010/07/01 17:42:47	0.625	77.6	9.6
44	2010/07/01 17:58:22	0.625	79.2	10.5
45	2010/07/01 18:29:02	0.750	61.6	8.7
46	2010/07/01 18:57:56	0.750	68.1	7.1
47	2010/07/01 19:08:55	0.750	72.0	9.8
48	2010/07/01 19:11:28	0.750	79.0	8.2
49	2010/07/01 19:49:41	0.750	80.8	8.0
50	2010/07/01 19:50:11	1.000	74.7	7.7
51	2010/07/01 19:54:24	0.750	82.0	10.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

52	2010/07/01 20:00:12	0.750	71.3	8.3
53	2010/07/01 20:07:52	0.875	82.4	7.8
54	2010/07/01 21:08:58	1.000	78.8	7.3
55	2010/07/01 21:32:13	0.750	69.9	10.7
56	2010/07/01 21:40:41	0.750	70.0	7.5
57	2010/07/01 21:46:13	0.750	60.8	10.0
58	2010/07/01 21:46:18	0.625	65.2	12.4
59	2010/07/01 21:54:57	1.000	67.6	8.9
60	2010/07/01 21:55:00	0.875	65.5	7.8
61	2010/07/01 21:57:19	0.875	66.6	8.7
62	2010/07/01 22:07:43	0.875	76.8	7.6
63	2010/07/01 22:18:44	0.625	64.5	10.9
64	2010/07/01 22:23:15	1.000	65.2	7.9
65	2010/07/01 22:23:21	0.625	68.2	11.8

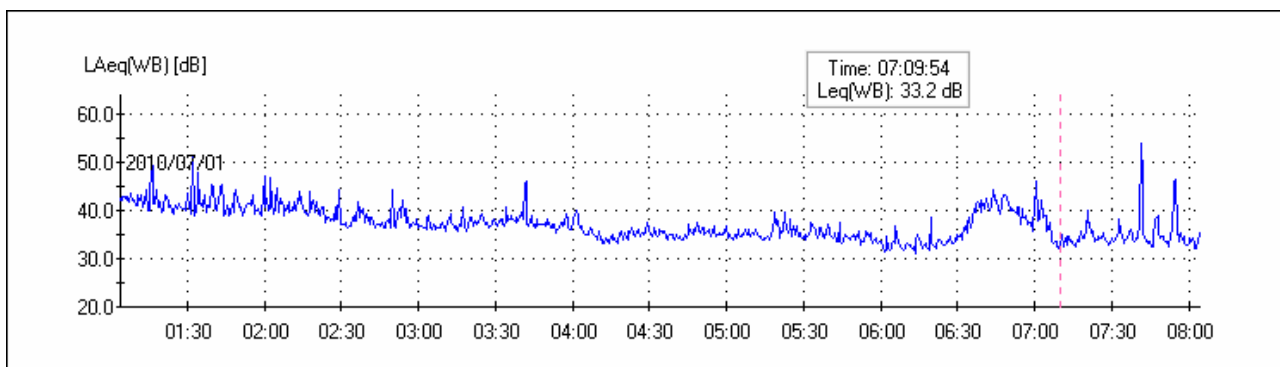
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

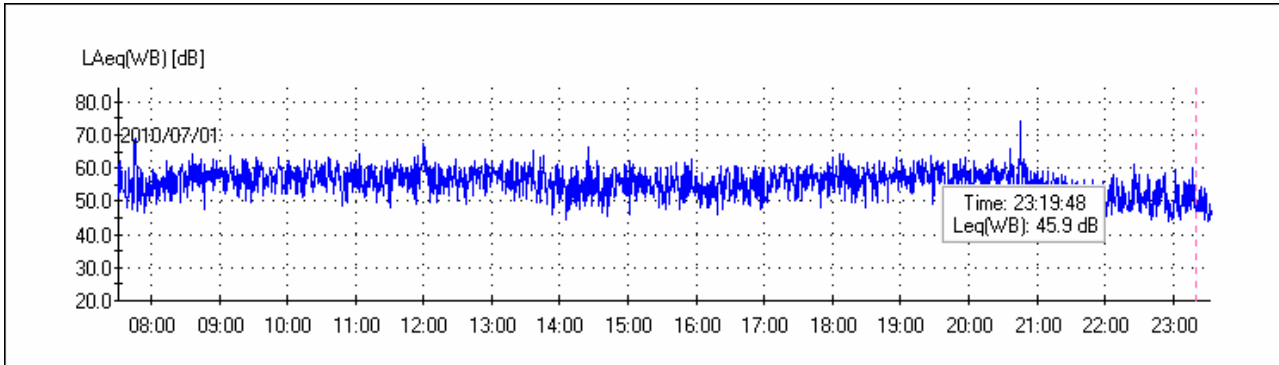
### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.





SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 630	0.2
Freq: 1.25 k	0.1
Freq: 2.5 k	0.1
Freq: 3.15 k	30.8
Freq: 4 k	0.4
Freq: 5 k	0.1
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

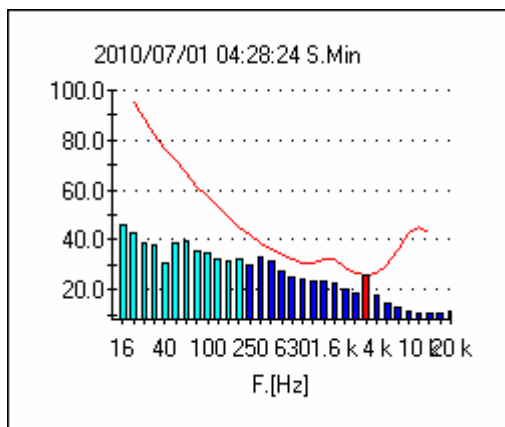
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]



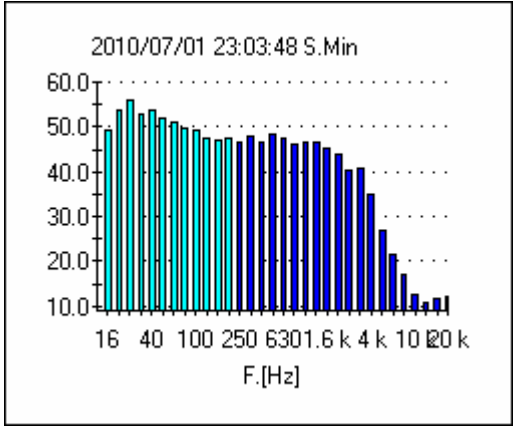
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Freq: 100	0.1
Freq: 250	0.1
Freq: 315	0.1
Freq: 400	0.1
Freq: 500	0.1
Freq: 630	0.1
Freq: 800	0.2
Freq: 1 k	0.2
Freq: 3.15 k	5.7
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

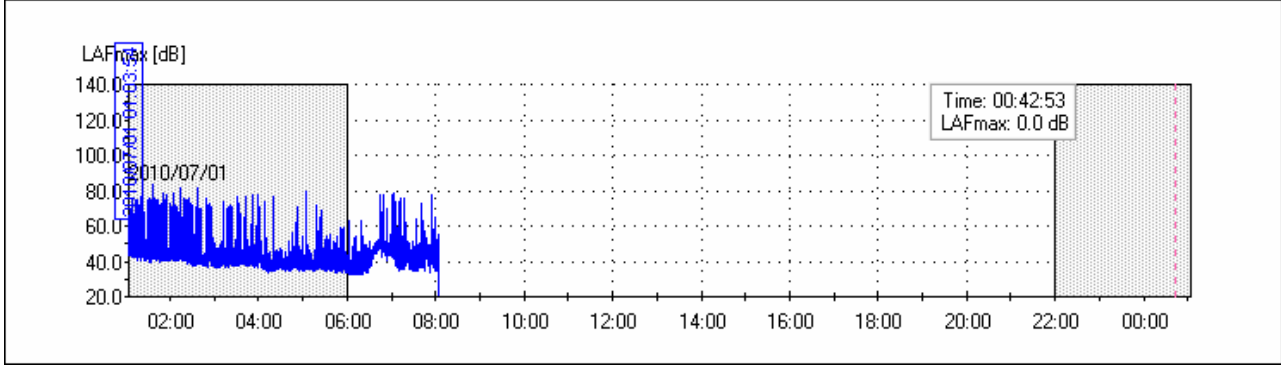
**TIME HISTORY COMPONENTI TONALI**

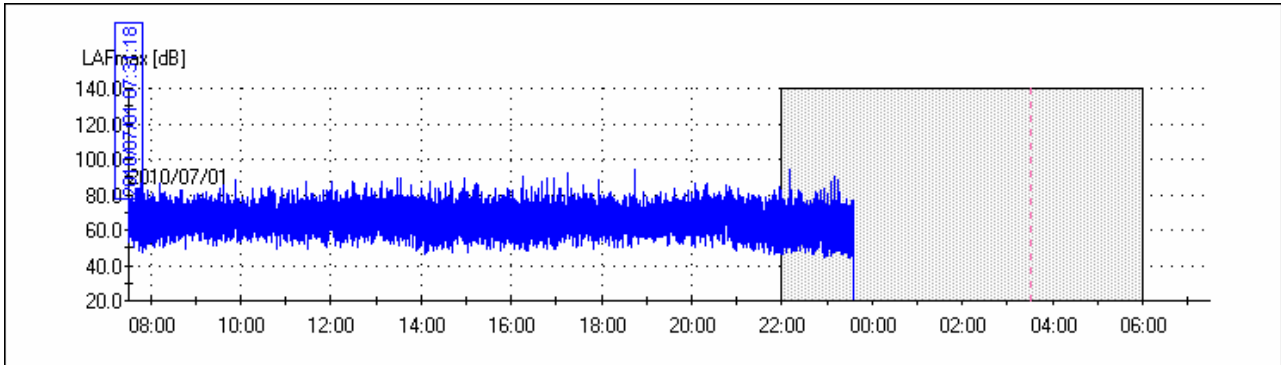


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

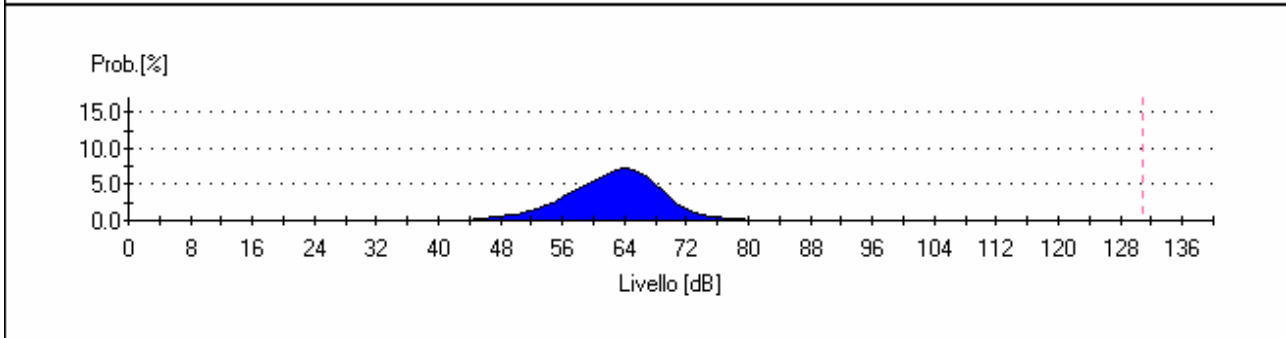
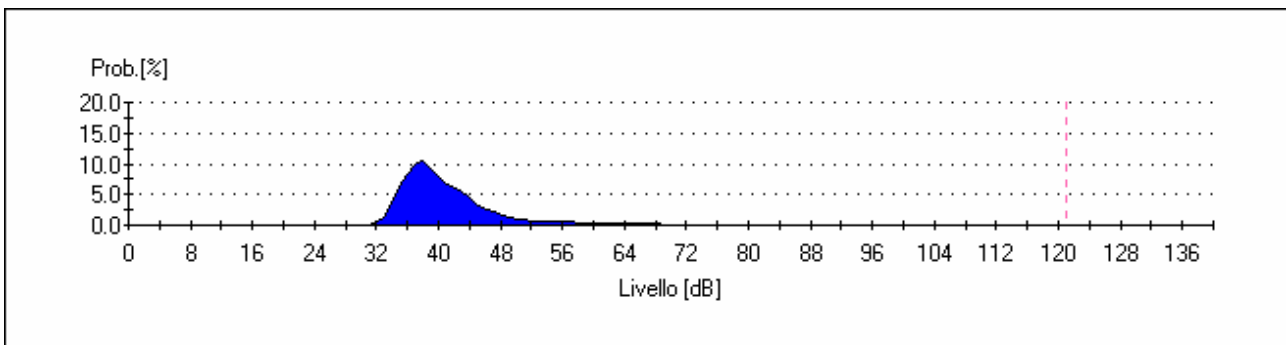


**IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**

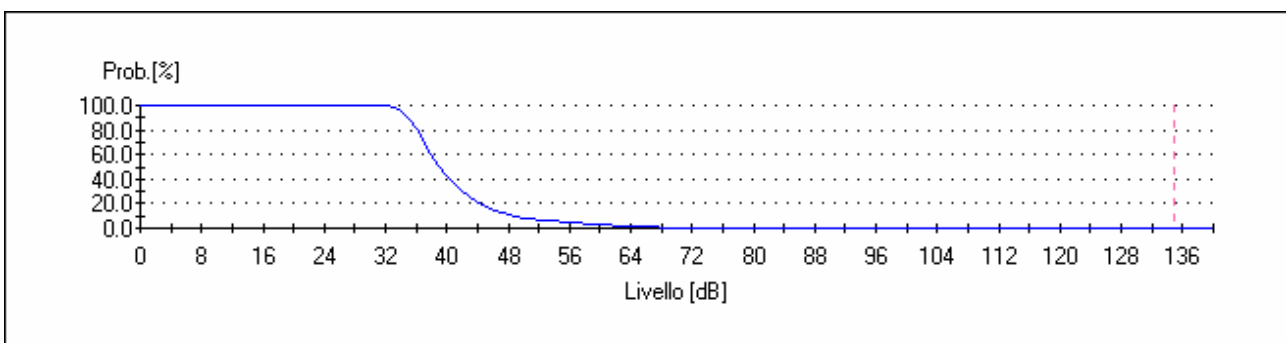


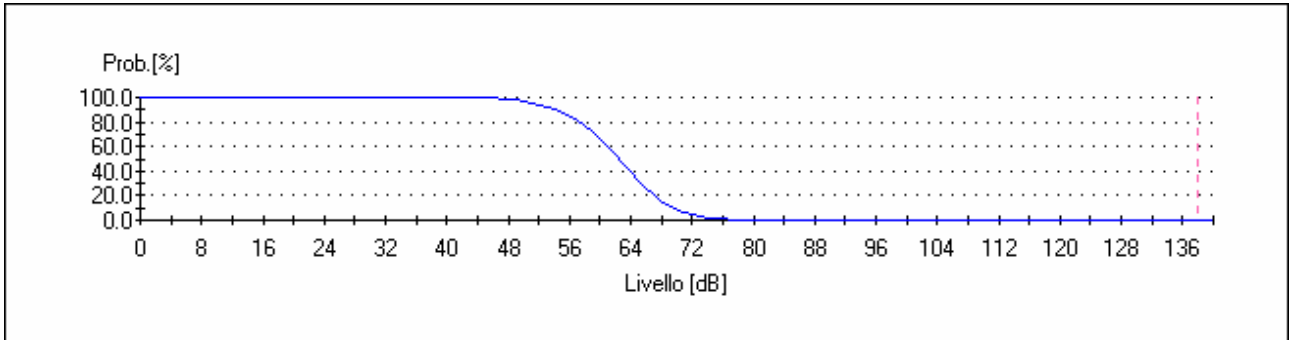


**DISTRIBUTIVA**

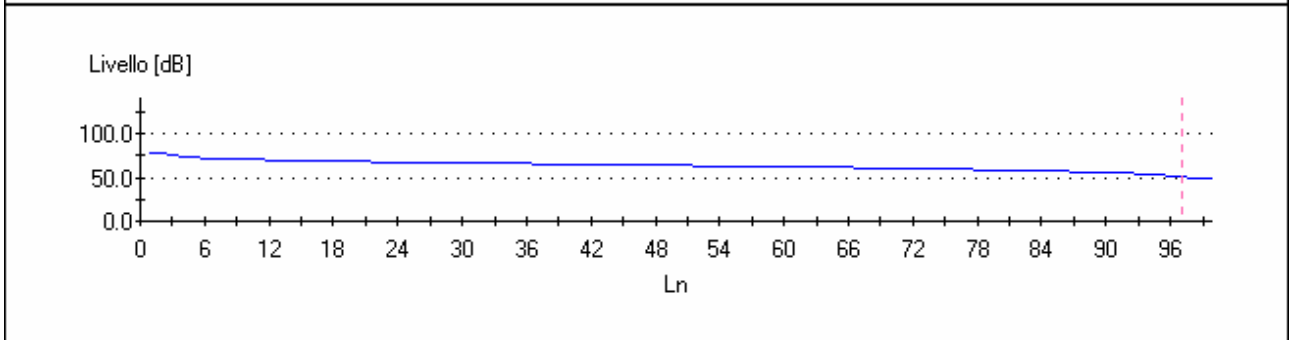
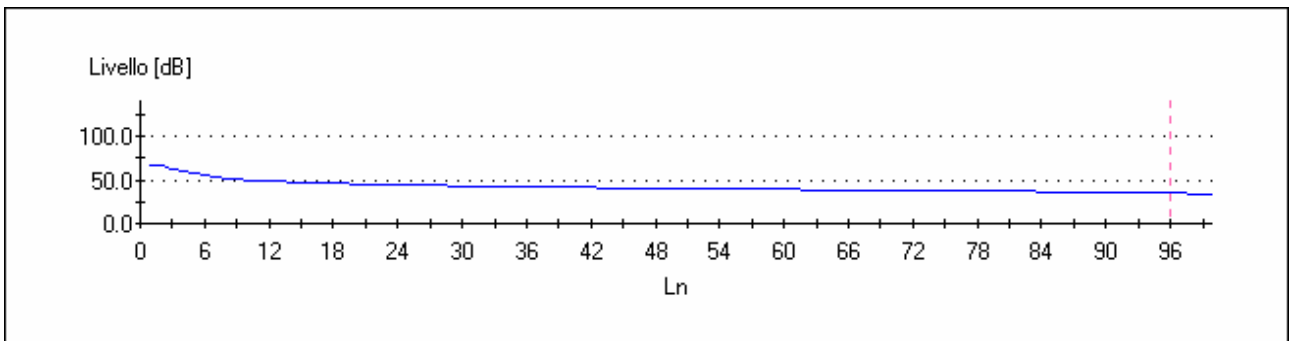


**CUMULATIVA**





**GRAFICO PERCENTILI**



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	77.0
<b>1</b>	<b>77.0</b>
2	75.0
3	74.0
4	73.0
<b>5</b>	<b>72.0</b>

6	71.5
7	71.0
8	70.8
9	70.5
10	70.3
11	70.0
12	69.7
13	69.3
14	69.0
15	68.8
16	68.6
17	68.4
18	68.2
19	68.0
20	67.8
21	67.7
22	67.5
23	67.3
24	67.2
25	67.0
26	66.9
27	66.7
28	66.6
29	66.4
30	66.3
31	66.1
32	66.0
33	65.9
34	65.7
35	65.6
36	65.4
37	65.3

38	65.1
39	65.0
40	64.9
41	64.7
42	64.6
43	64.4
44	64.3
45	64.1
46	64.0
47	63.9
48	63.7
49	63.6
50	63.4
51	63.3
52	63.1
53	63.0
54	62.9
55	62.7
56	62.6
57	62.4
58	62.3
59	62.1
60	62.0
61	61.8
62	61.7
63	61.5
64	61.3
65	61.2
66	61.0
67	60.8
68	60.6
69	60.4

70	60.2
71	60.0
72	59.8
73	59.6
74	59.4
75	59.2
76	59.0
77	58.8
78	58.6
79	58.4
80	58.2
81	58.0
82	57.7
83	57.3
84	57.0
85	56.8
86	56.5
87	56.3
88	56.0
89	55.5
90	55.0
91	54.5
92	54.0
93	53.5
94	53.0
95	52.0
96	51.0
97	50.0
98	49.0
99	48.0

**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	77.0
1	77.0
2	75.0
3	74.0
4	73.0
5	72.0
6	71.7
7	71.3
8	71.0
9	70.7
10	70.3
11	70.0
12	69.8
13	69.5
14	69.3
15	69.0
16	68.8
17	68.6
18	68.4
19	68.2
20	68.0
21	67.9
22	67.7
23	67.6
24	67.4
25	67.3
26	67.1
27	67.0
28	66.9
29	66.7



30	66.6
31	66.4
32	66.3
33	66.1
34	66.0
35	65.9
36	65.7
37	65.6
38	65.4
39	65.3
40	65.1
41	65.0
42	64.9
43	64.8
44	64.6
45	64.5
46	64.4
47	64.3
48	64.1
49	64.0
50	63.9
51	63.7
52	63.6
53	63.4
54	63.3
55	63.1
56	63.0
57	62.9
58	62.7
59	62.6
60	62.4
61	62.3

62	62.1
63	62.0
64	61.8
65	61.7
66	61.5
67	61.3
68	61.2
69	61.0
70	60.8
71	60.7
72	60.5
73	60.3
74	60.2
75	60.0
76	59.8
77	59.5
78	59.3
79	59.0
80	58.8
81	58.6
82	58.4
83	58.2
84	58.0
85	57.7
86	57.3
87	57.0
88	56.7
89	56.3
90	56.0
91	55.7
92	55.3
93	55.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

94	54.5
95	54.0
96	53.0
97	52.0
98	51.0
99	50.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	66.0
1	66.0
2	63.0
3	60.0
4	58.0
5	56.0
6	55.0
7	53.0
8	52.0
9	51.0
10	50.0
11	49.0
12	48.0
13	47.5
14	47.0
15	46.5
16	46.0
17	45.7
18	45.3
19	45.0
20	44.7
21	44.3

22	44.0
23	43.8
24	43.7
25	43.5
26	43.3
27	43.2
28	43.0
29	42.8
30	42.7
31	42.5
32	42.3
33	42.2
34	42.0
35	41.9
36	41.7
37	41.6
38	41.4
39	41.3
40	41.1
41	41.0
42	40.9
43	40.8
44	40.6
45	40.5
46	40.4
47	40.3
48	40.1
49	40.0
50	39.9
51	39.8
52	39.7
53	39.6

54	39.5
55	39.4
56	39.3
57	39.2
58	39.1
59	39.0
60	38.9
61	38.8
62	38.8
63	38.7
64	38.6
65	38.5
66	38.4
67	38.3
68	38.3
69	38.2
70	38.1
71	38.0
72	37.9
73	37.8
74	37.7
75	37.6
76	37.5
77	37.5
78	37.4
79	37.3
80	37.2
81	37.1
82	37.0
83	36.9
84	36.8
85	36.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

86	36.6
87	36.4
88	36.3
89	36.2
90	36.1
91	36.0
92	35.8
93	35.7
94	35.5
95	35.3
96	35.2
97	35.0
98	34.5
99	34.0

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
90.3	87.6	90
90.7	85.2	89.2
94.5	89.6	93.8
95.1	91.5	94.4
87.2	78.6	83.2
82	75	78.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>95.1</b>	<b>91.5</b>	<b>94.4</b>

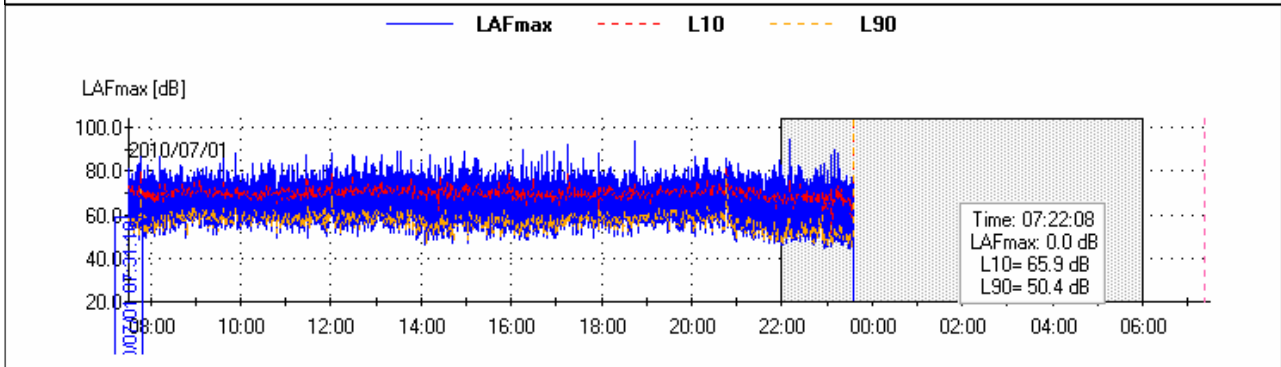
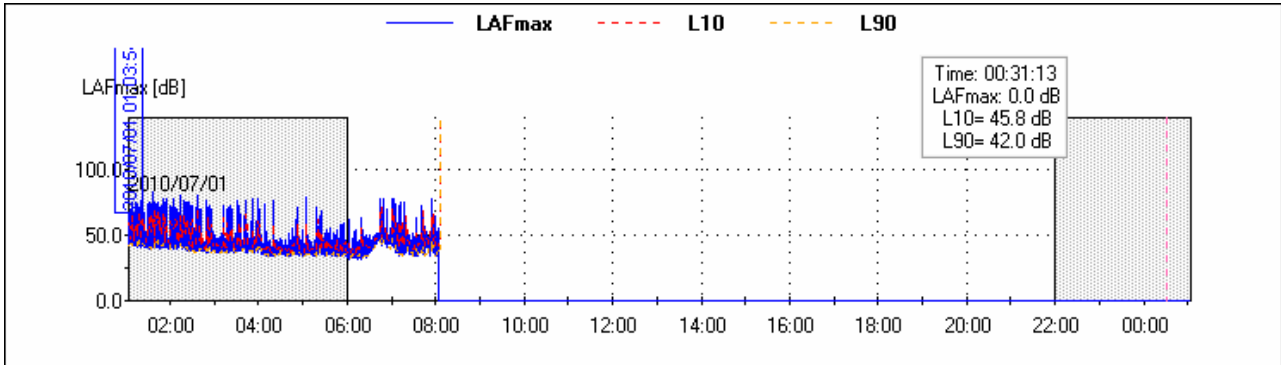
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
82	75	78.1
90.3	87.6	90
90.7	85.2	89.2
94.5	89.6	93.8
87.5	84.4	86.8
<b>94.5</b>	<b>89.6</b>	<b>93.8</b>

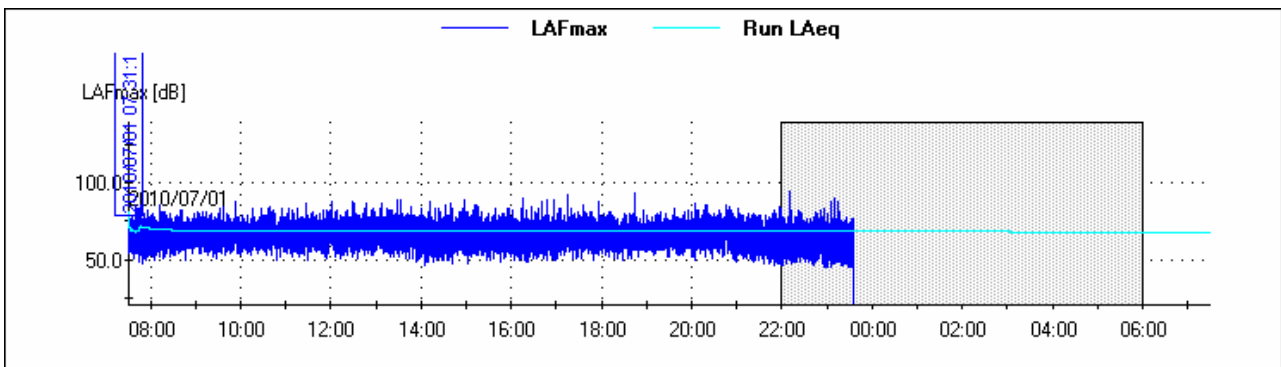
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87.2	78.6	83.2
74.6	67.8	71.7
95.1	91.5	94.4
<b>95.1</b>	<b>91.5</b>	<b>94.4</b>

**TIME HISTORY L10 – L90**

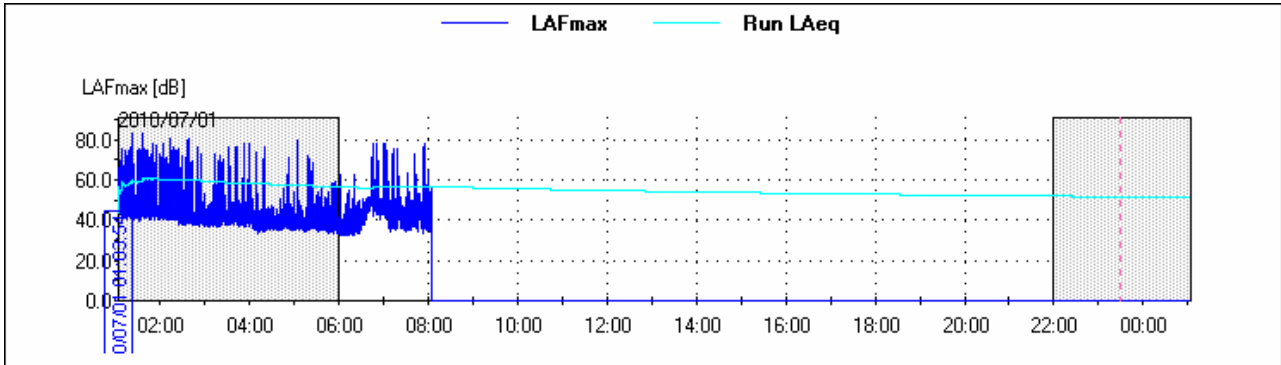


**RUNNING Leq DIURNO**

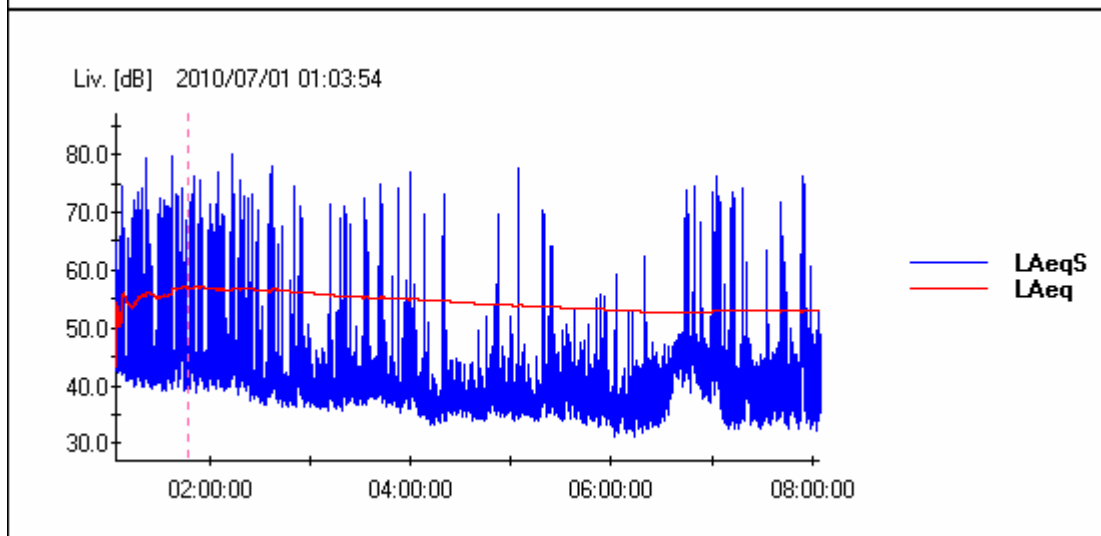
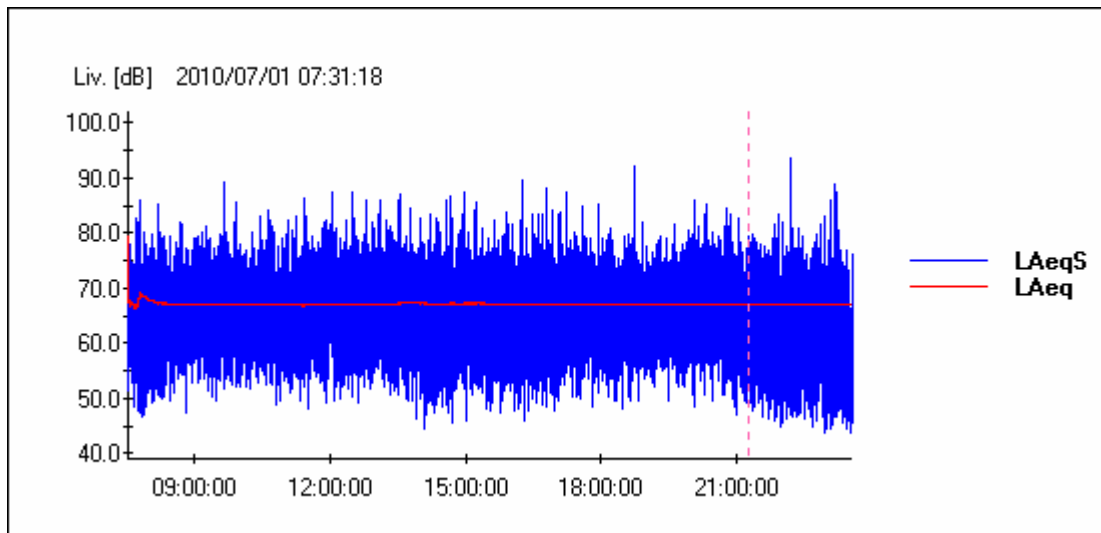


**RUNNING Leq NOTTURNO**

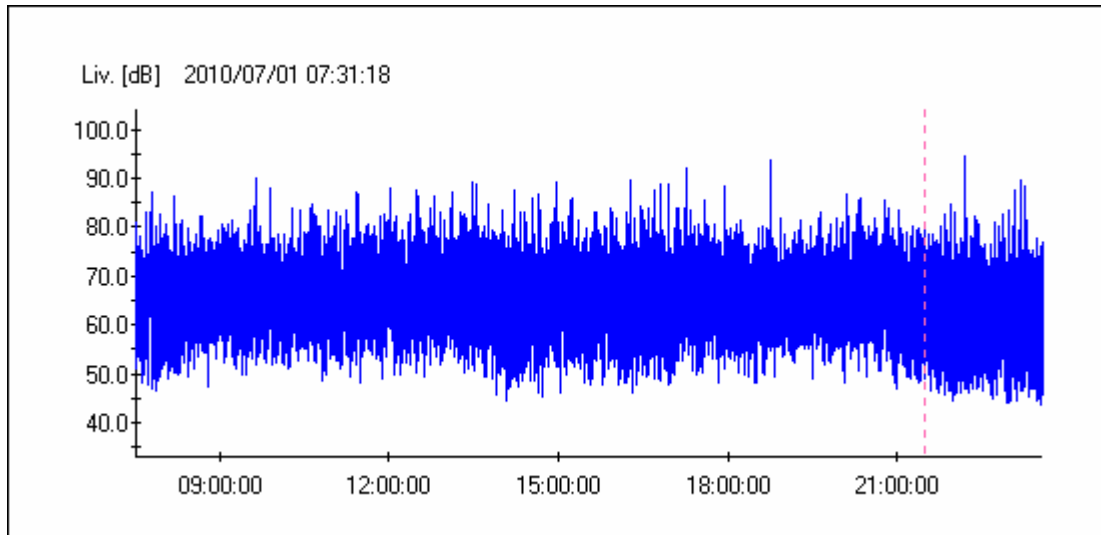
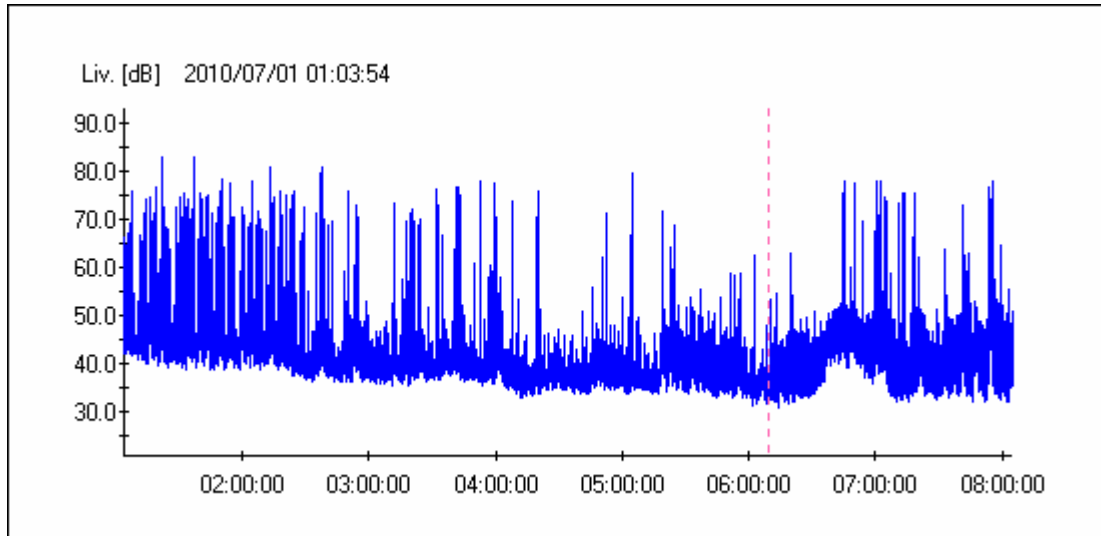




**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_14_S	VIA FIUMARA LOC. PACE
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sulla carreggiata stradale ad una distanza di mt 1 dalla recinzione che delimita la cava di sabbia</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO	
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0 Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_14_S</b>	Indirizzo <b>VIA FIUMARA LOC. PACE</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>20/07/10</b>	<b>57.4</b>	<b>0</b>	<b>0</b>		<b>57.4</b>	<b>60</b>
Notte	22-6h	<b>20/07/10</b>	<b>59.3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59.3</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_14_S</b>
Data inizio	<b>20/07/2010</b>
Ora inizio	<b>0.36.53</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	<b>58.1</b>	<b>57.4</b>	<b>59.3</b>
L1	[dBA]	<b>66.0</b>	<b>63.0</b>	<b>69.0</b>
L5	[dBA]	<b>60.0</b>	<b>59.0</b>	<b>64.0</b>
L10	[dBA]	<b>58.5</b>	<b>58.4</b>	<b>60.0</b>
L50	[dBA]	<b>54.8</b>	<b>55.7</b>	<b>52.2</b>
L90	[dBA]	<b>49.5</b>	<b>52.2</b>	<b>48.0</b>
L95	[dBA]	<b>48.5</b>	<b>50.5</b>	<b>47.3</b>
L99	[dBA]	<b>47.0</b>	<b>49.0</b>	<b>46.0</b>
L <sub>I</sub> max	[dBA]	<b>98.5</b>	<b>96.8</b>	<b>98.5</b>
L <sub>F</sub> max	[dBA]	<b>93.8</b>	<b>92.2</b>	<b>93.8</b>
L <sub>S</sub> max	[dBA]	<b>84.4</b>	<b>83.2</b>	<b>84.4</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>58.1</b>	<b>57.4</b>	<b>59.3</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:


Punto	Ricettore <b>R_14_S</b>	Indirizzo <b>VIA FIUMARA LOC. PACE</b>
-------	----------------------------	---

**Sorgente stradale:** \_\_\_\_\_

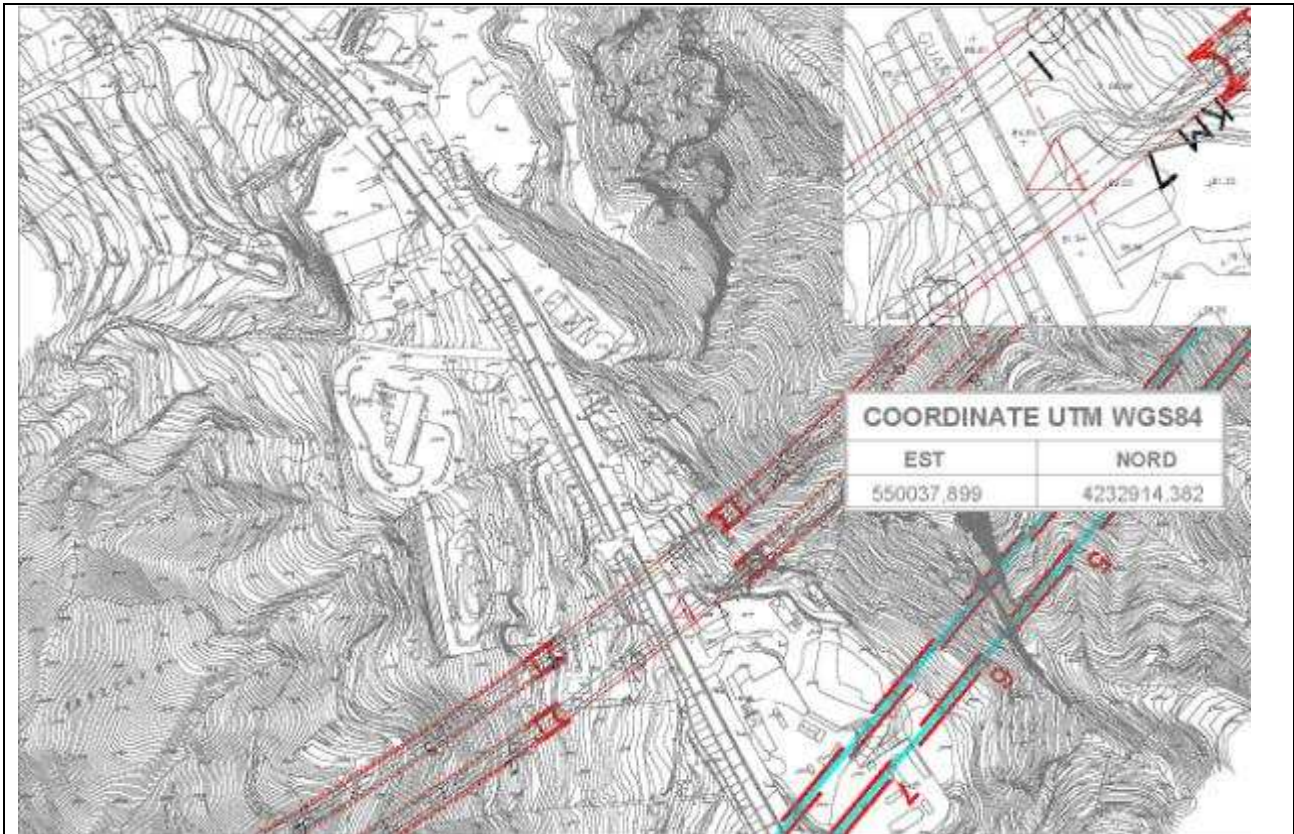
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>11</b>	<b>26</b>	<b>14</b>	<b>13</b>	<b>16</b>	<b>3</b>	<b>3</b>	<b>3</b>
Veic. Pesanti / 10'	<b>7</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2.5</b>	<b>0</b>	<b>6</b>	<b>3</b>
Motocicli / 10'	<b>6</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3.25</b>	<b>1</b>	<b>1</b>	<b>1</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>30.2</b>	<b>32</b>	<b>29.6</b>	<b>22.6</b>	<b>28.6</b>	<b>21.2</b>	<b>20.3</b>	<b>20.75</b>
Umidità relativa	<b>65</b>	<b>72</b>	<b>75</b>	<b>74</b>	<b>71.5</b>	<b>77</b>	<b>78</b>	<b>77.5</b>
Velocità vento	<b>2.2</b>	<b>2.8</b>	<b>1.2</b>	<b>2.8</b>	<b>2.25</b>	<b>0.7</b>	<b>0.3</b>	<b>0.5</b>
Direzione vento	<b>E</b>	<b>N</b>	<b>NE</b>	<b>E</b>		<b>NE</b>	<b>NE</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_14_S</b>	<b>Indirizzo</b> <b>VIA FIUMARA LOC. PACE</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



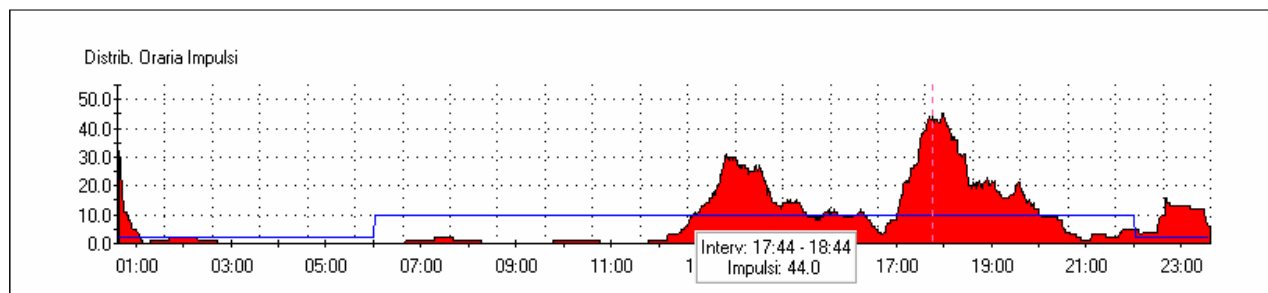
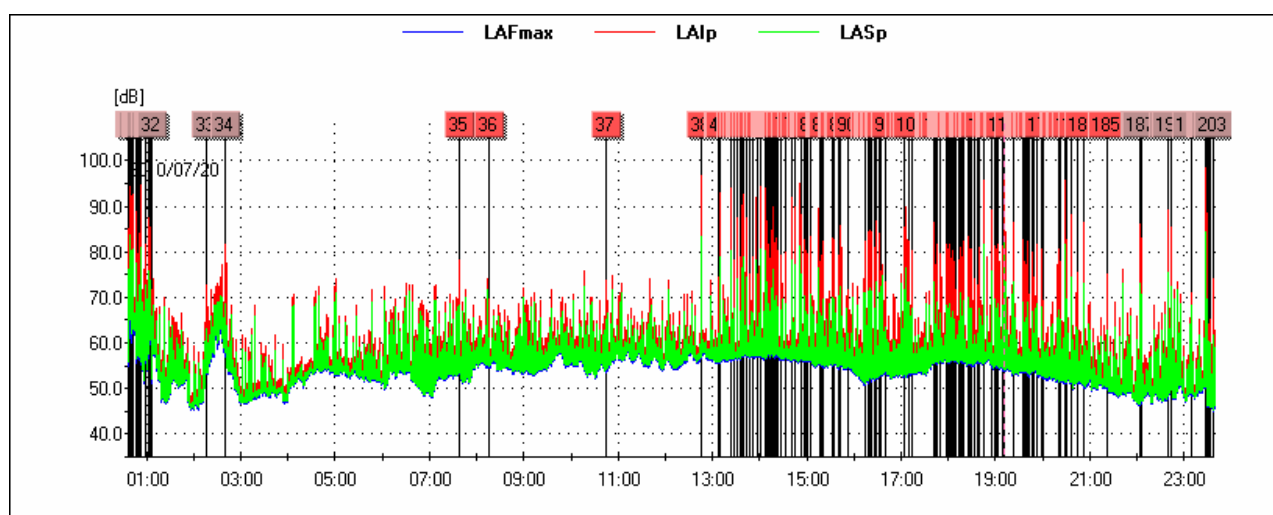
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/20 00:37:25	0.875	72.6	9.8
2	2010/07/20 00:37:27	1.000	74.4	11.2
3	2010/07/20 00:37:34	0.750	79.5	11.1
4	2010/07/20 00:37:41	0.750	76.6	10.7
5	2010/07/20 00:38:10	0.750	86.1	10.6
6	2010/07/20 00:38:21	0.875	81.1	11.3
7	2010/07/20 00:38:26	1.000	84.8	9.7
8	2010/07/20 00:38:46	0.875	81.5	7.5
9	2010/07/20 00:38:48	0.625	84.5	9.6
10	2010/07/20 00:39:32	0.625	89.3	12.5
11	2010/07/20 00:40:03	0.625	87.5	13.1
12	2010/07/20 00:40:39	0.875	74.6	10.2
13	2010/07/20 00:40:45	0.875	77.1	9.1
14	2010/07/20 00:40:59	0.625	75.6	11.0
15	2010/07/20 00:41:02	0.750	76.5	10.7
16	2010/07/20 00:41:03	0.875	84.0	11.7
17	2010/07/20 00:41:06	0.875	75.5	8.5
18	2010/07/20 00:41:09	0.750	78.2	11.8
19	2010/07/20 00:41:18	0.750	80.2	10.6
20	2010/07/20 00:41:25	0.625	83.9	12.4
21	2010/07/20 00:42:02	0.750	82.8	10.5
22	2010/07/20 00:46:38	0.500	84.4	13.0
23	2010/07/20 00:48:28	0.875	74.0	9.2
24	2010/07/20 00:48:45	0.875	71.5	10.3
25	2010/07/20 00:51:41	0.750	79.0	11.2
26	2010/07/20 00:52:43	0.625	81.1	11.9
27	2010/07/20 00:53:02	0.500	89.8	13.6
28	2010/07/20 00:59:00	1.000	78.8	9.0
29	2010/07/20 01:01:55	0.625	80.5	13.2

30	2010/07/20 01:03:12	0.750	78.1	9.1
31	2010/07/20 01:03:45	0.750	80.7	11.7
32	2010/07/20 01:06:11	0.625	65.5	11.8
33	2010/07/20 02:16:57	0.875	69.7	9.6
34	2010/07/20 02:41:00	0.500	77.2	13.0
35	2010/07/20 07:38:35	0.625	75.9	10.0
36	2010/07/20 08:15:12	0.875	66.9	8.6
37	2010/07/20 10:45:16	0.750	69.8	9.7
38	2010/07/20 12:45:28	0.500	92.2	13.5
39	2010/07/20 13:08:28	0.750	69.7	12.3
40	2010/07/20 13:09:37	0.625	87.0	13.7
41	2010/07/20 13:23:29	0.625	89.1	13.8
42	2010/07/20 13:26:46	0.875	74.5	11.4
43	2010/07/20 13:31:21	0.625	82.7	13.6
44	2010/07/20 13:35:41	0.750	74.7	12.0
45	2010/07/20 13:37:12	0.500	85.5	13.6
46	2010/07/20 13:37:17	0.750	73.5	12.4
47	2010/07/20 13:40:19	0.625	87.5	13.8
48	2010/07/20 13:43:35	0.625	83.2	13.1
49	2010/07/20 13:47:47	0.625	70.8	11.6
50	2010/07/20 13:51:08	0.625	72.3	11.9
51	2010/07/20 13:51:55	0.750	74.0	12.5
52	2010/07/20 13:57:30	0.875	70.7	11.7
53	2010/07/20 14:02:00	0.625	89.3	13.7
54	2010/07/20 14:02:03	0.500	86.3	13.6
55	2010/07/20 14:06:56	0.625	70.1	11.9
56	2010/07/20 14:07:29	0.625	89.1	13.8
57	2010/07/20 14:09:09	0.625	78.7	12.7
58	2010/07/20 14:10:09	0.500	82.1	13.3
59	2010/07/20 14:11:00	0.625	76.7	12.9
60	2010/07/20 14:13:30	0.875	74.1	11.7
61	2010/07/20 14:14:16	0.625	77.5	12.7

62	2010/07/20 14:15:00	1.000	72.7	11.8
63	2010/07/20 14:15:13	0.625	80.7	12.9
64	2010/07/20 14:15:27	0.500	76.9	12.4
65	2010/07/20 14:17:40	0.500	83.1	13.2
66	2010/07/20 14:18:08	0.625	84.9	13.6
67	2010/07/20 14:19:21	0.625	78.0	12.5
68	2010/07/20 14:20:24	0.750	71.8	11.9
69	2010/07/20 14:20:28	0.625	78.4	12.6
70	2010/07/20 14:21:26	0.625	74.4	12.8
71	2010/07/20 14:22:23	0.625	76.1	12.2
72	2010/07/20 14:27:23	0.750	75.1	12.0
73	2010/07/20 14:32:53	0.625	75.2	12.8
74	2010/07/20 14:41:35	0.625	87.0	13.5
75	2010/07/20 14:44:33	0.625	85.4	12.9
76	2010/07/20 14:52:58	0.500	83.8	13.0
77	2010/07/20 14:57:23	0.500	78.5	12.6
78	2010/07/20 14:59:35	0.625	75.3	13.2
79	2010/07/20 15:00:39	0.500	74.8	13.1
80	2010/07/20 15:04:13	0.625	77.4	12.9
81	2010/07/20 15:05:41	0.625	78.6	13.2
82	2010/07/20 15:16:06	0.625	72.5	13.0
83	2010/07/20 15:16:07	0.625	73.4	11.2
84	2010/07/20 15:18:35	0.625	74.4	13.1
85	2010/07/20 15:20:47	0.500	78.0	12.7
86	2010/07/20 15:33:08	0.500	78.8	13.1
87	2010/07/20 15:34:49	0.625	78.1	13.2
88	2010/07/20 15:40:44	0.875	76.1	9.1
89	2010/07/20 15:43:33	0.500	79.6	13.5
90	2010/07/20 15:51:45	0.875	69.0	9.4
91	2010/07/20 16:14:20	0.625	75.9	11.6
92	2010/07/20 16:17:57	0.500	79.8	12.9
93	2010/07/20 16:19:31	0.625	80.5	12.9

94	2010/07/20 16:22:34	0.625	79.9	12.8
95	2010/07/20 16:26:47	0.500	76.3	13.3
96	2010/07/20 16:27:45	0.625	82.2	13.3
97	2010/07/20 16:32:29	0.625	79.5	12.9
98	2010/07/20 16:35:11	0.875	67.4	10.2
99	2010/07/20 16:39:20	0.625	69.1	12.0
100	2010/07/20 17:03:06	0.500	80.7	13.5
101	2010/07/20 17:10:24	0.625	77.7	13.3
102	2010/07/20 17:13:24	0.625	76.1	12.7
103	2010/07/20 17:41:22	0.625	69.8	12.1
104	2010/07/20 17:44:20	0.625	72.4	13.0
105	2010/07/20 17:45:45	0.750	67.8	11.5
106	2010/07/20 17:45:53	1.000	66.9	10.6
107	2010/07/20 17:50:43	0.625	74.9	13.1
108	2010/07/20 17:58:14	0.500	75.6	13.0
109	2010/07/20 17:58:24	0.500	77.0	13.3
110	2010/07/20 17:59:45	0.500	76.0	13.1
111	2010/07/20 18:00:52	0.625	75.9	13.3
112	2010/07/20 18:01:07	0.625	76.9	13.0
113	2010/07/20 18:02:14	0.625	73.6	12.8
114	2010/07/20 18:02:53	0.750	67.7	11.7
115	2010/07/20 18:03:04	0.500	71.3	12.3
116	2010/07/20 18:03:16	0.500	71.6	12.3
117	2010/07/20 18:04:17	0.625	73.0	12.6
118	2010/07/20 18:06:16	0.625	73.8	12.9
119	2010/07/20 18:06:41	1.000	67.5	9.1
120	2010/07/20 18:06:42	0.750	69.5	11.2
121	2010/07/20 18:07:18	0.750	72.5	12.0
122	2010/07/20 18:09:02	0.750	67.5	11.1
123	2010/07/20 18:12:57	0.500	73.3	13.4
124	2010/07/20 18:15:12	0.625	76.0	13.2
125	2010/07/20 18:15:20	0.750	71.6	11.8

126	2010/07/20 18:15:25	0.625	75.7	12.1
127	2010/07/20 18:15:43	0.625	76.0	13.0
128	2010/07/20 18:16:42	0.625	74.0	12.9
129	2010/07/20 18:20:26	0.500	77.9	13.2
130	2010/07/20 18:25:23	0.625	76.7	13.2
131	2010/07/20 18:25:43	0.625	74.5	12.2
132	2010/07/20 18:26:22	0.500	78.6	13.4
133	2010/07/20 18:26:24	1.000	70.2	12.7
134	2010/07/20 18:26:43	0.500	75.9	13.2
135	2010/07/20 18:27:07	0.500	72.4	12.7
136	2010/07/20 18:27:55	0.500	73.1	12.7
137	2010/07/20 18:28:36	0.500	74.8	13.1
138	2010/07/20 18:29:01	0.500	75.0	12.9
139	2010/07/20 18:29:07	0.625	69.2	12.2
140	2010/07/20 18:29:34	0.625	75.9	13.2
141	2010/07/20 18:33:12	0.625	69.8	12.3
142	2010/07/20 18:36:54	0.750	68.5	11.1
143	2010/07/20 18:36:55	0.750	67.6	9.5
144	2010/07/20 18:37:22	1.000	68.1	8.0
145	2010/07/20 18:39:47	0.625	76.2	13.1
146	2010/07/20 18:39:52	0.500	75.2	12.8
147	2010/07/20 18:44:29	0.500	90.6	14.0
148	2010/07/20 18:44:41	0.625	72.0	12.6
149	2010/07/20 18:46:03	0.750	69.4	11.5
150	2010/07/20 18:54:58	0.625	77.7	13.4
151	2010/07/20 18:54:59	0.625	72.2	12.0
152	2010/07/20 18:55:06	0.500	84.5	13.3
153	2010/07/20 18:59:48	0.750	77.1	11.6
154	2010/07/20 19:02:11	0.500	76.3	13.2
155	2010/07/20 19:02:28	0.500	76.9	13.1
156	2010/07/20 19:03:36	0.625	73.6	12.7
157	2010/07/20 19:03:58	0.625	69.9	12.4

158	2010/07/20 19:08:31	0.625	77.1	13.2
159	2010/07/20 19:11:22	0.750	92.0	13.7
160	2010/07/20 19:22:59	0.625	81.9	12.9
161	2010/07/20 19:34:14	0.875	65.7	8.3
162	2010/07/20 19:35:03	0.500	77.9	13.5
163	2010/07/20 19:36:42	0.500	72.9	13.2
164	2010/07/20 19:37:19	0.625	68.1	11.9
165	2010/07/20 19:38:05	0.625	73.7	11.8
166	2010/07/20 19:40:14	0.500	77.7	13.1
167	2010/07/20 19:41:04	0.625	76.7	12.5
168	2010/07/20 19:42:59	0.625	66.2	11.9
169	2010/07/20 19:47:25	0.625	75.3	13.1
170	2010/07/20 19:48:02	0.625	69.8	12.3
171	2010/07/20 19:52:06	0.500	74.9	13.2
172	2010/07/20 19:52:10	0.500	77.0	13.0
173	2010/07/20 19:58:38	0.500	76.5	12.6
174	2010/07/20 19:58:43	0.500	70.3	12.6
175	2010/07/20 20:01:29	0.750	66.6	9.2
176	2010/07/20 20:21:16	0.625	75.9	13.3
177	2010/07/20 20:22:01	1.000	64.4	10.8
178	2010/07/20 20:27:48	0.625	90.6	14.0
179	2010/07/20 20:28:35	0.625	74.0	13.1
180	2010/07/20 20:28:53	0.625	73.1	11.4
181	2010/07/20 20:31:13	0.625	78.5	12.8
182	2010/07/20 20:37:02	0.625	83.1	13.8
183	2010/07/20 20:45:03	0.500	71.1	12.9
184	2010/07/20 20:51:35	0.500	81.7	13.3
185	2010/07/20 21:22:12	0.625	70.9	12.2
186	2010/07/20 22:04:19	0.625	81.7	13.2
187	2010/07/20 22:05:17	0.625	78.9	12.4
188	2010/07/20 22:39:05	0.500	84.5	13.8
189	2010/07/20 22:39:07	0.500	79.2	12.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

190	2010/07/20 22:43:13	0.625	81.4	13.0
191	2010/07/20 23:09:26	0.875	60.0	10.3
192	2010/07/20 23:27:45	0.875	61.3	10.6
193	2010/07/20 23:28:14	0.750	66.9	11.3
194	2010/07/20 23:28:21	0.625	93.8	14.1
195	2010/07/20 23:28:54	1.000	60.9	11.0
196	2010/07/20 23:30:32	0.750	60.7	10.4
197	2010/07/20 23:32:39	1.000	60.3	10.6
198	2010/07/20 23:37:04	0.750	56.9	11.2
199	2010/07/20 23:37:05	0.625	69.5	12.1
200	2010/07/20 23:37:41	1.000	61.9	11.9
201	2010/07/20 23:37:44	0.625	62.6	11.9
202	2010/07/20 23:37:48	0.500	69.1	11.7
203	2010/07/20 23:37:50	0.750	60.3	12.2



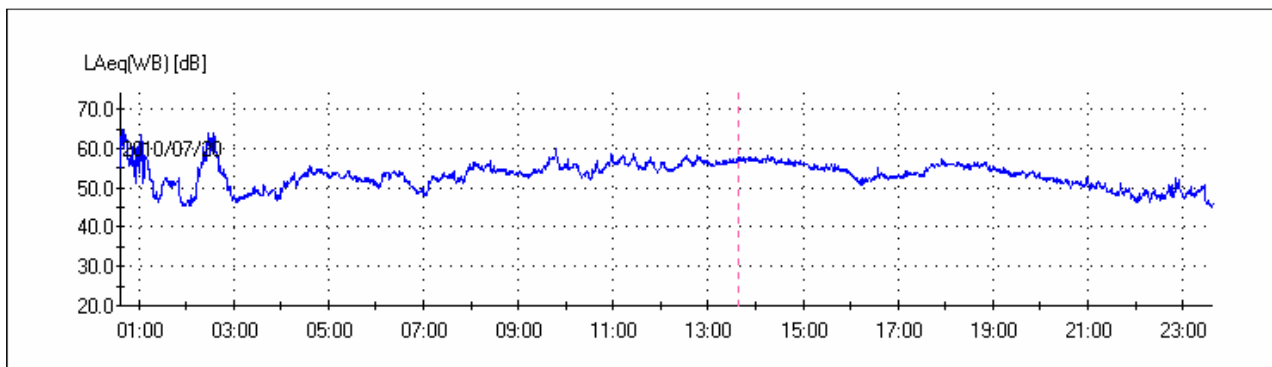
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 1 k	0.0
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

TIME HISTORY COMPONENTI TONALI

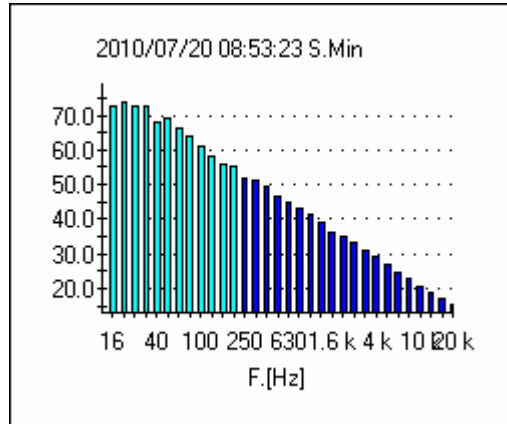
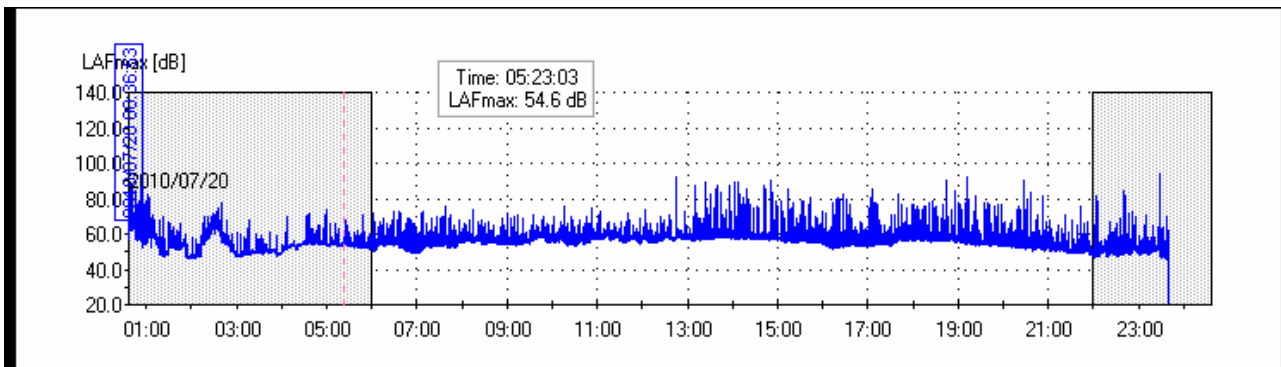
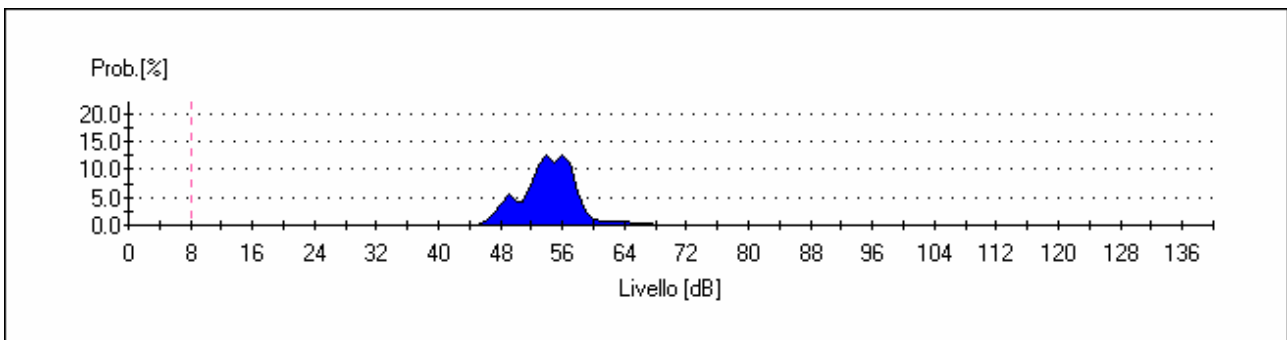


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

CUMULATIVA

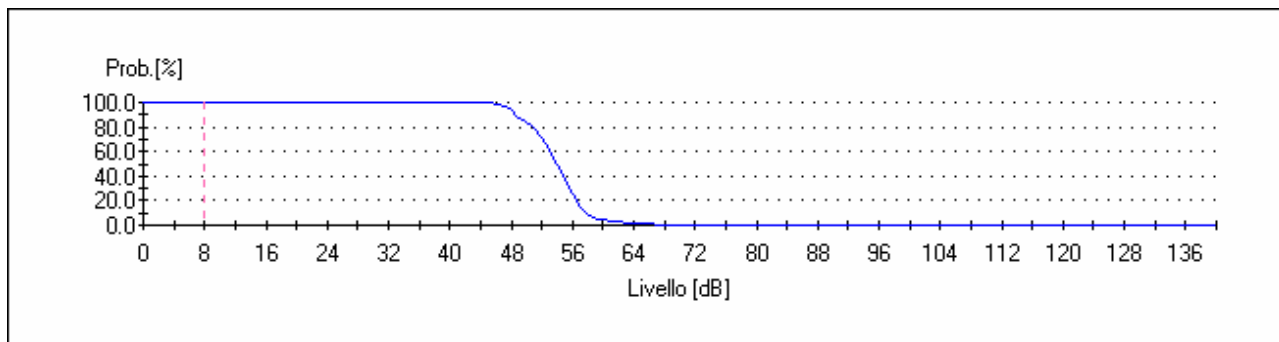
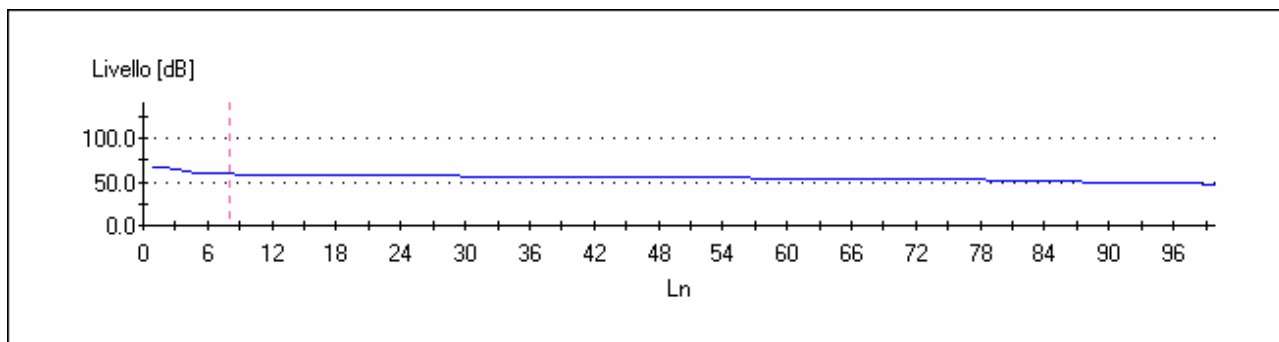


GRAFICO PERCENTILI



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	66.0
<b>1</b>	<b>66.0</b>
2	64.0
3	62.0
4	61.0
<b>5</b>	<b>60.0</b>
6	59.5
7	59.0
8	58.8

9	58.7
10	58.5
11	58.3
12	58.2
13	58.0
14	57.9
15	57.8
16	57.7
17	57.6
18	57.5
19	57.5
20	57.4
21	57.3
22	57.2
23	57.1
24	57.0
25	56.9
26	56.8
27	56.8
28	56.7
29	56.6
30	56.5
31	56.5
32	56.4
33	56.3
34	56.2
35	56.2
36	56.1
37	56.0
38	55.9
39	55.8
40	55.7

41	55.6
42	55.5
43	55.5
44	55.4
45	55.3
46	55.2
47	55.1
48	55.0
49	54.9
50	54.8
51	54.8
52	54.7
53	54.6
54	54.5
55	54.5
56	54.4
57	54.3
58	54.2
59	54.2
60	54.1
61	54.0
62	53.9
63	53.8
64	53.7
65	53.6
66	53.5
67	53.5
68	53.4
69	53.3
70	53.2
71	53.1
72	53.0

73	52.9
74	52.7
75	52.6
76	52.4
77	52.3
78	52.1
79	52.0
80	51.8
81	51.5
82	51.3
83	51.0
84	50.8
85	50.5
86	50.3
87	50.0
88	49.8
89	49.7
90	49.5
91	49.3
92	49.2
93	49.0
94	48.8
95	48.5
96	48.3
97	48.0
98	47.5
99	47.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	63.0
1	63.0
2	61.0
3	60.0
4	59.5
5	59.0
6	58.9
7	58.8
8	58.6
9	58.5
10	58.4
11	58.3
12	58.1
13	58.0
14	57.9
15	57.9
16	57.8
17	57.7
18	57.7
19	57.6
20	57.5
21	57.5
22	57.4
23	57.3
24	57.3
25	57.2
26	57.1
27	57.1

28	57.0
29	56.9
30	56.9
31	56.8
32	56.8
33	56.7
34	56.7
35	56.6
36	56.6
37	56.5
38	56.4
39	56.4
40	56.3
41	56.3
42	56.2
43	56.2
44	56.1
45	56.1
46	56.0
47	55.9
48	55.9
49	55.8
50	55.7
51	55.6
52	55.6
53	55.5
54	55.4
55	55.4
56	55.3
57	55.2
58	55.1
59	55.1



60	55.0
61	54.9
62	54.9
63	54.8
64	54.7
65	54.6
66	54.6
67	54.5
68	54.4
69	54.4
70	54.3
71	54.2
72	54.1
73	54.1
74	54.0
75	53.9
76	53.8
77	53.7
78	53.6
79	53.5
80	53.5
81	53.4
82	53.3
83	53.2
84	53.1
85	53.0
86	52.8
87	52.7
88	52.5
89	52.3
90	52.2
91	52.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

92	51.7
93	51.3
94	51.0
95	50.5
96	50.0
97	49.7
98	49.3
99	49.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	69.0
1	69.0
2	67.0
3	66.0
4	65.0
5	64.0
6	63.0
7	62.0
8	61.0
9	60.5
10	60.0
11	59.0
12	58.5
13	58.0
14	57.5
15	57.0
16	56.5
17	56.0
18	55.8
19	55.5

20	55.3
21	55.0
22	54.9
23	54.8
24	54.7
25	54.6
26	54.5
27	54.4
28	54.3
29	54.2
30	54.1
31	54.0
32	53.9
33	53.8
34	53.7
35	53.6
36	53.5
37	53.5
38	53.4
39	53.3
40	53.2
41	53.1
42	53.0
43	52.9
44	52.8
45	52.7
46	52.6
47	52.5
48	52.4
49	52.3
50	52.2
51	52.1

52	52.0
53	51.8
54	51.7
55	51.5
56	51.3
57	51.2
58	51.0
59	50.9
60	50.8
61	50.6
62	50.5
63	50.4
64	50.3
65	50.1
66	50.0
67	49.9
68	49.8
69	49.8
70	49.7
71	49.6
72	49.5
73	49.5
74	49.4
75	49.3
76	49.2
77	49.2
78	49.1
79	49.0
80	48.9
81	48.8
82	48.7
83	48.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

84	48.5
85	48.5
86	48.4
87	48.3
88	48.2
89	48.1
90	48.0
91	47.9
92	47.7
93	47.6
94	47.4
95	47.3
96	47.1
97	47.0
98	46.5
99	46.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
94.6	83.5	89.8
78.2	71.6	75.9
96.7	83.2	92.2
95.1	81.3	90.5
96.8	83.1	92
98.5	84.4	93.8
<b>98.5</b>	<b>84.4</b>	<b>93.8</b>

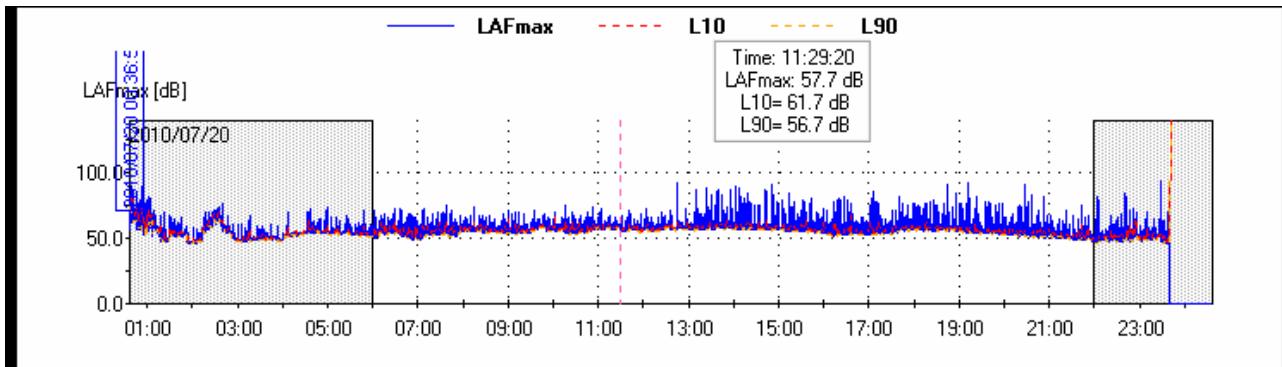
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
78.2	71.6	75.9
96.7	83.2	92.2
95.1	81.3	90.5
96.8	83.1	92
76	73.1	75.6
<b>96.8</b>	<b>83.2</b>	<b>92.2</b>

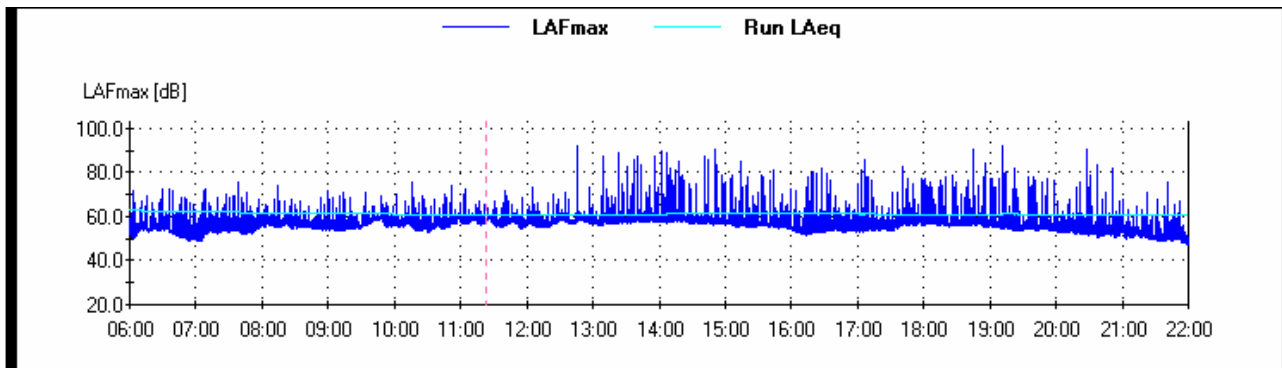
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
94.6	83.5	89.8
74.1	71	73.8
98.5	84.4	93.8
<b>98.5</b>	<b>84.4</b>	<b>93.8</b>

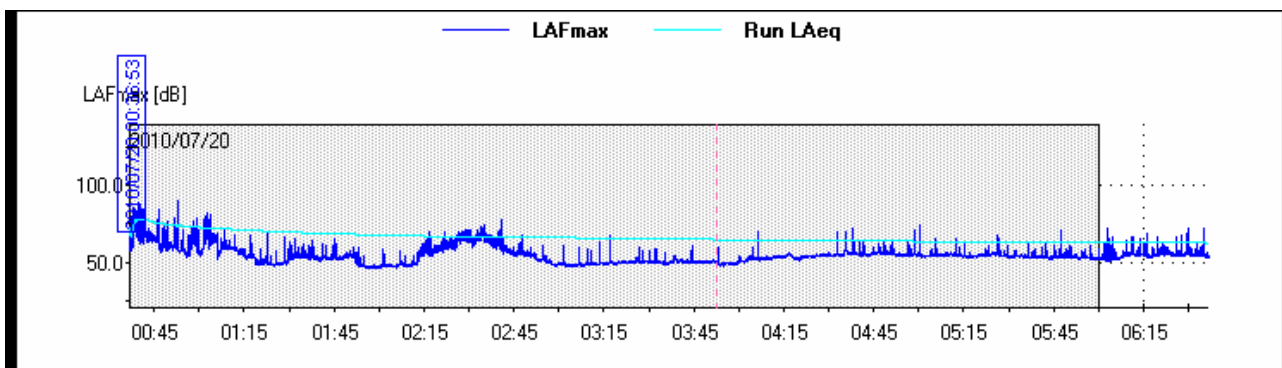
**TIME HISTORY L10 – L90**



**RUNNING Leq DIURNO**

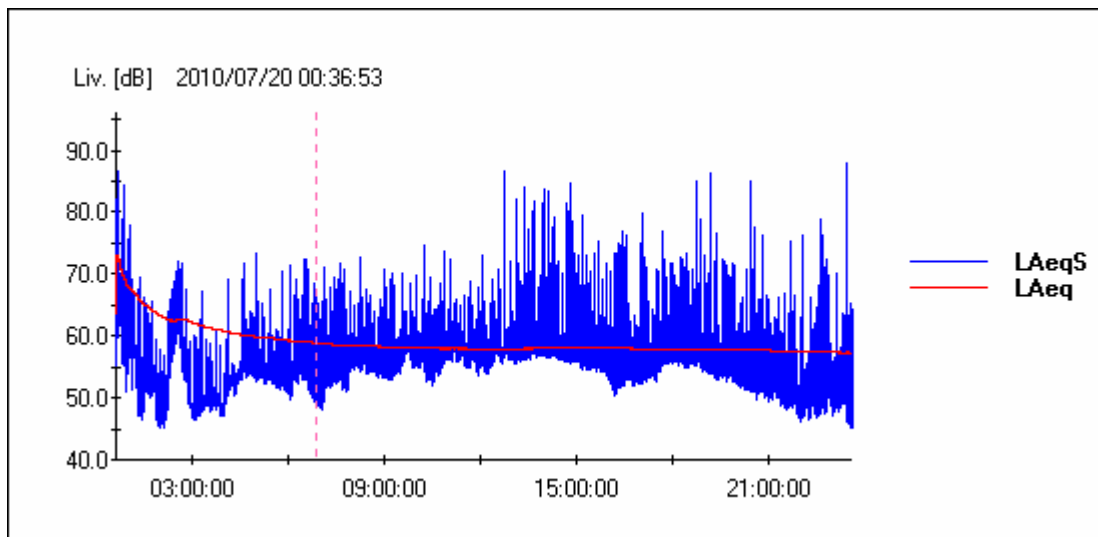


**RUNNING Leq NOTTURNO**

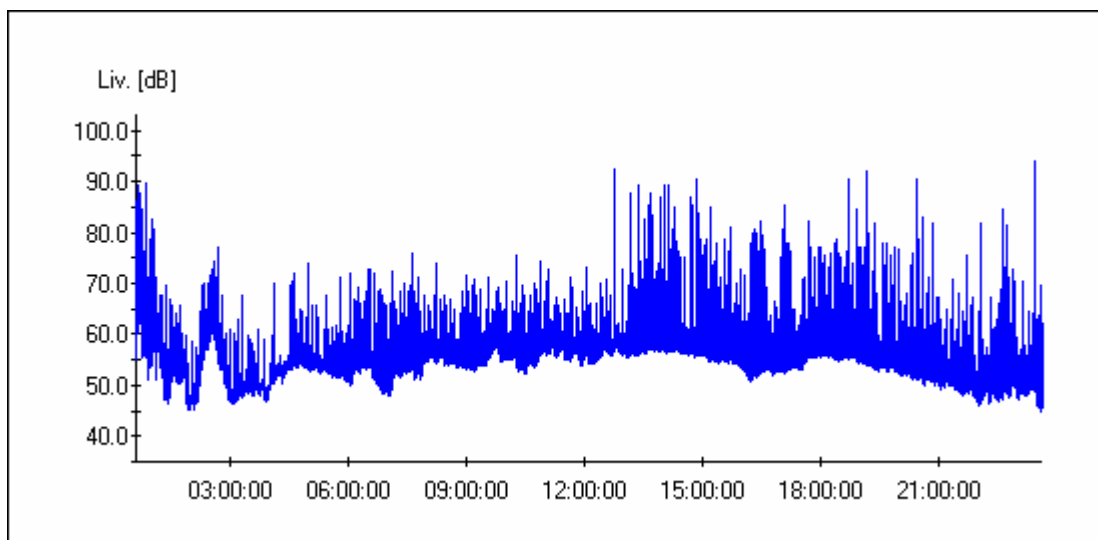


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**





		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_15_S	SP 48b
<b>Descrizione del punto di misura/ricettore</b>		
<b>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente al fabbricato ad una distanza di mt 1</b>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input checked="" type="checkbox"/>	Classe II	55 / 45 dB(a)
<input type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_15_S</b>	Indirizzo <b>SP 48b</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>23/07/10</b>	<b>51.2</b>	<b>0</b>	<b>0</b>		<b>51.2</b>	<b>55</b>
Notte	22-6h	<b>23/07/10</b>	<b>51.7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>51.7</b>	<b>45</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_15_S</b>
Data inizio	<b>23/07/2010</b>
Ora inizio	<b>0.40.30</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	<b>51.4</b>	<b>51.2</b>	<b>51.7</b>
L1	[dBA]	<b>58.0</b>	<b>58.0</b>	<b>58.0</b>
L5	[dBA]	<b>54.7</b>	<b>54.3</b>	<b>55.0</b>
L10	[dBA]	<b>53.3</b>	<b>53.0</b>	<b>53.6</b>
L50	[dBA]	<b>49.8</b>	<b>49.8</b>	<b>49.9</b>
L90	[dBA]	<b>47.1</b>	<b>47.2</b>	<b>46.8</b>
L95	[dBA]	<b>46.3</b>	<b>46.4</b>	<b>46.1</b>
L99	[dBA]	<b>45.0</b>	<b>45.0</b>	<b>45.0</b>
L <sub>I</sub> max	[dBA]	<b>94.6</b>	<b>78.3</b>	<b>94.6</b>
L <sub>F</sub> max	[dBA]	<b>89.9</b>	<b>75.9</b>	<b>80.7</b>
L <sub>S</sub> max	[dBA]	<b>80.7</b>	<b>71.3</b>	<b>89.9</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>51.4</b>	<b>51.2</b>	<b>51.7</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_15_S</b>	Indirizzo <b>SP 48b</b>
-------	----------------------------	----------------------------

**Sorgente stradale:** \_\_\_\_\_

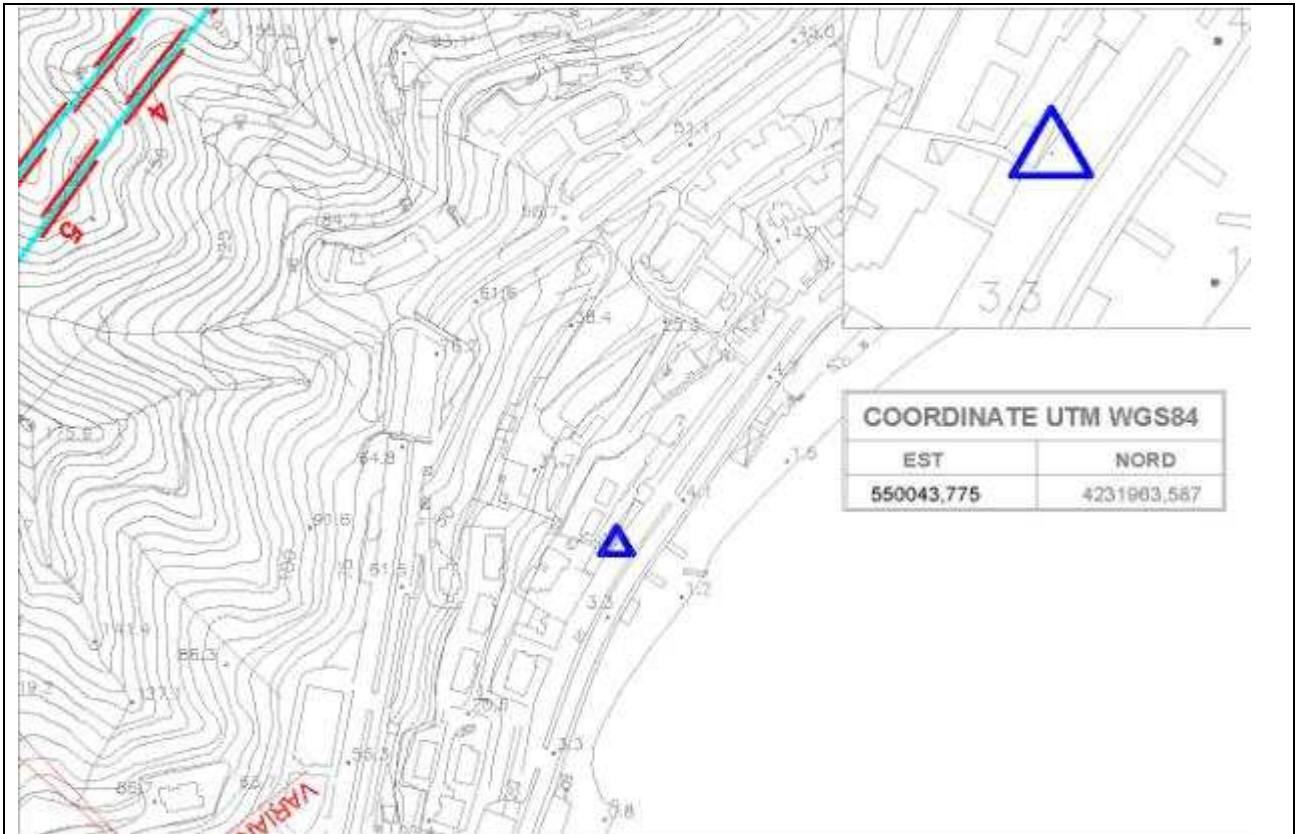
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>33</b>	<b>96</b>	<b>158</b>	<b>112</b>	<b>99.75</b>	<b>83</b>	<b>17</b>	<b>50</b>
Veic. Pesanti / 10'	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.25</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>5</b>	<b>23</b>	<b>26</b>	<b>3</b>	<b>14.25</b>	<b>15</b>	<b>10</b>	<b>12.5</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>25.1</b>	<b>28</b>	<b>30</b>	<b>27</b>	<b>27.53</b>	<b>25</b>	<b>24.3</b>	<b>24.65</b>
Umidità relativa	<b>76</b>	<b>80</b>	<b>84</b>	<b>78</b>	<b>79.5</b>	<b>65</b>	<b>58</b>	<b>61.5</b>
Velocità vento	<b>1.3</b>	<b>2.8</b>	<b>2.5</b>	<b>1.8</b>	<b>2.1</b>	<b>0.6</b>	<b>2.3</b>	<b>1.45</b>
Direzione vento	<b>N E</b>	<b>N E</b>	<b>N</b>	<b>N E</b>		<b>E N E</b>	<b>E N E</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

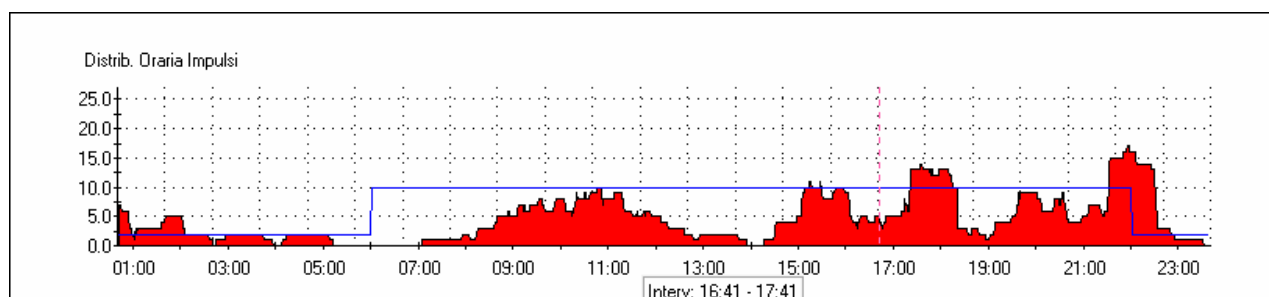
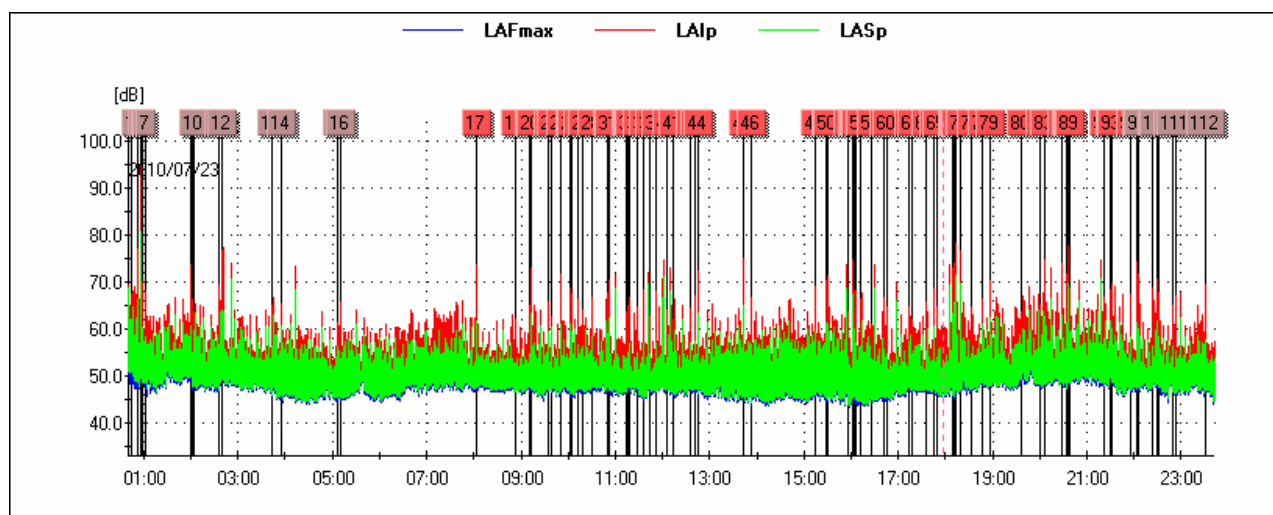
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LA <sub>Smax</sub> [dB]
1	2010/07/23 00:43:54	0.625	62.9	10.6
2	2010/07/23 00:52:18	0.625	69.7	10.8
3	2010/07/23 00:53:01	0.750	73.4	10.9
4	2010/07/23 00:53:04	0.750	70.1	8.6
5	2010/07/23 00:56:00	0.625	89.9	13.9
6	2010/07/23 00:59:04	0.750	67.1	9.7
7	2010/07/23 01:02:41	0.750	65.5	9.7
8	2010/07/23 02:00:41	0.625	69.2	12.9
9	2010/07/23 02:01:16	0.750	61.3	11.3
10	2010/07/23 02:03:31	0.875	58.6	8.8
11	2010/07/23 02:34:42	0.625	64.2	12.7
12	2010/07/23 02:39:54	0.625	72.4	12.8
13	2010/07/23 03:43:59	0.875	62.6	8.6
14	2010/07/23 03:55:21	0.875	62.9	7.0
15	2010/07/23 05:06:51	0.750	56.5	12.0
16	2010/07/23 05:11:28	0.625	60.8	12.9
17	2010/07/23 08:03:48	0.625	69.6	12.1
18	2010/07/23 08:53:46	0.875	57.9	10.7
19	2010/07/23 09:11:17	0.625	61.5	10.3
20	2010/07/23 09:13:27	0.750	70.3	9.7
21	2010/07/23 09:35:23	0.875	64.5	6.3
22	2010/07/23 09:38:00	0.875	60.5	7.3
23	2010/07/23 09:51:21	0.625	68.4	10.7
24	2010/07/23 10:03:31	1.000	66.9	7.8
25	2010/07/23 10:04:30	0.625	58.7	10.6
26	2010/07/23 10:12:00	0.750	62.0	11.4
27	2010/07/23 10:19:13	0.875	62.2	7.8
28	2010/07/23 10:30:58	0.625	65.0	8.6
29	2010/07/23 10:50:09	0.625	65.5	8.6
30	2010/07/23 10:51:39	0.750	59.5	10.1

31	2010/07/23 10:51:58	1.000	67.6	8.0
32	2010/07/23 11:13:42	0.750	60.1	10.4
33	2010/07/23 11:15:29	0.750	61.4	9.9
34	2010/07/23 11:17:11	1.000	63.4	9.6
35	2010/07/23 11:18:07	0.625	61.7	10.7
36	2010/07/23 11:28:39	0.750	61.9	9.5
37	2010/07/23 11:35:12	0.750	64.4	11.4
38	2010/07/23 11:44:27	0.750	58.7	8.5
39	2010/07/23 11:52:40	0.750	64.0	11.1
40	2010/07/23 12:05:33	1.000	60.5	10.0
41	2010/07/23 12:13:33	0.875	60.1	7.7
42	2010/07/23 12:34:56	0.750	62.7	7.0
43	2010/07/23 12:42:02	0.750	64.1	10.1
44	2010/07/23 12:45:41	0.750	70.1	9.2
45	2010/07/23 13:42:12	0.625	72.3	10.0
46	2010/07/23 13:53:22	0.625	62.9	11.2
47	2010/07/23 15:15:14	0.875	65.9	9.9
48	2010/07/23 15:27:36	0.875	67.2	8.4
49	2010/07/23 15:28:03	0.875	59.3	8.7
50	2010/07/23 15:29:16	0.625	67.8	11.5
51	2010/07/23 15:56:32	0.750	60.2	9.7
52	2010/07/23 16:02:32	0.750	73.2	7.4
53	2010/07/23 16:02:38	1.000	62.4	7.5
54	2010/07/23 16:03:14	0.750	64.9	10.8
55	2010/07/23 16:03:17	0.750	57.1	7.6
56	2010/07/23 16:06:43	0.625	64.3	10.8
57	2010/07/23 16:12:05	0.875	62.7	9.8
58	2010/07/23 16:26:42	1.000	59.1	7.4
59	2010/07/23 16:41:00	0.500	62.8	11.2
60	2010/07/23 16:44:54	0.750	61.3	9.9
61	2010/07/23 17:13:39	0.875	62.8	7.4
62	2010/07/23 17:16:57	0.750	59.2	9.3



63	2010/07/23 17:35:05	0.750	62.0	10.3
64	2010/07/23 17:45:25	0.750	67.0	7.9
65	2010/07/23 17:48:45	0.750	60.9	10.6
66	2010/07/23 18:08:28	0.625	70.1	9.9
67	2010/07/23 18:12:02	0.875	71.0	8.3
68	2010/07/23 18:12:30	0.625	70.2	7.4
69	2010/07/23 18:19:32	0.750	60.8	7.2
70	2010/07/23 18:19:36	0.875	72.1	7.4
71	2010/07/23 18:19:37	0.750	71.9	7.4
72	2010/07/23 18:19:38	0.625	71.3	7.4
73	2010/07/23 18:19:38	0.625	71.4	7.6
74	2010/07/23 18:19:39	0.625	71.2	7.4
75	2010/07/23 18:19:40	0.750	71.7	7.7
76	2010/07/23 18:19:41	0.625	72.5	8.9
77	2010/07/23 18:32:04	0.625	61.3	10.1
78	2010/07/23 18:46:05	0.750	63.9	8.6
79	2010/07/23 18:55:55	0.625	64.3	11.3
80	2010/07/23 19:37:20	0.875	62.0	7.2
81	2010/07/23 20:00:04	0.750	62.7	8.9
82	2010/07/23 20:05:57	0.500	71.0	11.7
83	2010/07/23 20:06:13	0.750	62.9	10.2
84	2010/07/23 20:27:23	0.625	70.7	10.8
85	2010/07/23 20:33:54	0.625	66.3	8.9
86	2010/07/23 20:34:26	0.625	68.6	10.2
87	2010/07/23 20:36:18	0.625	64.3	9.7
88	2010/07/23 20:36:57	0.875	75.5	8.1
89	2010/07/23 20:38:28	0.750	66.2	9.4
90	2010/07/23 21:20:51	1.000	64.0	8.1
91	2010/07/23 21:21:07	0.875	61.9	9.6
92	2010/07/23 21:29:35	1.000	66.6	6.6
93	2010/07/23 21:31:16	0.875	65.7	11.3
94	2010/07/23 21:56:15	0.875	63.7	9.0

95	2010/07/23 22:04:23	0.500	69.9	12.9
96	2010/07/23 22:05:37	1.000	67.4	11.9
97	2010/07/23 22:24:17	0.625	63.7	12.2
98	2010/07/23 22:29:38	0.750	64.0	9.2
99	2010/07/23 22:29:41	0.625	65.3	7.5
100	2010/07/23 22:29:42	0.750	66.1	7.9
101	2010/07/23 22:29:42	0.625	65.9	7.6
102	2010/07/23 22:29:43	0.750	66.1	9.0
103	2010/07/23 22:29:44	0.625	66.8	8.6
104	2010/07/23 22:29:45	0.625	65.8	7.4
105	2010/07/23 22:30:03	0.625	67.4	10.1
106	2010/07/23 22:30:05	0.625	67.6	9.0
107	2010/07/23 22:30:06	0.625	64.5	7.7
108	2010/07/23 22:31:52	0.625	64.4	9.3
109	2010/07/23 22:31:59	0.750	64.8	9.1
110	2010/07/23 22:48:35	0.625	61.3	10.6
111	2010/07/23 22:53:19	0.625	63.0	11.6
112	2010/07/23 23:30:24	0.625	65.2	11.6

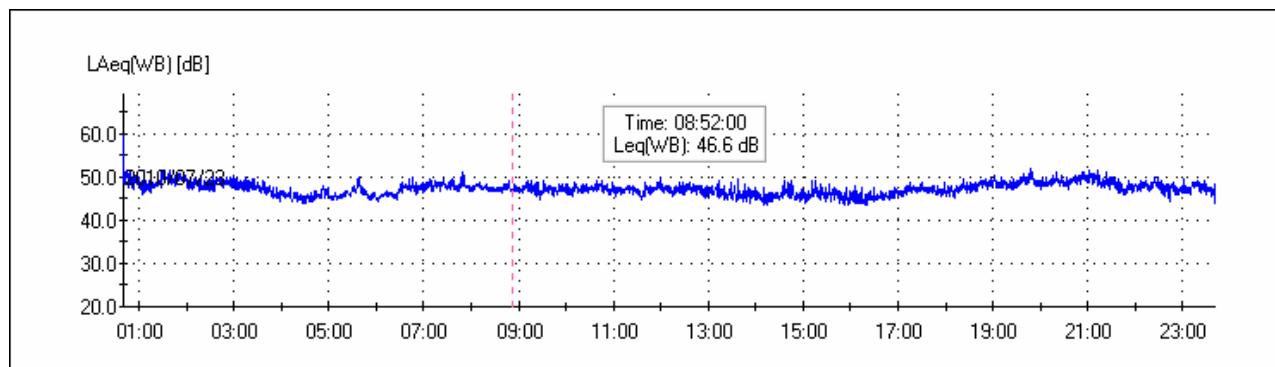
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

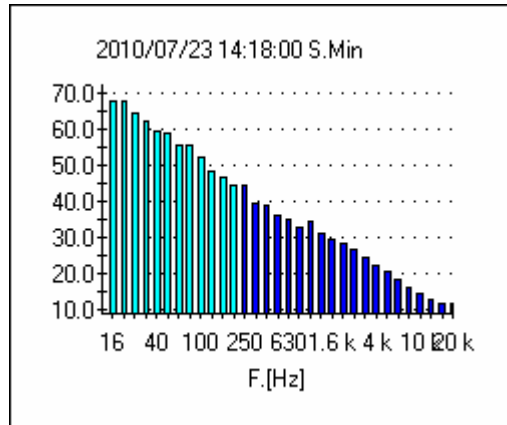
L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

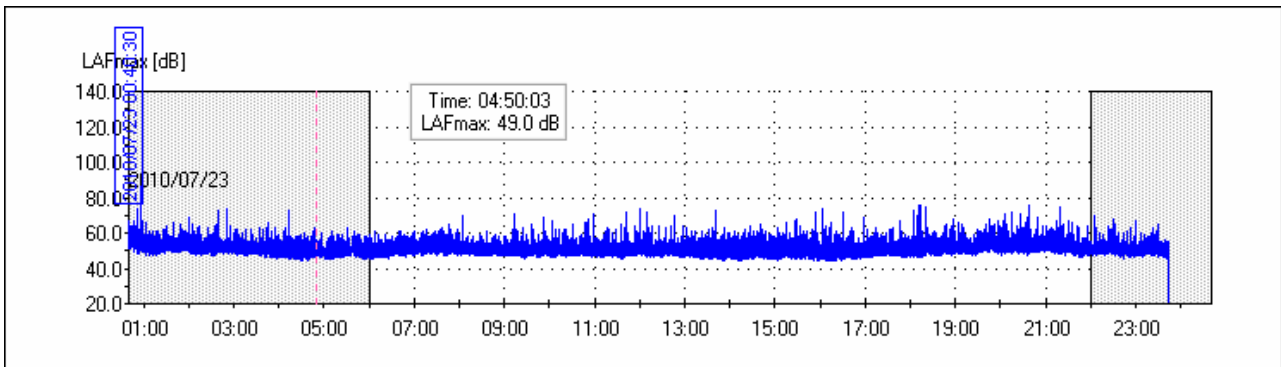


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 315	0.1
Freq: 630	0.0
Freq: 1 k	0.0
Freq: 3.15 k	0.2
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

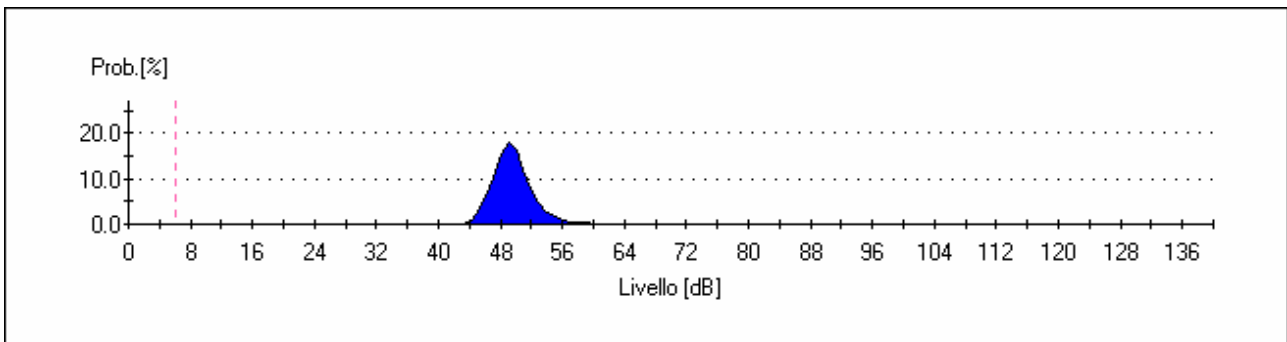
**TIME ISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

CUMULATIVA

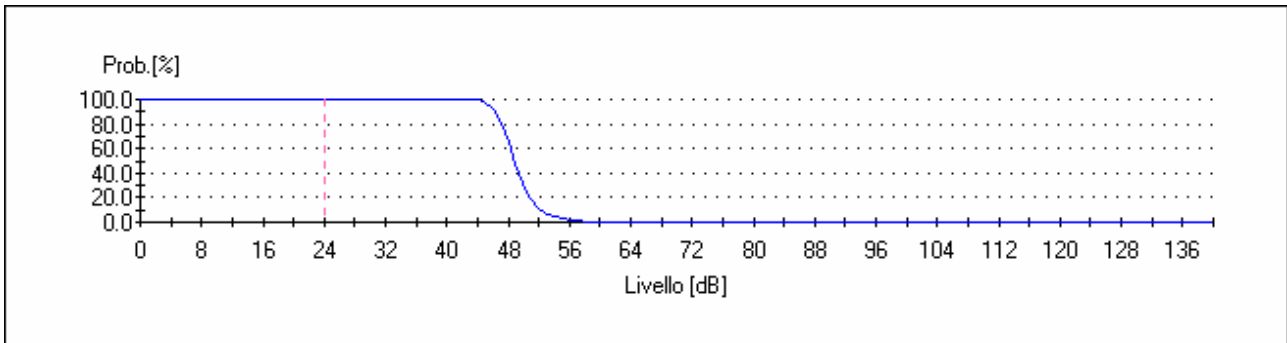
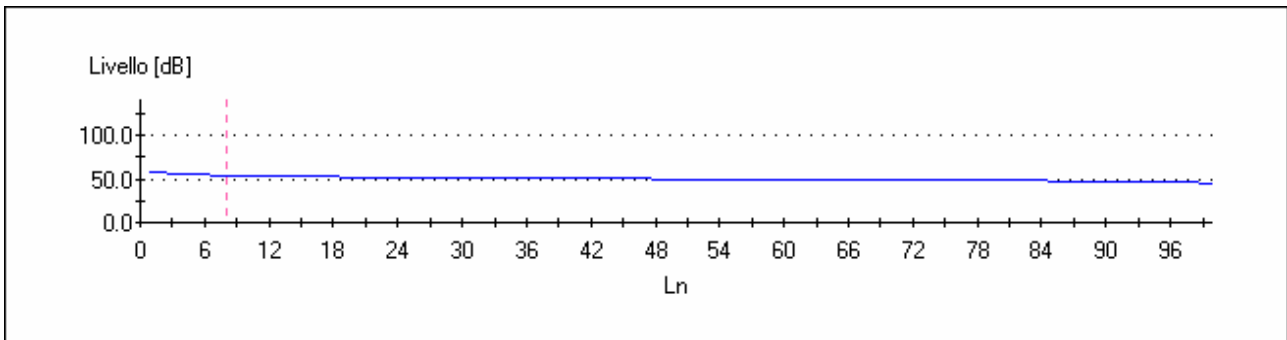


GRAFICO PERCENTILI



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	58.0
1	58.0
2	56.0
3	55.5
4	55.0
5	54.7
6	54.3
7	54.0
8	53.8
9	53.5
10	53.3
11	53.0
12	52.9
13	52.8
14	52.6
15	52.5
16	52.4
17	52.3
18	52.1
19	52.0
20	51.9
21	51.8
22	51.8
23	51.7
24	51.6
25	51.5
26	51.4
27	51.3
28	51.3
29	51.2
30	51.1

31	51.0
32	50.9
33	50.9
34	50.8
35	50.8
36	50.7
37	50.6
38	50.6
39	50.5
40	50.4
41	50.4
42	50.3
43	50.3
44	50.2
45	50.1
46	50.1
47	50.0
48	49.9
49	49.9
50	49.8
51	49.8
52	49.7
53	49.7
54	49.6
55	49.6
56	49.5
57	49.4
58	49.4
59	49.3
60	49.3
61	49.2
62	49.2

63	49.1
64	49.1
65	49.0
66	48.9
67	48.9
68	48.8
69	48.8
70	48.7
71	48.6
72	48.6
73	48.5
74	48.4
75	48.4
76	48.3
77	48.3
78	48.2
79	48.1
80	48.1
81	48.0
82	47.9
83	47.8
84	47.7
85	47.6
86	47.5
87	47.4
88	47.3
89	47.2
90	47.1
91	47.0
92	46.8
93	46.7
94	46.5



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	46.3
96	46.2
97	46.0
98	45.5
99	45.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	58.0
1	58.0
2	56.0
3	55.0
4	54.7
5	54.3
6	54.0
7	53.8
8	53.5
9	53.3
10	53.0
11	52.9
12	52.8
13	52.6
14	52.5
15	52.4
16	52.3
17	52.1
18	52.0
19	51.9
20	51.8
21	51.8
22	51.7

23	51.6
24	51.5
25	51.4
26	51.3
27	51.3
28	51.2
29	51.1
30	51.0
31	50.9
32	50.9
33	50.8
34	50.8
35	50.7
36	50.6
37	50.6
38	50.5
39	50.4
40	50.4
41	50.3
42	50.3
43	50.2
44	50.1
45	50.1
46	50.0
47	49.9
48	49.9
49	49.8
50	49.8
51	49.7
52	49.7
53	49.6
54	49.6

55	49.5
56	49.5
57	49.4
58	49.4
59	49.3
60	49.3
61	49.2
62	49.2
63	49.1
64	49.1
65	49.0
66	48.9
67	48.9
68	48.8
69	48.8
70	48.7
71	48.6
72	48.6
73	48.5
74	48.5
75	48.4
76	48.4
77	48.3
78	48.2
79	48.2
80	48.1
81	48.1
82	48.0
83	47.9
84	47.8
85	47.7
86	47.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	47.5
88	47.4
89	47.3
90	47.2
91	47.1
92	47.0
93	46.8
94	46.6
95	46.4
96	46.2
97	46.0
98	45.5
99	45.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	58.0
1	58.0
2	57.0
3	56.0
4	55.5
5	55.0
6	54.7
7	54.3
8	54.0
9	53.8
10	53.6
11	53.4
12	53.2
13	53.0
14	52.9

15	52.8
16	52.7
17	52.6
18	52.4
19	52.3
20	52.2
21	52.1
22	52.0
23	51.9
24	51.8
25	51.8
26	51.7
27	51.6
28	51.5
29	51.4
30	51.3
31	51.3
32	51.2
33	51.1
34	51.0
35	50.9
36	50.9
37	50.8
38	50.7
39	50.7
40	50.6
41	50.5
42	50.5
43	50.4
44	50.3
45	50.3
46	50.2

47	50.1
48	50.1
49	50.0
50	49.9
51	49.9
52	49.8
53	49.8
54	49.7
55	49.6
56	49.6
57	49.5
58	49.4
59	49.4
60	49.3
61	49.3
62	49.2
63	49.1
64	49.1
65	49.0
66	48.9
67	48.8
68	48.8
69	48.7
70	48.6
71	48.5
72	48.5
73	48.4
74	48.3
75	48.2
76	48.2
77	48.1
78	48.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

79	47.9
80	47.8
81	47.7
82	47.6
83	47.5
84	47.4
85	47.3
86	47.2
87	47.1
88	47.0
89	46.9
90	46.8
91	46.6
92	46.5
93	46.4
94	46.3
95	46.1
96	46.0
97	45.7
98	45.3
99	45.0

**LIVELLI DI IMPULS- FAST E SLOW**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
94.6	80.7	89.9
73.8	61.7	69.6
74.7	71.1	73.4
74.9	68.8	73.2
78.3	71.3	75.9
74.3	62.4	69.9
<b>94.6</b>	<b>80.7</b>	<b>89.9</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

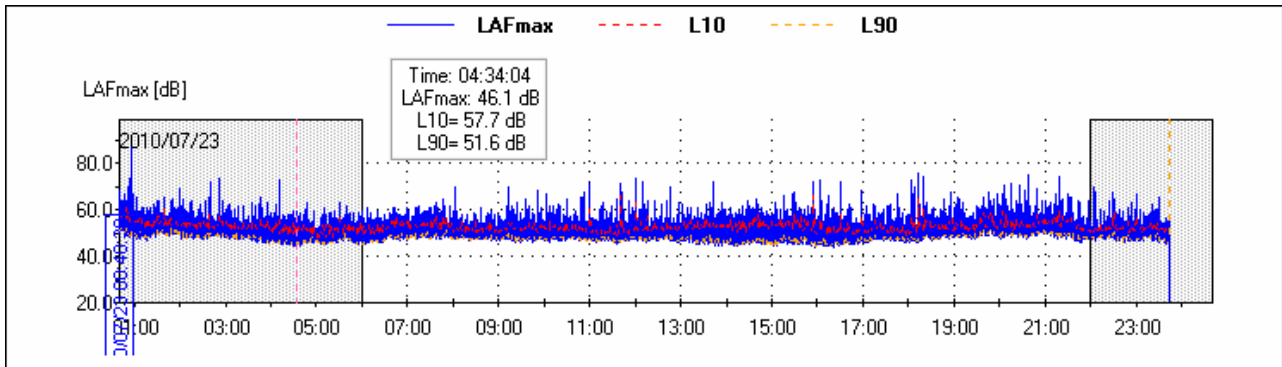
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
73.8	61.7	69.6
74.7	71.1	73.4
74.9	68.8	73.2
78.3	71.3	75.9
69.8	61.2	66.5
<b>78.3</b>	<b>71.3</b>	<b>75.9</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

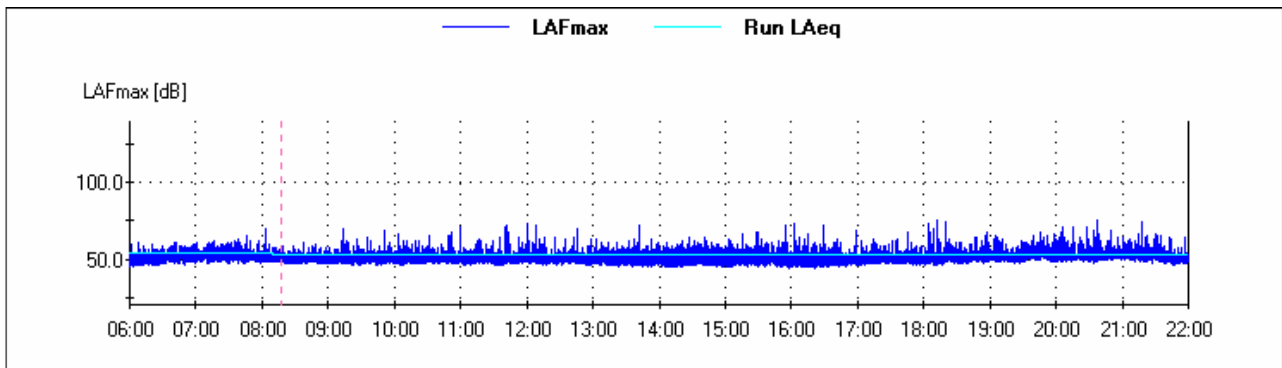
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
94.6	80.7	89.9
65.8	61.1	63.4
74.3	62.4	69.9
<b>94.6</b>	<b>80.7</b>	<b>89.9</b>



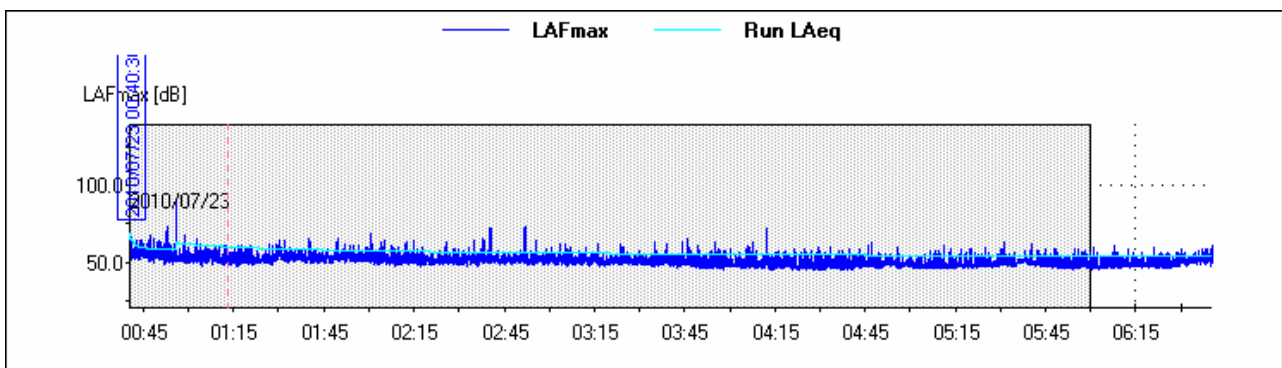
**TIME HISTORY L10 – L90**



**RUNNING Leq DIURNO**

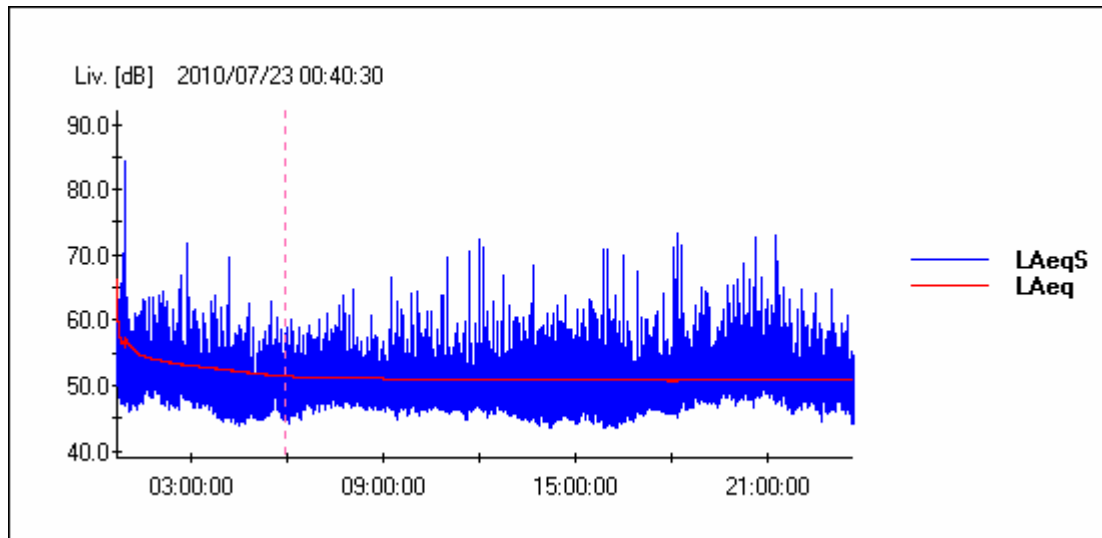


**RUNNING Leq NOTTURNO**

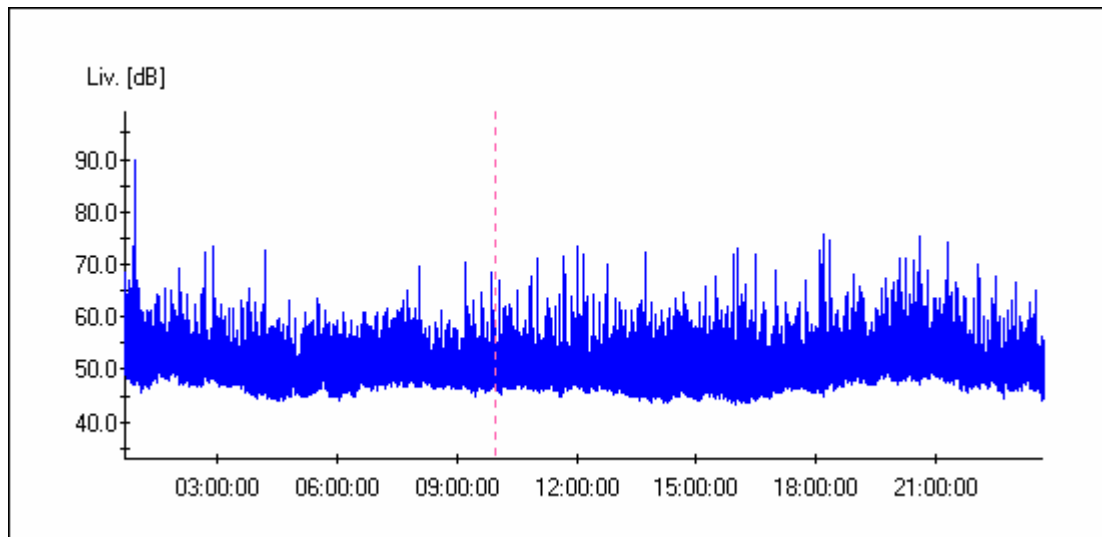


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	R_16_S	VIALE ANNUNZIATA
<i>Descrizione del punto di misura/ricettore</i>		
<p><b><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale, lato destro ad una distanza di mt 1 dal ciglio stradale</i></b></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<i>Caratterizzazione delle sorgenti di rumore</i>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_16_S</b>	Indirizzo <b>VIALE ANNUNZIATA</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>29/06/10</b>	<b>67.6</b>	<b>0</b>	<b>0</b>		<b>67.6</b>	<b>60</b>
Notte	22-6h	<b>29/06/10</b>	<b>61.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61.8</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_16_S</b>
Data inizio	<b>29/06/2010</b>
Ora inizio	<b>0.32.55</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
L <sub>AeqTR</sub>	[dBA]	<b>66.4</b>	<b>67.6</b>	<b>61.8</b>
L1	[dBA]	<b>75.0</b>	<b>76.0</b>	<b>72.0</b>
L5	[dBA]	<b>71.0</b>	<b>72.0</b>	<b>66.0</b>
L10	[dBA]	<b>69.0</b>	<b>70.0</b>	<b>61.0</b>
L50	[dBA]	<b>57.8</b>	<b>50.0</b>	<b>42.8</b>
L90	[dBA]	<b>38.5</b>	<b>50.5</b>	<b>35.0</b>
L95	[dBA]	<b>36.0</b>	<b>47.0</b>	<b>33.7</b>
L99	[dBA]	<b>33.0</b>	<b>43.0</b>	<b>32.0</b>
L <sub>I</sub> max	[dBA]	<b>108.3</b>	<b>104.6</b>	<b>108.3</b>
L <sub>F</sub> max	[dBA]	<b>103.5</b>	<b>102.1</b>	<b>103.5</b>
L <sub>S</sub> max	[dBA]	<b>95.4</b>	<b>95.4</b>	<b>95.0</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>66.4</b>	<b>67.6</b>	<b>61.8</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_16_S</b>	Indirizzo <b>VIALE ANNUNZIATA</b>
-------	----------------------------	--------------------------------------

**Sorgente stradale:** \_\_\_\_\_


	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>85</b>	<b>117</b>	<b>61</b>	<b>95</b>	<b>89.5</b>	<b>80</b>	<b>8</b>	<b>44</b>
Veic. Pesanti / 10'	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1.5</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>10</b>	<b>21</b>	<b>28</b>	<b>17</b>	<b>19</b>	<b>12</b>	<b>2</b>	<b>7</b>

**Parametri meteorologici**

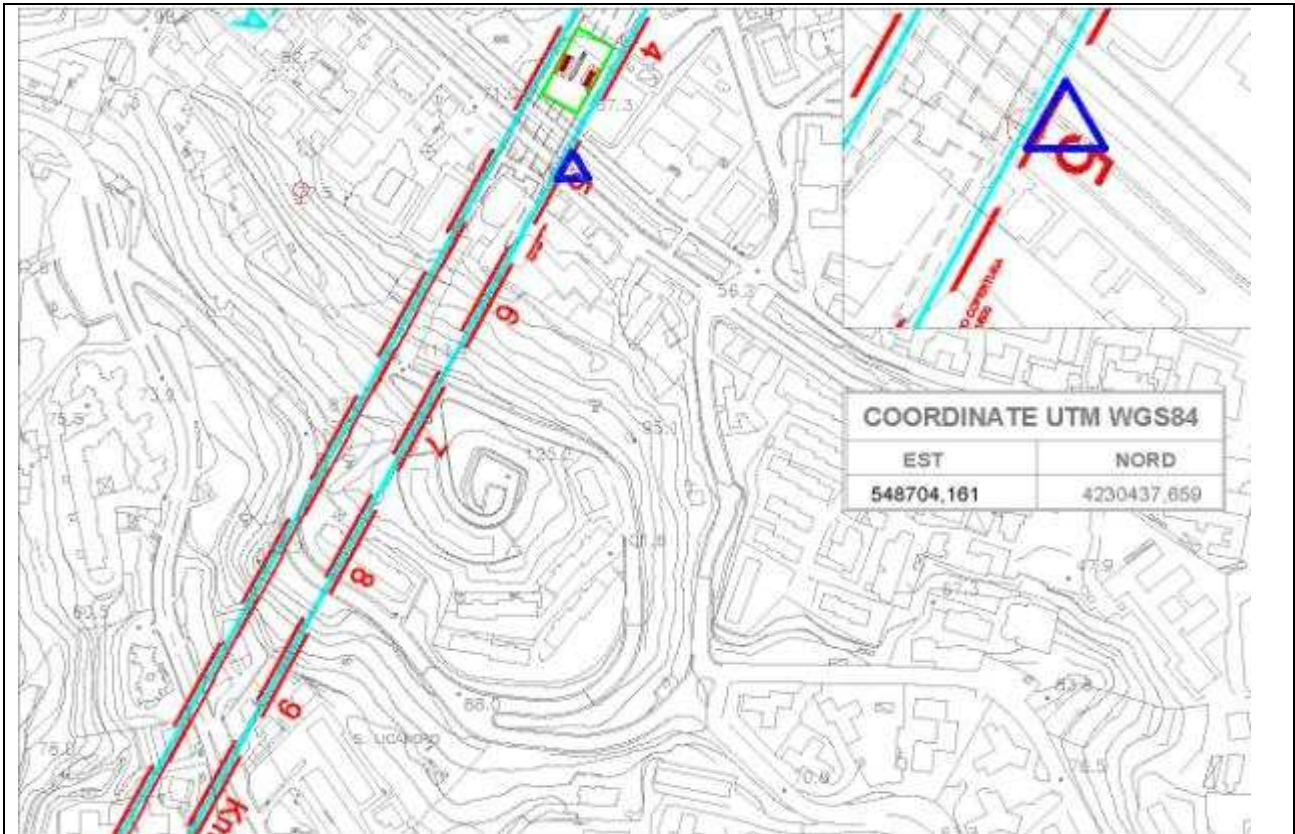
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>24.2</b>	<b>27.6</b>	<b>28.4</b>	<b>23.6</b>	<b>25.95</b>	<b>22.6</b>	<b>21</b>	<b>21.8</b>
Umidità relativa	<b>62</b>	<b>50</b>	<b>54</b>	<b>74</b>	<b>60</b>	<b>77</b>	<b>78</b>	<b>77.5</b>
Velocità vento	<b>4.6</b>	<b>4.6</b>	<b>4.7</b>	<b>2.8</b>	<b>4.175</b>	<b>0.7</b>	<b>0.3</b>	<b>0.5</b>
Direzione vento	<b>W</b>	<b>N</b>	<b>N W</b>	<b>W</b>		<b>N W</b>	<b>N W</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_16_S</b>	<b>Indirizzo</b> <b>VIALE ANNUNZIATA</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



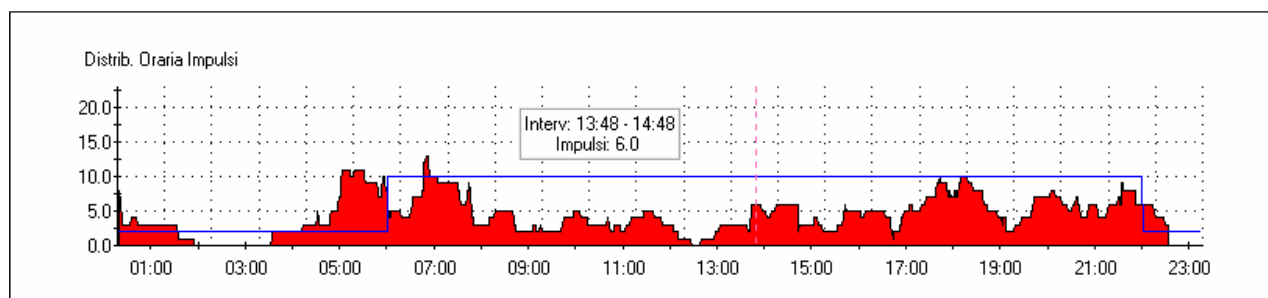
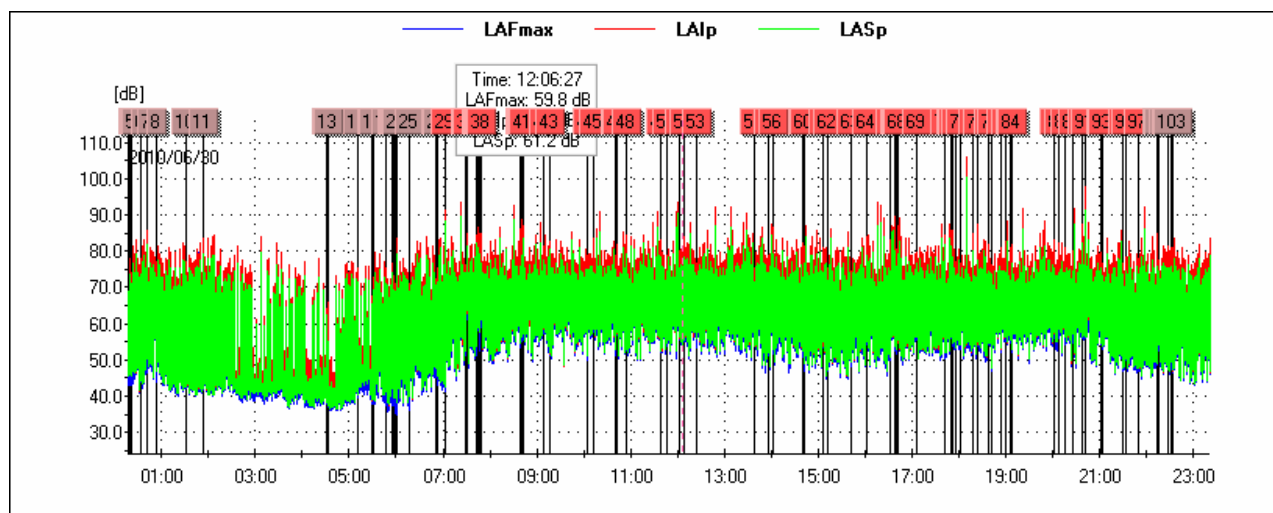
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/06/30 00:17:56	0.625	57.2	9.0
2	2010/06/30 00:20:10	1.000	59.9	9.1
3	2010/06/30 00:20:19	1.000	62.8	10.2
4	2010/06/30 00:20:27	0.875	68.3	9.6
5	2010/06/30 00:20:33	0.625	60.6	12.3
6	2010/06/30 00:32:33	0.750	75.8	9.1
7	2010/06/30 00:40:48	0.875	65.1	7.3
8	2010/06/30 00:53:26	1.000	61.8	8.8
9	2010/06/30 01:32:17	0.625	74.1	10.7
10	2010/06/30 01:32:19	0.875	63.1	11.2
11	2010/06/30 01:53:38	0.625	60.1	11.4
12	2010/06/30 04:31:19	0.625	57.2	10.9
13	2010/06/30 04:32:27	0.625	62.1	10.9
14	2010/06/30 05:11:03	0.875	54.0	9.4
15	2010/06/30 05:29:20	1.000	56.7	10.5
16	2010/06/30 05:30:04	0.625	53.2	8.7
17	2010/06/30 05:46:09	0.875	64.4	8.2
18	2010/06/30 05:47:02	0.875	50.6	9.2
19	2010/06/30 05:55:06	0.750	50.6	6.9
20	2010/06/30 05:56:12	1.000	56.0	8.4
21	2010/06/30 05:59:40	0.750	50.6	8.9
22	2010/06/30 05:59:51	0.625	50.0	7.8
23	2010/06/30 06:00:18	0.750	51.0	10.1
24	2010/06/30 06:00:35	0.750	47.2	7.9
25	2010/06/30 06:16:59	0.750	49.1	8.4
26	2010/06/30 06:51:33	0.750	66.8	7.7
27	2010/06/30 06:52:27	0.625	60.9	10.5
28	2010/06/30 06:52:43	0.875	62.6	10.0
29	2010/06/30 07:03:45	1.000	62.0	7.6
30	2010/06/30 07:28:41	0.750	71.1	9.4

31	2010/06/30 07:30:45	1.000	83.0	6.4
32	2010/06/30 07:31:27	1.000	79.1	6.2
33	2010/06/30 07:43:08	0.625	68.2	7.7
34	2010/06/30 07:45:30	0.875	84.8	6.4
35	2010/06/30 07:45:32	1.000	83.6	6.4
36	2010/06/30 07:45:47	1.000	83.1	6.3
37	2010/06/30 07:45:51	1.000	82.3	6.1
38	2010/06/30 07:48:05	0.625	82.7	9.1
39	2010/06/30 08:39:43	1.000	66.1	8.3
40	2010/06/30 08:40:15	0.750	85.8	9.8
41	2010/06/30 08:42:31	0.750	78.1	9.7
42	2010/06/30 09:08:56	0.875	74.1	6.7
43	2010/06/30 09:15:49	0.625	75.4	11.6
44	2010/06/30 10:04:17	0.750	66.0	10.6
45	2010/06/30 10:13:12	0.625	80.3	11.2
46	2010/06/30 10:40:04	0.875	65.1	8.7
47	2010/06/30 10:42:40	0.625	78.3	10.8
48	2010/06/30 10:55:20	0.625	72.9	10.4
49	2010/06/30 11:38:35	1.000	67.2	9.4
50	2010/06/30 11:47:09	0.750	73.3	8.6
51	2010/06/30 12:02:55	0.625	76.6	11.3
52	2010/06/30 12:08:13	0.750	69.6	8.6
53	2010/06/30 12:25:11	0.875	67.6	7.9
54	2010/06/30 13:37:39	0.875	69.9	6.6
55	2010/06/30 13:55:49	1.000	67.3	7.8
56	2010/06/30 14:01:29	0.875	85.1	7.2
57	2010/06/30 14:41:11	0.625	74.9	9.1
58	2010/06/30 14:41:34	0.750	69.2	9.2
59	2010/06/30 14:41:38	0.625	68.2	8.5
60	2010/06/30 14:41:39	0.625	68.9	7.8
61	2010/06/30 15:06:06	1.000	78.9	6.5
62	2010/06/30 15:12:50	0.750	71.0	8.4

63	2010/06/30 15:42:56	0.875	59.7	7.7
64	2010/06/30 16:01:53	0.625	73.8	10.3
65	2010/06/30 16:31:28	0.750	81.3	8.6
66	2010/06/30 16:38:08	0.625	87.4	9.6
67	2010/06/30 16:39:39	0.750	76.8	8.5
68	2010/06/30 16:41:58	0.875	85.7	7.6
69	2010/06/30 17:06:15	0.750	68.9	9.8
70	2010/06/30 17:42:43	0.750	64.8	10.3
71	2010/06/30 17:50:14	1.000	77.9	6.5
72	2010/06/30 17:52:22	0.625	84.8	7.5
73	2010/06/30 17:55:49	0.875	70.4	8.8
74	2010/06/30 18:02:17	1.000	74.7	7.1
75	2010/06/30 18:17:27	0.750	75.9	10.3
76	2010/06/30 18:23:49	0.750	84.6	10.3
77	2010/06/30 18:36:54	0.875	77.5	9.6
78	2010/06/30 18:37:44	0.625	80.0	8.9
79	2010/06/30 18:41:51	0.750	64.0	8.6
80	2010/06/30 18:54:42	0.875	78.2	9.4
81	2010/06/30 19:00:10	0.750	80.2	8.8
82	2010/06/30 19:05:48	1.000	74.0	8.4
83	2010/06/30 19:05:49	0.750	78.6	9.2
84	2010/06/30 19:08:15	1.000	78.6	8.5
85	2010/06/30 20:01:27	0.875	80.7	7.8
86	2010/06/30 20:08:41	0.750	73.9	10.1
87	2010/06/30 20:16:37	0.750	78.8	8.7
88	2010/06/30 20:24:55	0.750	69.3	9.0
89	2010/06/30 20:37:18	1.000	72.1	8.4
90	2010/06/30 20:40:48	1.000	81.4	7.0
91	2010/06/30 20:40:55	0.750	75.7	7.1
92	2010/06/30 21:01:07	0.750	77.2	8.6
93	2010/06/30 21:02:50	0.750	70.6	8.0
94	2010/06/30 21:30:24	0.875	63.0	10.6

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

95	2010/06/30 21:34:33	0.875	75.0	10.7
96	2010/06/30 21:50:02	0.875	63.0	9.6
97	2010/06/30 21:50:03	1.000	62.8	6.5
98	2010/06/30 22:13:00	0.625	81.1	11.8
99	2010/06/30 22:15:54	0.875	72.7	7.1
100	2010/06/30 22:27:15	0.750	69.2	9.6
101	2010/06/30 22:32:18	0.750	69.3	8.6
102	2010/06/30 22:32:19	1.000	68.2	6.1
103	2010/06/30 22:32:35	0.625	77.0	12.3

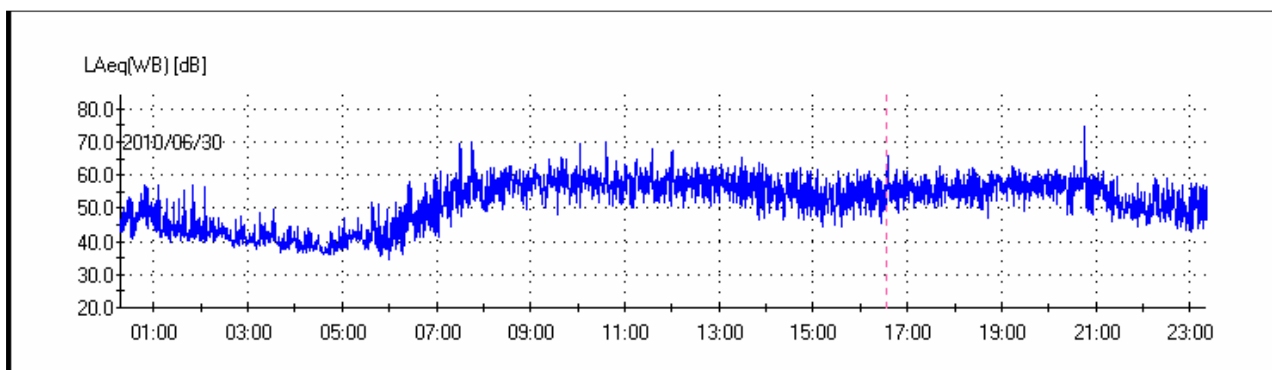
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



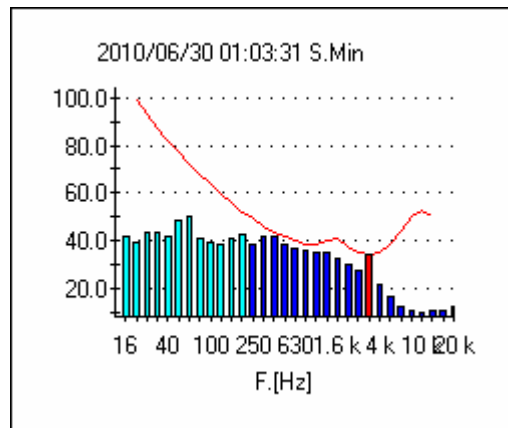
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 80	0.0
Freq: 160	0.0
Freq: 200	0.0
Freq: 315	0.0
Freq: 400	0.4
Freq: 630	0.0
Freq: 800	0.1
Freq: 1 k	0.2
Freq: 1.25 k	0.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

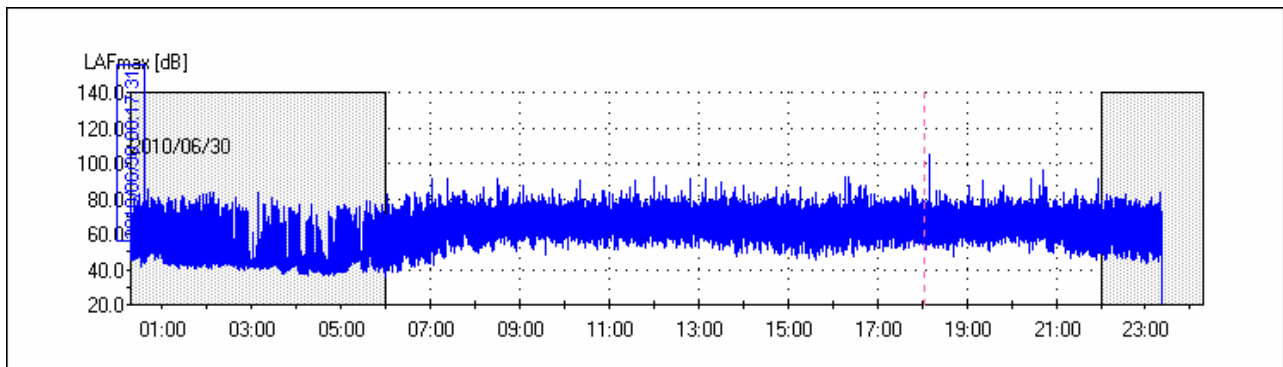
<b>Freq: 3.15 k</b>	<b>12.6</b>
Freq: 4 k	0.1
Freq: 5 k	0.1
PENALIZZAZIONI	
Penalizzazione BF: No	
<b>Penalizzazione AF: 3dB</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

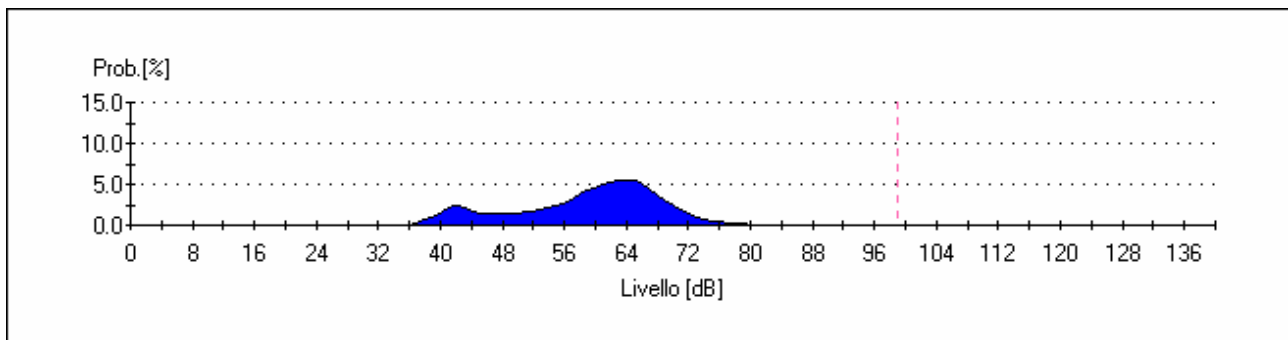
### TIME HISTORY COMPONENTI TONALI



### GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



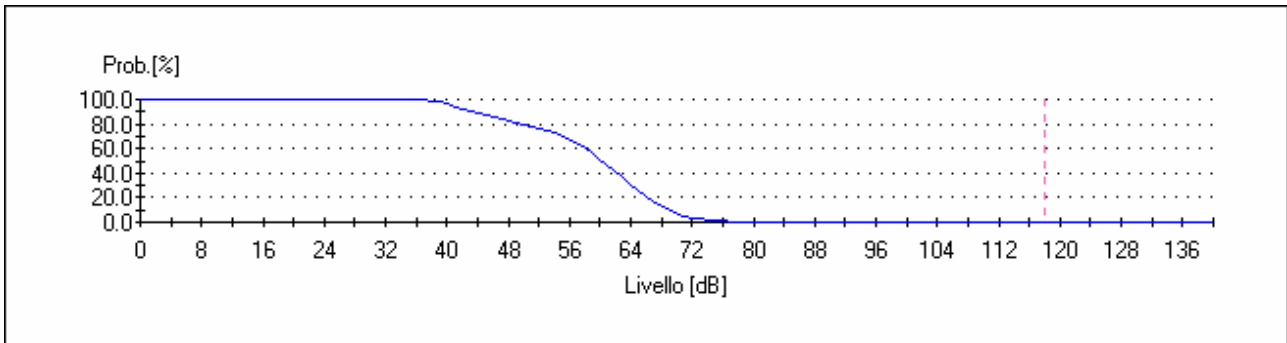
### DISTRIBUTIVA



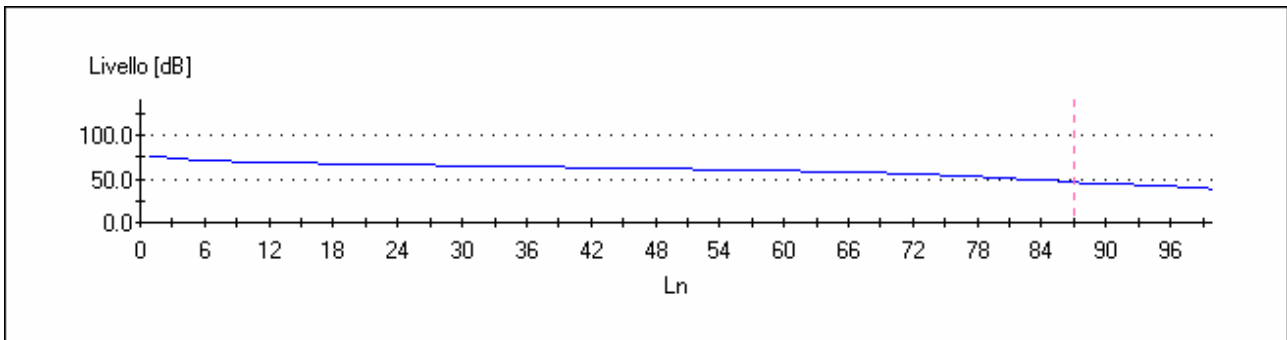


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**CUMULATIVA**



**GRAFICO PERCENTILI**



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	76.0
1	76.0
2	74.0
3	73.0
4	72.0
5	71.5
6	71.0
7	70.5
8	70.0
9	69.7
10	69.3
11	69.0
12	68.8
13	68.5
14	68.3
15	68.0
16	67.8
17	67.5
18	67.3
19	67.0
20	66.8
21	66.6
22	66.4
23	66.2
24	66.0
25	65.8
26	65.7
27	65.5
28	65.3
29	65.2
30	65.0

31	64.8
32	64.6
33	64.4
34	64.2
35	64.0
36	63.8
37	63.7
38	63.5
39	63.3
40	63.2
41	63.0
42	62.8
43	62.6
44	62.4
45	62.2
46	62.0
47	61.8
48	61.6
49	61.4
50	61.2
51	61.0
52	60.8
53	60.6
54	60.4
55	60.2
56	60.0
57	59.8
58	59.5
59	59.3
60	59.0
61	58.8
62	58.5

63	58.3
64	58.0
65	57.7
66	57.3
67	57.0
68	56.7
69	56.3
70	56.0
71	55.5
72	55.0
73	54.5
74	54.0
75	53.5
76	53.0
77	52.5
78	52.0
79	51.0
80	50.5
81	50.0
82	49.0
83	48.5
84	48.0
85	47.0
86	46.0
87	45.5
88	45.0
89	44.5
90	44.0
91	43.5
92	43.0
93	42.5
94	42.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	41.5
96	41.0
97	40.0
98	39.0
99	38.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	77.0
1	77.0
2	75.0
3	74.0
4	73.0
5	72.5
6	72.0
7	71.5
8	71.0
9	70.7
10	70.3
11	70.0
12	69.8
13	69.5
14	69.3
15	69.0
16	68.8
17	68.6
18	68.4
19	68.2
20	68.0
21	67.8
22	67.6

23	67.4
24	67.2
25	67.0
26	66.9
27	66.7
28	66.6
29	66.4
30	66.3
31	66.1
32	66.0
33	65.9
34	65.7
35	65.6
36	65.4
37	65.3
38	65.1
39	65.0
40	64.9
41	64.7
42	64.6
43	64.4
44	64.3
45	64.1
46	64.0
47	63.9
48	63.7
49	63.6
50	63.4
51	63.3
52	63.1
53	63.0
54	62.9

55	62.7
56	62.6
57	62.4
58	62.3
59	62.1
60	62.0
61	61.8
62	61.7
63	61.5
64	61.3
65	61.2
66	61.0
67	60.8
68	60.7
69	60.5
70	60.3
71	60.2
72	60.0
73	59.8
74	59.6
75	59.4
76	59.2
77	59.0
78	58.8
79	58.5
80	58.3
81	58.0
82	57.7
83	57.3
84	57.0
85	56.7
86	56.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	56.0
88	55.7
89	55.3
90	55.0
91	54.5
92	54.0
93	53.0
94	52.5
95	52.0
96	51.0
97	50.0
98	48.0
99	46.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	73.0
1	73.0
2	71.0
3	70.0
4	68.0
5	67.5
6	67.0
7	66.0
8	65.5
9	65.0
10	64.5
11	64.0
12	63.5
13	63.0
14	62.5



15	62.0
16	61.5
17	61.0
18	60.5
19	60.0
20	59.7
21	59.3
22	59.0
23	58.5
24	58.0
25	57.7
26	57.3
27	57.0
28	56.5
29	56.0
30	55.7
31	55.3
32	55.0
33	54.5
34	54.0
35	53.7
36	53.3
37	53.0
38	52.5
39	52.0
40	51.7
41	51.3
42	51.0
43	50.7
44	50.3
45	50.0
46	49.7

47	49.3
48	49.0
49	48.7
50	48.3
51	48.0
52	47.8
53	47.5
54	47.3
55	47.0
56	46.8
57	46.5
58	46.3
59	46.0
60	45.8
61	45.5
62	45.3
63	45.0
64	44.8
65	44.6
66	44.4
67	44.2
68	44.0
69	43.8
70	43.7
71	43.5
72	43.3
73	43.2
74	43.0
75	42.9
76	42.8
77	42.6
78	42.5

79	42.4
80	42.3
81	42.1
82	42.0
83	41.9
84	41.7
85	41.6
86	41.4
87	41.3
88	41.1
89	41.0
90	40.8
91	40.5
92	40.3
93	40.0
94	39.7
95	39.3
96	39.0
97	38.5
98	38.0
99	37.0

LIVELLI DI IMPULS- FAST E SLOW

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
85,7	81,7	85
93,6	89,7	91,6
93,4	90,4	92,2
93,7	87,8	92,4
106,1	100,6	105
92,3	86,2	91,1
<b>106,1</b>	<b>100,6</b>	<b>105</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

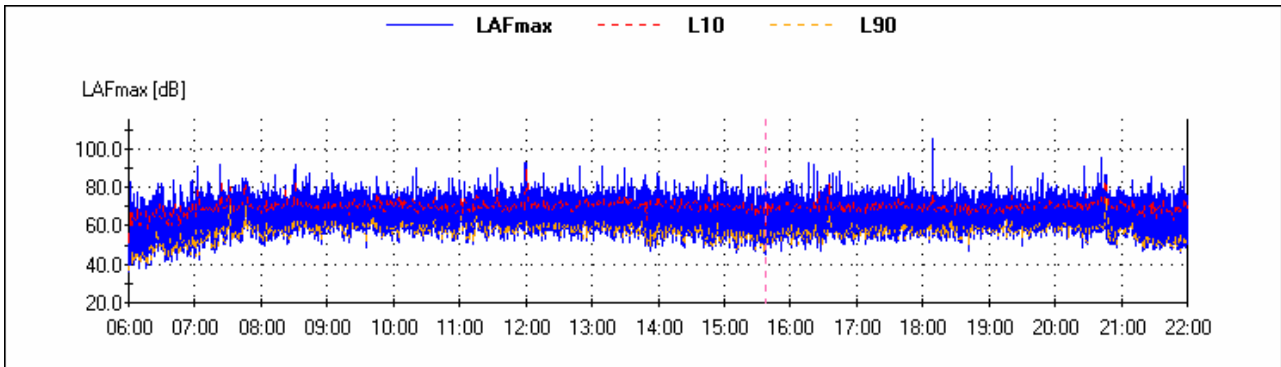
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
93,6	89,7	91,6
93,4	90,4	92,2
93,7	87,8	92,4
106,1	100,6	105
92,3	86,2	91,1
<b>106,1</b>	<b>100,6</b>	<b>105</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

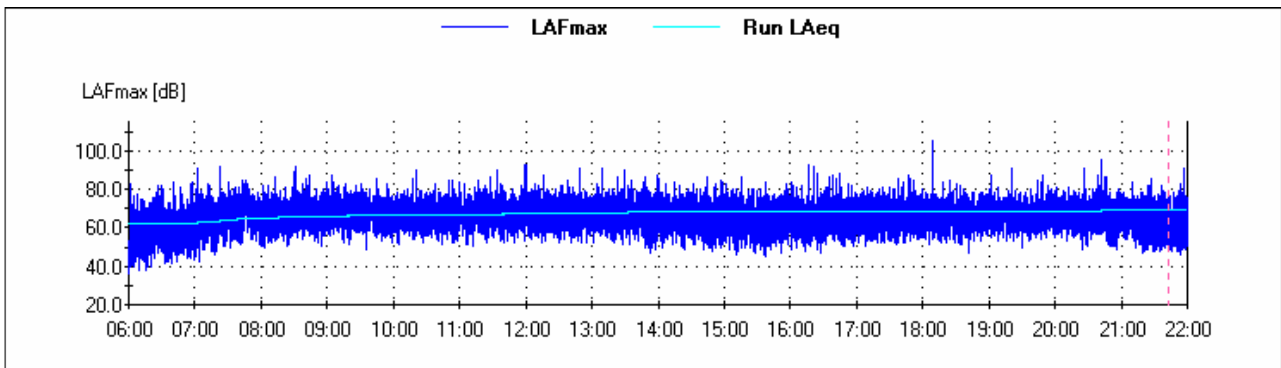
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
85,7	81,7	85
79,6	75	78,8
85,1	78,9	83
<b>85,7</b>	<b>81,7</b>	<b>85</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

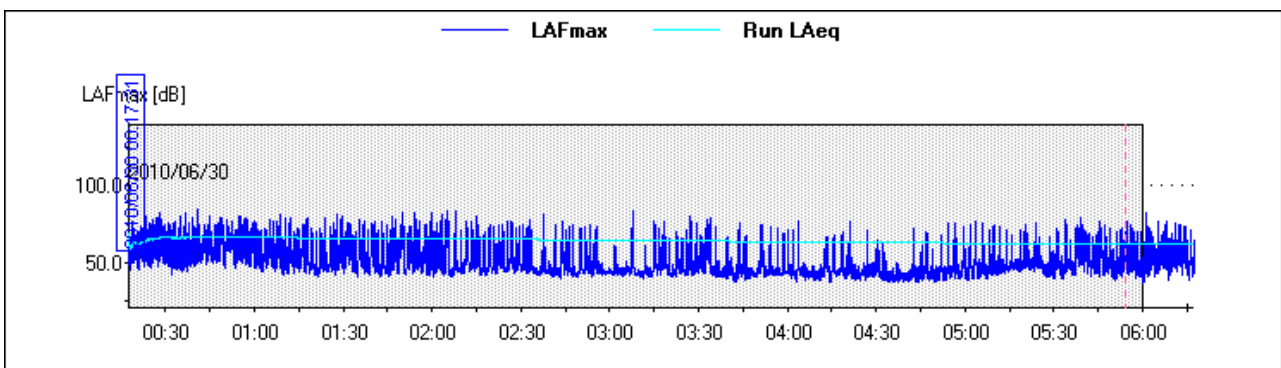
### TIME HISTORY L10 – L90



### RUNNING Leq DIURNO

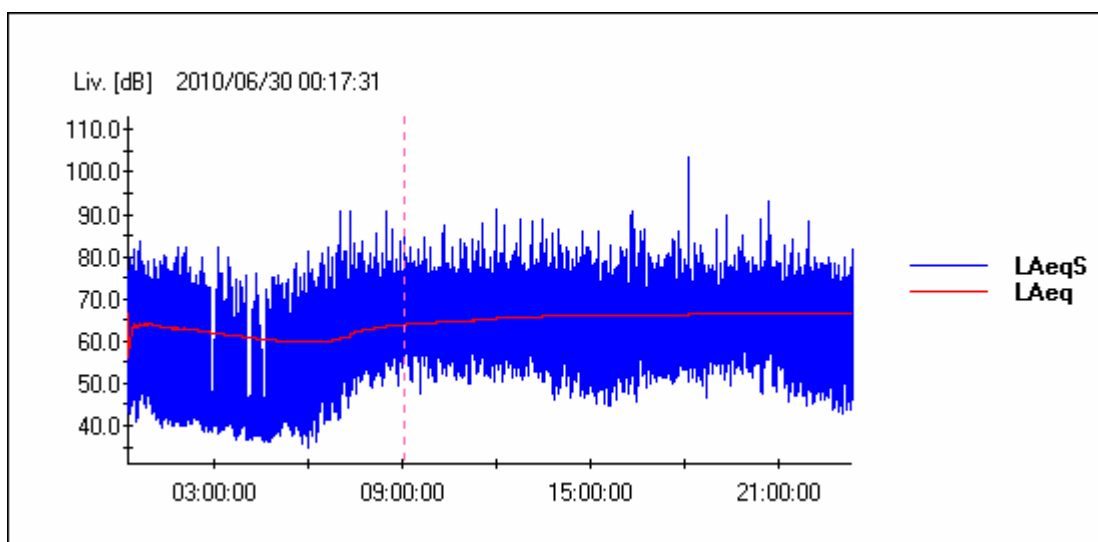


### RUNNING Leq NOTTURNO

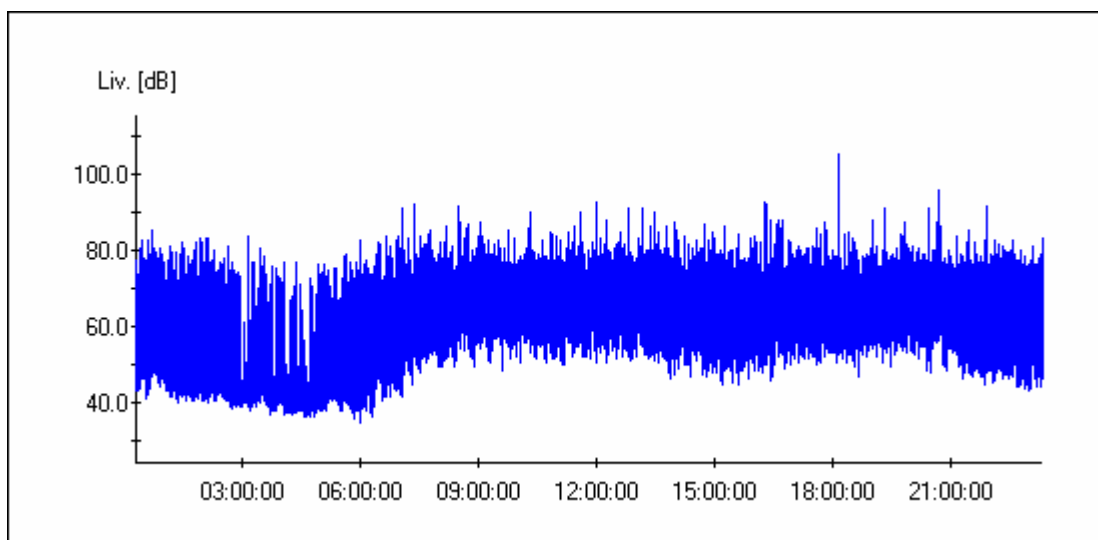


 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_17_S</b>	<b>Loc. Santissima Annunziata</b>
<i>Descrizione del punto di misura/ricettore</i>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiedi adiacente la carreggiata stradale, in posizione compatibile con il traffico stradale ad una distanza di mt 5 da muro di cinta dei fabbricati adiacenti</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
Caratterizzazione delle sorgenti di rumore		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO	
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0 Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_17_S</b>	Indirizzo <b>Loc. Santissima Annunziata</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>02/07/10</b>	<b>55.5</b>	<b>0</b>	<b>0</b>		<b>55.5</b>	<b>60</b>
Notte	22-6h	<b>02/07/10</b>	<b>49.3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>49.3</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_17_S</b>
Data inizio	<b>02/07/2010</b>
Ora inizio	<b>0.26.32</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>54.3</b>	<b>55.5</b>	<b>49.3</b>
L1	[dBA]	<b>64.0</b>	<b>65.0</b>	<b>59.0</b>
L5	[dBA]	<b>59.0</b>	<b>60.0</b>	<b>53.5</b>
L10	[dBA]	<b>56.5</b>	<b>57.7</b>	<b>51.0</b>
L50	[dBA]	<b>49.0</b>	<b>51.0</b>	<b>40.8</b>
L90	[dBA]	<b>38.5</b>	<b>43.8</b>	<b>32.0</b>
L95	[dBA]	<b>34.0</b>	<b>42.0</b>	<b>29.0</b>
L99	[dBA]	<b>27.0</b>	<b>39.0</b>	<b>25.0</b>
Llmax	[dBA]	<b>89.7</b>	<b>89.7</b>	<b>87.9</b>
LFmax	[dBA]	<b>89.0</b>	<b>89.0</b>	<b>84.4</b>
LSmax	[dBA]	<b>85.3</b>	<b>85.3</b>	<b>77.1</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>54.3</b>	<b>55.5</b>	<b>49.3</b>



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

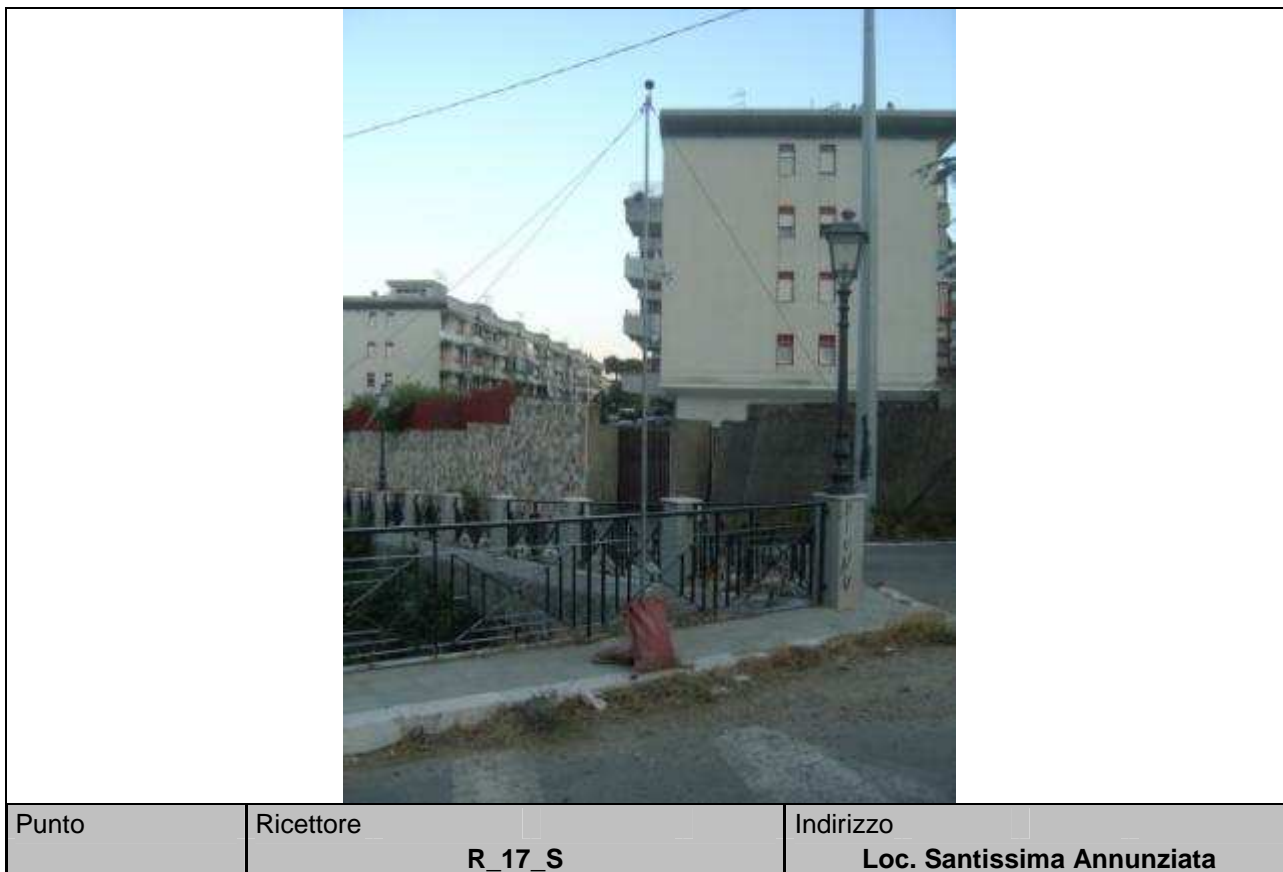
Note:

Punto	Ricettore <b>R_17_S</b>	Indirizzo <b>Loc. Santissima Annunziata</b>
-------	----------------------------	--

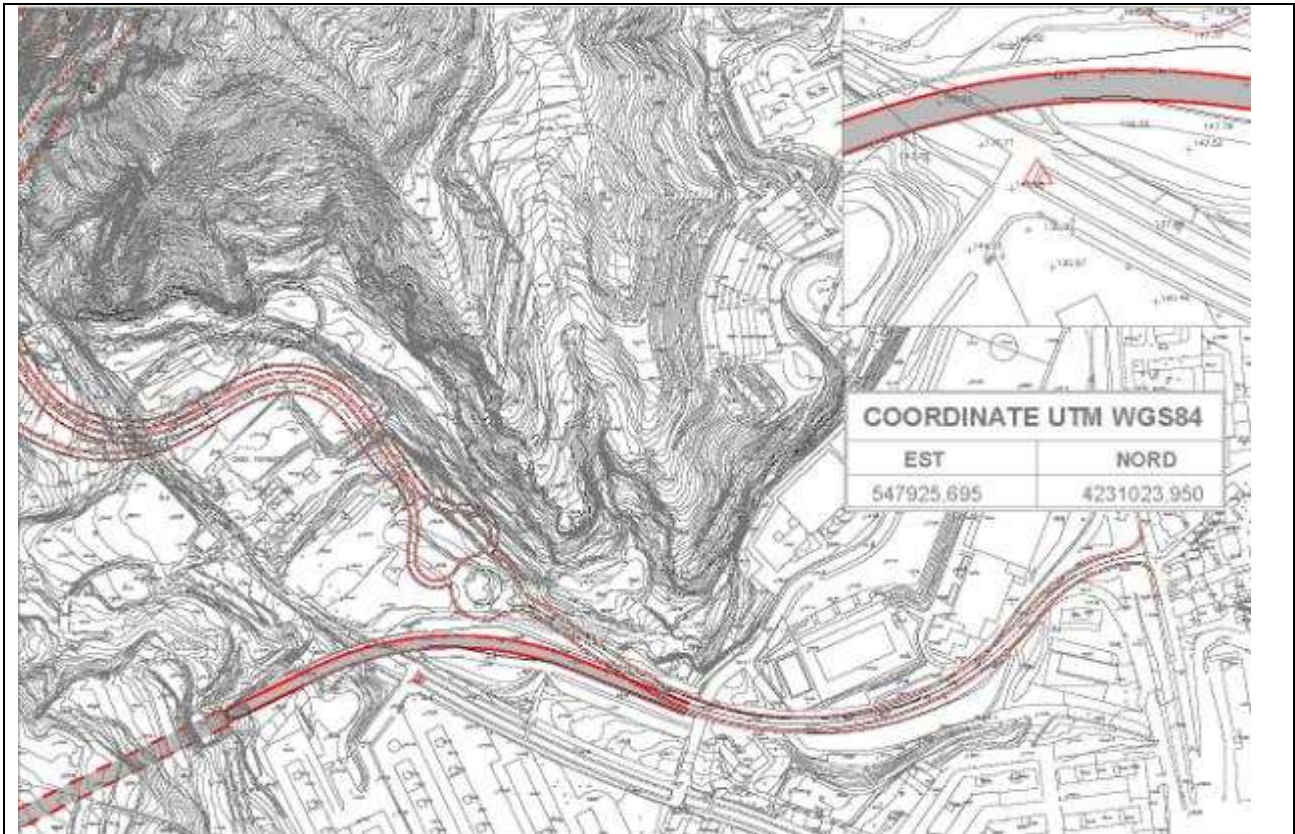
<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>24</b>	<b>35</b>	<b>21</b>	<b>15</b>	<b>23.75</b>	<b>3</b>	<b>6</b>	<b>4.5</b>
Veic. Pesanti / 10'	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>12</b>	<b>18</b>	<b>8</b>	<b>5</b>	<b>10.75</b>	<b>2</b>	<b>4</b>	<b>3</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>COPERTO</b>	
Temperatura	<b>24</b>	<b>30.2</b>	<b>28</b>	<b>23.9</b>	<b>26.53</b>	<b>23</b>	<b>20.2</b>	<b>21.6</b>
Umidità relativa	<b>62</b>	<b>45</b>	<b>49</b>	<b>73</b>	<b>57.25</b>	<b>52</b>	<b>76</b>	<b>64</b>
Velocità vento	<b>0.3</b>	<b>3.6</b>	<b>4.6</b>	<b>0.7</b>	<b>2.3</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>
Direzione vento	<b>W</b>	<b>N W</b>	<b>W</b>	<b>N N W</b>		<b>N N W</b>	<b>N E</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

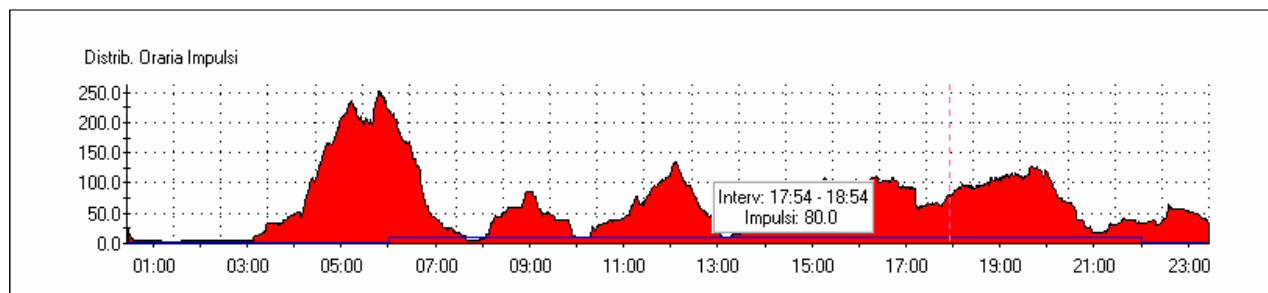
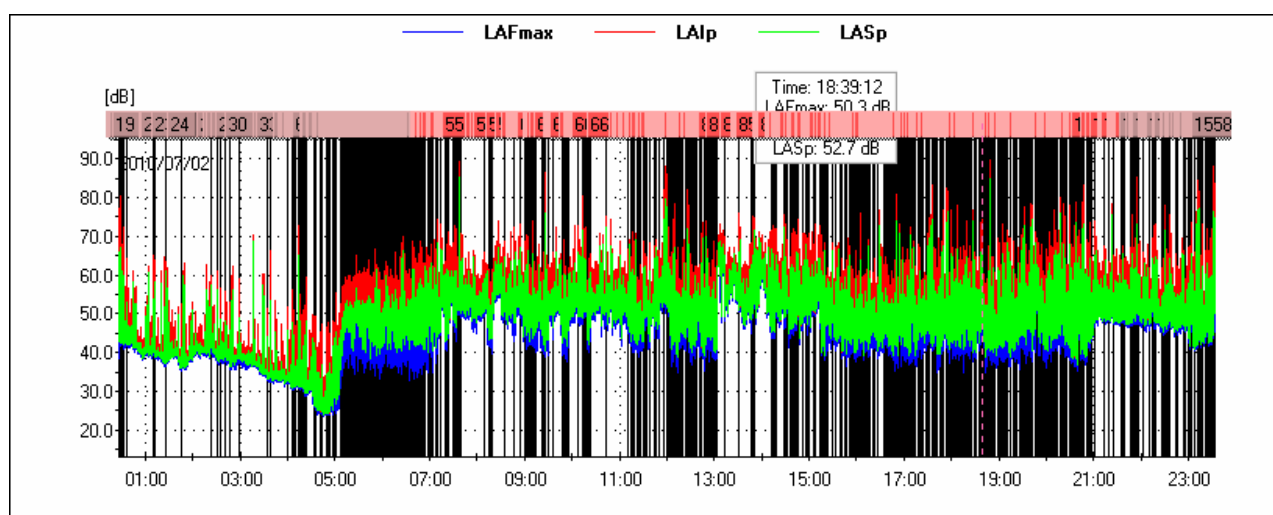
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/07/02 00:26:36	0.625	62.5	11.5
2	2010/07/02 00:26:56	0.625	62.5	9.6
3	2010/07/02 00:27:11	0.750	73.5	11.2
4	2010/07/02 00:27:13	0.875	67.6	9.3
5	2010/07/02 00:27:31	1.000	60.5	9.7
6	2010/07/02 00:27:38	0.625	65.7	9.4
7	2010/07/02 00:27:44	0.625	72.8	12.1
8	2010/07/02 00:27:53	0.500	64.2	10.8
9	2010/07/02 00:28:08	0.625	62.3	12.1
10	2010/07/02 00:28:26	0.625	75.9	12.8
11	2010/07/02 00:28:29	0.750	60.8	14.2
12	2010/07/02 00:29:26	0.625	57.6	9.5
13	2010/07/02 00:29:57	1.000	58.5	7.9
14	2010/07/02 00:30:35	1.000	60.0	10.5
15	2010/07/02 00:31:26	0.750	55.2	10.4
16	2010/07/02 00:32:34	0.625	56.4	10.9
17	2010/07/02 00:32:35	0.625	57.0	10.3
18	2010/07/02 00:32:37	0.625	68.1	12.7
19	2010/07/02 00:35:51	0.625	60.6	11.3
20	2010/07/02 01:09:29	0.875	52.1	8.9
21	2010/07/02 01:09:33	0.625	61.2	11.4
22	2010/07/02 01:11:12	1.000	55.8	6.7
23	2010/07/02 01:25:24	1.000	50.3	9.2
24	2010/07/02 01:45:46	0.875	48.2	11.3
25	2010/07/02 02:22:41	1.000	57.1	7.5
26	2010/07/02 02:31:01	0.875	52.9	7.9
27	2010/07/02 02:34:06	1.000	54.2	8.0
28	2010/07/02 02:41:34	1.000	52.9	6.6
29	2010/07/02 02:46:55	0.875	51.2	7.4

30	2010/07/02 02:58:55	0.875	55.3	10.2
31	2010/07/02 03:33:27	0.875	50.1	7.2
32	2010/07/02 03:38:20	0.750	45.9	11.1
33	2010/07/02 03:38:22	0.625	61.7	12.9
34	2010/07/02 03:59:07	0.625	47.0	11.6
35	2010/07/02 04:00:53	0.875	43.5	10.9
36	2010/07/02 04:06:18	1.000	49.1	8.1
37	2010/07/02 04:06:21	0.875	52.7	8.0
38	2010/07/02 04:06:27	1.000	50.2	7.8
39	2010/07/02 04:06:30	0.875	53.5	8.4
40	2010/07/02 04:06:32	0.875	51.5	7.4
41	2010/07/02 04:06:57	0.875	47.2	7.4
42	2010/07/02 04:07:23	1.000	49.4	7.2
43	2010/07/02 04:07:24	1.000	49.3	6.1
44	2010/07/02 04:08:58	1.000	42.5	10.6
45	2010/07/02 04:13:51	0.875	70.4	7.7
46	2010/07/02 04:15:49	0.875	53.5	6.8
47	2010/07/02 04:17:06	0.625	45.5	11.6
48	2010/07/02 04:19:57	1.000	46.2	7.5
49	2010/07/02 04:20:52	1.000	46.4	7.5
50	2010/07/02 04:20:56	1.000	46.2	7.5
51	2010/07/02 04:21:01	0.875	49.7	7.3
52	2010/07/02 04:22:02	1.000	45.7	6.9
53	2010/07/02 04:22:10	1.000	43.1	8.7
54	2010/07/02 04:22:13	1.000	46.0	7.4
55	2010/07/02 04:22:14	0.875	46.2	6.9
56	2010/07/02 04:22:15	0.875	46.3	6.5
57	2010/07/02 04:22:37	1.000	48.1	8.1
58	2010/07/02 04:22:46	1.000	44.9	6.9
59	2010/07/02 04:22:50	0.750	55.6	11.5
60	2010/07/02 04:23:02	0.500	49.0	12.5
61	2010/07/02 04:23:14	1.000	45.6	6.3

62	2010/07/02 04:23:36	1.000	47.9	9.3
63	2010/07/02 04:23:41	0.875	48.6	8.3
64	2010/07/02 04:33:07	1.000	46.3	7.2
65	2010/07/02 04:35:42	0.750	46.1	8.9
66	2010/07/02 04:40:37	0.625	39.9	11.3
67	2010/07/02 04:41:47	0.625	40.4	12.9
68	2010/07/02 04:42:40	0.875	38.1	9.9
69	2010/07/02 04:44:00	0.625	42.2	12.2
70	2010/07/02 04:44:05	0.750	40.8	11.5
71	2010/07/02 04:44:09	0.750	44.0	10.3
72	2010/07/02 04:44:19	0.875	38.0	10.1
73	2010/07/02 04:49:46	0.625	36.8	10.6
74	2010/07/02 04:49:51	0.750	35.2	10.0
75	2010/07/02 04:49:52	0.500	42.2	12.2
76	2010/07/02 04:50:57	0.625	43.0	12.9
77	2010/07/02 04:50:59	1.000	37.0	10.9
78	2010/07/02 04:51:01	0.625	38.4	10.8
79	2010/07/02 04:53:40	0.750	40.5	10.6
80	2010/07/02 04:56:38	1.000	46.5	6.8
81	2010/07/02 04:58:36	0.750	44.7	10.5
82	2010/07/02 04:59:26	0.750	43.0	10.6
83	2010/07/02 05:00:17	0.750	51.7	9.9
84	2010/07/02 05:00:35	0.875	49.5	9.4
85	2010/07/02 05:01:13	0.875	39.9	7.7
86	2010/07/02 05:01:18	1.000	45.9	6.3
87	2010/07/02 05:07:43	0.750	46.7	7.7
88	2010/07/02 05:08:40	1.000	52.9	7.6
89	2010/07/02 05:08:59	0.875	52.5	8.0
90	2010/07/02 05:09:02	1.000	52.7	7.3
91	2010/07/02 05:09:11	0.875	54.4	7.8
92	2010/07/02 05:09:18	0.750	54.0	8.1
93	2010/07/02 05:09:19	0.750	50.6	6.4

94	2010/07/02 05:09:20	1.000	52.6	7.9
95	2010/07/02 05:09:23	0.875	54.6	8.4
96	2010/07/02 05:09:28	0.750	53.5	7.4
97	2010/07/02 05:09:41	1.000	51.6	7.2
98	2010/07/02 05:09:51	0.750	52.0	7.9
99	2010/07/02 05:10:00	1.000	49.7	6.4
100	2010/07/02 05:10:01	1.000	49.9	6.3
101	2010/07/02 05:10:32	0.875	53.7	7.2
102	2010/07/02 05:10:44	0.750	53.2	7.3
103	2010/07/02 05:11:14	1.000	53.5	6.1
104	2010/07/02 05:11:34	0.750	55.1	7.4
105	2010/07/02 05:11:40	0.875	54.9	6.9
106	2010/07/02 05:11:45	0.875	52.6	6.5
107	2010/07/02 05:11:47	0.750	53.4	6.6
108	2010/07/02 05:12:09	0.875	54.2	6.5
109	2010/07/02 05:12:16	0.875	53.5	6.2
110	2010/07/02 05:12:27	1.000	54.4	6.3
111	2010/07/02 05:12:34	0.875	55.7	6.5
112	2010/07/02 05:12:45	0.875	56.8	6.7
113	2010/07/02 05:12:52	0.750	55.1	6.9
114	2010/07/02 05:12:54	0.875	55.0	6.6
115	2010/07/02 05:13:10	0.750	54.0	6.7
116	2010/07/02 05:13:11	1.000	53.7	6.8
117	2010/07/02 05:13:27	1.000	55.1	7.0
118	2010/07/02 05:13:31	0.750	55.3	6.6
119	2010/07/02 05:13:49	1.000	53.5	6.1
120	2010/07/02 05:13:55	0.875	52.8	7.2
121	2010/07/02 05:14:08	0.750	55.1	8.3
122	2010/07/02 05:14:12	0.750	55.0	6.6
123	2010/07/02 05:14:13	0.875	55.1	6.6
124	2010/07/02 05:14:14	0.875	55.2	7.2
125	2010/07/02 05:14:16	0.750	55.1	7.3



126	2010/07/02 05:14:18	1.000	55.3	7.2
127	2010/07/02 05:14:20	0.750	55.4	6.5
128	2010/07/02 05:14:21	0.750	55.3	7.1
129	2010/07/02 05:14:22	0.875	54.9	6.8
130	2010/07/02 05:14:24	0.875	56.2	7.7
131	2010/07/02 05:14:25	0.875	54.3	6.3
132	2010/07/02 05:14:43	1.000	54.8	6.7
133	2010/07/02 05:16:24	0.875	53.8	7.6
134	2010/07/02 05:16:26	0.875	56.4	8.1
135	2010/07/02 05:16:27	0.750	55.1	6.3
136	2010/07/02 05:16:28	1.000	55.2	7.2
137	2010/07/02 05:17:02	1.000	51.8	6.5
138	2010/07/02 05:17:05	0.875	52.0	6.4
139	2010/07/02 05:17:24	0.750	52.9	7.0
140	2010/07/02 05:17:27	0.875	52.9	6.3
141	2010/07/02 05:17:29	1.000	54.4	7.2
142	2010/07/02 05:17:31	0.750	53.6	6.4
143	2010/07/02 05:17:38	0.875	52.2	6.3
144	2010/07/02 05:17:41	0.750	54.8	7.3
145	2010/07/02 05:17:49	1.000	52.8	6.2
146	2010/07/02 05:17:52	1.000	53.9	6.1
147	2010/07/02 05:18:04	0.875	55.7	6.6
148	2010/07/02 05:18:07	0.875	55.4	6.7
149	2010/07/02 05:18:12	0.875	54.6	6.8
150	2010/07/02 05:18:19	0.875	54.6	7.4
151	2010/07/02 05:19:01	1.000	56.0	6.5
152	2010/07/02 05:19:02	0.750	57.0	6.6
153	2010/07/02 05:19:09	0.875	55.9	6.8
154	2010/07/02 05:19:20	0.875	53.0	6.1
155	2010/07/02 05:19:38	1.000	58.1	7.0
156	2010/07/02 05:20:24	1.000	54.2	6.8
157	2010/07/02 05:20:30	1.000	54.2	6.6

158	2010/07/02 05:20:31	0.750	55.4	6.9
159	2010/07/02 05:20:34	0.875	53.7	7.1
160	2010/07/02 05:20:44	0.875	53.5	6.3
161	2010/07/02 05:23:25	0.875	55.1	7.2
162	2010/07/02 05:23:32	1.000	55.5	7.7
163	2010/07/02 05:23:39	1.000	49.6	6.3
164	2010/07/02 05:23:51	0.875	53.0	7.1
165	2010/07/02 05:23:56	0.875	52.0	6.4
166	2010/07/02 05:23:57	0.875	52.3	7.1
167	2010/07/02 05:24:04	1.000	52.6	6.1
168	2010/07/02 05:24:24	0.750	55.7	7.6
169	2010/07/02 05:24:37	0.875	54.2	7.0
170	2010/07/02 05:24:42	1.000	53.2	6.9
171	2010/07/02 05:25:16	0.875	57.4	6.9
172	2010/07/02 05:26:01	0.875	56.5	6.5
173	2010/07/02 05:26:04	0.875	57.3	7.8
174	2010/07/02 05:26:56	1.000	56.4	6.4
175	2010/07/02 05:27:21	0.750	56.0	6.7
176	2010/07/02 05:27:31	0.875	57.4	6.6
177	2010/07/02 05:27:42	1.000	54.6	6.2
178	2010/07/02 05:27:53	0.875	57.4	7.5
179	2010/07/02 05:28:22	0.750	55.5	7.0
180	2010/07/02 05:28:23	0.750	54.7	6.2
181	2010/07/02 05:28:29	0.875	55.3	6.8
182	2010/07/02 05:28:39	1.000	55.8	6.2
183	2010/07/02 05:28:41	0.875	56.3	6.3
184	2010/07/02 05:28:42	0.875	56.0	7.2
185	2010/07/02 05:28:46	0.625	55.4	7.5
186	2010/07/02 05:28:47	0.875	55.8	7.4
187	2010/07/02 05:28:53	1.000	54.8	7.5
188	2010/07/02 05:28:57	0.750	55.1	6.8
189	2010/07/02 05:29:00	0.750	56.1	6.5

190	2010/07/02 05:29:29	0.875	53.5	6.3
191	2010/07/02 05:29:30	1.000	54.8	6.2
192	2010/07/02 05:29:40	0.750	57.2	7.2
193	2010/07/02 05:30:22	1.000	56.1	6.2
194	2010/07/02 05:30:28	0.750	55.8	6.3
195	2010/07/02 05:31:05	0.750	55.4	7.1
196	2010/07/02 05:31:09	1.000	55.2	7.2
197	2010/07/02 05:32:07	1.000	54.1	7.8
198	2010/07/02 05:32:11	1.000	54.3	8.0
199	2010/07/02 05:32:12	1.000	54.5	7.3
200	2010/07/02 05:32:14	0.875	54.5	6.6
201	2010/07/02 05:32:22	1.000	55.7	8.0
202	2010/07/02 05:32:23	0.875	57.7	8.3
203	2010/07/02 05:32:33	0.875	54.4	6.8
204	2010/07/02 05:32:48	0.875	54.2	7.4
205	2010/07/02 05:33:07	0.875	54.2	8.7
206	2010/07/02 05:33:41	1.000	55.8	7.2
207	2010/07/02 05:33:50	0.625	56.0	7.8
208	2010/07/02 05:33:57	1.000	57.0	6.9
209	2010/07/02 05:34:02	0.750	56.3	8.4
210	2010/07/02 05:34:05	0.875	57.0	7.5
211	2010/07/02 05:34:10	1.000	51.5	7.0
212	2010/07/02 05:34:11	1.000	54.1	7.6
213	2010/07/02 05:35:05	0.750	54.9	7.4
214	2010/07/02 05:35:20	0.750	55.2	10.5
215	2010/07/02 05:35:21	0.625	53.9	7.9
216	2010/07/02 05:35:28	0.875	51.7	9.5
217	2010/07/02 05:35:39	1.000	55.2	7.3
218	2010/07/02 05:35:58	0.750	59.5	9.4
219	2010/07/02 05:36:08	0.750	57.9	9.5
220	2010/07/02 05:36:24	0.750	57.6	9.5
221	2010/07/02 05:36:43	1.000	48.5	6.3

222	2010/07/02 05:37:00	0.625	53.2	8.0
223	2010/07/02 05:37:01	0.875	52.6	7.1
224	2010/07/02 05:37:03	0.750	55.5	8.9
225	2010/07/02 05:37:17	0.875	55.4	8.7
226	2010/07/02 05:37:29	1.000	50.9	7.1
227	2010/07/02 05:38:15	0.625	57.5	9.5
228	2010/07/02 05:38:22	1.000	50.0	6.7
229	2010/07/02 05:38:36	0.750	52.6	9.1
230	2010/07/02 05:39:47	0.750	59.3	7.9
231	2010/07/02 05:41:18	1.000	54.4	6.6
232	2010/07/02 05:41:27	0.875	52.7	6.6
233	2010/07/02 05:41:47	0.750	53.1	7.5
234	2010/07/02 05:43:24	0.875	60.8	9.4
235	2010/07/02 05:43:43	1.000	53.4	7.5
236	2010/07/02 05:45:56	1.000	53.1	7.7
237	2010/07/02 05:46:01	0.875	52.6	6.1
238	2010/07/02 05:46:59	1.000	53.9	6.9
239	2010/07/02 05:47:18	0.875	56.9	8.5
240	2010/07/02 05:48:07	0.875	56.9	7.2
241	2010/07/02 05:48:08	0.625	57.4	7.9
242	2010/07/02 05:48:09	0.750	55.6	6.5
243	2010/07/02 05:48:16	0.750	56.8	6.6
244	2010/07/02 05:48:17	0.750	57.5	8.2
245	2010/07/02 05:48:50	0.875	55.3	6.1
246	2010/07/02 05:48:52	0.875	56.3	6.9
247	2010/07/02 05:49:22	0.750	57.1	7.9
248	2010/07/02 05:49:36	0.750	55.7	8.3
249	2010/07/02 05:49:57	0.750	56.6	9.4
250	2010/07/02 05:50:04	1.000	53.2	8.0
251	2010/07/02 05:50:06	1.000	54.5	8.3
252	2010/07/02 05:50:10	0.750	51.8	6.9
253	2010/07/02 05:50:12	0.750	52.9	9.0

254	2010/07/02 05:50:17	0.750	54.2	8.7
255	2010/07/02 05:50:33	0.875	53.8	7.5
256	2010/07/02 05:50:35	1.000	55.3	8.2
257	2010/07/02 05:51:03	0.750	58.7	8.7
258	2010/07/02 05:51:07	0.625	61.6	9.4
259	2010/07/02 05:51:14	1.000	60.5	9.4
260	2010/07/02 05:51:17	0.625	61.0	9.7
261	2010/07/02 05:51:19	1.000	57.9	8.8
262	2010/07/02 05:51:24	0.625	59.6	8.7
263	2010/07/02 05:51:28	0.625	63.5	10.1
264	2010/07/02 05:52:15	1.000	51.6	8.0
265	2010/07/02 05:53:04	0.875	57.5	8.2
266	2010/07/02 05:53:15	0.625	52.2	8.4
267	2010/07/02 05:53:32	0.875	55.6	7.8
268	2010/07/02 05:53:37	0.875	52.6	7.7
269	2010/07/02 05:53:40	0.750	53.6	9.4
270	2010/07/02 05:53:42	0.625	54.4	9.3
271	2010/07/02 05:53:47	0.875	55.0	8.8
272	2010/07/02 05:53:49	0.875	54.9	8.4
273	2010/07/02 05:55:05	0.875	56.6	8.6
274	2010/07/02 05:55:06	0.750	56.1	7.8
275	2010/07/02 05:55:11	0.875	56.9	8.0
276	2010/07/02 05:55:12	0.875	55.3	7.9
277	2010/07/02 05:55:14	0.750	55.4	9.2
278	2010/07/02 05:55:24	0.750	55.2	9.5
279	2010/07/02 05:55:26	0.625	59.0	9.6
280	2010/07/02 05:55:26	0.750	58.0	7.6
281	2010/07/02 05:55:33	0.750	50.7	8.0
282	2010/07/02 05:56:18	1.000	50.7	6.7
283	2010/07/02 05:56:38	1.000	53.6	6.7
284	2010/07/02 05:56:40	0.875	54.8	7.4
285	2010/07/02 05:56:41	0.750	54.3	9.2

286	2010/07/02 05:56:46	0.875	53.4	7.0
287	2010/07/02 05:57:10	0.875	48.2	7.9
288	2010/07/02 05:57:23	0.750	51.2	8.2
289	2010/07/02 05:57:37	0.750	53.0	8.2
290	2010/07/02 05:58:07	0.875	52.5	9.3
291	2010/07/02 05:58:15	0.750	54.7	8.9
292	2010/07/02 05:59:09	0.750	56.3	8.9
293	2010/07/02 05:59:15	0.875	49.7	6.4
294	2010/07/02 05:59:18	1.000	51.7	7.0
295	2010/07/02 06:00:01	0.875	56.7	7.6
296	2010/07/02 06:00:26	1.000	52.6	6.3
297	2010/07/02 06:02:05	0.875	54.7	8.3
298	2010/07/02 06:02:12	0.875	56.5	8.6
299	2010/07/02 06:02:14	0.875	54.8	7.5
300	2010/07/02 06:02:17	1.000	53.9	8.5
301	2010/07/02 06:02:36	0.750	55.6	9.4
302	2010/07/02 06:02:37	1.000	54.7	8.2
303	2010/07/02 06:05:04	0.750	58.0	7.5
304	2010/07/02 06:05:12	1.000	60.5	8.4
305	2010/07/02 06:05:13	0.875	58.0	6.8
306	2010/07/02 06:05:17	0.625	57.1	7.2
307	2010/07/02 06:05:29	0.750	56.1	6.5
308	2010/07/02 06:05:37	0.750	54.6	7.6
309	2010/07/02 06:05:45	0.875	55.6	7.8
310	2010/07/02 06:06:23	0.875	55.7	7.4
311	2010/07/02 06:06:38	0.750	56.5	8.6
312	2010/07/02 06:06:40	0.750	55.8	8.1
313	2010/07/02 06:06:44	1.000	56.0	8.4
314	2010/07/02 06:07:17	0.875	53.5	8.4
315	2010/07/02 06:07:18	0.750	55.9	8.0
316	2010/07/02 06:07:24	1.000	55.8	8.0
317	2010/07/02 06:07:38	0.875	54.1	6.5

318	2010/07/02 06:07:57	1.000	54.5	6.8
319	2010/07/02 06:08:06	0.875	56.7	7.1
320	2010/07/02 06:08:23	1.000	55.5	8.0
321	2010/07/02 06:09:06	1.000	53.6	8.1
322	2010/07/02 06:09:11	1.000	53.7	7.5
323	2010/07/02 06:09:13	0.625	55.2	7.8
324	2010/07/02 06:09:16	0.750	56.8	7.7
325	2010/07/02 06:09:20	0.750	55.0	8.3
326	2010/07/02 06:09:43	0.625	56.1	8.5
327	2010/07/02 06:09:45	0.875	55.0	7.8
328	2010/07/02 06:09:48	1.000	54.2	8.1
329	2010/07/02 06:09:49	0.750	55.0	8.1
330	2010/07/02 06:09:51	0.750	56.2	8.7
331	2010/07/02 06:09:55	1.000	55.4	7.3
332	2010/07/02 06:09:59	1.000	55.1	8.0
333	2010/07/02 06:10:01	0.875	55.4	8.4
334	2010/07/02 06:10:04	0.750	55.8	8.8
335	2010/07/02 06:10:06	0.625	55.2	8.2
336	2010/07/02 06:10:19	0.875	54.1	8.4
337	2010/07/02 06:10:29	0.750	54.4	8.5
338	2010/07/02 06:10:54	0.750	54.1	8.0
339	2010/07/02 06:11:05	1.000	57.7	8.9
340	2010/07/02 06:11:09	0.625	58.1	10.0
341	2010/07/02 06:11:10	0.750	57.7	9.0
342	2010/07/02 06:11:17	0.750	56.9	9.3
343	2010/07/02 06:11:21	0.875	54.9	8.0
344	2010/07/02 06:12:59	0.875	55.2	6.7
345	2010/07/02 06:13:06	1.000	54.8	7.2
346	2010/07/02 06:13:10	0.875	55.4	8.2
347	2010/07/02 06:13:11	0.750	55.3	7.3
348	2010/07/02 06:13:13	0.750	56.8	8.3
349	2010/07/02 06:13:31	0.750	55.7	8.1

350	2010/07/02 06:13:52	0.875	55.0	8.0
351	2010/07/02 06:14:38	0.875	54.0	8.2
352	2010/07/02 06:14:44	1.000	55.7	7.8
353	2010/07/02 06:14:47	0.750	56.5	7.9
354	2010/07/02 06:15:04	1.000	54.6	8.0
355	2010/07/02 06:15:14	1.000	53.0	6.8
356	2010/07/02 06:15:15	1.000	54.0	7.4
357	2010/07/02 06:15:16	0.875	56.4	7.0
358	2010/07/02 06:15:52	0.750	56.0	7.4
359	2010/07/02 06:15:58	0.750	55.8	8.8
360	2010/07/02 06:16:46	0.750	62.8	9.7
361	2010/07/02 06:18:59	1.000	55.2	7.7
362	2010/07/02 06:19:12	0.750	55.7	7.5
363	2010/07/02 06:19:35	0.875	54.3	7.3
364	2010/07/02 06:19:43	0.625	54.1	9.1
365	2010/07/02 06:20:46	0.750	55.7	9.1
366	2010/07/02 06:20:52	0.750	53.2	7.4
367	2010/07/02 06:21:01	0.750	52.7	8.6
368	2010/07/02 06:21:03	1.000	53.0	8.2
369	2010/07/02 06:21:07	0.750	53.3	9.1
370	2010/07/02 06:22:01	0.625	61.9	10.5
371	2010/07/02 06:22:36	0.875	55.8	9.0
372	2010/07/02 06:23:46	0.750	53.7	9.2
373	2010/07/02 06:24:22	1.000	50.4	7.2
374	2010/07/02 06:26:27	1.000	54.6	6.5
375	2010/07/02 06:26:31	0.750	54.3	8.4
376	2010/07/02 06:26:39	0.750	54.8	9.4
377	2010/07/02 06:27:55	1.000	53.6	7.1
378	2010/07/02 06:28:10	0.750	60.6	9.5
379	2010/07/02 06:28:14	0.750	58.6	10.0
380	2010/07/02 06:28:19	0.625	62.1	9.7
381	2010/07/02 06:28:21	0.750	60.9	9.8



382	2010/07/02 06:28:25	0.750	58.8	9.1
383	2010/07/02 06:28:25	0.750	58.8	7.7
384	2010/07/02 06:28:26	0.750	60.0	8.1
385	2010/07/02 06:28:31	0.750	58.6	7.8
386	2010/07/02 06:28:33	0.750	58.6	8.3
387	2010/07/02 06:28:36	0.625	60.4	8.0
388	2010/07/02 06:28:37	0.625	58.3	7.3
389	2010/07/02 06:28:40	0.625	60.5	9.8
390	2010/07/02 06:28:40	0.625	61.3	9.9
391	2010/07/02 06:28:43	0.625	58.0	9.4
392	2010/07/02 06:28:45	0.750	57.0	9.6
393	2010/07/02 06:28:49	0.625	58.7	9.4
394	2010/07/02 06:28:52	0.625	60.1	10.3
395	2010/07/02 06:28:54	1.000	60.5	9.0
396	2010/07/02 06:28:56	0.625	59.2	7.6
397	2010/07/02 06:28:58	0.625	59.2	8.9
398	2010/07/02 06:28:59	0.875	59.8	7.8
399	2010/07/02 06:29:05	0.875	59.6	9.5
400	2010/07/02 06:29:27	0.750	55.3	7.8
401	2010/07/02 06:29:46	0.875	52.8	7.1
402	2010/07/02 06:29:49	0.750	57.3	9.6
403	2010/07/02 06:30:45	0.875	54.5	6.3
404	2010/07/02 06:31:43	0.875	56.9	6.5
405	2010/07/02 06:31:58	0.875	56.3	6.3
406	2010/07/02 06:32:00	0.750	56.2	7.3
407	2010/07/02 06:33:33	0.750	58.9	8.2
408	2010/07/02 06:33:39	0.875	54.5	8.1
409	2010/07/02 06:34:02	1.000	50.5	6.1
410	2010/07/02 06:34:13	1.000	50.4	8.0
411	2010/07/02 06:34:18	0.750	51.2	7.7
412	2010/07/02 06:34:26	0.750	49.3	8.2
413	2010/07/02 06:34:29	0.875	49.0	6.6

414	2010/07/02 06:34:32	0.750	50.6	7.1
415	2010/07/02 06:34:35	0.875	49.6	7.4
416	2010/07/02 06:34:37	0.750	52.1	8.3
417	2010/07/02 06:34:40	0.875	51.2	7.2
418	2010/07/02 06:34:43	1.000	51.9	8.2
419	2010/07/02 06:34:45	0.750	53.1	7.7
420	2010/07/02 06:34:46	1.000	50.9	6.7
421	2010/07/02 06:34:47	0.875	52.5	8.5
422	2010/07/02 06:36:07	0.875	55.3	7.7
423	2010/07/02 06:36:36	0.875	51.1	7.0
424	2010/07/02 06:37:01	0.875	54.8	9.6
425	2010/07/02 06:37:02	1.000	53.8	7.9
426	2010/07/02 06:37:54	1.000	55.1	9.3
427	2010/07/02 06:38:04	0.875	55.7	7.7
428	2010/07/02 06:38:14	1.000	53.1	6.1
429	2010/07/02 06:38:19	1.000	52.0	6.8
430	2010/07/02 06:38:32	0.750	64.7	7.4
431	2010/07/02 06:38:38	1.000	62.5	7.9
432	2010/07/02 06:38:50	0.750	60.6	6.5
433	2010/07/02 06:38:52	1.000	60.2	7.6
434	2010/07/02 06:38:54	0.875	57.1	7.2
435	2010/07/02 06:39:06	0.875	63.0	6.1
436	2010/07/02 06:39:08	0.750	61.8	8.8
437	2010/07/02 06:39:11	0.750	56.6	8.2
438	2010/07/02 06:39:15	0.750	51.4	7.5
439	2010/07/02 06:39:41	0.750	55.2	8.3
440	2010/07/02 06:39:43	0.875	53.4	7.7
441	2010/07/02 06:39:49	1.000	56.2	6.2
442	2010/07/02 06:39:53	0.625	56.3	8.5
443	2010/07/02 06:39:53	0.750	57.5	8.2
444	2010/07/02 06:39:54	0.625	57.7	7.9
445	2010/07/02 06:39:55	0.625	58.2	8.0

446	2010/07/02 06:39:56	0.750	55.5	6.8
447	2010/07/02 06:39:57	0.625	57.5	7.6
448	2010/07/02 06:39:59	0.875	50.2	8.4
449	2010/07/02 06:40:01	0.750	50.5	7.5
450	2010/07/02 06:40:04	0.750	58.6	7.2
451	2010/07/02 06:40:09	0.750	56.0	7.3
452	2010/07/02 06:40:17	0.750	59.1	7.5
453	2010/07/02 06:40:24	0.750	56.2	7.6
454	2010/07/02 06:40:25	0.750	57.7	7.5
455	2010/07/02 06:40:30	0.750	57.5	8.4
456	2010/07/02 06:40:31	0.625	58.1	8.5
457	2010/07/02 06:40:32	1.000	57.8	7.0
458	2010/07/02 06:40:34	0.625	57.2	7.6
459	2010/07/02 06:40:35	0.625	57.8	8.4
460	2010/07/02 06:40:36	0.750	56.7	6.7
461	2010/07/02 06:40:37	0.750	58.2	7.1
462	2010/07/02 06:40:42	0.750	58.7	9.6
463	2010/07/02 06:40:44	0.750	54.4	7.0
464	2010/07/02 06:40:46	0.750	58.2	9.4
465	2010/07/02 06:40:52	0.750	59.4	7.5
466	2010/07/02 06:40:53	0.750	57.9	6.2
467	2010/07/02 06:40:55	0.875	58.7	9.2
468	2010/07/02 06:41:05	0.750	56.1	8.6
469	2010/07/02 06:41:51	0.750	56.2	8.8
470	2010/07/02 06:41:52	0.750	59.3	9.5
471	2010/07/02 06:42:04	1.000	61.0	10.1
472	2010/07/02 06:42:22	0.750	56.9	9.1
473	2010/07/02 06:43:41	1.000	48.3	7.0
474	2010/07/02 06:43:46	0.625	56.8	10.4
475	2010/07/02 06:43:56	0.750	53.0	7.8
476	2010/07/02 06:44:00	1.000	57.7	8.1
477	2010/07/02 06:44:03	0.875	55.8	7.6

478	2010/07/02 06:44:05	0.750	56.9	8.2
479	2010/07/02 06:44:05	1.000	56.9	8.3
480	2010/07/02 06:44:07	1.000	54.8	7.3
481	2010/07/02 06:44:09	0.750	56.3	8.0
482	2010/07/02 06:44:10	0.750	54.4	7.2
483	2010/07/02 06:44:11	0.750	54.8	7.9
484	2010/07/02 06:44:13	0.750	54.9	6.7
485	2010/07/02 06:44:18	0.875	55.1	8.2
486	2010/07/02 06:44:21	0.750	56.1	7.5
487	2010/07/02 06:44:30	0.750	58.6	8.5
488	2010/07/02 06:44:30	0.750	59.8	8.3
489	2010/07/02 06:44:57	0.750	57.5	9.0
490	2010/07/02 06:45:08	0.750	53.0	6.7
491	2010/07/02 06:45:20	0.750	50.8	8.0
492	2010/07/02 06:45:26	0.625	55.1	10.2
493	2010/07/02 06:45:55	0.750	60.9	10.7
494	2010/07/02 06:45:57	0.750	61.5	9.3
495	2010/07/02 06:46:01	0.875	62.2	9.9
496	2010/07/02 06:48:13	1.000	65.2	10.8
497	2010/07/02 06:48:29	0.750	55.3	9.5
498	2010/07/02 06:49:10	0.750	63.3	10.9
499	2010/07/02 06:49:13	1.000	58.2	7.5
500	2010/07/02 06:49:14	0.875	58.9	7.0
501	2010/07/02 06:49:40	0.875	53.8	8.5
502	2010/07/02 06:49:56	1.000	53.7	9.2
503	2010/07/02 06:49:58	0.875	52.6	9.3
504	2010/07/02 06:50:15	0.625	52.6	9.7
505	2010/07/02 06:50:24	0.750	53.1	8.7
506	2010/07/02 06:50:34	0.875	58.5	7.7
507	2010/07/02 06:50:41	0.750	52.8	9.6
508	2010/07/02 06:51:31	1.000	54.0	7.7
509	2010/07/02 06:51:56	0.750	51.8	8.4

510	2010/07/02 06:52:50	0.875	58.4	9.4
511	2010/07/02 06:53:02	0.625	56.6	9.5
512	2010/07/02 06:53:47	0.875	55.8	7.9
513	2010/07/02 06:54:03	0.875	53.2	8.3
514	2010/07/02 06:54:41	1.000	56.7	7.8
515	2010/07/02 06:54:42	1.000	56.2	7.1
516	2010/07/02 06:58:05	1.000	54.6	6.5
517	2010/07/02 06:59:11	0.875	56.5	8.6
518	2010/07/02 07:00:21	0.875	57.0	7.0
519	2010/07/02 07:00:32	1.000	56.3	8.1
520	2010/07/02 07:00:53	0.875	53.5	6.9
521	2010/07/02 07:04:00	0.750	54.3	8.5
522	2010/07/02 07:04:03	0.750	55.8	8.9
523	2010/07/02 07:04:07	1.000	54.5	7.1
524	2010/07/02 07:07:04	0.875	62.5	9.3
525	2010/07/02 07:07:31	1.000	54.7	7.1
526	2010/07/02 07:07:40	0.875	63.7	9.4
527	2010/07/02 07:07:44	0.875	53.4	6.1
528	2010/07/02 07:08:16	0.875	53.5	7.1
529	2010/07/02 07:08:20	0.625	53.7	9.3
530	2010/07/02 07:08:22	0.750	55.0	8.8
531	2010/07/02 07:08:30	0.750	52.7	8.2
532	2010/07/02 07:09:54	1.000	59.8	8.1
533	2010/07/02 07:12:50	0.750	62.1	9.2
534	2010/07/02 07:13:26	0.875	62.6	6.3
535	2010/07/02 07:13:31	0.875	62.1	6.8
536	2010/07/02 07:19:53	0.750	59.2	8.6
537	2010/07/02 07:20:43	0.750	54.5	7.5
538	2010/07/02 07:20:46	0.625	54.4	10.0
539	2010/07/02 07:20:54	0.750	56.2	7.4
540	2010/07/02 07:21:28	0.750	60.5	6.4
541	2010/07/02 07:21:43	0.750	65.1	7.4

542	2010/07/02 07:23:02	1.000	63.1	10.0
543	2010/07/02 07:23:58	0.875	62.2	9.3
544	2010/07/02 07:29:01	0.750	64.9	9.1
545	2010/07/02 07:29:42	1.000	62.0	7.1
546	2010/07/02 07:29:44	0.875	62.3	7.8
547	2010/07/02 07:30:46	0.875	61.7	9.2
548	2010/07/02 07:32:27	0.875	61.5	7.9
549	2010/07/02 07:34:01	0.625	68.0	11.0
550	2010/07/02 07:34:54	1.000	61.5	9.1
551	2010/07/02 07:37:06	1.000	63.8	7.5
552	2010/07/02 07:37:28	0.875	62.0	7.0
553	2010/07/02 07:37:32	0.750	64.9	10.4
554	2010/07/02 07:37:33	0.750	68.3	9.7
555	2010/07/02 07:37:48	1.000	67.9	8.2
556	2010/07/02 07:37:51	0.875	63.4	9.1
557	2010/07/02 07:38:49	1.000	65.9	8.6
558	2010/07/02 07:39:45	0.625	66.0	10.5
559	2010/07/02 08:09:14	0.875	63.4	8.4
560	2010/07/02 08:15:26	1.000	54.1	8.4
561	2010/07/02 08:15:48	0.750	56.3	8.7
562	2010/07/02 08:18:01	0.750	55.3	8.7
563	2010/07/02 08:34:20	0.750	65.0	10.4
564	2010/07/02 08:46:17	0.750	63.8	10.4
565	2010/07/02 08:55:10	0.875	71.9	6.3
566	2010/07/02 09:00:34	0.875	63.8	8.0
567	2010/07/02 09:02:32	0.750	65.6	9.0
568	2010/07/02 09:02:34	0.875	67.2	7.7
569	2010/07/02 09:02:49	0.875	64.7	9.4
570	2010/07/02 09:03:06	0.750	60.1	9.7
571	2010/07/02 09:03:47	0.875	55.8	7.5
572	2010/07/02 09:03:52	1.000	55.1	8.0
573	2010/07/02 09:03:55	0.875	53.7	7.0

574	2010/07/02 09:06:17	0.875	54.9	8.2
575	2010/07/02 09:06:21	0.750	57.2	8.8
576	2010/07/02 09:06:29	1.000	55.5	8.7
577	2010/07/02 09:06:33	0.875	55.1	7.6
578	2010/07/02 09:06:37	1.000	55.6	7.9
579	2010/07/02 09:06:41	0.750	57.0	8.8
580	2010/07/02 09:06:52	0.750	56.8	8.5
581	2010/07/02 09:06:54	0.875	55.4	6.7
582	2010/07/02 09:06:56	0.875	56.1	7.5
583	2010/07/02 09:07:05	0.750	59.8	8.0
584	2010/07/02 09:07:13	1.000	59.1	7.6
585	2010/07/02 09:07:50	0.750	57.5	7.3
586	2010/07/02 09:08:04	1.000	55.6	7.3
587	2010/07/02 09:08:06	0.750	57.9	7.6
588	2010/07/02 09:08:09	0.875	56.9	7.1
589	2010/07/02 09:08:38	0.875	54.8	7.6
590	2010/07/02 09:08:44	0.875	58.1	8.1
591	2010/07/02 09:08:55	0.750	56.2	7.7
592	2010/07/02 09:09:00	1.000	56.7	6.6
593	2010/07/02 09:09:13	0.625	66.1	10.7
594	2010/07/02 09:09:17	0.875	60.8	6.7
595	2010/07/02 09:10:32	1.000	53.8	8.4
596	2010/07/02 09:11:08	0.875	54.9	8.2
597	2010/07/02 09:12:13	0.750	56.5	8.2
598	2010/07/02 09:12:15	0.875	55.6	7.3
599	2010/07/02 09:12:59	0.875	57.4	7.2
600	2010/07/02 09:13:17	0.875	54.3	6.8
601	2010/07/02 09:13:19	1.000	53.9	6.9
602	2010/07/02 09:13:54	1.000	56.0	7.3
603	2010/07/02 09:14:12	0.875	55.5	7.1
604	2010/07/02 09:14:18	1.000	55.4	6.3
605	2010/07/02 09:14:22	1.000	56.7	6.7

606	2010/07/02 09:14:51	1.000	56.5	6.5
607	2010/07/02 09:21:53	0.875	54.0	8.1
608	2010/07/02 09:22:05	1.000	55.0	7.0
609	2010/07/02 09:22:19	0.875	54.0	7.2
610	2010/07/02 09:22:20	0.875	52.5	6.2
611	2010/07/02 09:22:49	1.000	53.8	6.3
612	2010/07/02 09:23:29	1.000	60.2	8.8
613	2010/07/02 09:24:31	1.000	64.1	7.4
614	2010/07/02 09:25:40	0.625	83.6	10.7
615	2010/07/02 09:29:16	1.000	56.5	7.2
616	2010/07/02 09:29:39	1.000	53.3	6.7
617	2010/07/02 09:29:51	0.875	56.1	6.9
618	2010/07/02 09:29:56	1.000	54.6	8.3
619	2010/07/02 09:30:01	0.875	53.5	9.1
620	2010/07/02 09:30:11	0.750	51.6	7.2
621	2010/07/02 09:30:12	0.750	50.9	7.6
622	2010/07/02 09:30:13	1.000	54.9	8.3
623	2010/07/02 09:35:26	0.750	56.8	8.4
624	2010/07/02 09:47:34	0.625	52.6	7.9
625	2010/07/02 09:48:10	1.000	56.4	6.6
626	2010/07/02 09:48:20	0.750	56.4	8.2
627	2010/07/02 09:48:47	0.875	54.1	7.7
628	2010/07/02 09:48:52	0.875	53.9	8.4
629	2010/07/02 09:49:01	1.000	52.0	6.2
630	2010/07/02 09:49:02	0.875	52.4	6.6
631	2010/07/02 09:49:24	0.750	56.2	6.8
632	2010/07/02 09:50:13	0.750	66.0	9.8
633	2010/07/02 09:51:07	1.000	53.0	7.7
634	2010/07/02 09:51:38	0.625	54.0	6.1
635	2010/07/02 09:51:40	0.750	53.4	7.6
636	2010/07/02 09:51:43	0.750	53.0	7.3
637	2010/07/02 09:51:44	0.750	54.5	8.1



638	2010/07/02 09:51:47	1.000	52.4	6.2
639	2010/07/02 09:51:49	0.750	51.7	6.8
640	2010/07/02 09:51:50	0.750	52.1	7.7
641	2010/07/02 09:51:51	0.750	53.7	8.3
642	2010/07/02 09:51:52	0.750	53.6	8.0
643	2010/07/02 09:51:58	0.750	53.7	7.6
644	2010/07/02 09:51:59	0.750	53.4	8.1
645	2010/07/02 09:52:00	0.750	53.0	7.7
646	2010/07/02 09:52:05	0.750	52.1	7.3
647	2010/07/02 09:52:22	0.750	59.3	9.4
648	2010/07/02 09:53:16	0.875	55.1	7.4
649	2010/07/02 09:53:28	0.750	53.2	8.5
650	2010/07/02 09:55:34	1.000	53.6	6.5
651	2010/07/02 09:56:20	0.875	55.7	6.8
652	2010/07/02 10:07:31	1.000	70.5	7.7
653	2010/07/02 10:13:52	0.750	62.2	9.1
654	2010/07/02 10:15:30	1.000	67.0	7.1
655	2010/07/02 10:16:23	0.875	69.4	8.7
656	2010/07/02 10:19:49	0.875	55.6	7.9
657	2010/07/02 10:20:12	1.000	53.6	7.8
658	2010/07/02 10:20:20	1.000	53.6	8.5
659	2010/07/02 10:21:23	1.000	59.3	7.3
660	2010/07/02 10:21:29	0.875	62.0	8.4
661	2010/07/02 10:22:44	0.750	59.5	8.9
662	2010/07/02 10:43:31	0.750	67.3	9.6
663	2010/07/02 11:11:11	0.875	63.7	8.4
664	2010/07/02 11:13:40	0.875	59.5	8.6
665	2010/07/02 11:15:50	0.750	56.2	7.6
666	2010/07/02 11:16:22	0.750	59.8	8.9
667	2010/07/02 11:16:47	1.000	58.6	8.7
668	2010/07/02 11:16:49	1.000	55.3	8.3
669	2010/07/02 11:16:57	0.875	64.3	10.4

670	2010/07/02 11:17:05	0.750	67.6	10.0
671	2010/07/02 11:17:15	1.000	62.0	11.2
672	2010/07/02 11:17:17	0.750	62.2	10.3
673	2010/07/02 11:17:20	1.000	59.4	9.0
674	2010/07/02 11:17:27	0.750	64.7	10.8
675	2010/07/02 11:17:29	0.875	63.6	9.3
676	2010/07/02 11:17:33	1.000	65.6	9.9
677	2010/07/02 11:17:35	0.875	62.3	8.7
678	2010/07/02 11:17:58	1.000	62.0	9.3
679	2010/07/02 11:18:10	0.750	63.3	10.8
680	2010/07/02 11:18:16	0.875	65.3	9.3
681	2010/07/02 11:18:26	1.000	64.9	8.9
682	2010/07/02 11:18:33	0.875	64.2	8.2
683	2010/07/02 11:18:37	0.875	53.8	7.9
684	2010/07/02 11:23:09	0.875	54.8	7.6
685	2010/07/02 11:23:29	0.750	51.2	6.1
686	2010/07/02 11:23:32	0.625	54.3	8.1
687	2010/07/02 11:23:33	0.750	53.8	7.4
688	2010/07/02 11:24:28	1.000	56.3	8.0
689	2010/07/02 11:25:04	1.000	52.8	9.0
690	2010/07/02 11:25:54	0.625	59.4	9.8
691	2010/07/02 11:26:15	1.000	53.7	7.3
692	2010/07/02 11:31:09	1.000	62.1	7.6
693	2010/07/02 11:31:10	1.000	66.6	6.7
694	2010/07/02 11:31:17	0.875	64.0	8.5
695	2010/07/02 11:32:42	0.875	63.1	7.5
696	2010/07/02 11:34:11	0.750	62.7	7.5
697	2010/07/02 11:38:54	1.000	66.5	7.1
698	2010/07/02 11:39:11	0.750	59.9	9.8
699	2010/07/02 11:39:14	0.625	60.6	9.2
700	2010/07/02 11:44:56	0.750	56.4	10.3
701	2010/07/02 11:45:57	0.875	62.5	7.2

702	2010/07/02 11:49:19	1.000	56.2	7.8
703	2010/07/02 11:55:52	0.875	65.7	8.7
704	2010/07/02 11:56:13	0.625	79.5	9.8
705	2010/07/02 11:56:13	0.625	78.8	7.3
706	2010/07/02 11:59:04	0.875	85.8	8.4
707	2010/07/02 12:00:26	0.875	68.6	7.8
708	2010/07/02 12:00:29	0.875	70.6	7.4
709	2010/07/02 12:01:45	1.000	69.0	9.1
710	2010/07/02 12:04:44	1.000	61.9	9.4
711	2010/07/02 12:06:06	0.750	60.7	11.7
712	2010/07/02 12:06:07	0.750	59.7	9.7
713	2010/07/02 12:06:14	0.875	51.8	7.9
714	2010/07/02 12:06:23	0.875	51.5	7.3
715	2010/07/02 12:06:33	0.875	54.5	7.7
716	2010/07/02 12:07:34	0.750	68.5	10.2
717	2010/07/02 12:07:35	0.625	72.1	9.1
718	2010/07/02 12:07:41	0.750	65.8	8.3
719	2010/07/02 12:07:57	0.625	66.4	12.2
720	2010/07/02 12:08:04	1.000	51.8	8.3
721	2010/07/02 12:08:33	0.750	55.5	9.3
722	2010/07/02 12:08:44	0.750	57.1	8.1
723	2010/07/02 12:08:48	0.750	55.0	7.0
724	2010/07/02 12:08:50	0.625	58.4	10.0
725	2010/07/02 12:08:55	0.625	59.6	10.4
726	2010/07/02 12:10:24	1.000	56.7	8.2
727	2010/07/02 12:10:27	0.625	74.8	11.1
728	2010/07/02 12:10:31	0.625	65.3	10.1
729	2010/07/02 12:10:32	0.875	66.6	8.7
730	2010/07/02 12:11:34	0.875	52.3	8.7
731	2010/07/02 12:11:41	0.750	55.3	9.9
732	2010/07/02 12:11:57	1.000	50.9	7.7
733	2010/07/02 12:12:01	1.000	55.6	8.3

734	2010/07/02 12:12:05	0.750	53.6	7.9
735	2010/07/02 12:12:37	0.750	53.9	9.6
736	2010/07/02 12:13:03	0.750	52.2	8.9
737	2010/07/02 12:13:06	1.000	61.2	9.4
738	2010/07/02 12:13:11	1.000	48.6	7.2
739	2010/07/02 12:13:25	0.875	49.3	7.7
740	2010/07/02 12:13:34	0.625	63.1	12.2
741	2010/07/02 12:13:37	0.750	62.0	10.5
742	2010/07/02 12:13:41	1.000	49.3	8.8
743	2010/07/02 12:14:11	0.875	49.4	7.5
744	2010/07/02 12:15:39	1.000	52.9	7.6
745	2010/07/02 12:16:49	0.750	54.3	8.9
746	2010/07/02 12:17:29	0.750	53.5	8.0
747	2010/07/02 12:17:30	0.875	54.1	6.1
748	2010/07/02 12:17:37	0.750	54.6	7.0
749	2010/07/02 12:17:55	1.000	53.5	7.2
750	2010/07/02 12:19:29	0.875	64.2	10.6
751	2010/07/02 12:22:57	1.000	58.4	7.1
752	2010/07/02 12:24:08	0.750	55.9	7.5
753	2010/07/02 12:24:20	0.750	57.2	8.1
754	2010/07/02 12:24:22	0.875	55.0	6.4
755	2010/07/02 12:24:28	0.875	57.1	8.0
756	2010/07/02 12:24:31	0.875	57.5	8.0
757	2010/07/02 12:24:34	0.875	56.7	7.2
758	2010/07/02 12:24:41	1.000	58.9	8.1
759	2010/07/02 12:24:44	0.750	59.4	8.4
760	2010/07/02 12:25:28	0.750	58.3	8.2
761	2010/07/02 12:25:29	0.875	56.8	8.0
762	2010/07/02 12:26:11	0.750	78.2	10.3
763	2010/07/02 12:26:12	0.750	75.7	7.8
764	2010/07/02 12:26:37	1.000	61.0	6.7
765	2010/07/02 12:27:12	0.750	74.7	10.1

766	2010/07/02 12:27:35	0.875	59.3	8.0
767	2010/07/02 12:28:13	0.750	55.8	8.9
768	2010/07/02 12:28:14	0.625	68.7	10.6
769	2010/07/02 12:28:44	0.750	62.0	10.8
770	2010/07/02 12:29:22	0.625	55.2	10.1
771	2010/07/02 12:29:26	1.000	51.1	7.3
772	2010/07/02 12:29:49	0.750	59.9	10.4
773	2010/07/02 12:30:43	0.750	60.4	8.9
774	2010/07/02 12:31:12	1.000	54.9	10.5
775	2010/07/02 12:31:15	1.000	53.7	6.9
776	2010/07/02 12:32:09	0.750	55.6	9.4
777	2010/07/02 12:32:10	0.750	54.5	7.8
778	2010/07/02 12:32:12	1.000	50.9	9.1
779	2010/07/02 12:32:27	0.750	50.7	8.4
780	2010/07/02 12:32:58	1.000	53.4	7.9
781	2010/07/02 12:33:00	0.875	55.4	8.2
782	2010/07/02 12:33:10	1.000	53.4	7.8
783	2010/07/02 12:33:14	0.625	56.7	9.9
784	2010/07/02 12:33:20	1.000	51.6	7.5
785	2010/07/02 12:33:56	1.000	53.3	7.6
786	2010/07/02 12:34:01	0.875	54.6	7.5
787	2010/07/02 12:35:39	0.875	53.9	9.1
788	2010/07/02 12:35:42	0.875	52.3	7.7
789	2010/07/02 12:35:46	1.000	53.7	7.5
790	2010/07/02 12:35:58	0.875	52.9	8.2
791	2010/07/02 12:36:01	0.750	55.0	9.6
792	2010/07/02 12:37:45	0.750	58.7	6.8
793	2010/07/02 12:38:02	0.875	57.9	7.0
794	2010/07/02 12:40:47	0.875	55.7	6.3
795	2010/07/02 12:41:45	1.000	54.5	6.1
796	2010/07/02 12:41:53	0.875	53.9	6.2
797	2010/07/02 12:43:26	0.625	63.1	11.7

798	2010/07/02 12:43:29	0.750	54.5	9.6
799	2010/07/02 12:43:32	0.875	53.0	8.2
800	2010/07/02 12:43:34	1.000	54.2	8.9
801	2010/07/02 12:43:59	0.875	60.3	6.6
802	2010/07/02 12:44:01	0.750	68.3	9.0
803	2010/07/02 12:46:41	1.000	52.5	7.7
804	2010/07/02 12:46:50	0.750	53.1	9.4
805	2010/07/02 12:46:56	0.750	51.6	8.5
806	2010/07/02 12:47:10	0.875	54.8	8.4
807	2010/07/02 12:47:21	1.000	54.6	7.9
808	2010/07/02 12:48:50	0.875	53.6	7.9
809	2010/07/02 12:51:45	0.750	54.3	8.9
810	2010/07/02 12:51:46	0.875	52.3	7.5
811	2010/07/02 12:52:44	1.000	54.9	8.7
812	2010/07/02 12:52:54	0.875	59.9	9.2
813	2010/07/02 12:52:56	0.875	59.2	8.4
814	2010/07/02 12:54:37	1.000	54.9	7.6
815	2010/07/02 12:55:41	1.000	52.1	7.2
816	2010/07/02 12:56:04	0.875	53.5	8.1
817	2010/07/02 12:57:56	0.750	53.7	7.5
818	2010/07/02 12:58:00	0.750	54.4	6.7
819	2010/07/02 12:58:13	1.000	53.2	6.8
820	2010/07/02 12:58:19	0.750	56.1	7.9
821	2010/07/02 12:58:21	1.000	53.2	6.7
822	2010/07/02 12:58:22	0.625	54.3	7.5
823	2010/07/02 12:58:23	0.750	53.8	8.5
824	2010/07/02 12:58:35	0.750	53.5	8.1
825	2010/07/02 12:58:39	0.750	53.1	6.6
826	2010/07/02 12:58:45	0.750	53.9	7.3
827	2010/07/02 12:58:49	1.000	52.2	8.1
828	2010/07/02 12:58:50	0.750	56.4	8.5
829	2010/07/02 12:58:54	0.750	53.9	7.7

830	2010/07/02 12:59:04	0.750	54.1	8.1
831	2010/07/02 12:59:15	0.750	65.2	10.2
832	2010/07/02 12:59:25	1.000	52.0	7.6
833	2010/07/02 12:59:27	1.000	52.6	9.2
834	2010/07/02 12:59:36	0.750	52.5	7.6
835	2010/07/02 13:00:02	0.750	51.8	7.6
836	2010/07/02 13:00:08	1.000	54.2	8.9
837	2010/07/02 13:00:11	0.750	53.6	8.7
838	2010/07/02 13:00:14	0.625	57.6	11.2
839	2010/07/02 13:01:12	0.750	53.6	9.2
840	2010/07/02 13:01:18	0.750	56.3	8.0
841	2010/07/02 13:01:39	0.750	59.3	8.8
842	2010/07/02 13:02:11	0.875	54.6	8.4
843	2010/07/02 13:03:09	0.750	53.2	7.8
844	2010/07/02 13:03:50	0.875	58.4	8.3
845	2010/07/02 13:03:59	0.875	63.3	8.1
846	2010/07/02 13:13:54	1.000	64.1	7.4
847	2010/07/02 13:30:23	0.875	72.0	10.1
848	2010/07/02 13:31:12	0.750	68.7	9.9
849	2010/07/02 13:45:46	1.000	66.3	6.4
850	2010/07/02 13:45:55	1.000	66.4	7.6
851	2010/07/02 13:47:19	1.000	58.9	7.2
852	2010/07/02 13:49:08	0.750	61.3	7.8
853	2010/07/02 13:49:32	0.625	70.0	10.8
854	2010/07/02 13:49:59	0.625	66.4	10.2
855	2010/07/02 13:50:17	0.625	69.9	11.5
856	2010/07/02 14:12:07	0.750	59.7	9.5
857	2010/07/02 14:14:36	0.750	64.7	11.7
858	2010/07/02 14:14:56	0.625	69.2	10.9
859	2010/07/02 14:15:47	0.750	68.6	10.9
860	2010/07/02 14:16:35	0.875	58.3	7.9
861	2010/07/02 14:17:28	0.750	64.4	9.7

862	2010/07/02 14:17:37	0.625	68.5	10.5
863	2010/07/02 14:28:04	0.875	72.3	9.1
864	2010/07/02 14:29:08	1.000	61.9	10.2
865	2010/07/02 14:30:12	0.750	70.4	9.7
866	2010/07/02 14:31:24	0.875	66.2	9.1
867	2010/07/02 14:35:25	0.875	62.0	8.8
868	2010/07/02 14:38:06	1.000	65.4	10.5
869	2010/07/02 14:38:22	0.625	62.9	10.2
870	2010/07/02 14:38:53	1.000	65.1	9.0
871	2010/07/02 14:38:55	0.750	66.9	9.6
872	2010/07/02 14:39:28	0.625	62.2	7.2
873	2010/07/02 14:39:29	0.750	61.7	7.2
874	2010/07/02 14:39:30	0.875	62.4	8.2
875	2010/07/02 14:39:34	0.750	68.4	10.4
876	2010/07/02 14:39:41	0.750	66.1	9.8
877	2010/07/02 14:40:25	0.750	68.7	10.0
878	2010/07/02 14:42:29	1.000	62.5	7.3
879	2010/07/02 14:44:24	0.875	67.7	9.2
880	2010/07/02 14:45:08	0.750	72.1	9.1
881	2010/07/02 14:52:10	1.000	67.5	8.7
882	2010/07/02 14:56:18	1.000	61.2	8.6
883	2010/07/02 14:58:43	0.750	58.4	10.3
884	2010/07/02 15:00:35	0.750	67.4	9.4
885	2010/07/02 15:05:02	0.750	65.2	8.9
886	2010/07/02 15:06:48	0.750	70.3	9.7
887	2010/07/02 15:13:53	0.625	69.0	10.2
888	2010/07/02 15:14:09	0.875	70.0	8.4
889	2010/07/02 15:15:32	0.875	53.3	7.6
890	2010/07/02 15:15:54	0.875	67.4	9.1
891	2010/07/02 15:16:03	0.875	53.7	7.8
892	2010/07/02 15:17:32	0.875	61.8	10.7
893	2010/07/02 15:17:53	1.000	55.6	6.4



894	2010/07/02 15:20:03	0.875	52.6	9.3
895	2010/07/02 15:20:09	0.750	53.4	8.2
896	2010/07/02 15:20:12	1.000	50.9	6.5
897	2010/07/02 15:20:15	1.000	59.2	10.0
898	2010/07/02 15:20:27	0.750	54.1	6.6
899	2010/07/02 15:20:28	0.875	55.8	6.2
900	2010/07/02 15:20:29	0.750	53.1	6.4
901	2010/07/02 15:20:30	0.875	54.3	6.2
902	2010/07/02 15:20:31	1.000	53.4	6.8
903	2010/07/02 15:20:35	0.875	52.7	6.2
904	2010/07/02 15:20:36	0.750	54.6	7.6
905	2010/07/02 15:20:44	0.750	56.4	8.6
906	2010/07/02 15:20:44	0.875	53.2	7.1
907	2010/07/02 15:20:45	1.000	55.9	6.3
908	2010/07/02 15:20:46	0.750	55.1	6.3
909	2010/07/02 15:20:47	1.000	54.7	6.6
910	2010/07/02 15:20:57	0.875	53.0	6.2
911	2010/07/02 15:21:35	1.000	53.2	6.6
912	2010/07/02 15:21:53	1.000	55.7	7.1
913	2010/07/02 15:21:55	1.000	56.0	6.1
914	2010/07/02 15:22:00	0.750	55.6	6.1
915	2010/07/02 15:22:05	0.875	53.4	6.6
916	2010/07/02 15:22:11	0.875	53.0	6.2
917	2010/07/02 15:22:20	0.875	53.8	6.9
918	2010/07/02 15:22:47	1.000	55.3	7.2
919	2010/07/02 15:29:02	1.000	57.9	8.7
920	2010/07/02 15:33:22	1.000	56.9	7.9
921	2010/07/02 15:33:33	0.875	64.6	9.1
922	2010/07/02 15:39:55	1.000	56.2	8.7
923	2010/07/02 15:42:10	1.000	55.8	6.9
924	2010/07/02 15:44:32	0.750	55.0	7.8
925	2010/07/02 15:44:37	1.000	53.8	8.1

926	2010/07/02 15:45:26	1.000	50.8	7.6
927	2010/07/02 15:45:28	0.875	52.0	7.4
928	2010/07/02 15:45:40	0.750	53.3	8.2
929	2010/07/02 15:45:46	0.750	53.4	8.2
930	2010/07/02 15:45:52	0.875	52.4	7.4
931	2010/07/02 15:46:15	0.750	52.5	7.4
932	2010/07/02 15:46:58	0.750	52.9	8.7
933	2010/07/02 15:47:04	0.750	52.0	8.0
934	2010/07/02 15:47:04	0.750	52.8	7.4
935	2010/07/02 15:47:09	0.750	52.9	8.1
936	2010/07/02 15:47:16	0.750	56.6	9.6
937	2010/07/02 15:47:31	0.875	49.5	7.1
938	2010/07/02 15:51:24	0.875	53.3	9.5
939	2010/07/02 15:53:25	0.875	58.4	6.8
940	2010/07/02 15:55:16	0.875	52.7	8.0
941	2010/07/02 15:55:32	1.000	55.7	7.6
942	2010/07/02 15:55:51	0.875	59.2	7.8
943	2010/07/02 15:55:59	0.750	55.5	6.5
944	2010/07/02 15:56:00	0.875	56.1	6.6
945	2010/07/02 15:56:02	0.750	56.5	8.1
946	2010/07/02 15:56:03	0.750	55.2	7.0
947	2010/07/02 15:56:06	1.000	55.9	7.9
948	2010/07/02 15:56:19	0.875	54.6	8.1
949	2010/07/02 15:56:22	0.875	55.5	7.7
950	2010/07/02 15:56:33	0.750	56.6	8.6
951	2010/07/02 15:56:46	0.750	53.2	8.0
952	2010/07/02 15:57:15	0.875	54.0	8.3
953	2010/07/02 15:57:45	1.000	56.3	8.2
954	2010/07/02 15:57:49	1.000	54.6	8.8
955	2010/07/02 15:57:53	0.625	55.5	9.1
956	2010/07/02 15:58:54	0.750	53.7	7.2
957	2010/07/02 15:58:59	0.875	58.2	7.7

958	2010/07/02 15:59:11	1.000	52.8	8.2
959	2010/07/02 15:59:14	0.625	58.6	7.7
960	2010/07/02 15:59:15	0.750	54.1	7.1
961	2010/07/02 15:59:20	1.000	58.0	6.5
962	2010/07/02 15:59:23	1.000	57.7	8.5
963	2010/07/02 16:00:10	0.875	56.2	8.9
964	2010/07/02 16:00:34	0.875	51.5	7.7
965	2010/07/02 16:00:55	1.000	55.0	8.5
966	2010/07/02 16:00:57	0.875	56.7	8.6
967	2010/07/02 16:02:21	0.875	53.3	7.4
968	2010/07/02 16:02:27	1.000	56.6	7.3
969	2010/07/02 16:02:28	1.000	55.5	6.8
970	2010/07/02 16:02:31	0.875	55.0	6.9
971	2010/07/02 16:02:36	0.875	55.1	6.6
972	2010/07/02 16:02:40	0.750	56.6	7.9
973	2010/07/02 16:02:43	0.875	54.5	6.4
974	2010/07/02 16:02:44	0.875	55.5	6.2
975	2010/07/02 16:02:48	0.750	58.4	8.7
976	2010/07/02 16:03:04	1.000	56.0	8.2
977	2010/07/02 16:03:10	0.875	54.2	6.5
978	2010/07/02 16:03:13	0.875	53.0	7.4
979	2010/07/02 16:03:22	0.750	54.6	7.2
980	2010/07/02 16:03:24	0.875	53.3	7.0
981	2010/07/02 16:03:34	1.000	55.9	7.2
982	2010/07/02 16:03:36	0.875	56.9	7.9
983	2010/07/02 16:04:39	0.625	71.9	11.9
984	2010/07/02 16:05:09	0.875	57.0	8.5
985	2010/07/02 16:06:29	1.000	54.6	7.6
986	2010/07/02 16:07:28	1.000	57.3	8.0
987	2010/07/02 16:08:35	1.000	53.1	6.8
988	2010/07/02 16:09:33	0.875	51.9	8.5
989	2010/07/02 16:09:39	0.750	56.2	10.0

990	2010/07/02 16:10:04	0.750	55.6	8.1
991	2010/07/02 16:10:59	0.875	56.3	7.9
992	2010/07/02 16:11:38	1.000	57.4	6.9
993	2010/07/02 16:12:51	0.875	58.3	9.1
994	2010/07/02 16:13:08	0.875	52.2	6.5
995	2010/07/02 16:13:14	0.875	57.1	7.9
996	2010/07/02 16:13:31	1.000	58.2	9.5
997	2010/07/02 16:14:34	0.750	54.6	8.2
998	2010/07/02 16:14:55	0.750	51.7	8.3
999	2010/07/02 16:16:58	0.875	57.1	8.2
1000	2010/07/02 16:20:42	1.000	53.9	7.6
1001	2010/07/02 16:20:57	1.000	56.9	8.7
1002	2010/07/02 16:21:26	1.000	54.0	7.6
1003	2010/07/02 16:21:27	0.875	55.2	7.5
1004	2010/07/02 16:21:44	1.000	55.3	6.5
1005	2010/07/02 16:22:05	1.000	53.9	8.0
1006	2010/07/02 16:22:07	1.000	54.1	8.4
1007	2010/07/02 16:22:17	0.875	56.8	8.0
1008	2010/07/02 16:22:19	0.750	56.7	7.5
1009	2010/07/02 16:22:21	0.875	54.8	6.1
1010	2010/07/02 16:22:24	0.750	60.1	8.3
1011	2010/07/02 16:22:48	0.750	56.1	7.8
1012	2010/07/02 16:22:55	0.750	57.1	8.4
1013	2010/07/02 16:23:13	0.625	61.2	10.1
1014	2010/07/02 16:26:11	0.875	57.4	7.1
1015	2010/07/02 16:33:41	0.625	63.4	11.8
1016	2010/07/02 16:34:37	0.625	59.7	9.8
1017	2010/07/02 16:35:14	0.875	56.1	7.5
1018	2010/07/02 16:35:27	0.750	58.1	9.1
1019	2010/07/02 16:37:27	0.750	59.8	8.0
1020	2010/07/02 16:37:50	0.750	57.7	7.7
1021	2010/07/02 16:41:00	1.000	57.9	7.1

1022	2010/07/02 16:42:35	0.750	55.2	7.9
1023	2010/07/02 16:42:56	0.875	54.8	7.8
1024	2010/07/02 16:43:06	0.875	52.0	7.7
1025	2010/07/02 16:43:46	1.000	54.1	6.3
1026	2010/07/02 16:47:21	0.750	56.5	8.4
1027	2010/07/02 16:47:33	0.875	52.4	7.9
1028	2010/07/02 16:47:40	1.000	54.1	7.0
1029	2010/07/02 16:48:23	0.875	53.3	7.1
1030	2010/07/02 16:48:26	0.875	52.6	7.6
1031	2010/07/02 16:48:29	0.625	53.1	9.1
1032	2010/07/02 16:48:30	1.000	49.7	8.1
1033	2010/07/02 16:48:31	0.875	51.3	7.9
1034	2010/07/02 16:48:32	0.750	51.9	8.3
1035	2010/07/02 16:48:33	0.750	50.0	7.2
1036	2010/07/02 16:48:35	0.750	50.5	8.3
1037	2010/07/02 16:48:36	0.750	53.1	9.1
1038	2010/07/02 16:48:43	0.750	52.7	8.0
1039	2010/07/02 16:49:32	1.000	61.6	8.5
1040	2010/07/02 16:50:57	1.000	67.1	8.6
1041	2010/07/02 16:52:21	0.750	56.3	9.5
1042	2010/07/02 16:52:36	0.875	57.8	7.0
1043	2010/07/02 16:54:02	1.000	59.3	8.5
1044	2010/07/02 16:54:12	0.875	55.6	6.9
1045	2010/07/02 16:54:18	0.875	55.2	8.4
1046	2010/07/02 16:55:37	1.000	59.8	7.8
1047	2010/07/02 16:56:29	0.625	57.1	11.0
1048	2010/07/02 16:57:16	0.750	60.0	10.6
1049	2010/07/02 16:57:28	0.875	59.4	9.4
1050	2010/07/02 17:00:08	1.000	52.9	8.4
1051	2010/07/02 17:02:02	1.000	56.6	8.3
1052	2010/07/02 17:02:55	1.000	58.4	9.8
1053	2010/07/02 17:02:57	0.750	55.6	7.6

1054	2010/07/02 17:03:01	0.750	61.0	9.4
1055	2010/07/02 17:03:30	0.625	58.1	11.4
1056	2010/07/02 17:04:24	0.875	56.5	9.0
1057	2010/07/02 17:06:19	0.875	56.1	8.5
1058	2010/07/02 17:06:22	0.875	57.9	7.4
1059	2010/07/02 17:06:24	0.875	57.3	7.8
1060	2010/07/02 17:06:29	1.000	60.8	8.5
1061	2010/07/02 17:06:43	0.750	56.1	9.3
1062	2010/07/02 17:07:10	0.875	54.8	6.3
1063	2010/07/02 17:07:37	1.000	54.2	7.8
1064	2010/07/02 17:08:24	0.750	55.1	6.6
1065	2010/07/02 17:08:27	1.000	55.6	6.6
1066	2010/07/02 17:09:23	0.875	64.8	7.7
1067	2010/07/02 17:10:04	0.750	59.3	6.6
1068	2010/07/02 17:10:08	0.750	60.5	7.8
1069	2010/07/02 17:10:09	1.000	59.1	7.0
1070	2010/07/02 17:10:11	0.875	56.5	6.7
1071	2010/07/02 17:10:13	0.625	58.8	8.3
1072	2010/07/02 17:10:15	0.625	59.9	8.5
1073	2010/07/02 17:10:16	1.000	58.6	7.5
1074	2010/07/02 17:10:17	0.750	59.4	8.4
1075	2010/07/02 17:10:21	0.875	58.4	7.1
1076	2010/07/02 17:10:22	0.750	58.2	7.5
1077	2010/07/02 17:10:25	0.625	59.7	8.5
1078	2010/07/02 17:10:27	0.750	59.7	8.3
1079	2010/07/02 17:10:28	0.750	58.2	7.5
1080	2010/07/02 17:10:30	0.625	59.2	9.6
1081	2010/07/02 17:10:32	0.750	59.5	9.5
1082	2010/07/02 17:10:33	1.000	59.5	7.9
1083	2010/07/02 17:10:34	1.000	59.1	6.6
1084	2010/07/02 17:10:36	0.625	59.3	8.3
1085	2010/07/02 17:10:43	1.000	60.5	7.9

1086	2010/07/02 17:10:45	0.750	59.5	8.1
1087	2010/07/02 17:10:50	0.625	59.4	7.7
1088	2010/07/02 17:10:54	0.625	59.8	8.2
1089	2010/07/02 17:10:55	0.750	56.8	7.7
1090	2010/07/02 17:10:59	0.750	57.9	8.3
1091	2010/07/02 17:11:11	0.750	56.9	8.2
1092	2010/07/02 17:11:13	0.750	60.0	8.8
1093	2010/07/02 17:11:16	0.750	59.4	8.9
1094	2010/07/02 17:11:18	0.750	60.6	10.5
1095	2010/07/02 17:11:19	0.750	59.4	8.0
1096	2010/07/02 17:11:20	0.750	59.8	8.2
1097	2010/07/02 17:11:27	0.625	58.4	9.6
1098	2010/07/02 17:11:33	0.875	53.2	7.0
1099	2010/07/02 17:12:58	0.875	55.3	7.5
1100	2010/07/02 17:13:11	0.750	54.6	7.3
1101	2010/07/02 17:13:17	0.625	57.2	8.0
1102	2010/07/02 17:13:21	1.000	58.3	7.7
1103	2010/07/02 17:13:31	0.750	56.5	6.2
1104	2010/07/02 17:13:33	0.750	56.3	7.6
1105	2010/07/02 17:14:03	0.875	55.4	8.0
1106	2010/07/02 17:14:23	1.000	53.2	6.9
1107	2010/07/02 17:14:46	1.000	59.3	6.5
1108	2010/07/02 17:17:40	0.875	52.9	7.6
1109	2010/07/02 17:18:08	1.000	55.5	8.0
1110	2010/07/02 17:19:09	1.000	61.5	7.9
1111	2010/07/02 17:19:22	0.750	62.9	10.0
1112	2010/07/02 17:21:12	1.000	54.0	6.1
1113	2010/07/02 17:21:22	0.750	54.8	8.1
1114	2010/07/02 17:23:12	0.875	52.6	6.3
1115	2010/07/02 17:23:17	0.750	50.8	7.3
1116	2010/07/02 17:27:10	0.875	54.5	6.1
1117	2010/07/02 17:27:38	0.875	53.8	6.3

1118	2010/07/02 17:29:03	0.750	54.6	8.2
1119	2010/07/02 17:32:07	0.750	71.4	10.9
1120	2010/07/02 17:36:14	1.000	58.3	6.9
1121	2010/07/02 17:36:50	0.625	76.1	12.3
1122	2010/07/02 17:38:34	0.750	63.0	10.3
1123	2010/07/02 17:38:39	0.625	63.4	8.2
1124	2010/07/02 17:39:42	0.875	56.9	7.6
1125	2010/07/02 17:39:46	1.000	56.9	7.5
1126	2010/07/02 17:39:59	0.750	54.5	7.9
1127	2010/07/02 17:40:33	0.750	62.5	11.0
1128	2010/07/02 17:40:42	0.750	60.4	8.4
1129	2010/07/02 17:41:11	1.000	60.3	7.0
1130	2010/07/02 17:44:50	0.500	65.3	12.4
1131	2010/07/02 17:48:39	1.000	56.6	7.4
1132	2010/07/02 17:49:24	0.750	74.6	9.3
1133	2010/07/02 17:49:49	0.875	62.8	7.9
1134	2010/07/02 17:53:10	0.625	79.1	10.9
1135	2010/07/02 17:53:12	1.000	74.7	8.4
1136	2010/07/02 17:53:25	0.875	70.8	8.5
1137	2010/07/02 17:53:26	1.000	60.1	8.0
1138	2010/07/02 17:53:57	0.750	67.2	10.6
1139	2010/07/02 17:55:25	0.625	67.9	9.7
1140	2010/07/02 17:55:28	0.750	66.2	9.1
1141	2010/07/02 17:58:27	1.000	54.3	6.7
1142	2010/07/02 17:58:53	0.625	73.2	11.2
1143	2010/07/02 17:59:00	1.000	62.2	6.9
1144	2010/07/02 18:02:18	0.625	59.6	8.9
1145	2010/07/02 18:03:30	0.750	59.4	7.5
1146	2010/07/02 18:04:00	0.875	51.8	7.0
1147	2010/07/02 18:04:08	0.875	53.2	7.2
1148	2010/07/02 18:04:24	0.875	57.6	7.7
1149	2010/07/02 18:04:26	1.000	54.6	7.1



1150	2010/07/02 18:05:40	0.750	61.4	10.4
1151	2010/07/02 18:06:53	0.750	55.1	9.6
1152	2010/07/02 18:07:22	0.625	65.7	12.0
1153	2010/07/02 18:07:55	0.625	69.9	11.9
1154	2010/07/02 18:07:56	0.625	65.2	10.9
1155	2010/07/02 18:08:13	0.625	68.8	12.0
1156	2010/07/02 18:08:14	0.625	74.2	11.2
1157	2010/07/02 18:09:22	0.875	55.4	7.9
1158	2010/07/02 18:11:19	0.875	58.9	10.5
1159	2010/07/02 18:11:23	0.875	65.3	8.7
1160	2010/07/02 18:11:32	0.625	58.9	10.1
1161	2010/07/02 18:11:54	0.875	61.8	6.9
1162	2010/07/02 18:14:02	0.625	57.8	8.5
1163	2010/07/02 18:14:36	0.875	53.5	9.6
1164	2010/07/02 18:14:42	1.000	56.8	10.3
1165	2010/07/02 18:14:54	0.875	63.2	7.7
1166	2010/07/02 18:14:57	0.875	63.8	7.4
1167	2010/07/02 18:15:02	1.000	64.8	7.7
1168	2010/07/02 18:16:39	1.000	63.8	8.8
1169	2010/07/02 18:18:32	0.875	61.0	10.7
1170	2010/07/02 18:18:33	1.000	68.8	10.1
1171	2010/07/02 18:19:06	0.875	70.0	9.4
1172	2010/07/02 18:19:18	0.750	64.2	9.5
1173	2010/07/02 18:20:50	1.000	55.5	6.5
1174	2010/07/02 18:21:02	0.875	55.2	7.9
1175	2010/07/02 18:21:03	0.875	54.6	7.6
1176	2010/07/02 18:21:59	0.875	52.1	7.4
1177	2010/07/02 18:23:00	0.750	61.7	7.9
1178	2010/07/02 18:24:25	1.000	52.8	8.3
1179	2010/07/02 18:24:26	0.875	53.9	7.6
1180	2010/07/02 18:24:27	0.750	59.2	9.5
1181	2010/07/02 18:24:30	1.000	57.9	7.5

1182	2010/07/02 18:25:28	0.875	59.2	8.4
1183	2010/07/02 18:29:53	1.000	55.0	8.2
1184	2010/07/02 18:31:05	0.750	54.3	8.8
1185	2010/07/02 18:31:33	0.750	60.2	10.2
1186	2010/07/02 18:35:25	1.000	59.7	8.4
1187	2010/07/02 18:36:00	1.000	56.0	9.1
1188	2010/07/02 18:36:18	1.000	71.9	7.6
1189	2010/07/02 18:36:25	0.750	64.7	8.9
1190	2010/07/02 18:38:20	0.750	69.2	8.9
1191	2010/07/02 18:38:28	0.750	71.7	9.2
1192	2010/07/02 18:40:28	0.875	53.6	8.5
1193	2010/07/02 18:44:01	0.750	49.9	8.4
1194	2010/07/02 18:44:26	0.875	52.1	8.0
1195	2010/07/02 18:44:28	1.000	52.5	8.2
1196	2010/07/02 18:44:30	0.750	53.4	8.4
1197	2010/07/02 18:45:01	0.750	54.4	7.1
1198	2010/07/02 18:46:35	0.875	65.0	8.6
1199	2010/07/02 18:47:19	1.000	52.7	8.3
1200	2010/07/02 18:48:24	0.875	69.1	9.5
1201	2010/07/02 18:48:38	1.000	54.1	9.9
1202	2010/07/02 18:49:08	0.750	52.6	8.6
1203	2010/07/02 18:49:10	0.750	52.6	8.3
1204	2010/07/02 18:49:16	0.750	56.8	8.7
1205	2010/07/02 18:49:19	0.875	53.4	8.3
1206	2010/07/02 18:49:22	0.750	55.0	10.1
1207	2010/07/02 18:49:47	0.875	53.4	7.1
1208	2010/07/02 18:50:39	1.000	62.9	7.6
1209	2010/07/02 18:51:37	0.750	52.9	8.1
1210	2010/07/02 18:51:45	0.875	54.2	7.9
1211	2010/07/02 18:51:48	1.000	52.5	8.5
1212	2010/07/02 18:51:52	0.750	56.2	9.5
1213	2010/07/02 18:51:57	0.875	55.0	6.8

1214	2010/07/02 18:52:19	0.750	59.3	8.6
1215	2010/07/02 18:53:09	0.625	58.9	9.8
1216	2010/07/02 18:54:06	0.875	54.8	8.2
1217	2010/07/02 18:54:51	0.875	53.0	7.5
1218	2010/07/02 18:54:53	0.750	55.2	9.8
1219	2010/07/02 18:55:03	0.625	57.2	9.6
1220	2010/07/02 18:55:09	1.000	56.3	7.9
1221	2010/07/02 18:58:39	0.625	59.1	10.3
1222	2010/07/02 18:58:43	0.625	63.3	9.9
1223	2010/07/02 18:59:08	0.625	66.2	10.0
1224	2010/07/02 18:59:11	1.000	61.2	7.8
1225	2010/07/02 18:59:14	0.875	60.9	8.2
1226	2010/07/02 18:59:23	1.000	61.1	8.1
1227	2010/07/02 18:59:24	0.750	62.5	8.1
1228	2010/07/02 18:59:30	1.000	63.6	8.4
1229	2010/07/02 18:59:49	0.875	63.1	6.6
1230	2010/07/02 19:00:30	0.750	61.8	7.6
1231	2010/07/02 19:01:42	0.750	64.0	10.0
1232	2010/07/02 19:02:04	1.000	52.6	8.1
1233	2010/07/02 19:02:45	0.875	58.2	8.7
1234	2010/07/02 19:03:38	0.750	53.5	7.8
1235	2010/07/02 19:03:43	0.875	54.2	7.0
1236	2010/07/02 19:03:52	0.750	51.4	9.3
1237	2010/07/02 19:04:03	0.750	54.0	8.4
1238	2010/07/02 19:04:38	1.000	53.0	8.0
1239	2010/07/02 19:04:42	0.875	51.7	6.3
1240	2010/07/02 19:05:06	0.875	52.9	6.9
1241	2010/07/02 19:05:57	0.625	59.6	10.9
1242	2010/07/02 19:06:08	0.875	54.0	7.4
1243	2010/07/02 19:06:10	0.750	53.3	6.9
1244	2010/07/02 19:06:28	0.875	58.8	9.5
1245	2010/07/02 19:07:44	0.875	54.1	7.9

1246	2010/07/02 19:07:56	0.750	55.7	7.9
1247	2010/07/02 19:08:55	1.000	53.0	7.6
1248	2010/07/02 19:08:57	1.000	55.6	7.5
1249	2010/07/02 19:09:01	0.750	54.2	8.2
1250	2010/07/02 19:09:08	0.875	53.6	6.8
1251	2010/07/02 19:09:16	0.750	55.8	8.2
1252	2010/07/02 19:09:24	0.750	54.0	7.1
1253	2010/07/02 19:09:25	0.625	57.4	8.6
1254	2010/07/02 19:09:27	0.625	58.8	9.8
1255	2010/07/02 19:09:29	0.625	57.7	7.9
1256	2010/07/02 19:09:34	0.625	65.6	10.6
1257	2010/07/02 19:11:10	0.750	60.0	9.7
1258	2010/07/02 19:11:27	0.875	68.7	8.2
1259	2010/07/02 19:14:36	0.750	62.4	7.0
1260	2010/07/02 19:14:42	0.875	61.5	6.5
1261	2010/07/02 19:15:00	0.750	66.2	9.3
1262	2010/07/02 19:15:04	0.750	67.0	7.4
1263	2010/07/02 19:15:13	0.750	66.2	6.1
1264	2010/07/02 19:18:29	0.750	61.6	10.4
1265	2010/07/02 19:19:08	0.875	67.2	7.7
1266	2010/07/02 19:20:16	0.875	57.6	8.0
1267	2010/07/02 19:20:23	0.875	52.0	8.4
1268	2010/07/02 19:20:29	0.750	54.6	9.4
1269	2010/07/02 19:22:01	0.750	51.4	6.2
1270	2010/07/02 19:22:03	1.000	52.2	7.9
1271	2010/07/02 19:22:37	0.875	54.1	6.7
1272	2010/07/02 19:25:50	0.750	58.2	6.3
1273	2010/07/02 19:26:11	0.625	59.4	9.9
1274	2010/07/02 19:26:47	0.750	52.8	6.7
1275	2010/07/02 19:27:04	1.000	53.2	7.0
1276	2010/07/02 19:27:31	0.750	55.3	8.8
1277	2010/07/02 19:28:36	0.625	59.7	10.1

1278	2010/07/02 19:30:47	0.875	60.2	8.2
1279	2010/07/02 19:31:13	1.000	64.4	6.8
1280	2010/07/02 19:32:31	0.875	58.8	9.6
1281	2010/07/02 19:34:37	0.875	64.5	10.8
1282	2010/07/02 19:34:42	0.625	58.4	9.3
1283	2010/07/02 19:35:47	0.875	53.4	7.1
1284	2010/07/02 19:36:43	0.875	53.4	6.8
1285	2010/07/02 19:36:46	1.000	56.2	8.5
1286	2010/07/02 19:36:47	0.750	52.2	7.1
1287	2010/07/02 19:37:11	0.750	58.1	9.2
1288	2010/07/02 19:37:53	1.000	61.4	10.2
1289	2010/07/02 19:39:54	1.000	54.4	8.3
1290	2010/07/02 19:39:57	0.750	54.4	8.5
1291	2010/07/02 19:40:03	0.750	60.1	10.8
1292	2010/07/02 19:41:03	1.000	55.8	7.4
1293	2010/07/02 19:43:02	0.750	57.4	9.0
1294	2010/07/02 19:45:28	0.875	63.0	7.6
1295	2010/07/02 19:45:34	0.875	61.6	7.7
1296	2010/07/02 19:45:35	0.750	62.1	7.1
1297	2010/07/02 19:45:37	0.875	59.0	6.9
1298	2010/07/02 19:45:40	0.750	60.3	7.4
1299	2010/07/02 19:45:40	0.750	61.3	7.4
1300	2010/07/02 19:45:41	0.875	61.5	7.4
1301	2010/07/02 19:45:43	0.750	61.9	8.5
1302	2010/07/02 19:45:44	0.875	61.0	7.6
1303	2010/07/02 19:45:45	0.875	61.6	7.6
1304	2010/07/02 19:46:23	0.875	65.5	7.4
1305	2010/07/02 19:46:24	1.000	64.0	7.6
1306	2010/07/02 19:46:42	0.875	63.9	9.3
1307	2010/07/02 19:46:44	0.875	64.4	8.8
1308	2010/07/02 19:46:53	0.625	67.2	11.4
1309	2010/07/02 19:47:49	0.875	65.4	9.9

1310	2010/07/02 19:49:04	1.000	67.8	6.9
1311	2010/07/02 19:49:59	0.750	65.6	7.5
1312	2010/07/02 19:50:13	0.750	65.7	7.9
1313	2010/07/02 19:50:27	1.000	54.1	7.2
1314	2010/07/02 19:51:31	0.875	61.5	9.4
1315	2010/07/02 19:51:43	1.000	59.5	9.0
1316	2010/07/02 19:51:45	1.000	54.9	7.6
1317	2010/07/02 19:51:49	0.750	56.1	10.4
1318	2010/07/02 19:51:53	0.875	60.8	10.1
1319	2010/07/02 19:52:06	0.750	58.8	8.9
1320	2010/07/02 19:52:24	1.000	54.6	6.5
1321	2010/07/02 19:52:29	0.875	53.1	8.1
1322	2010/07/02 19:52:33	0.750	53.8	8.2
1323	2010/07/02 19:52:38	1.000	55.3	7.3
1324	2010/07/02 19:53:26	0.750	62.2	8.7
1325	2010/07/02 19:53:29	0.625	64.8	9.8
1326	2010/07/02 19:54:31	0.875	61.3	7.4
1327	2010/07/02 19:56:45	0.750	55.1	9.1
1328	2010/07/02 19:57:44	0.625	55.2	8.7
1329	2010/07/02 19:57:45	1.000	57.1	7.9
1330	2010/07/02 19:58:08	0.875	53.0	9.5
1331	2010/07/02 19:58:15	0.875	53.4	7.1
1332	2010/07/02 19:58:16	0.875	54.0	8.4
1333	2010/07/02 19:59:07	0.750	52.8	6.8
1334	2010/07/02 19:59:48	0.875	54.9	7.4
1335	2010/07/02 19:59:56	0.875	55.0	7.2
1336	2010/07/02 20:00:09	1.000	65.1	7.9
1337	2010/07/02 20:00:10	0.625	55.7	7.8
1338	2010/07/02 20:00:11	1.000	57.6	7.0
1339	2010/07/02 20:00:15	0.750	56.8	7.6
1340	2010/07/02 20:00:35	0.625	55.3	9.5
1341	2010/07/02 20:00:35	0.625	63.2	10.1

1342	2010/07/02 20:00:56	0.875	63.4	9.2
1343	2010/07/02 20:02:17	0.750	63.3	7.0
1344	2010/07/02 20:02:20	0.750	61.2	9.5
1345	2010/07/02 20:02:21	0.750	60.8	7.5
1346	2010/07/02 20:02:23	0.750	58.7	7.8
1347	2010/07/02 20:04:10	0.750	66.3	7.4
1348	2010/07/02 20:04:11	0.750	65.9	7.2
1349	2010/07/02 20:04:11	0.875	64.4	6.3
1350	2010/07/02 20:04:19	0.875	66.1	8.1
1351	2010/07/02 20:04:35	0.875	62.2	6.9
1352	2010/07/02 20:04:56	0.875	60.1	7.2
1353	2010/07/02 20:05:01	0.625	60.8	9.5
1354	2010/07/02 20:05:03	1.000	56.2	9.0
1355	2010/07/02 20:05:05	1.000	67.4	10.4
1356	2010/07/02 20:05:34	0.625	51.9	9.0
1357	2010/07/02 20:05:44	1.000	65.4	7.7
1358	2010/07/02 20:05:52	0.750	61.9	8.8
1359	2010/07/02 20:06:51	0.750	58.2	8.1
1360	2010/07/02 20:07:41	0.875	57.1	8.4
1361	2010/07/02 20:07:59	0.625	63.1	10.2
1362	2010/07/02 20:08:10	1.000	59.6	7.2
1363	2010/07/02 20:08:11	0.875	59.5	7.5
1364	2010/07/02 20:08:13	1.000	59.1	7.0
1365	2010/07/02 20:09:07	0.875	60.9	8.7
1366	2010/07/02 20:09:12	1.000	72.4	12.2
1367	2010/07/02 20:09:40	0.875	57.6	10.7
1368	2010/07/02 20:09:42	0.750	64.5	8.2
1369	2010/07/02 20:09:53	0.875	56.8	10.3
1370	2010/07/02 20:10:20	0.875	60.1	6.2
1371	2010/07/02 20:10:40	0.750	60.0	9.6
1372	2010/07/02 20:11:10	0.875	65.1	7.1
1373	2010/07/02 20:11:11	0.750	63.5	6.3

1374	2010/07/02 20:11:31	0.875	63.0	8.0
1375	2010/07/02 20:11:32	0.875	65.1	8.4
1376	2010/07/02 20:12:16	1.000	57.0	7.7
1377	2010/07/02 20:13:55	0.750	58.8	7.9
1378	2010/07/02 20:17:38	0.875	53.2	7.1
1379	2010/07/02 20:17:39	1.000	53.7	6.8
1380	2010/07/02 20:17:47	0.750	53.7	7.7
1381	2010/07/02 20:17:48	1.000	53.2	7.0
1382	2010/07/02 20:18:25	1.000	56.8	7.0
1383	2010/07/02 20:18:27	0.750	57.0	7.9
1384	2010/07/02 20:20:33	0.750	60.9	7.1
1385	2010/07/02 20:22:16	0.750	75.6	10.4
1386	2010/07/02 20:23:55	0.625	72.1	10.7
1387	2010/07/02 20:26:21	1.000	51.9	6.4
1388	2010/07/02 20:29:12	0.875	67.6	11.4
1389	2010/07/02 20:29:15	0.750	62.3	7.2
1390	2010/07/02 20:29:38	0.750	60.7	9.1
1391	2010/07/02 20:30:18	1.000	57.9	6.9
1392	2010/07/02 20:30:47	0.625	75.0	10.0
1393	2010/07/02 20:31:48	0.750	51.1	8.8
1394	2010/07/02 20:32:46	1.000	54.4	7.4
1395	2010/07/02 20:33:10	0.875	57.0	9.5
1396	2010/07/02 20:33:11	1.000	63.8	10.1
1397	2010/07/02 20:33:37	0.875	58.4	9.9
1398	2010/07/02 20:34:07	0.875	60.4	8.8
1399	2010/07/02 20:34:26	1.000	58.3	7.0
1400	2010/07/02 20:34:32	0.625	57.4	11.0
1401	2010/07/02 20:35:12	0.625	69.1	10.8
1402	2010/07/02 20:35:30	0.625	66.1	11.3
1403	2010/07/02 20:35:33	1.000	63.3	8.9
1404	2010/07/02 20:35:35	0.750	61.2	8.9
1405	2010/07/02 20:35:40	0.625	61.8	8.0



1406	2010/07/02 20:35:46	0.625	61.0	7.4
1407	2010/07/02 20:35:47	0.750	62.4	8.3
1408	2010/07/02 20:35:47	0.625	61.4	7.6
1409	2010/07/02 20:35:51	0.625	67.2	10.3
1410	2010/07/02 20:35:53	0.625	69.8	9.6
1411	2010/07/02 20:35:59	0.750	64.1	8.3
1412	2010/07/02 20:36:07	1.000	68.5	10.2
1413	2010/07/02 20:36:08	1.000	64.6	9.5
1414	2010/07/02 20:36:13	0.625	67.4	10.1
1415	2010/07/02 20:36:18	1.000	58.0	6.9
1416	2010/07/02 20:36:59	0.750	53.2	6.5
1417	2010/07/02 20:37:12	0.875	51.4	9.4
1418	2010/07/02 20:37:13	1.000	50.6	7.1
1419	2010/07/02 20:38:30	1.000	57.3	8.5
1420	2010/07/02 20:38:46	0.750	64.8	8.1
1421	2010/07/02 20:41:20	0.875	65.4	7.6
1422	2010/07/02 20:44:30	0.625	64.8	10.4
1423	2010/07/02 20:44:34	0.750	61.5	9.4
1424	2010/07/02 20:44:58	0.750	65.4	9.2
1425	2010/07/02 20:45:02	0.750	64.2	10.8
1426	2010/07/02 20:45:04	0.750	67.1	10.7
1427	2010/07/02 20:45:06	0.875	55.6	11.6
1428	2010/07/02 20:45:10	0.875	60.4	8.2
1429	2010/07/02 20:45:30	0.875	66.7	10.1
1430	2010/07/02 20:45:33	0.875	65.7	9.3
1431	2010/07/02 20:45:36	1.000	64.6	9.9
1432	2010/07/02 20:46:07	0.625	56.4	10.8
1433	2010/07/02 20:46:57	0.625	65.2	12.7
1434	2010/07/02 20:47:22	1.000	80.3	10.7
1435	2010/07/02 20:48:13	0.625	71.0	10.4
1436	2010/07/02 20:51:19	0.875	63.9	7.8
1437	2010/07/02 20:51:21	0.750	66.3	7.8

1438	2010/07/02 20:51:24	0.875	60.5	6.8
1439	2010/07/02 20:54:21	0.625	64.8	9.4
1440	2010/07/02 20:54:25	0.625	62.4	9.9
1441	2010/07/02 20:54:26	0.750	62.6	9.1
1442	2010/07/02 20:54:31	0.750	62.0	9.0
1443	2010/07/02 20:54:40	0.625	61.3	10.6
1444	2010/07/02 20:54:41	0.750	62.1	8.5
1445	2010/07/02 20:55:02	0.875	65.7	6.6
1446	2010/07/02 20:55:16	0.750	61.6	8.7
1447	2010/07/02 20:55:18	0.750	68.7	9.6
1448	2010/07/02 20:55:23	0.875	60.4	8.6
1449	2010/07/02 20:55:35	0.750	64.9	8.6
1450	2010/07/02 20:55:50	0.875	56.8	7.6
1451	2010/07/02 20:57:58	0.750	62.1	9.4
1452	2010/07/02 21:00:29	0.750	71.4	8.8
1453	2010/07/02 21:13:30	0.875	64.8	8.6
1454	2010/07/02 21:19:45	0.875	60.7	7.8
1455	2010/07/02 21:25:21	0.750	62.1	9.9
1456	2010/07/02 21:34:50	1.000	61.8	7.9
1457	2010/07/02 21:37:35	0.875	64.4	7.3
1458	2010/07/02 21:37:39	1.000	60.8	7.1
1459	2010/07/02 21:38:15	1.000	60.5	7.9
1460	2010/07/02 21:39:40	0.875	61.5	9.1
1461	2010/07/02 21:46:03	0.750	63.7	9.4
1462	2010/07/02 21:49:18	0.875	72.3	10.1
1463	2010/07/02 21:51:14	1.000	61.0	6.8
1464	2010/07/02 21:51:19	0.625	64.2	9.1
1465	2010/07/02 21:51:57	0.750	64.4	9.2
1466	2010/07/02 21:52:12	1.000	67.6	7.4
1467	2010/07/02 21:55:36	0.625	81.4	12.1
1468	2010/07/02 21:55:53	0.875	61.8	7.0
1469	2010/07/02 21:56:35	1.000	64.6	10.5

1470	2010/07/02 21:57:08	0.875	63.7	7.0
1471	2010/07/02 22:03:03	0.875	63.1	8.6
1472	2010/07/02 22:10:37	0.875	58.8	9.2
1473	2010/07/02 22:14:37	1.000	64.9	6.3
1474	2010/07/02 22:15:16	1.000	65.4	7.9
1475	2010/07/02 22:15:21	0.875	66.3	8.5
1476	2010/07/02 22:15:23	1.000	66.4	7.4
1477	2010/07/02 22:16:17	1.000	67.4	9.5
1478	2010/07/02 22:16:45	0.750	69.9	9.9
1479	2010/07/02 22:17:09	0.750	65.5	10.2
1480	2010/07/02 22:17:09	0.750	67.1	8.9
1481	2010/07/02 22:17:33	0.625	67.0	10.6
1482	2010/07/02 22:17:41	0.625	68.0	11.0
1483	2010/07/02 22:17:47	1.000	65.3	9.5
1484	2010/07/02 22:17:50	0.625	69.9	10.9
1485	2010/07/02 22:17:51	0.625	70.0	9.1
1486	2010/07/02 22:18:02	0.750	65.1	9.3
1487	2010/07/02 22:18:27	0.500	67.6	12.1
1488	2010/07/02 22:27:15	0.875	59.7	7.7
1489	2010/07/02 22:28:53	1.000	60.8	9.0
1490	2010/07/02 22:30:04	1.000	76.9	6.2
1491	2010/07/02 22:32:55	0.750	59.5	8.9
1492	2010/07/02 22:32:57	0.875	62.3	8.7
1493	2010/07/02 22:33:13	0.750	64.2	9.4
1494	2010/07/02 22:33:24	1.000	60.8	7.8
1495	2010/07/02 22:34:57	0.750	60.1	8.7
1496	2010/07/02 22:35:02	0.625	61.1	10.4
1497	2010/07/02 22:35:35	0.875	59.2	9.6
1498	2010/07/02 22:35:54	0.750	61.8	9.5
1499	2010/07/02 22:36:53	0.750	67.9	9.0
1500	2010/07/02 22:37:05	0.625	71.7	11.3
1501	2010/07/02 22:44:49	0.750	61.4	11.3

1502	2010/07/02 22:46:57	0.875	60.6	7.2
1503	2010/07/02 22:54:51	1.000	64.3	6.7
1504	2010/07/02 22:55:18	1.000	57.8	6.6
1505	2010/07/02 22:59:02	0.625	64.1	9.9
1506	2010/07/02 23:02:12	0.750	60.1	10.7
1507	2010/07/02 23:04:32	1.000	69.7	8.3
1508	2010/07/02 23:06:59	0.750	62.5	10.3
1509	2010/07/02 23:10:55	1.000	82.1	8.0
1510	2010/07/02 23:11:45	0.750	68.8	10.0
1511	2010/07/02 23:12:12	0.750	68.5	7.7
1512	2010/07/02 23:12:25	0.875	67.9	9.4
1513	2010/07/02 23:14:15	0.875	56.9	7.8
1514	2010/07/02 23:15:38	0.625	61.3	11.0
1515	2010/07/02 23:15:40	0.625	61.3	10.2
1516	2010/07/02 23:15:50	0.750	59.8	9.8
1517	2010/07/02 23:17:47	0.750	68.8	10.9
1518	2010/07/02 23:21:09	0.625	62.2	11.8
1519	2010/07/02 23:21:16	0.625	57.4	11.4
1520	2010/07/02 23:22:52	0.875	69.6	9.0
1521	2010/07/02 23:23:17	0.875	57.7	7.6
1522	2010/07/02 23:24:17	0.750	67.2	9.4
1523	2010/07/02 23:24:27	0.750	60.4	8.3
1524	2010/07/02 23:25:22	0.750	63.2	8.9
1525	2010/07/02 23:25:25	0.625	61.6	11.7
1526	2010/07/02 23:26:09	1.000	54.4	8.4
1527	2010/07/02 23:26:20	1.000	55.7	6.6
1528	2010/07/02 23:27:39	1.000	54.9	9.9
1529	2010/07/02 23:27:47	0.750	66.4	10.0
1530	2010/07/02 23:27:55	0.500	64.6	11.3
1531	2010/07/02 23:28:25	0.875	58.1	9.8
1532	2010/07/02 23:30:02	0.625	67.8	12.0
1533	2010/07/02 23:30:37	0.875	58.4	9.6

1534	2010/07/02 23:30:47	1.000	61.9	9.4
1535	2010/07/02 23:30:53	0.625	73.0	11.6
1536	2010/07/02 23:31:02	0.875	59.4	7.6
1537	2010/07/02 23:31:04	1.000	61.4	7.1
1538	2010/07/02 23:31:27	0.750	66.9	8.1
1539	2010/07/02 23:31:29	0.625	84.4	11.4
1540	2010/07/02 23:32:08	0.625	72.0	12.0
1541	2010/07/02 23:32:13	0.625	67.3	10.4
1542	2010/07/02 23:32:15	0.875	72.2	12.2
1543	2010/07/02 23:32:17	1.000	60.3	10.8
1544	2010/07/02 23:32:38	0.750	72.8	9.8
1545	2010/07/02 23:32:47	0.750	69.4	10.1
1546	2010/07/02 23:32:49	0.500	75.4	12.7
1547	2010/07/02 23:32:52	0.625	78.9	12.4
1548	2010/07/02 23:32:59	0.750	67.7	8.3
1549	2010/07/02 23:33:03	0.625	67.1	10.8
1550	2010/07/02 23:33:04	0.625	71.5	10.9
1551	2010/07/02 23:33:07	0.750	66.8	10.6
1552	2010/07/02 23:33:08	0.500	76.4	12.7
1553	2010/07/02 23:33:13	0.625	64.2	8.6
1554	2010/07/02 23:33:16	0.625	67.6	8.0
1555	2010/07/02 23:33:17	0.875	61.1	6.9
1556	2010/07/02 23:33:22	1.000	74.0	8.1
1557	2010/07/02 23:33:28	1.000	78.1	10.4
1558	2010/07/02 23:33:32	0.625	65.0	10.8

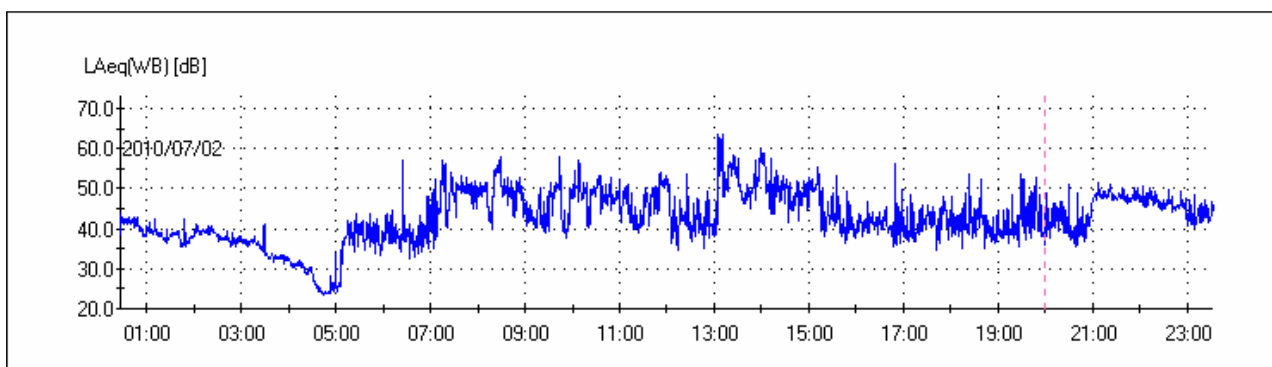
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



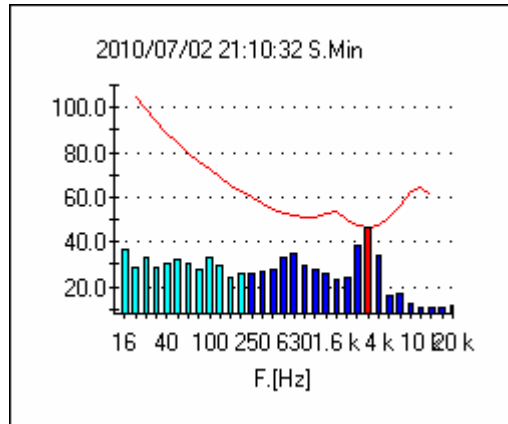
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 125	0.1
Freq: 200	0.4
Freq: 400	0.2
Freq: 500	0.1
Freq: 630	0.1
Freq: 800	0.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

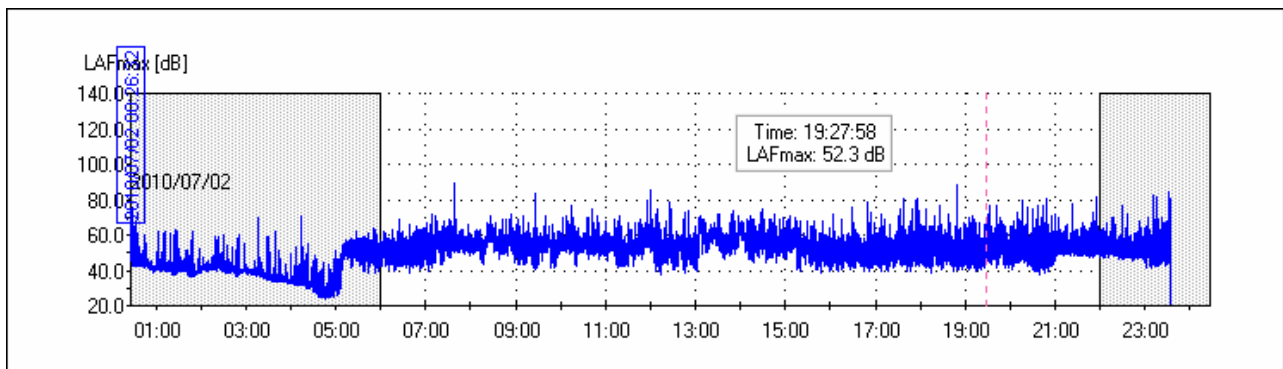
Freq: 1 k	0.1
Freq: 2 k	0.0
Freq: 2.5 k	0.1
<b>Freq: 3.15 k</b>	<b>20.3</b>
Freq: 4 k	0.6
Freq: 5 k	0.2
Freq: 6.3 k	0.1
PENALIZZAZIONI	
Penalizzazione BF: No	
<b>Penalizzazione AF: 3dB</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

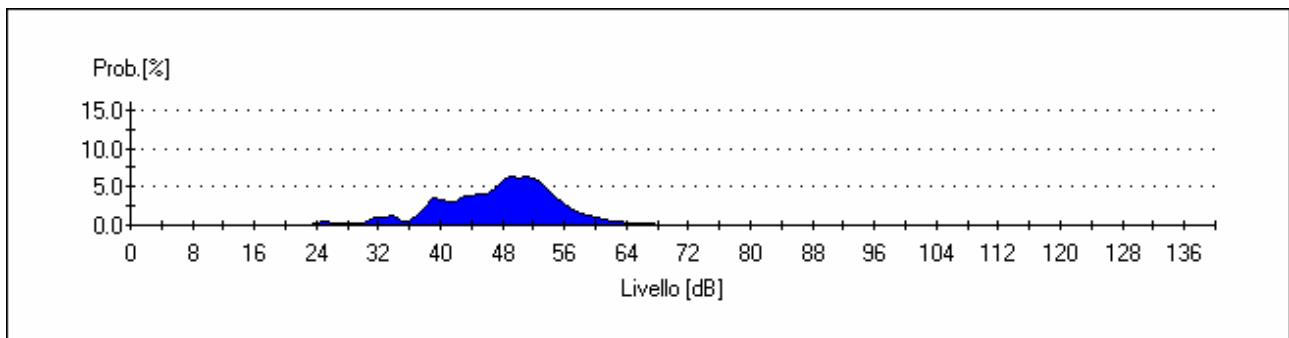
**TIME ISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



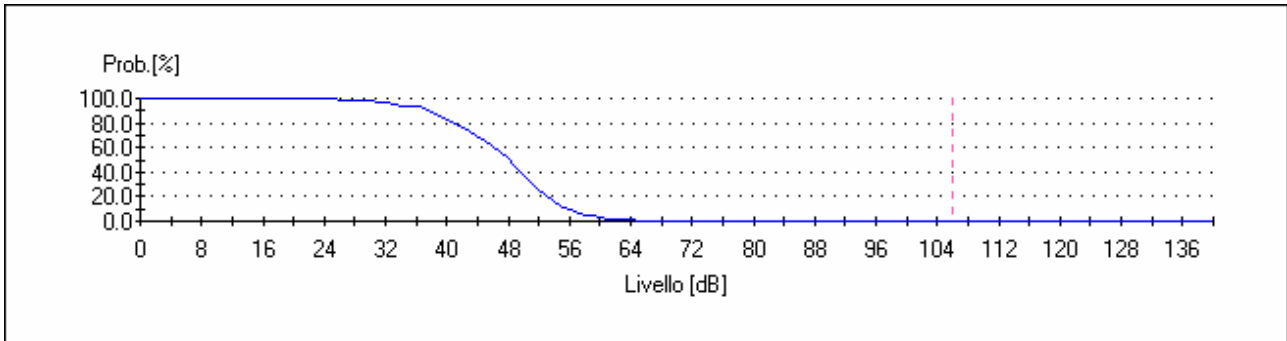
**DISTRIBUTIVA**



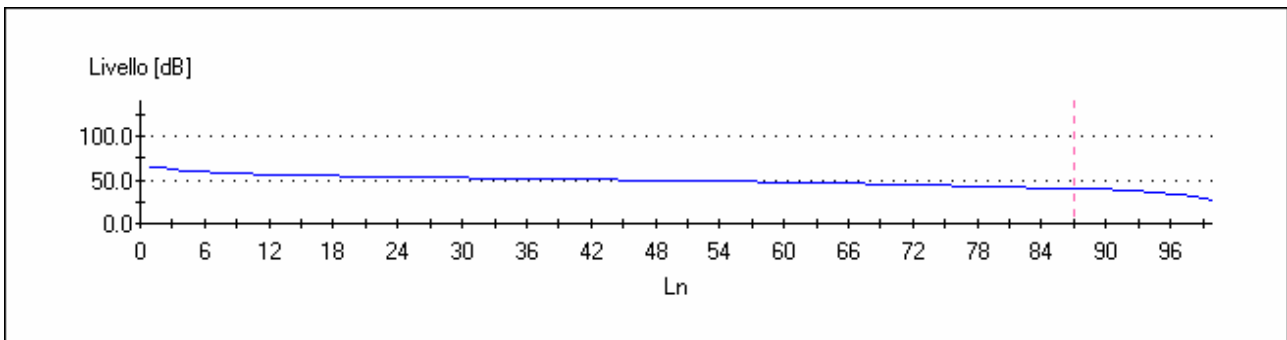


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

**CUMULATIVA**



**GRAFICO PERCENTILI**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	64.0
<b>1</b>	<b>64.0</b>
2	62.0
3	61.0
4	60.0
<b>5</b>	<b>59.0</b>
6	58.5
7	58.0
8	57.5
9	57.0
<b>10</b>	<b>56.5</b>
11	56.0
12	55.8
13	55.5
14	55.3
15	55.0
16	54.8
17	54.6
18	54.4
19	54.2
20	54.0
21	53.8
22	53.6
23	53.4
24	53.2
25	53.0
26	52.8
27	52.7
28	52.5

29	52.3
30	52.2
31	52.0
32	51.9
33	51.7
34	51.6
35	51.4
36	51.3
37	51.1
38	51.0
39	50.8
40	50.7
41	50.5
42	50.3
43	50.2
44	50.0
45	49.8
46	49.7
47	49.5
48	49.3
49	49.2
50	49.0
51	48.8
52	48.7
53	48.5
54	48.3
55	48.2
56	48.0
57	47.8
58	47.5
59	47.3
60	47.0

61	46.8
62	46.6
63	46.4
64	46.2
65	46.0
66	45.8
67	45.5
68	45.3
69	45.0
70	44.7
71	44.3
72	44.0
73	43.8
74	43.5
75	43.3
76	43.0
77	42.7
78	42.3
79	42.0
80	41.7
81	41.3
82	41.0
83	40.7
84	40.3
85	40.0
86	39.8
87	39.5
88	39.3
89	39.0
90	38.5
91	38.0
92	37.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	36.0
94	35.0
95	34.0
96	33.0
97	32.0
98	30.0
99	27.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	65.0
1	65.0
2	63.0
3	62.0
4	61.0
5	60.0
6	59.5
7	59.0
8	58.5
9	58.0
10	57.7
11	57.3
12	57.0
13	56.8
14	56.5
15	56.3
16	56.0
17	55.8
18	55.5
19	55.3
20	55.0

21	54.9
22	54.7
23	54.6
24	54.4
25	54.3
26	54.1
27	54.0
28	53.9
29	53.7
30	53.6
31	53.4
32	53.3
33	53.1
34	53.0
35	52.9
36	52.8
37	52.6
38	52.5
39	52.4
40	52.3
41	52.1
42	52.0
43	51.9
44	51.8
45	51.6
46	51.5
47	51.4
48	51.3
49	51.1
50	51.0
51	50.9
52	50.7

53	50.6
54	50.4
55	50.3
56	50.1
57	50.0
58	49.9
59	49.7
60	49.6
61	49.4
62	49.3
63	49.1
64	49.0
65	48.9
66	48.7
67	48.6
68	48.4
69	48.3
70	48.1
71	48.0
72	47.8
73	47.6
74	47.4
75	47.2
76	47.0
77	46.8
78	46.6
79	46.4
80	46.2
81	46.0
82	45.8
83	45.5
84	45.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	45.0
86	44.8
87	44.5
88	44.3
89	44.0
90	43.8
91	43.5
92	43.3
93	43.0
94	42.5
95	42.0
96	41.5
97	41.0
98	40.0
99	39.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	59.0
1	59.0
2	56.0
3	55.0
4	54.0
5	53.5
6	53.0
7	52.5
8	52.0
9	51.5
10	51.0
11	50.8
12	50.5



13	50.3
14	50.0
15	49.7
16	49.3
17	49.0
18	48.8
19	48.6
20	48.4
21	48.2
22	48.0
23	47.8
24	47.5
25	47.3
26	47.0
27	46.7
28	46.3
29	46.0
30	45.5
31	45.0
32	44.7
33	44.3
34	44.0
35	43.8
36	43.5
37	43.3
38	43.0
39	42.8
40	42.5
41	42.3
42	42.0
43	41.8
44	41.7

45	41.5
46	41.3
47	41.2
48	41.0
49	40.9
50	40.8
51	40.6
52	40.5
53	40.4
54	40.3
55	40.1
56	40.0
57	39.9
58	39.8
59	39.7
60	39.6
61	39.5
62	39.4
63	39.3
64	39.2
65	39.1
66	39.0
67	38.9
68	38.7
69	38.6
70	38.4
71	38.3
72	38.1
73	38.0
74	37.8
75	37.5
76	37.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

77	37.0
78	36.0
79	35.5
80	35.0
81	34.8
82	34.5
83	34.3
84	34.0
85	33.7
86	33.3
87	33.0
88	32.7
89	32.3
90	32.0
91	31.7
92	31.3
93	31.0
94	30.0
95	29.0
96	27.0
97	26.0
98	25.5
99	25.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
80,4	68,9	75,9
89,3	85,3	89
88,1	79,7	85,8
80,9	73,9	78,6
89,7	85	88,6
87,9	77,1	84,4
<b>89,7</b>	<b>85,3</b>	<b>89</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

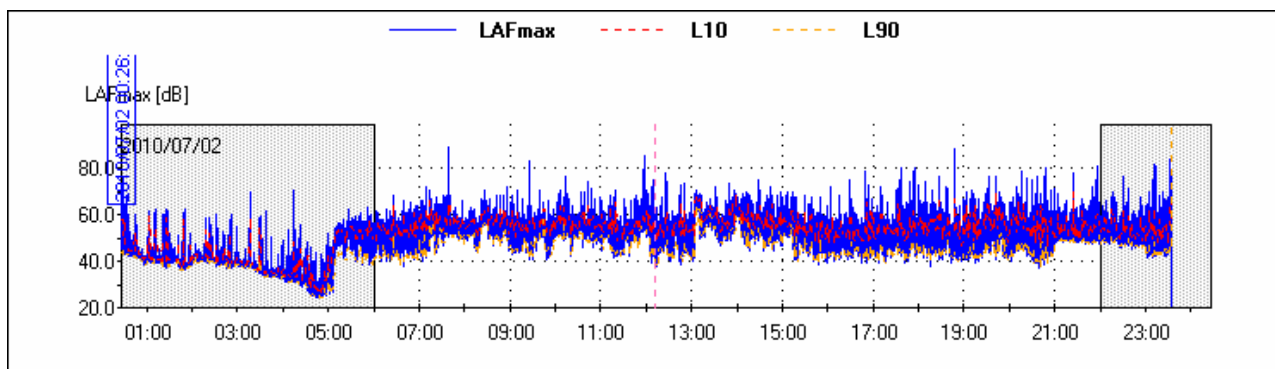
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89,3	85,3	89
88,1	79,7	85,8
80,9	73,9	78,6
89,7	85	88,6
85,2	75,7	81,4
<b>89,7</b>	<b>85,3</b>	<b>89</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

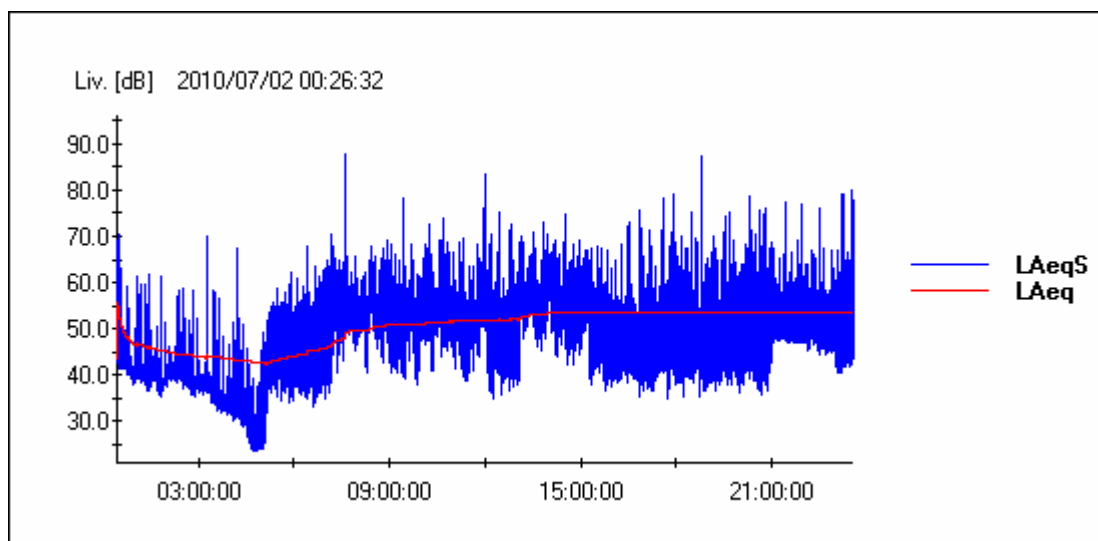
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
80,4	68,9	75,9
66,7	61,3	63,5
87,9	77,1	84,4
<b>87,9</b>	<b>77,1</b>	<b>84,4</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

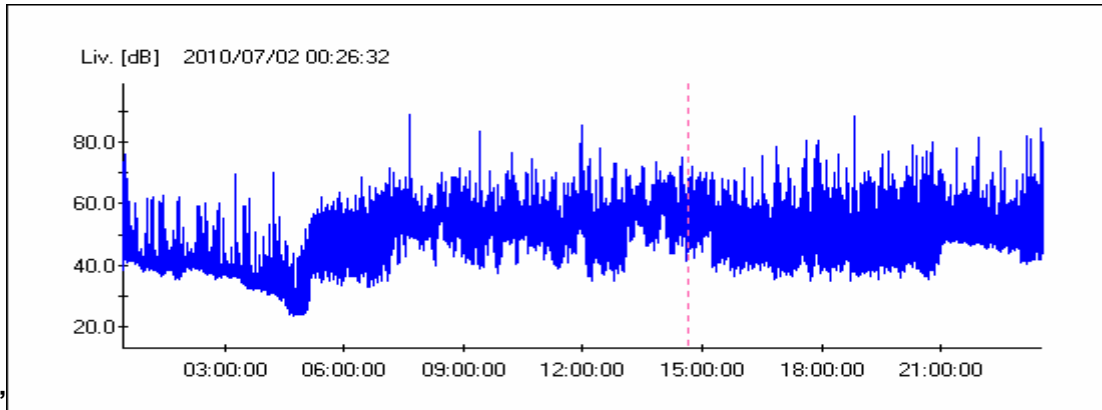
**TIME HISTORY L10 – L90**



**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA**



“A”

**R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE**

Punto	Ricettore	Indirizzo
	<b>R_18_S</b>	<b>VIA GIUFFRE'</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale ad una distanza di mt 1 dal muro del fabbricato adiacente</i></p>		

**Caratterizzazione del punto di misura/ricettore**

Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

		<input type="checkbox"/>	Altro
Descrizione			
Strumentazione adottata			
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825			
Punto	Ricettore	Indirizzo	
	<b>R_18_S</b>	<b>VIA GIUFFRE'</b>	

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>03/07/10</b>	<b>57.7</b>	<b>0</b>	<b>0</b>		<b>57.7</b>	<b>60</b>
Notte	22-6h	<b>03/07/10</b>	<b>58.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>58.5</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_18_S</b>
Data inizio	<b>03/07/2010</b>
Ora inizio	<b>0.07.18</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>58.0</b>	<b>57.7</b>	<b>58.5</b>
L1	[dBA]	<b>69.0</b>	<b>69.0</b>	<b>67.0</b>
L5	[dBA]	<b>61.0</b>	<b>62.0</b>	<b>57.0</b>
L10	[dBA]	<b>57.0</b>	<b>58.5</b>	<b>49.0</b>
L50	[dBA]	<b>44.3</b>	<b>45.7</b>	<b>39.8</b>
L90	[dBA]	<b>37.7</b>	<b>40.8</b>	<b>34.4</b>
L95	[dBA]	<b>35.5</b>	<b>39.7</b>	<b>33.4</b>
L99	[dBA]	<b>33.0</b>	<b>37.0</b>	<b>32.0</b>
LImax	[dBA]	<b>103.2</b>	<b>98.5</b>	<b>103.2</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

LFmax	[dBA]	<b>101.0</b>	<b>97.6</b>	<b>101.0</b>
LSmax	[dBA]	<b>95.8</b>	<b>93.0</b>	<b>95.8</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>Aeq</sub> TRC		<b>58.0</b>	<b>57.7</b>	<b>58.5</b>

Note:

Punto	Ricettore	Indirizzo
	<b>R_18_S</b>	<b>VIA GIUFFRE'</b>

**Sorgente stradale:** \_\_\_\_\_

	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>4</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>5.75</b>	<b>6</b>	<b>3</b>	<b>4.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>3</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>2.5</b>	<b>2</b>	<b>0</b>	<b>1</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>26.1</b>	<b>32.6</b>	<b>28.2</b>	<b>25.1</b>	<b>28</b>	<b>26.5</b>	<b>24.3</b>	<b>25.4</b>
Umidità relativa	<b>51</b>	<b>41</b>	<b>62</b>	<b>65</b>	<b>54.75</b>	<b>65</b>	<b>58</b>	<b>61.5</b>
Velocità vento	<b>1.7</b>	<b>2.8</b>	<b>1</b>	<b>0.3</b>	<b>1.45</b>	<b>0.6</b>	<b>2.3</b>	<b>1.45</b>
Direzione vento	<b>S E</b>	<b>W</b>	<b>E S E</b>	<b>E S E</b>		<b>S E</b>	<b>W S W</b>	

**Fotografia del punto di misura**





Punto

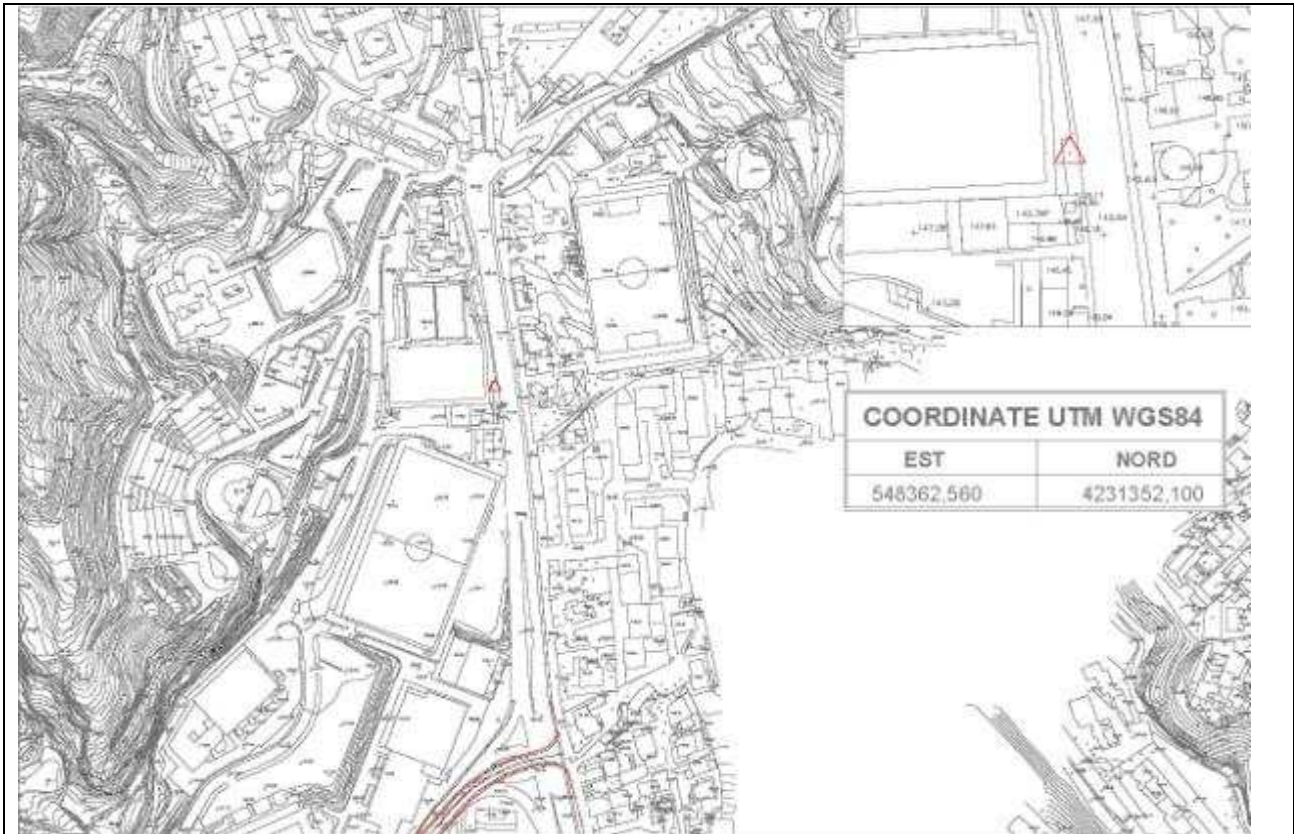
Ricettore

**R\_18\_S**

Indirizzo

**VIA GIUFFRE'**

Localizzazione planimetrica

MONITORAGGIO EMISSIONI DI RUMORE PER LA  
MAPPATURA DI CLIMA ACUSTICO VOL.1/2Codice documento  
AS0105\_F0.docxRev  
F0Data  
20/06/2011

DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

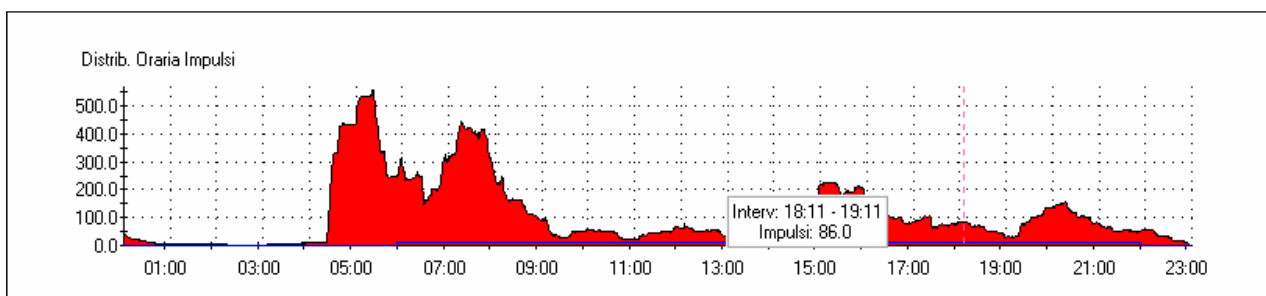
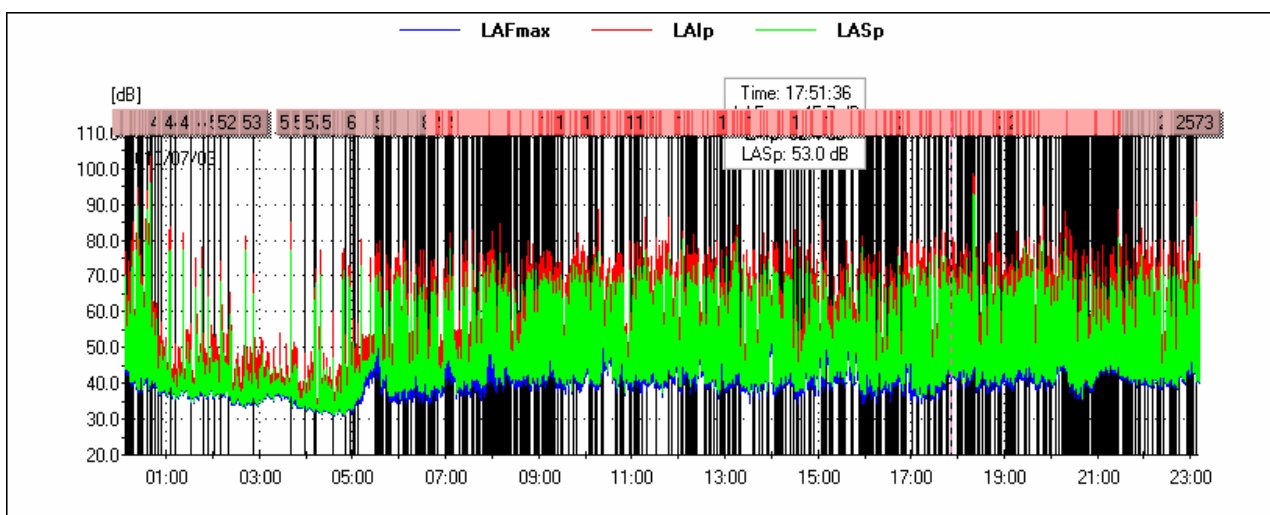
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/03 00:07:50	0.625	60.5	11.0
2	2010/07/03 00:07:51	0.625	58.2	9.9
3	2010/07/03 00:07:57	0.625	64.0	12.1
4	2010/07/03 00:07:58	0.625	58.7	10.7
5	2010/07/03 00:08:05	0.875	56.5	8.6
6	2010/07/03 00:08:36	0.750	62.0	9.3
7	2010/07/03 00:09:11	0.875	57.1	8.1
8	2010/07/03 00:09:23	1.000	57.0	9.4
9	2010/07/03 00:09:27	0.875	62.4	8.9
10	2010/07/03 00:09:55	0.750	61.6	9.3
11	2010/07/03 00:10:06	0.625	60.2	10.4
12	2010/07/03 00:10:58	0.625	70.3	10.8
13	2010/07/03 00:11:17	0.750	60.2	8.4
14	2010/07/03 00:11:23	0.625	63.7	11.4
15	2010/07/03 00:11:24	0.625	70.4	11.9
16	2010/07/03 00:11:30	0.750	60.0	11.7
17	2010/07/03 00:11:38	0.875	57.5	9.2
18	2010/07/03 00:12:46	0.625	67.3	11.5
19	2010/07/03 00:15:34	0.500	65.7	12.5
20	2010/07/03 00:17:47	1.000	58.2	7.1
21	2010/07/03 00:17:58	0.750	56.7	8.6
22	2010/07/03 00:24:15	0.875	51.5	8.7
23	2010/07/03 00:26:17	1.000	65.1	7.4
24	2010/07/03 00:26:23	0.625	66.7	11.4
25	2010/07/03 00:26:27	0.625	72.0	8.6
26	2010/07/03 00:26:28	0.625	73.0	8.5
27	2010/07/03 00:26:47	1.000	62.7	8.9
28	2010/07/03 00:28:28	0.625	56.0	9.6
29	2010/07/03 00:28:52	0.750	52.4	9.7
30	2010/07/03 00:34:47	0.625	65.0	7.1

31	2010/07/03 00:35:05	0.875	68.2	7.7
32	2010/07/03 00:40:01	0.625	60.7	11.9
33	2010/07/03 00:40:09	1.000	101.0	7.0
34	2010/07/03 00:41:47	0.750	57.3	7.1
35	2010/07/03 00:45:36	0.875	59.3	8.0
36	2010/07/03 00:45:40	1.000	54.7	6.4
37	2010/07/03 00:46:07	0.875	57.4	9.0
38	2010/07/03 00:46:18	0.875	56.5	9.0
39	2010/07/03 00:49:30	1.000	49.4	9.9
40	2010/07/03 00:52:40	0.625	52.7	11.3
41	2010/07/03 00:53:12	1.000	50.3	7.3
42	2010/07/03 00:53:53	0.875	53.5	9.1
43	2010/07/03 01:05:48	0.750	59.8	8.8
44	2010/07/03 01:10:48	0.875	48.1	8.6
45	2010/07/03 01:32:00	0.875	54.2	7.5
46	2010/07/03 01:46:54	0.875	51.5	8.2
47	2010/07/03 01:54:21	0.875	49.7	9.1
48	2010/07/03 01:54:26	0.750	51.6	10.1
49	2010/07/03 02:01:47	1.000	47.8	7.0
50	2010/07/03 02:09:39	0.750	51.7	8.5
51	2010/07/03 02:20:16	1.000	48.6	10.8
52	2010/07/03 02:20:21	0.750	50.9	11.3
53	2010/07/03 02:52:36	0.750	54.1	10.2
54	2010/07/03 03:41:14	1.000	79.5	8.1
55	2010/07/03 03:58:01	1.000	45.4	9.2
56	2010/07/03 04:10:34	0.875	44.3	8.8
57	2010/07/03 04:12:50	0.750	49.2	10.2
58	2010/07/03 04:35:26	0.625	55.6	12.8
59	2010/07/03 04:50:43	1.000	45.6	7.6
60	2010/07/03 04:51:15	0.875	45.8	8.7
61	2010/07/03 04:51:45	1.000	51.1	8.4
62	2010/07/03 04:51:48	0.625	47.0	9.5

63	2010/07/03 04:56:36	0.750	58.8	9.7
64	2010/07/03 05:00:21	1.000	57.0	6.6
65	2010/07/03 05:02:12	0.875	47.2	9.0
66	2010/07/03 05:07:53	0.750	52.2	11.8
67	2010/07/03 05:28:33	0.750	56.6	9.6
68	2010/07/03 05:28:34	1.000	54.6	7.1
69	2010/07/03 05:28:36	0.750	58.3	7.9
70	2010/07/03 05:28:38	0.750	58.9	6.5
71	2010/07/03 05:28:40	0.750	59.6	7.2
72	2010/07/03 05:28:43	0.625	59.5	6.9
73	2010/07/03 05:28:46	0.750	57.7	6.9
74	2010/07/03 05:28:48	0.750	60.5	8.4
75	2010/07/03 05:28:48	0.625	59.8	7.2
76	2010/07/03 05:28:50	0.625	61.2	8.2
77	2010/07/03 05:28:51	0.625	64.3	8.7
78	2010/07/03 05:28:52	0.750	60.6	7.1
79	2010/07/03 05:28:53	0.750	60.3	6.9
80	2010/07/03 05:28:53	0.750	61.4	7.3
81	2010/07/03 05:28:54	0.750	60.2	6.4
82	2010/07/03 05:28:55	0.625	62.1	7.4
83	2010/07/03 05:28:57	0.625	62.7	7.0
84	2010/07/03 05:29:00	0.625	62.7	10.0
85	2010/07/03 05:29:00	0.625	66.3	10.0
86	2010/07/03 05:29:01	0.625	67.2	8.5
87	2010/07/03 05:29:02	0.625	66.1	8.4
88	2010/07/03 05:29:02	0.750	66.0	7.7
89	2010/07/03 05:29:04	0.625	66.7	7.2
90	2010/07/03 05:29:05	0.625	67.0	7.3
91	2010/07/03 05:29:06	0.625	69.1	9.3
92	2010/07/03 05:29:07	0.625	67.1	8.3
93	2010/07/03 05:29:07	0.625	66.1	7.0
94	2010/07/03 05:29:09	0.625	69.3	9.0

95	2010/07/03 05:29:10	0.625	65.9	7.6
96	2010/07/03 05:29:12	0.625	72.3	9.3
97	2010/07/03 05:29:13	0.625	71.7	8.4
98	2010/07/03 05:29:14	0.625	72.1	8.7
99	2010/07/03 05:29:15	0.625	70.2	8.4
100	2010/07/03 05:29:16	0.625	68.4	7.7
101	2010/07/03 05:29:17	0.625	67.9	8.3
102	2010/07/03 05:29:19	0.625	70.1	9.8
103	2010/07/03 05:29:19	0.625	72.4	9.2
104	2010/07/03 05:29:21	0.625	72.4	8.5
105	2010/07/03 05:29:22	0.625	68.4	9.0
106	2010/07/03 05:29:24	0.625	72.7	9.3
107	2010/07/03 05:29:24	0.625	70.6	7.5
108	2010/07/03 05:29:26	0.625	70.7	8.2
109	2010/07/03 05:29:27	0.625	68.5	8.3
110	2010/07/03 05:29:28	0.625	69.0	8.7
111	2010/07/03 05:29:30	0.625	73.1	9.7
112	2010/07/03 05:29:31	0.625	71.2	8.5
113	2010/07/03 05:29:32	0.625	71.1	8.7
114	2010/07/03 05:29:34	0.750	71.6	9.1
115	2010/07/03 05:29:35	0.625	72.9	9.3
116	2010/07/03 05:29:37	0.625	69.2	8.2
117	2010/07/03 05:29:37	0.750	69.1	7.5
118	2010/07/03 05:29:39	0.625	67.9	8.1
119	2010/07/03 05:29:40	0.625	68.8	8.9
120	2010/07/03 05:29:42	0.625	68.8	8.6
121	2010/07/03 05:29:43	0.625	69.6	9.3
122	2010/07/03 05:29:44	0.625	68.5	8.8
123	2010/07/03 05:29:46	0.625	69.1	9.2
124	2010/07/03 05:29:46	0.625	69.0	8.6
125	2010/07/03 05:29:47	0.625	71.9	9.2
126	2010/07/03 05:29:49	0.625	72.2	9.1

127	2010/07/03 05:29:50	0.625	72.1	8.6
128	2010/07/03 05:29:51	0.625	72.1	9.8
129	2010/07/03 05:29:53	0.625	70.3	9.4
130	2010/07/03 05:29:53	0.625	68.9	8.6
131	2010/07/03 05:29:55	0.750	67.9	8.0
132	2010/07/03 05:29:56	0.625	68.3	9.1
133	2010/07/03 05:29:57	0.625	68.6	9.5
134	2010/07/03 05:29:59	0.750	67.5	9.6
135	2010/07/03 05:30:00	0.625	67.4	8.6
136	2010/07/03 05:30:00	0.625	69.2	9.0
137	2010/07/03 05:30:02	0.875	54.7	10.4
138	2010/07/03 05:30:05	0.625	60.1	7.8
139	2010/07/03 05:30:06	0.625	58.9	7.9
140	2010/07/03 05:30:07	0.625	61.5	8.9
141	2010/07/03 05:30:10	0.625	61.3	8.6
142	2010/07/03 05:30:11	0.625	61.2	7.6
143	2010/07/03 05:30:13	0.625	63.1	8.5
144	2010/07/03 05:30:15	0.625	62.7	8.1
145	2010/07/03 05:30:15	0.625	60.7	6.9
146	2010/07/03 05:30:18	0.625	60.9	7.9
147	2010/07/03 05:30:19	0.750	59.5	7.1
148	2010/07/03 05:30:20	0.625	60.9	8.2
149	2010/07/03 05:30:23	0.625	62.6	8.3
150	2010/07/03 05:30:26	0.625	62.1	8.0
151	2010/07/03 05:30:27	0.625	61.9	8.0
152	2010/07/03 05:30:28	0.750	57.7	7.1
153	2010/07/03 05:30:29	0.750	59.2	8.4
154	2010/07/03 05:30:33	0.750	55.7	8.4
155	2010/07/03 05:30:34	0.750	56.1	8.1
156	2010/07/03 05:30:36	0.750	59.9	8.3
157	2010/07/03 05:30:37	0.750	60.2	7.8
158	2010/07/03 05:30:38	0.750	60.1	7.5



159	2010/07/03 05:30:40	0.625	62.1	8.7
160	2010/07/03 05:30:41	0.625	58.7	8.1
161	2010/07/03 05:30:42	0.625	61.9	8.1
162	2010/07/03 05:30:42	0.625	62.3	7.9
163	2010/07/03 05:30:44	0.875	54.7	7.7
164	2010/07/03 05:30:45	0.625	63.3	10.5
165	2010/07/03 05:30:46	0.750	66.0	8.9
166	2010/07/03 05:30:48	0.750	65.6	8.2
167	2010/07/03 05:30:49	0.625	64.9	8.2
168	2010/07/03 05:30:51	0.625	64.1	8.0
169	2010/07/03 05:30:51	0.750	60.3	7.0
170	2010/07/03 05:30:53	0.625	62.0	8.0
171	2010/07/03 05:30:54	0.625	63.0	7.8
172	2010/07/03 05:30:55	0.625	62.5	7.1
173	2010/07/03 05:30:56	0.625	61.1	7.2
174	2010/07/03 05:30:56	0.625	66.9	8.7
175	2010/07/03 05:30:59	0.750	68.1	8.0
176	2010/07/03 05:31:00	0.625	67.1	7.9
177	2010/07/03 05:31:02	0.625	62.4	6.8
178	2010/07/03 05:31:03	0.750	58.2	6.5
179	2010/07/03 05:31:04	0.625	66.7	9.0
180	2010/07/03 05:31:05	0.625	66.7	8.4
181	2010/07/03 05:31:06	0.625	67.5	7.6
182	2010/07/03 05:31:07	0.625	65.5	7.5
183	2010/07/03 05:31:08	0.625	69.0	8.7
184	2010/07/03 05:31:09	0.625	67.6	7.8
185	2010/07/03 05:31:11	0.750	62.5	7.3
186	2010/07/03 05:31:12	0.625	68.7	9.0
187	2010/07/03 05:31:13	0.750	69.2	8.6
188	2010/07/03 05:31:15	0.625	68.2	8.8
189	2010/07/03 05:31:15	0.625	68.6	8.4
190	2010/07/03 05:31:16	0.625	67.5	7.0

191	2010/07/03 05:31:17	0.625	68.4	8.4
192	2010/07/03 05:31:18	1.000	69.0	8.4
193	2010/07/03 05:31:19	0.625	63.9	8.2
194	2010/07/03 05:31:20	0.625	67.3	8.2
195	2010/07/03 05:31:21	0.625	68.4	8.2
196	2010/07/03 05:31:22	0.625	69.1	8.3
197	2010/07/03 05:31:23	0.625	70.8	8.5
198	2010/07/03 05:31:24	1.000	66.5	7.9
199	2010/07/03 05:31:25	0.625	70.8	9.5
200	2010/07/03 05:31:26	0.625	70.7	8.4
201	2010/07/03 05:31:27	0.625	69.2	7.6
202	2010/07/03 05:31:28	1.000	71.8	8.7
203	2010/07/03 05:31:29	0.625	71.4	8.1
204	2010/07/03 05:31:31	0.625	69.0	7.7
205	2010/07/03 05:31:31	0.625	69.1	7.3
206	2010/07/03 05:31:32	0.625	69.7	8.4
207	2010/07/03 05:31:33	0.625	70.7	8.2
208	2010/07/03 05:31:35	0.625	70.4	8.9
209	2010/07/03 05:31:35	0.625	71.4	8.5
210	2010/07/03 05:31:37	0.625	71.2	9.1
211	2010/07/03 05:31:38	0.625	73.0	9.4
212	2010/07/03 05:31:39	0.625	70.8	8.5
213	2010/07/03 05:31:40	0.625	70.5	8.1
214	2010/07/03 05:31:41	0.625	72.2	8.5
215	2010/07/03 05:31:42	0.625	70.8	9.1
216	2010/07/03 05:31:44	0.625	70.7	8.8
217	2010/07/03 05:31:44	0.625	69.1	7.3
218	2010/07/03 05:31:46	0.625	68.7	8.3
219	2010/07/03 05:31:46	0.625	62.9	8.0
220	2010/07/03 05:31:48	0.625	69.3	7.8
221	2010/07/03 05:31:48	0.625	70.2	8.2
222	2010/07/03 05:31:50	0.625	70.7	7.8

223	2010/07/03 05:31:51	0.625	70.2	9.0
224	2010/07/03 05:31:52	0.625	74.1	9.4
225	2010/07/03 05:31:53	0.625	73.1	8.4
226	2010/07/03 05:31:54	0.625	72.4	8.4
227	2010/07/03 05:31:55	0.625	67.3	8.5
228	2010/07/03 05:31:55	0.750	68.7	7.2
229	2010/07/03 05:31:56	0.625	73.6	9.2
230	2010/07/03 05:31:59	0.625	74.7	9.6
231	2010/07/03 05:32:00	0.625	75.6	9.9
232	2010/07/03 05:32:01	0.500	75.5	9.1
233	2010/07/03 05:32:03	0.625	71.2	8.0
234	2010/07/03 05:32:03	0.625	65.8	7.8
235	2010/07/03 05:32:05	0.625	68.6	7.6
236	2010/07/03 05:32:05	0.625	70.5	7.9
237	2010/07/03 05:32:06	0.625	73.1	9.1
238	2010/07/03 05:32:07	0.625	68.7	8.0
239	2010/07/03 05:32:08	0.625	65.7	6.9
240	2010/07/03 05:32:09	0.625	66.7	6.7
241	2010/07/03 05:32:10	0.625	68.3	7.8
242	2010/07/03 05:32:11	0.625	65.5	6.3
243	2010/07/03 05:32:12	0.625	66.8	8.1
244	2010/07/03 05:32:14	0.625	66.4	7.8
245	2010/07/03 05:32:15	0.625	64.2	7.6
246	2010/07/03 05:32:16	0.625	70.8	10.4
247	2010/07/03 05:32:17	0.625	70.5	8.5
248	2010/07/03 05:32:18	0.625	70.2	7.9
249	2010/07/03 05:32:20	0.625	64.7	7.4
250	2010/07/03 05:32:21	0.625	64.7	8.5
251	2010/07/03 05:32:22	0.625	64.9	8.9
252	2010/07/03 05:32:23	0.625	66.9	8.7
253	2010/07/03 05:32:24	0.625	66.0	7.5
254	2010/07/03 05:32:25	0.625	67.1	8.8

255	2010/07/03 05:32:26	0.750	67.8	8.3
256	2010/07/03 05:32:27	0.625	67.4	6.9
257	2010/07/03 05:32:27	0.625	68.2	8.2
258	2010/07/03 05:32:28	0.750	66.6	6.9
259	2010/07/03 05:32:29	0.625	66.5	6.8
260	2010/07/03 05:32:30	0.625	63.3	6.7
261	2010/07/03 05:32:30	0.625	68.3	8.4
262	2010/07/03 05:32:31	0.625	69.9	8.7
263	2010/07/03 05:32:32	0.625	65.2	9.0
264	2010/07/03 05:32:33	0.625	68.4	9.6
265	2010/07/03 05:32:34	0.625	67.3	8.2
266	2010/07/03 05:32:35	0.625	65.3	7.9
267	2010/07/03 05:32:36	0.625	69.3	8.5
268	2010/07/03 05:32:37	0.625	69.5	8.8
269	2010/07/03 05:32:40	0.625	70.7	8.8
270	2010/07/03 05:32:40	0.625	67.9	7.6
271	2010/07/03 05:32:42	0.625	64.7	6.9
272	2010/07/03 05:32:43	0.625	66.7	8.3
273	2010/07/03 05:32:45	0.625	63.3	6.4
274	2010/07/03 05:32:46	0.750	67.8	8.9
275	2010/07/03 05:32:47	0.750	67.0	7.7
276	2010/07/03 05:32:48	0.625	65.9	7.0
277	2010/07/03 05:32:49	0.625	67.0	7.9
278	2010/07/03 05:32:51	0.625	65.0	6.7
279	2010/07/03 05:32:52	0.625	65.5	7.1
280	2010/07/03 05:32:53	0.625	65.1	8.2
281	2010/07/03 05:32:55	0.625	64.2	8.4
282	2010/07/03 05:32:56	0.625	65.8	8.4
283	2010/07/03 05:32:59	0.625	67.2	9.0
284	2010/07/03 05:33:00	0.625	63.0	8.6
285	2010/07/03 05:33:01	0.750	60.4	7.3
286	2010/07/03 05:33:01	0.625	63.2	8.0

287	2010/07/03 05:33:03	0.750	65.5	8.9
288	2010/07/03 05:33:04	0.750	64.9	8.7
289	2010/07/03 05:33:05	0.625	66.2	8.2
290	2010/07/03 05:33:06	0.750	63.2	6.7
291	2010/07/03 05:33:07	0.625	65.0	7.8
292	2010/07/03 05:33:08	0.625	65.2	8.1
293	2010/07/03 05:33:09	0.750	63.7	7.4
294	2010/07/03 05:33:10	0.875	64.6	7.7
295	2010/07/03 05:33:12	0.625	67.6	9.0
296	2010/07/03 05:33:13	0.625	66.2	7.3
297	2010/07/03 05:33:14	0.625	65.1	7.2
298	2010/07/03 05:33:15	0.750	65.1	7.5
299	2010/07/03 05:33:16	0.625	64.6	7.6
300	2010/07/03 05:33:17	0.625	65.5	8.8
301	2010/07/03 05:33:20	0.625	60.0	9.2
302	2010/07/03 05:33:21	0.750	61.0	7.9
303	2010/07/03 05:33:22	0.625	64.7	8.7
304	2010/07/03 05:33:23	0.625	64.3	6.9
305	2010/07/03 05:33:24	0.625	64.3	7.0
306	2010/07/03 05:33:24	0.625	63.1	6.6
307	2010/07/03 05:33:25	0.625	64.5	7.6
308	2010/07/03 05:33:26	0.625	65.5	7.3
309	2010/07/03 05:33:27	0.625	63.9	6.8
310	2010/07/03 05:33:27	0.625	65.0	7.2
311	2010/07/03 05:33:28	0.625	65.2	6.9
312	2010/07/03 05:33:29	0.625	65.4	6.9
313	2010/07/03 05:33:30	0.625	66.2	7.7
314	2010/07/03 05:33:31	0.625	64.1	7.1
315	2010/07/03 05:33:32	0.625	65.5	7.7
316	2010/07/03 05:33:33	0.625	65.8	7.5
317	2010/07/03 05:33:34	0.625	65.1	7.0
318	2010/07/03 05:33:34	0.625	66.2	7.7

319	2010/07/03 05:33:35	0.625	65.6	7.1
320	2010/07/03 05:33:36	0.750	63.8	6.4
321	2010/07/03 05:33:41	0.625	67.1	9.6
322	2010/07/03 05:33:42	0.500	71.4	10.4
323	2010/07/03 05:33:44	0.625	70.5	9.5
324	2010/07/03 05:33:45	1.000	71.0	9.1
325	2010/07/03 05:33:46	0.625	67.7	7.1
326	2010/07/03 05:33:48	0.625	68.6	8.9
327	2010/07/03 05:33:51	0.625	66.7	7.4
328	2010/07/03 05:33:52	0.625	70.5	9.9
329	2010/07/03 05:33:53	0.625	67.6	8.6
330	2010/07/03 05:33:54	0.625	68.0	8.6
331	2010/07/03 05:33:56	0.625	68.3	7.6
332	2010/07/03 05:33:57	0.625	68.5	8.5
333	2010/07/03 05:33:59	0.625	69.1	8.8
334	2010/07/03 05:34:00	0.625	71.4	9.6
335	2010/07/03 05:34:01	1.000	67.7	8.5
336	2010/07/03 05:34:03	0.625	67.4	7.6
337	2010/07/03 05:34:05	0.625	66.9	8.3
338	2010/07/03 05:34:07	0.625	68.7	8.3
339	2010/07/03 05:34:08	0.625	67.7	9.1
340	2010/07/03 05:34:11	0.625	67.5	6.4
341	2010/07/03 05:34:12	0.625	68.0	7.8
342	2010/07/03 05:34:13	0.625	68.1	7.8
343	2010/07/03 05:34:15	0.625	70.9	9.4
344	2010/07/03 05:34:16	0.625	68.1	8.2
345	2010/07/03 05:34:17	0.625	68.8	8.9
346	2010/07/03 05:34:18	0.625	71.3	9.1
347	2010/07/03 05:34:19	0.625	73.0	9.7
348	2010/07/03 05:34:20	0.625	64.8	10.1
349	2010/07/03 05:34:21	0.625	70.1	8.0
350	2010/07/03 05:34:23	0.625	71.0	8.8

351	2010/07/03 05:34:24	0.750	68.0	6.9
352	2010/07/03 05:34:25	0.625	69.9	8.4
353	2010/07/03 05:34:25	0.625	69.9	7.5
354	2010/07/03 05:34:26	0.625	72.9	9.6
355	2010/07/03 05:34:27	0.625	73.6	9.3
356	2010/07/03 05:34:28	0.625	75.5	9.5
357	2010/07/03 05:34:28	0.625	75.2	8.7
358	2010/07/03 05:34:29	0.625	75.7	8.4
359	2010/07/03 05:34:30	1.000	76.4	8.7
360	2010/07/03 05:34:32	0.750	73.3	6.9
361	2010/07/03 05:34:34	0.625	72.1	7.1
362	2010/07/03 05:34:44	0.625	64.4	6.1
363	2010/07/03 05:34:46	0.750	62.7	8.0
364	2010/07/03 05:34:48	0.500	70.7	11.0
365	2010/07/03 05:34:50	0.625	66.9	8.9
366	2010/07/03 05:34:53	0.625	66.8	9.1
367	2010/07/03 05:34:54	0.625	67.9	8.1
368	2010/07/03 05:34:55	0.625	68.6	9.4
369	2010/07/03 05:34:57	0.625	71.6	9.7
370	2010/07/03 05:34:59	0.500	70.7	9.6
371	2010/07/03 05:35:00	0.625	71.2	9.8
372	2010/07/03 05:35:00	0.625	69.6	8.3
373	2010/07/03 05:35:01	0.625	69.5	7.4
374	2010/07/03 05:35:03	0.625	68.6	9.6
375	2010/07/03 05:35:06	0.625	69.4	8.9
376	2010/07/03 05:35:07	0.750	68.9	8.1
377	2010/07/03 05:35:17	0.625	67.1	8.2
378	2010/07/03 05:35:17	0.625	68.7	8.4
379	2010/07/03 05:35:19	0.625	69.2	9.2
380	2010/07/03 05:35:20	0.625	66.2	7.9
381	2010/07/03 05:35:21	1.000	67.5	8.8
382	2010/07/03 05:35:23	0.625	70.8	9.6

383	2010/07/03 05:35:24	0.625	68.2	7.8
384	2010/07/03 05:35:25	0.625	66.4	7.6
385	2010/07/03 05:35:26	0.625	65.8	7.9
386	2010/07/03 05:35:27	0.625	66.4	8.3
387	2010/07/03 05:36:03	0.625	57.4	9.7
388	2010/07/03 05:36:03	0.750	59.6	8.6
389	2010/07/03 05:36:05	0.625	60.5	8.7
390	2010/07/03 05:36:06	0.625	60.4	8.1
391	2010/07/03 05:36:08	0.750	60.1	7.7
392	2010/07/03 05:36:09	0.625	60.3	8.0
393	2010/07/03 05:36:10	0.625	59.9	7.4
394	2010/07/03 05:36:11	0.625	63.0	9.1
395	2010/07/03 05:36:14	0.625	61.7	6.4
396	2010/07/03 05:36:15	0.750	60.6	7.2
397	2010/07/03 05:36:19	0.625	60.9	7.2
398	2010/07/03 05:36:20	0.625	60.1	6.6
399	2010/07/03 05:36:20	0.625	61.6	7.4
400	2010/07/03 05:36:22	0.625	62.5	7.7
401	2010/07/03 05:36:23	0.750	61.8	7.5
402	2010/07/03 05:36:26	0.625	60.6	7.2
403	2010/07/03 05:36:26	0.625	62.7	8.2
404	2010/07/03 05:36:28	0.750	61.3	7.5
405	2010/07/03 05:36:32	1.000	59.8	7.4
406	2010/07/03 05:36:33	0.625	59.8	6.9
407	2010/07/03 05:36:34	0.625	58.6	6.7
408	2010/07/03 05:36:34	0.625	60.0	7.6
409	2010/07/03 05:36:36	0.750	61.3	8.7
410	2010/07/03 05:36:37	0.625	60.5	7.7
411	2010/07/03 05:36:38	0.750	60.2	6.9
412	2010/07/03 05:36:39	0.625	61.0	7.4
413	2010/07/03 05:36:40	0.750	59.4	6.5
414	2010/07/03 05:36:41	0.750	58.6	6.7



415	2010/07/03 05:36:42	0.625	60.0	8.1
416	2010/07/03 05:36:46	0.750	60.4	8.6
417	2010/07/03 05:36:47	0.625	60.8	8.3
418	2010/07/03 05:36:48	0.625	59.3	6.4
419	2010/07/03 05:36:49	0.625	59.2	6.5
420	2010/07/03 05:36:50	0.625	59.5	7.4
421	2010/07/03 05:36:52	0.750	60.0	7.9
422	2010/07/03 05:36:53	0.625	59.6	6.6
423	2010/07/03 05:36:54	0.625	60.4	7.7
424	2010/07/03 05:36:56	0.625	59.9	7.5
425	2010/07/03 05:36:56	0.625	59.3	7.2
426	2010/07/03 05:36:58	0.625	65.6	10.0
427	2010/07/03 05:36:59	0.625	65.2	8.9
428	2010/07/03 05:37:00	0.625	67.4	9.3
429	2010/07/03 05:37:01	0.625	62.3	9.6
430	2010/07/03 05:37:02	0.625	66.8	8.4
431	2010/07/03 05:37:09	0.625	57.7	9.4
432	2010/07/03 05:38:45	0.875	51.2	7.5
433	2010/07/03 05:39:24	0.875	50.7	8.7
434	2010/07/03 05:42:36	0.875	54.6	8.6
435	2010/07/03 05:42:37	0.625	63.3	10.7
436	2010/07/03 05:42:38	0.625	64.9	9.2
437	2010/07/03 05:42:39	0.625	64.6	8.9
438	2010/07/03 05:42:39	0.625	67.3	9.0
439	2010/07/03 05:42:40	0.625	67.0	8.0
440	2010/07/03 05:42:41	0.625	68.0	7.7
441	2010/07/03 05:42:41	0.625	70.4	8.7
442	2010/07/03 05:42:42	0.625	70.5	8.2
443	2010/07/03 05:42:43	0.625	70.3	7.1
444	2010/07/03 05:42:44	0.625	67.8	6.2
445	2010/07/03 05:42:45	0.625	67.4	6.3
446	2010/07/03 05:42:46	0.625	69.0	8.3

447	2010/07/03 05:42:47	0.625	68.9	7.2
448	2010/07/03 05:42:47	0.625	68.4	6.8
449	2010/07/03 05:42:49	0.625	67.8	7.2
450	2010/07/03 05:42:49	0.750	69.2	7.7
451	2010/07/03 05:42:53	0.750	71.6	9.3
452	2010/07/03 05:42:54	0.625	68.8	8.2
453	2010/07/03 05:42:55	0.625	69.8	8.2
454	2010/07/03 05:42:56	0.625	70.0	8.3
455	2010/07/03 05:42:57	0.625	69.3	6.9
456	2010/07/03 05:42:59	0.625	68.7	7.7
457	2010/07/03 05:43:00	0.625	71.7	8.9
458	2010/07/03 05:43:02	0.625	71.8	8.5
459	2010/07/03 05:43:03	0.750	70.6	8.1
460	2010/07/03 05:43:04	0.625	68.2	7.3
461	2010/07/03 05:43:05	0.625	67.9	7.7
462	2010/07/03 05:43:06	0.625	72.0	9.5
463	2010/07/03 05:43:08	0.625	70.5	8.9
464	2010/07/03 05:43:09	0.625	70.4	8.3
465	2010/07/03 05:43:10	0.625	70.8	9.1
466	2010/07/03 05:43:12	0.625	70.8	9.3
467	2010/07/03 05:43:13	0.750	67.7	7.5
468	2010/07/03 05:43:14	0.625	70.3	9.3
469	2010/07/03 05:43:16	0.625	67.1	8.5
470	2010/07/03 05:43:17	0.750	67.1	8.1
471	2010/07/03 05:43:18	0.625	71.8	9.8
472	2010/07/03 05:43:19	0.625	68.4	8.3
473	2010/07/03 05:43:21	0.625	69.0	8.9
474	2010/07/03 05:43:22	0.625	67.0	8.4
475	2010/07/03 05:43:23	0.625	68.2	9.3
476	2010/07/03 05:43:24	0.625	68.6	8.7
477	2010/07/03 05:43:26	0.625	69.3	10.1
478	2010/07/03 05:43:27	0.625	71.5	9.6

479	2010/07/03 05:43:28	0.625	70.0	8.2
480	2010/07/03 05:43:30	0.625	67.5	7.2
481	2010/07/03 05:43:31	0.625	73.1	10.1
482	2010/07/03 05:43:32	0.625	70.1	9.1
483	2010/07/03 05:43:33	0.625	68.7	7.8
484	2010/07/03 05:43:35	0.625	69.1	9.1
485	2010/07/03 05:43:36	0.625	72.9	9.7
486	2010/07/03 05:43:37	0.625	69.7	8.2
487	2010/07/03 05:43:38	0.625	69.7	8.5
488	2010/07/03 05:43:40	0.625	71.8	9.7
489	2010/07/03 05:43:41	0.625	72.4	9.1
490	2010/07/03 05:43:43	0.625	70.2	9.4
491	2010/07/03 05:43:44	0.500	70.9	9.4
492	2010/07/03 05:43:45	1.000	70.6	9.1
493	2010/07/03 05:43:46	0.625	68.2	7.8
494	2010/07/03 05:43:47	1.000	66.9	8.4
495	2010/07/03 05:43:49	1.000	67.9	8.2
496	2010/07/03 05:43:50	0.625	70.3	9.5
497	2010/07/03 05:43:51	0.625	68.4	9.0
498	2010/07/03 05:43:52	0.625	70.9	9.4
499	2010/07/03 05:43:54	0.625	69.3	8.8
500	2010/07/03 05:43:57	0.625	64.1	7.5
501	2010/07/03 05:44:01	0.625	67.3	8.9
502	2010/07/03 05:44:02	0.625	64.4	7.5
503	2010/07/03 05:44:03	1.000	64.1	8.2
504	2010/07/03 05:44:05	0.625	65.7	9.3
505	2010/07/03 05:44:06	0.750	63.9	8.1
506	2010/07/03 05:44:07	0.625	66.0	9.0
507	2010/07/03 05:44:12	0.875	54.6	6.8
508	2010/07/03 05:44:13	0.750	54.3	6.4
509	2010/07/03 05:44:14	0.875	54.3	7.3
510	2010/07/03 05:44:15	0.625	56.4	7.6

511	2010/07/03 05:44:16	0.750	57.7	8.4
512	2010/07/03 05:44:17	0.625	57.3	7.1
513	2010/07/03 05:44:18	0.625	59.2	8.0
514	2010/07/03 05:44:18	0.750	59.0	7.7
515	2010/07/03 05:44:20	0.750	54.5	6.6
516	2010/07/03 05:44:21	0.750	58.7	8.9
517	2010/07/03 05:44:22	0.750	55.6	6.7
518	2010/07/03 05:44:23	0.625	59.1	9.2
519	2010/07/03 05:44:24	0.750	58.7	8.2
520	2010/07/03 05:44:27	0.625	69.2	10.8
521	2010/07/03 05:44:32	0.625	68.8	8.4
522	2010/07/03 05:44:32	0.750	70.3	8.8
523	2010/07/03 05:44:33	0.625	66.1	8.8
524	2010/07/03 05:44:34	0.625	66.1	7.6
525	2010/07/03 05:44:35	0.625	67.9	8.3
526	2010/07/03 05:44:36	0.625	69.4	8.4
527	2010/07/03 05:44:38	0.625	64.5	6.5
528	2010/07/03 05:44:39	0.625	63.8	6.6
529	2010/07/03 05:44:40	0.625	64.3	8.0
530	2010/07/03 05:44:41	0.750	65.7	8.4
531	2010/07/03 05:47:23	0.750	48.5	8.3
532	2010/07/03 05:47:25	0.875	48.4	7.7
533	2010/07/03 05:47:27	1.000	48.2	7.5
534	2010/07/03 05:47:29	1.000	49.0	8.7
535	2010/07/03 05:47:37	0.750	49.9	8.4
536	2010/07/03 05:47:40	0.875	47.6	9.3
537	2010/07/03 05:47:42	0.875	48.9	10.2
538	2010/07/03 05:47:51	0.875	53.7	8.9
539	2010/07/03 05:48:00	0.625	52.7	9.7
540	2010/07/03 05:48:05	1.000	52.2	8.6
541	2010/07/03 05:48:41	0.875	47.8	6.4
542	2010/07/03 06:00:13	0.750	54.7	10.0

543	2010/07/03 06:05:42	0.750	50.8	9.6
544	2010/07/03 06:05:43	0.750	51.8	8.7
545	2010/07/03 06:05:50	0.625	57.3	9.8
546	2010/07/03 06:05:50	0.625	66.2	11.0
547	2010/07/03 06:05:51	0.625	69.4	9.6
548	2010/07/03 06:05:52	0.625	71.5	9.4
549	2010/07/03 06:05:53	0.625	71.7	9.9
550	2010/07/03 06:05:54	0.625	70.5	8.6
551	2010/07/03 06:05:56	0.625	73.0	10.0
552	2010/07/03 06:05:57	0.750	63.7	11.1
553	2010/07/03 06:05:58	0.625	74.7	10.3
554	2010/07/03 06:05:59	0.625	72.7	8.4
555	2010/07/03 06:06:00	0.625	64.9	9.0
556	2010/07/03 06:06:01	0.625	69.2	7.8
557	2010/07/03 06:06:01	0.625	68.5	7.4
558	2010/07/03 06:06:02	0.625	67.9	6.9
559	2010/07/03 06:06:03	0.625	58.8	7.5
560	2010/07/03 06:06:04	0.625	61.4	8.1
561	2010/07/03 06:06:05	0.625	57.7	7.8
562	2010/07/03 06:06:05	0.625	59.2	7.0
563	2010/07/03 06:06:06	0.750	58.5	7.2
564	2010/07/03 06:06:07	0.750	58.9	7.5
565	2010/07/03 06:06:08	0.625	60.0	8.8
566	2010/07/03 06:06:09	0.625	59.8	8.4
567	2010/07/03 06:06:09	0.625	58.1	7.5
568	2010/07/03 06:06:10	0.625	55.5	7.4
569	2010/07/03 06:06:11	0.625	57.4	7.5
570	2010/07/03 06:06:12	0.750	58.9	8.4
571	2010/07/03 06:06:13	0.625	55.7	8.1
572	2010/07/03 06:06:14	0.625	56.8	7.9
573	2010/07/03 06:06:15	0.625	55.8	6.9
574	2010/07/03 06:06:16	0.625	55.8	8.0

575	2010/07/03 06:06:17	0.625	59.0	9.5
576	2010/07/03 06:06:17	0.750	56.2	7.8
577	2010/07/03 06:06:18	0.625	59.5	9.0
578	2010/07/03 06:06:20	0.750	55.4	8.7
579	2010/07/03 06:06:21	0.625	57.9	9.2
580	2010/07/03 06:06:22	0.750	53.4	8.7
581	2010/07/03 06:06:24	0.750	54.8	7.6
582	2010/07/03 06:06:25	0.750	54.3	7.8
583	2010/07/03 06:06:26	0.625	57.4	9.2
584	2010/07/03 06:06:27	0.625	55.7	8.2
585	2010/07/03 06:06:28	0.750	54.8	8.0
586	2010/07/03 06:06:30	0.750	55.9	8.9
587	2010/07/03 06:06:32	0.750	55.2	8.5
588	2010/07/03 06:06:33	0.625	64.9	10.7
589	2010/07/03 06:06:33	0.625	70.0	9.7
590	2010/07/03 06:06:34	0.625	71.3	9.1
591	2010/07/03 06:06:35	0.625	63.4	9.7
592	2010/07/03 06:06:36	0.625	66.1	9.9
593	2010/07/03 06:06:37	0.625	70.5	9.7
594	2010/07/03 06:06:38	0.625	66.8	9.0
595	2010/07/03 06:06:39	0.750	67.3	8.5
596	2010/07/03 06:06:40	0.625	66.6	8.4
597	2010/07/03 06:06:41	0.625	65.4	8.3
598	2010/07/03 06:06:42	0.625	67.0	8.8
599	2010/07/03 06:06:43	0.625	70.5	9.1
600	2010/07/03 06:06:44	0.625	69.6	8.0
601	2010/07/03 06:06:45	0.625	66.2	7.4
602	2010/07/03 06:06:46	0.625	68.3	8.9
603	2010/07/03 06:06:47	0.625	68.0	7.8
604	2010/07/03 06:06:49	0.625	67.8	8.6
605	2010/07/03 06:06:50	0.625	71.2	9.0
606	2010/07/03 06:06:52	0.625	71.6	8.9

607	2010/07/03 06:06:53	0.625	69.7	7.7
608	2010/07/03 06:06:53	0.500	70.7	8.7
609	2010/07/03 06:06:54	0.625	65.2	8.5
610	2010/07/03 06:06:55	0.625	64.7	8.0
611	2010/07/03 06:06:56	0.625	64.8	7.0
612	2010/07/03 06:06:56	0.625	64.9	7.5
613	2010/07/03 06:06:57	0.625	66.8	8.6
614	2010/07/03 06:06:59	0.625	69.9	8.7
615	2010/07/03 06:07:02	0.750	54.1	9.7
616	2010/07/03 06:07:03	1.000	52.0	11.3
617	2010/07/03 06:07:07	0.875	54.6	8.3
618	2010/07/03 06:07:09	0.750	56.4	9.6
619	2010/07/03 06:07:12	0.625	55.7	9.6
620	2010/07/03 06:07:14	0.750	56.7	8.1
621	2010/07/03 06:07:15	0.875	56.3	7.7
622	2010/07/03 06:07:17	0.625	56.2	8.5
623	2010/07/03 06:07:19	0.625	57.7	9.7
624	2010/07/03 06:07:19	0.875	55.3	7.8
625	2010/07/03 06:07:20	0.625	58.0	8.8
626	2010/07/03 06:07:28	0.875	54.6	8.5
627	2010/07/03 06:07:44	0.875	48.9	8.1
628	2010/07/03 06:08:34	1.000	50.8	6.9
629	2010/07/03 06:09:00	0.750	60.2	8.5
630	2010/07/03 06:09:01	0.625	60.6	8.0
631	2010/07/03 06:09:02	0.625	60.9	7.8
632	2010/07/03 06:09:03	0.625	61.0	7.2
633	2010/07/03 06:09:03	0.625	59.9	6.7
634	2010/07/03 06:09:04	0.625	60.3	7.8
635	2010/07/03 06:09:05	0.750	56.1	7.4
636	2010/07/03 06:09:07	0.625	55.3	7.8
637	2010/07/03 06:09:11	0.625	57.9	9.3
638	2010/07/03 06:09:12	0.625	59.3	8.4

639	2010/07/03 06:09:13	0.750	60.8	7.9
640	2010/07/03 06:09:13	0.750	61.1	7.9
641	2010/07/03 06:09:14	0.625	61.6	8.0
642	2010/07/03 06:09:15	0.625	58.9	6.3
643	2010/07/03 06:09:16	0.625	59.1	7.1
644	2010/07/03 06:09:17	0.625	60.5	8.5
645	2010/07/03 06:09:18	0.625	63.0	9.2
646	2010/07/03 06:09:18	0.625	60.8	7.5
647	2010/07/03 06:09:19	0.625	59.3	6.5
648	2010/07/03 06:09:20	0.625	59.7	7.7
649	2010/07/03 06:09:21	0.625	59.9	7.9
650	2010/07/03 06:09:22	0.625	61.2	7.9
651	2010/07/03 06:09:22	0.625	61.8	7.8
652	2010/07/03 06:09:24	0.625	58.2	6.9
653	2010/07/03 06:09:24	0.750	58.4	6.3
654	2010/07/03 06:09:25	0.625	59.2	7.3
655	2010/07/03 06:09:26	0.625	57.4	6.4
656	2010/07/03 06:09:27	0.625	60.8	8.2
657	2010/07/03 06:09:36	0.625	71.1	11.1
658	2010/07/03 06:09:37	0.625	67.6	8.6
659	2010/07/03 06:11:00	0.750	53.8	9.7
660	2010/07/03 06:11:31	0.625	61.0	11.5
661	2010/07/03 06:15:34	0.750	67.3	8.8
662	2010/07/03 06:21:25	0.875	57.0	8.3
663	2010/07/03 06:23:49	0.625	55.3	10.6
664	2010/07/03 06:23:58	0.750	51.5	9.2
665	2010/07/03 06:24:07	0.875	51.5	9.3
666	2010/07/03 06:24:10	0.875	51.2	8.2
667	2010/07/03 06:26:07	0.750	59.4	10.1
668	2010/07/03 06:26:15	0.625	63.7	7.1
669	2010/07/03 06:26:17	0.625	64.0	7.8
670	2010/07/03 06:26:22	0.750	54.6	6.1



671	2010/07/03 06:26:23	0.750	58.2	8.4
672	2010/07/03 06:26:25	0.625	63.3	10.1
673	2010/07/03 06:26:25	0.625	66.5	9.2
674	2010/07/03 06:26:26	0.625	68.9	9.9
675	2010/07/03 06:26:27	0.625	67.1	8.7
676	2010/07/03 06:26:27	0.625	69.6	8.6
677	2010/07/03 06:26:28	0.750	69.5	8.0
678	2010/07/03 06:26:29	0.625	68.5	6.9
679	2010/07/03 06:26:33	0.625	59.1	7.0
680	2010/07/03 06:26:35	0.625	59.5	9.1
681	2010/07/03 06:26:35	0.750	58.2	7.9
682	2010/07/03 06:26:36	0.875	59.7	9.1
683	2010/07/03 06:26:38	0.750	58.3	8.8
684	2010/07/03 06:26:39	0.625	60.3	8.9
685	2010/07/03 06:26:40	0.625	67.9	10.4
686	2010/07/03 06:26:41	0.625	74.0	10.3
687	2010/07/03 06:26:43	0.750	52.6	12.8
688	2010/07/03 06:26:44	0.875	49.8	15.0
689	2010/07/03 06:29:10	0.750	52.4	8.2
690	2010/07/03 06:30:02	0.875	49.6	9.4
691	2010/07/03 06:31:16	0.625	58.3	10.5
692	2010/07/03 06:31:17	0.625	63.4	9.9
693	2010/07/03 06:31:18	0.625	62.7	8.6
694	2010/07/03 06:31:20	0.625	61.5	9.4
695	2010/07/03 06:31:23	0.750	49.1	10.6
696	2010/07/03 06:31:23	0.750	50.0	8.6
697	2010/07/03 06:31:24	0.625	53.3	8.6
698	2010/07/03 06:31:26	0.625	55.4	7.8
699	2010/07/03 06:31:27	0.625	56.1	7.7
700	2010/07/03 06:31:28	0.625	57.9	8.0
701	2010/07/03 06:31:29	0.625	58.7	7.8
702	2010/07/03 06:31:31	0.625	55.6	6.3

703	2010/07/03 06:31:31	0.625	54.2	6.4
704	2010/07/03 06:31:32	0.750	57.3	7.6
705	2010/07/03 06:31:34	0.625	57.8	7.6
706	2010/07/03 06:31:35	0.625	55.1	7.5
707	2010/07/03 06:31:35	0.625	57.8	8.2
708	2010/07/03 06:31:38	0.875	54.1	7.3
709	2010/07/03 06:31:38	0.625	54.4	7.2
710	2010/07/03 06:31:39	0.625	58.4	8.7
711	2010/07/03 06:31:40	0.625	58.0	8.3
712	2010/07/03 06:31:41	0.625	54.7	7.7
713	2010/07/03 06:31:44	0.625	56.9	7.2
714	2010/07/03 06:31:44	0.625	59.7	8.4
715	2010/07/03 06:31:47	0.625	60.4	8.3
716	2010/07/03 06:31:47	0.625	60.8	8.0
717	2010/07/03 06:31:48	0.625	60.0	7.6
718	2010/07/03 06:31:49	0.750	57.3	6.7
719	2010/07/03 06:31:50	0.625	55.6	7.0
720	2010/07/03 06:31:51	0.625	57.3	8.3
721	2010/07/03 06:31:53	0.625	59.1	8.3
722	2010/07/03 06:31:53	0.625	59.8	8.2
723	2010/07/03 06:31:54	0.500	68.9	11.0
724	2010/07/03 06:31:55	0.625	68.6	9.8
725	2010/07/03 06:31:56	0.625	67.5	8.0
726	2010/07/03 06:31:57	0.625	67.4	7.4
727	2010/07/03 06:31:58	0.750	70.9	9.6
728	2010/07/03 06:31:59	0.625	71.6	9.8
729	2010/07/03 06:32:00	0.625	70.2	8.4
730	2010/07/03 06:32:01	0.625	69.3	7.9
731	2010/07/03 06:32:03	0.625	70.4	10.0
732	2010/07/03 06:32:04	0.625	71.5	9.3
733	2010/07/03 06:32:05	0.625	67.9	8.6
734	2010/07/03 06:32:06	0.750	73.3	9.9

735	2010/07/03 06:32:08	0.625	69.8	8.2
736	2010/07/03 06:32:08	0.625	70.3	9.1
737	2010/07/03 06:32:10	0.500	70.2	9.9
738	2010/07/03 06:32:11	0.625	74.6	9.7
739	2010/07/03 06:32:12	0.625	72.7	8.4
740	2010/07/03 06:32:12	0.625	69.5	7.7
741	2010/07/03 06:32:13	0.625	69.0	8.2
742	2010/07/03 06:32:14	0.625	73.9	9.0
743	2010/07/03 06:32:15	0.750	69.2	7.8
744	2010/07/03 06:32:16	0.625	68.6	7.4
745	2010/07/03 06:32:18	0.625	73.5	9.9
746	2010/07/03 06:32:19	0.625	66.7	10.0
747	2010/07/03 06:32:22	0.625	68.2	10.0
748	2010/07/03 06:32:23	0.750	70.3	9.4
749	2010/07/03 06:32:23	0.625	70.5	8.1
750	2010/07/03 06:32:25	0.625	58.9	9.4
751	2010/07/03 06:32:26	0.625	61.0	8.7
752	2010/07/03 06:32:27	0.625	58.0	7.6
753	2010/07/03 06:32:29	0.750	58.9	8.3
754	2010/07/03 06:32:30	0.625	60.4	9.4
755	2010/07/03 06:32:31	0.625	58.1	8.3
756	2010/07/03 06:32:33	0.625	58.8	9.3
757	2010/07/03 06:32:34	0.625	59.6	9.4
758	2010/07/03 06:32:35	0.750	60.6	8.6
759	2010/07/03 06:32:36	0.625	61.0	8.0
760	2010/07/03 06:32:37	0.625	63.7	9.3
761	2010/07/03 06:32:38	0.625	62.2	7.5
762	2010/07/03 06:32:39	0.625	62.7	8.5
763	2010/07/03 06:32:41	0.625	61.2	8.7
764	2010/07/03 06:32:42	0.625	65.0	10.5
765	2010/07/03 06:32:43	0.625	65.8	8.9
766	2010/07/03 06:32:45	0.625	66.5	9.4

767	2010/07/03 06:32:46	0.625	61.1	7.9
768	2010/07/03 06:32:49	0.625	58.8	9.2
769	2010/07/03 06:32:51	0.625	58.7	8.4
770	2010/07/03 06:32:52	0.750	57.5	8.0
771	2010/07/03 06:32:54	0.625	58.5	8.5
772	2010/07/03 06:32:54	0.625	56.4	7.1
773	2010/07/03 06:32:55	0.625	58.1	8.1
774	2010/07/03 06:32:57	0.750	60.3	8.7
775	2010/07/03 06:32:58	0.625	61.5	9.4
776	2010/07/03 06:33:00	0.625	61.4	8.9
777	2010/07/03 06:33:01	0.625	57.2	8.5
778	2010/07/03 06:33:02	0.625	57.3	7.8
779	2010/07/03 06:33:03	0.625	60.0	8.9
780	2010/07/03 06:33:05	0.750	58.8	9.1
781	2010/07/03 06:33:06	0.750	53.1	9.3
782	2010/07/03 06:33:09	0.625	51.2	8.5
783	2010/07/03 06:33:10	0.625	53.7	9.8
784	2010/07/03 06:33:12	0.750	62.1	9.9
785	2010/07/03 06:33:13	0.625	64.7	9.4
786	2010/07/03 06:33:14	0.625	62.9	8.6
787	2010/07/03 06:33:15	0.625	63.1	8.0
788	2010/07/03 06:33:16	0.625	61.3	7.4
789	2010/07/03 06:33:17	0.625	61.1	7.0
790	2010/07/03 06:33:18	0.625	64.6	8.4
791	2010/07/03 06:33:20	0.625	57.6	7.3
792	2010/07/03 06:33:21	0.625	61.0	8.2
793	2010/07/03 06:33:21	0.750	59.6	7.3
794	2010/07/03 06:33:22	0.625	65.9	9.1
795	2010/07/03 06:33:24	0.750	55.0	9.5
796	2010/07/03 06:33:25	0.625	57.9	7.5
797	2010/07/03 06:33:26	0.750	58.6	7.8
798	2010/07/03 06:33:28	0.625	58.3	8.9

799	2010/07/03 06:33:30	0.750	57.6	8.1
800	2010/07/03 06:33:33	0.750	57.8	8.3
801	2010/07/03 06:33:35	0.875	57.1	7.5
802	2010/07/03 06:37:40	1.000	51.1	8.2
803	2010/07/03 06:39:05	0.750	56.9	9.0
804	2010/07/03 06:40:12	0.750	48.3	7.0
805	2010/07/03 06:40:18	1.000	50.0	8.2
806	2010/07/03 06:40:49	0.875	48.2	6.8
807	2010/07/03 06:40:51	1.000	48.5	7.4
808	2010/07/03 06:43:40	0.625	54.7	9.9
809	2010/07/03 06:43:44	1.000	54.2	8.5
810	2010/07/03 06:43:46	0.875	51.1	7.4
811	2010/07/03 06:46:18	0.750	51.2	8.8
812	2010/07/03 06:46:21	0.875	51.9	7.9
813	2010/07/03 06:49:28	0.750	55.1	10.4
814	2010/07/03 06:49:51	0.625	59.3	8.7
815	2010/07/03 06:49:51	0.625	58.4	7.9
816	2010/07/03 06:49:52	0.625	58.7	7.8
817	2010/07/03 06:49:56	0.625	59.1	6.2
818	2010/07/03 06:50:06	0.625	58.5	9.8
819	2010/07/03 06:50:07	0.750	56.4	7.9
820	2010/07/03 06:59:30	0.625	57.9	10.0
821	2010/07/03 06:59:33	0.625	59.2	6.3
822	2010/07/03 06:59:39	0.625	60.5	7.1
823	2010/07/03 06:59:55	0.625	64.7	7.2
824	2010/07/03 07:00:28	0.750	63.4	8.6
825	2010/07/03 07:00:34	0.875	65.0	8.6
826	2010/07/03 07:01:07	0.750	55.4	8.8
827	2010/07/03 07:01:11	0.625	57.3	8.2
828	2010/07/03 07:01:12	0.625	56.7	7.9
829	2010/07/03 07:01:13	0.625	56.9	8.2
830	2010/07/03 07:01:13	0.625	57.2	7.5

831	2010/07/03 07:01:20	0.625	56.6	8.3
832	2010/07/03 07:01:26	0.625	56.4	8.8
833	2010/07/03 07:01:28	0.750	54.9	7.6
834	2010/07/03 07:01:33	0.625	56.2	8.4
835	2010/07/03 07:01:35	0.750	56.5	8.0
836	2010/07/03 07:01:36	0.750	57.6	8.7
837	2010/07/03 07:01:38	0.625	58.4	9.5
838	2010/07/03 07:01:39	0.750	56.5	8.2
839	2010/07/03 07:01:40	0.750	57.0	8.0
840	2010/07/03 07:01:43	1.000	55.4	8.4
841	2010/07/03 07:01:47	0.625	55.8	9.8
842	2010/07/03 07:01:50	0.625	56.0	9.3
843	2010/07/03 07:01:52	0.750	56.3	8.9
844	2010/07/03 07:01:55	0.750	57.3	8.5
845	2010/07/03 07:01:56	0.750	56.7	8.1
846	2010/07/03 07:01:57	0.625	56.2	8.3
847	2010/07/03 07:01:58	0.625	56.7	8.4
848	2010/07/03 07:01:59	0.750	54.2	8.1
849	2010/07/03 07:02:00	0.625	58.0	8.7
850	2010/07/03 07:02:01	0.750	56.8	7.7
851	2010/07/03 07:02:02	0.750	56.8	7.9
852	2010/07/03 07:02:06	0.875	57.3	8.2
853	2010/07/03 07:02:12	0.750	56.6	8.3
854	2010/07/03 07:02:15	0.750	56.2	7.3
855	2010/07/03 07:02:16	0.750	58.8	9.2
856	2010/07/03 07:02:18	0.750	57.8	7.7
857	2010/07/03 07:02:19	1.000	57.4	7.6
858	2010/07/03 07:02:41	0.875	57.2	7.5
859	2010/07/03 07:02:44	0.625	57.9	9.3
860	2010/07/03 07:02:45	0.625	59.4	9.0
861	2010/07/03 07:02:48	0.750	58.8	8.3
862	2010/07/03 07:03:07	0.625	55.4	7.3

863	2010/07/03 07:03:14	0.750	57.5	7.5
864	2010/07/03 07:03:15	0.750	57.7	7.6
865	2010/07/03 07:03:18	0.750	59.5	8.8
866	2010/07/03 07:03:20	0.625	54.5	7.0
867	2010/07/03 07:03:22	0.750	57.9	9.8
868	2010/07/03 07:03:23	0.750	54.8	7.1
869	2010/07/03 07:03:24	0.625	60.2	9.7
870	2010/07/03 07:03:26	0.750	58.3	8.5
871	2010/07/03 07:03:27	0.750	58.0	8.6
872	2010/07/03 07:03:28	0.625	59.5	8.9
873	2010/07/03 07:03:30	0.750	57.7	7.0
874	2010/07/03 07:03:30	0.750	57.1	7.5
875	2010/07/03 07:03:32	0.750	57.2	7.8
876	2010/07/03 07:03:34	0.625	59.2	9.8
877	2010/07/03 07:03:36	0.750	58.8	8.6
878	2010/07/03 07:03:38	0.625	64.1	9.5
879	2010/07/03 07:03:39	1.000	67.2	9.9
880	2010/07/03 07:03:56	0.750	58.8	6.7
881	2010/07/03 07:03:59	0.750	59.5	7.9
882	2010/07/03 07:04:04	0.625	56.9	8.6
883	2010/07/03 07:04:06	0.750	57.3	8.3
884	2010/07/03 07:04:09	0.750	58.8	10.1
885	2010/07/03 07:04:10	1.000	60.1	9.6
886	2010/07/03 07:04:15	1.000	60.9	9.4
887	2010/07/03 07:04:35	0.625	57.8	8.4
888	2010/07/03 07:05:56	0.750	68.5	7.5
889	2010/07/03 07:05:58	0.625	68.5	8.9
890	2010/07/03 07:06:01	0.875	65.2	7.1
891	2010/07/03 07:06:02	0.625	66.0	8.4
892	2010/07/03 07:06:03	0.750	65.6	8.3
893	2010/07/03 07:06:04	1.000	64.2	7.0
894	2010/07/03 07:06:07	0.625	66.1	9.2

895	2010/07/03 07:06:08	0.750	67.2	9.0
896	2010/07/03 07:06:49	0.625	65.2	8.6
897	2010/07/03 07:06:50	0.750	63.8	7.9
898	2010/07/03 07:06:51	0.625	64.7	7.6
899	2010/07/03 07:06:52	0.625	65.4	8.4
900	2010/07/03 07:06:53	0.750	65.5	8.2
901	2010/07/03 07:06:54	0.750	64.6	7.5
902	2010/07/03 07:06:55	0.750	64.4	7.6
903	2010/07/03 07:06:56	0.750	65.0	8.1
904	2010/07/03 07:06:58	0.625	64.8	8.2
905	2010/07/03 07:07:01	0.875	58.4	7.6
906	2010/07/03 07:07:02	0.625	60.5	9.1
907	2010/07/03 07:07:05	0.625	61.8	9.1
908	2010/07/03 07:07:06	0.750	59.4	8.2
909	2010/07/03 07:07:09	0.625	63.4	8.4
910	2010/07/03 07:07:13	0.625	62.5	8.4
911	2010/07/03 07:07:13	0.750	62.3	7.8
912	2010/07/03 07:07:14	0.875	58.6	6.8
913	2010/07/03 07:07:16	0.625	60.4	8.4
914	2010/07/03 07:07:17	0.750	59.8	8.0
915	2010/07/03 07:07:19	0.750	59.8	8.2
916	2010/07/03 07:07:21	0.875	58.3	8.3
917	2010/07/03 07:10:32	0.875	54.8	8.2
918	2010/07/03 07:17:24	0.625	56.7	10.0
919	2010/07/03 07:17:26	0.625	54.0	10.1
920	2010/07/03 07:18:27	0.750	57.2	9.8
921	2010/07/03 07:21:24	0.750	73.2	9.5
922	2010/07/03 07:21:28	0.625	65.6	10.2
923	2010/07/03 07:22:32	0.750	52.3	9.1
924	2010/07/03 07:22:34	0.625	54.3	9.9
925	2010/07/03 07:22:35	0.750	61.4	9.8
926	2010/07/03 07:22:50	0.750	58.2	7.3



927	2010/07/03 07:22:51	0.750	60.3	8.5
928	2010/07/03 07:22:52	0.625	60.2	8.1
929	2010/07/03 07:22:53	0.625	59.3	7.3
930	2010/07/03 07:22:59	0.750	57.6	7.2
931	2010/07/03 07:23:00	0.625	58.1	8.6
932	2010/07/03 07:23:03	0.625	58.2	7.4
933	2010/07/03 07:23:04	0.875	57.6	6.4
934	2010/07/03 07:23:16	0.625	60.1	8.2
935	2010/07/03 07:23:29	0.750	61.1	8.8
936	2010/07/03 07:23:33	0.625	59.4	6.9
937	2010/07/03 07:23:39	0.625	59.1	7.1
938	2010/07/03 07:23:43	0.750	67.7	8.8
939	2010/07/03 07:24:25	0.625	69.5	11.7
940	2010/07/03 07:24:31	0.625	63.6	11.5
941	2010/07/03 07:24:52	0.875	52.5	10.2
942	2010/07/03 07:25:26	0.875	56.8	6.7
943	2010/07/03 07:25:28	0.875	57.9	7.8
944	2010/07/03 07:25:32	0.750	55.3	6.2
945	2010/07/03 07:25:39	0.625	56.7	9.2
946	2010/07/03 07:25:40	0.875	55.5	8.0
947	2010/07/03 07:25:41	0.750	57.1	8.6
948	2010/07/03 07:25:42	0.625	58.2	8.7
949	2010/07/03 07:25:53	1.000	77.0	8.8
950	2010/07/03 07:26:03	0.750	60.5	8.4
951	2010/07/03 07:26:05	0.875	58.1	7.4
952	2010/07/03 07:26:48	0.750	62.1	11.0
953	2010/07/03 07:33:02	0.750	54.8	10.0
954	2010/07/03 07:34:44	0.875	78.5	8.1
955	2010/07/03 07:34:57	0.625	59.1	8.9
956	2010/07/03 07:35:03	0.750	56.0	8.1
957	2010/07/03 07:35:04	0.750	57.5	9.5
958	2010/07/03 07:35:05	0.875	53.5	9.3

959	2010/07/03 07:35:06	0.875	52.8	8.0
960	2010/07/03 07:35:08	0.625	57.1	9.7
961	2010/07/03 07:35:11	0.750	56.0	8.3
962	2010/07/03 07:35:12	0.750	56.7	8.3
963	2010/07/03 07:35:15	0.500	65.4	11.5
964	2010/07/03 07:35:16	0.750	57.7	11.4
965	2010/07/03 07:35:18	0.750	55.9	8.9
966	2010/07/03 07:35:23	0.625	59.8	10.5
967	2010/07/03 07:35:24	0.625	57.0	8.4
968	2010/07/03 07:36:35	0.750	65.7	10.7
969	2010/07/03 07:39:01	0.875	53.1	7.1
970	2010/07/03 07:39:06	0.750	51.5	7.1
971	2010/07/03 07:39:08	0.750	53.1	7.4
972	2010/07/03 07:39:36	1.000	52.1	6.9
973	2010/07/03 07:39:40	0.875	53.2	8.3
974	2010/07/03 07:39:50	0.875	53.1	8.2
975	2010/07/03 07:39:51	1.000	52.0	8.3
976	2010/07/03 07:40:01	0.875	50.4	7.0
977	2010/07/03 07:40:15	0.750	54.0	7.9
978	2010/07/03 07:40:16	0.750	53.0	8.6
979	2010/07/03 07:40:19	0.875	50.9	8.2
980	2010/07/03 07:40:21	0.875	49.8	7.3
981	2010/07/03 07:40:22	0.625	52.1	8.3
982	2010/07/03 07:40:23	0.750	49.7	7.4
983	2010/07/03 07:40:24	0.625	52.3	8.8
984	2010/07/03 07:40:25	0.625	52.6	8.9
985	2010/07/03 07:40:26	0.750	52.6	8.4
986	2010/07/03 07:40:27	0.750	53.7	8.3
987	2010/07/03 07:40:29	0.625	55.7	9.0
988	2010/07/03 07:40:37	0.750	54.2	9.1
989	2010/07/03 07:40:45	0.750	53.7	9.4
990	2010/07/03 07:40:52	1.000	53.3	8.6

991	2010/07/03 07:41:03	0.875	54.6	8.4
992	2010/07/03 07:41:04	0.625	55.9	9.0
993	2010/07/03 07:41:13	0.625	53.5	9.7
994	2010/07/03 07:43:02	0.750	55.6	9.5
995	2010/07/03 07:43:05	0.750	55.3	7.3
996	2010/07/03 07:43:11	0.750	54.5	7.6
997	2010/07/03 07:43:14	0.750	53.7	8.1
998	2010/07/03 07:43:16	0.875	55.0	7.6
999	2010/07/03 07:43:20	0.625	55.5	9.2
1000	2010/07/03 07:43:21	0.750	54.7	7.9
1001	2010/07/03 07:43:22	0.750	55.4	8.3
1002	2010/07/03 07:43:23	0.750	53.3	7.4
1003	2010/07/03 07:43:24	0.750	56.4	8.9
1004	2010/07/03 07:43:26	0.625	55.6	7.6
1005	2010/07/03 07:43:28	0.625	56.8	7.6
1006	2010/07/03 07:43:29	0.625	59.1	8.7
1007	2010/07/03 07:43:30	0.625	68.9	11.1
1008	2010/07/03 07:43:31	0.625	66.1	9.7
1009	2010/07/03 07:43:32	0.625	69.0	10.1
1010	2010/07/03 07:43:33	0.625	70.5	8.6
1011	2010/07/03 07:43:34	0.625	68.5	7.5
1012	2010/07/03 07:43:35	0.625	70.0	8.5
1013	2010/07/03 07:43:36	0.500	71.4	8.8
1014	2010/07/03 07:43:37	0.625	64.4	9.5
1015	2010/07/03 07:43:37	0.625	67.9	6.9
1016	2010/07/03 07:43:38	0.625	68.7	7.9
1017	2010/07/03 07:43:39	0.500	66.1	6.9
1018	2010/07/03 07:43:42	0.875	56.9	7.4
1019	2010/07/03 07:47:29	0.750	55.1	10.3
1020	2010/07/03 07:50:17	0.625	58.5	10.1
1021	2010/07/03 07:51:58	0.875	58.5	8.4
1022	2010/07/03 07:52:00	1.000	66.3	8.8

1023	2010/07/03 07:52:02	0.625	62.6	8.6
1024	2010/07/03 07:52:03	0.875	59.4	7.9
1025	2010/07/03 07:52:06	0.875	56.5	9.0
1026	2010/07/03 07:52:09	1.000	59.0	8.6
1027	2010/07/03 07:52:18	0.750	65.3	9.7
1028	2010/07/03 07:52:41	0.750	62.3	9.0
1029	2010/07/03 07:52:42	0.750	59.5	7.6
1030	2010/07/03 07:52:48	0.750	56.8	6.6
1031	2010/07/03 07:52:55	1.000	56.2	6.2
1032	2010/07/03 07:52:58	0.875	58.9	6.7
1033	2010/07/03 07:53:06	0.750	56.8	7.8
1034	2010/07/03 07:53:24	1.000	65.4	7.8
1035	2010/07/03 07:53:26	0.875	55.7	9.3
1036	2010/07/03 07:53:27	0.875	56.2	6.5
1037	2010/07/03 07:53:28	1.000	57.7	7.2
1038	2010/07/03 07:53:32	1.000	60.2	8.3
1039	2010/07/03 07:53:34	1.000	54.9	6.9
1040	2010/07/03 07:54:03	0.875	58.5	9.0
1041	2010/07/03 07:54:09	1.000	58.7	7.2
1042	2010/07/03 07:54:10	0.750	57.6	6.3
1043	2010/07/03 07:54:11	0.750	57.8	7.4
1044	2010/07/03 07:54:12	0.750	59.8	8.0
1045	2010/07/03 07:54:34	0.750	61.1	8.8
1046	2010/07/03 07:55:20	0.750	63.3	8.4
1047	2010/07/03 07:55:29	0.750	58.1	7.0
1048	2010/07/03 07:55:33	0.750	59.6	6.5
1049	2010/07/03 07:55:34	0.625	57.6	6.2
1050	2010/07/03 07:55:38	0.625	68.7	10.1
1051	2010/07/03 07:55:39	0.625	70.5	9.8
1052	2010/07/03 07:55:40	0.625	67.9	8.9
1053	2010/07/03 07:55:41	0.750	66.6	7.5
1054	2010/07/03 07:55:42	0.625	73.6	10.1

1055	2010/07/03 07:55:44	0.750	66.8	9.6
1056	2010/07/03 07:55:46	1.000	72.7	9.6
1057	2010/07/03 07:55:47	0.750	66.2	9.0
1058	2010/07/03 07:55:48	0.750	66.9	7.7
1059	2010/07/03 07:55:49	0.750	71.9	9.5
1060	2010/07/03 07:55:51	0.625	67.2	8.4
1061	2010/07/03 07:55:52	0.750	67.9	7.1
1062	2010/07/03 07:55:53	0.625	67.8	8.2
1063	2010/07/03 07:55:53	0.625	68.6	8.4
1064	2010/07/03 07:55:54	0.750	67.6	7.8
1065	2010/07/03 07:55:56	0.625	67.5	8.6
1066	2010/07/03 07:55:59	0.875	67.1	7.2
1067	2010/07/03 07:56:00	0.625	65.7	7.2
1068	2010/07/03 07:56:01	0.625	63.4	6.6
1069	2010/07/03 07:56:05	0.625	62.3	6.6
1070	2010/07/03 07:56:07	0.625	65.0	9.5
1071	2010/07/03 07:56:10	0.625	65.0	9.1
1072	2010/07/03 07:56:11	0.625	64.2	8.6
1073	2010/07/03 07:56:12	0.625	62.8	7.9
1074	2010/07/03 07:56:15	0.625	59.4	9.0
1075	2010/07/03 07:56:17	0.625	61.0	10.8
1076	2010/07/03 07:56:18	0.625	60.3	8.7
1077	2010/07/03 07:56:19	0.750	57.9	8.0
1078	2010/07/03 07:56:21	0.750	59.8	8.6
1079	2010/07/03 07:56:22	0.875	57.5	7.7
1080	2010/07/03 07:56:23	0.625	58.1	7.9
1081	2010/07/03 07:56:24	0.750	60.0	8.9
1082	2010/07/03 07:56:25	0.750	58.8	8.4
1083	2010/07/03 07:56:27	0.625	60.6	8.3
1084	2010/07/03 07:56:29	0.875	59.4	6.6
1085	2010/07/03 07:56:32	0.875	59.7	7.2
1086	2010/07/03 07:56:35	0.750	62.4	8.3

1087	2010/07/03 07:56:38	0.625	62.9	8.4
1088	2010/07/03 07:56:39	0.750	59.6	7.6
1089	2010/07/03 07:56:44	0.625	55.8	7.0
1090	2010/07/03 07:56:46	0.750	62.2	7.9
1091	2010/07/03 07:56:52	0.750	62.8	7.7
1092	2010/07/03 07:56:55	0.750	64.3	8.2
1093	2010/07/03 07:56:57	0.625	63.8	7.5
1094	2010/07/03 07:57:00	0.750	60.5	7.6
1095	2010/07/03 07:57:01	0.625	63.2	9.4
1096	2010/07/03 07:57:22	0.875	70.4	9.6
1097	2010/07/03 07:57:23	0.625	71.0	9.6
1098	2010/07/03 07:57:25	0.625	72.0	10.3
1099	2010/07/03 07:57:26	0.625	69.0	8.6
1100	2010/07/03 07:57:27	0.625	70.3	9.0
1101	2010/07/03 07:57:29	0.625	74.4	9.7
1102	2010/07/03 07:57:31	0.625	74.2	9.1
1103	2010/07/03 07:57:32	0.625	74.7	9.3
1104	2010/07/03 07:57:33	0.625	73.7	9.2
1105	2010/07/03 07:57:35	0.625	73.9	8.7
1106	2010/07/03 07:57:36	0.625	73.9	8.9
1107	2010/07/03 07:57:37	0.750	72.4	8.3
1108	2010/07/03 07:57:39	0.625	70.4	8.0
1109	2010/07/03 07:57:40	0.625	68.4	8.2
1110	2010/07/03 07:57:42	1.000	69.4	9.1
1111	2010/07/03 07:57:43	0.750	68.5	8.5
1112	2010/07/03 07:57:45	1.000	70.5	9.0
1113	2010/07/03 07:57:46	0.625	67.7	8.0
1114	2010/07/03 07:57:49	0.750	69.4	9.1
1115	2010/07/03 07:57:50	0.625	69.1	8.7
1116	2010/07/03 07:57:59	0.750	64.2	7.9
1117	2010/07/03 07:58:01	0.625	64.0	8.3
1118	2010/07/03 07:58:03	0.750	60.0	7.2

1119	2010/07/03 07:58:19	0.625	70.4	10.1
1120	2010/07/03 07:58:20	0.625	69.3	8.0
1121	2010/07/03 07:58:22	0.625	69.3	8.6
1122	2010/07/03 07:58:23	0.625	68.5	7.8
1123	2010/07/03 07:58:24	0.625	70.4	8.7
1124	2010/07/03 07:58:27	1.000	72.6	9.7
1125	2010/07/03 07:58:29	0.625	70.4	8.6
1126	2010/07/03 07:58:30	1.000	72.6	8.5
1127	2010/07/03 07:58:48	0.625	62.9	10.3
1128	2010/07/03 07:58:49	0.625	60.3	7.7
1129	2010/07/03 07:58:51	0.875	65.6	9.4
1130	2010/07/03 07:58:52	1.000	60.5	8.2
1131	2010/07/03 07:58:59	0.750	59.4	6.6
1132	2010/07/03 07:59:11	0.875	57.6	8.9
1133	2010/07/03 07:59:27	0.875	58.1	7.2
1134	2010/07/03 07:59:33	0.875	56.8	7.7
1135	2010/07/03 07:59:34	1.000	57.5	6.6
1136	2010/07/03 07:59:35	1.000	58.0	6.4
1137	2010/07/03 08:00:15	0.875	57.9	6.5
1138	2010/07/03 08:00:26	1.000	59.8	7.5
1139	2010/07/03 08:00:27	0.750	62.3	8.5
1140	2010/07/03 08:00:29	0.625	63.2	7.6
1141	2010/07/03 08:00:33	0.625	64.7	7.3
1142	2010/07/03 08:00:34	0.625	63.0	7.5
1143	2010/07/03 08:00:35	0.875	63.0	6.5
1144	2010/07/03 08:00:36	1.000	64.2	7.9
1145	2010/07/03 08:00:39	0.750	63.8	6.3
1146	2010/07/03 08:00:43	1.000	63.8	7.5
1147	2010/07/03 08:00:46	0.750	63.2	8.1
1148	2010/07/03 08:00:47	0.625	59.6	7.0
1149	2010/07/03 08:00:49	0.750	62.0	7.6
1150	2010/07/03 08:00:50	0.625	63.4	9.7

1151	2010/07/03 08:00:51	0.625	61.7	8.8
1152	2010/07/03 08:00:52	0.750	59.3	6.5
1153	2010/07/03 08:00:57	0.625	63.3	7.3
1154	2010/07/03 08:00:59	0.625	64.8	8.5
1155	2010/07/03 08:01:00	0.875	63.2	7.8
1156	2010/07/03 08:01:02	0.625	58.7	6.9
1157	2010/07/03 08:01:09	0.750	58.5	6.6
1158	2010/07/03 08:01:32	1.000	62.6	8.5
1159	2010/07/03 08:01:59	1.000	57.3	7.2
1160	2010/07/03 08:02:00	0.875	57.7	7.1
1161	2010/07/03 08:02:06	0.875	57.2	8.4
1162	2010/07/03 08:02:07	0.750	58.3	8.9
1163	2010/07/03 08:02:09	0.750	56.6	7.3
1164	2010/07/03 08:02:15	0.875	66.3	9.4
1165	2010/07/03 08:02:17	0.875	56.8	7.0
1166	2010/07/03 08:02:20	0.875	60.4	8.6
1167	2010/07/03 08:02:22	0.625	66.6	9.3
1168	2010/07/03 08:02:26	0.625	65.2	9.8
1169	2010/07/03 08:02:27	0.750	65.4	8.6
1170	2010/07/03 08:02:31	0.750	67.1	6.1
1171	2010/07/03 08:02:33	0.875	58.3	7.4
1172	2010/07/03 08:02:40	0.625	58.2	8.4
1173	2010/07/03 08:02:41	0.625	58.5	7.5
1174	2010/07/03 08:03:17	0.875	57.1	7.4
1175	2010/07/03 08:03:20	0.750	55.9	6.9
1176	2010/07/03 08:03:21	0.625	58.5	7.8
1177	2010/07/03 08:03:24	0.625	60.4	8.7
1178	2010/07/03 08:03:25	0.750	63.2	8.6
1179	2010/07/03 08:03:27	1.000	55.2	9.3
1180	2010/07/03 08:03:34	0.875	58.0	7.4
1181	2010/07/03 08:03:39	1.000	56.1	7.5
1182	2010/07/03 08:03:45	1.000	56.0	7.9



1183	2010/07/03 08:03:52	0.875	56.4	7.3
1184	2010/07/03 08:03:53	0.875	57.3	8.1
1185	2010/07/03 08:03:55	0.875	56.6	7.8
1186	2010/07/03 08:04:01	0.875	57.2	7.2
1187	2010/07/03 08:04:03	0.875	58.8	8.6
1188	2010/07/03 08:04:06	0.875	56.7	7.5
1189	2010/07/03 08:04:09	0.750	56.8	8.3
1190	2010/07/03 08:04:15	0.750	58.4	7.8
1191	2010/07/03 08:04:16	0.875	57.0	6.4
1192	2010/07/03 08:04:18	0.875	57.6	7.7
1193	2010/07/03 08:04:46	0.875	55.7	8.0
1194	2010/07/03 08:04:49	0.875	56.4	7.9
1195	2010/07/03 08:04:56	0.750	59.0	9.1
1196	2010/07/03 08:05:05	0.875	55.3	7.3
1197	2010/07/03 08:05:24	0.875	55.5	8.9
1198	2010/07/03 08:05:29	0.875	56.5	8.0
1199	2010/07/03 08:05:30	0.750	57.3	7.5
1200	2010/07/03 08:05:32	0.750	57.1	8.0
1201	2010/07/03 08:05:33	0.750	56.3	7.5
1202	2010/07/03 08:05:35	0.750	57.2	8.1
1203	2010/07/03 08:05:36	0.750	57.8	8.0
1204	2010/07/03 08:05:37	0.750	57.3	7.7
1205	2010/07/03 08:05:40	0.750	56.5	8.3
1206	2010/07/03 08:05:41	0.875	57.7	7.5
1207	2010/07/03 08:05:43	0.750	56.3	7.5
1208	2010/07/03 08:05:44	0.875	56.7	7.1
1209	2010/07/03 08:05:46	0.875	56.6	7.0
1210	2010/07/03 08:05:47	0.875	56.2	7.5
1211	2010/07/03 08:05:49	0.875	55.6	6.6
1212	2010/07/03 08:05:51	0.875	55.0	8.8
1213	2010/07/03 08:05:52	0.750	56.4	8.0
1214	2010/07/03 08:05:54	0.750	57.5	7.9

1215	2010/07/03 08:05:57	0.750	56.6	7.2
1216	2010/07/03 08:06:08	0.875	58.1	7.7
1217	2010/07/03 08:06:10	0.750	57.7	7.6
1218	2010/07/03 08:06:11	0.875	56.6	6.8
1219	2010/07/03 08:06:16	0.750	56.9	8.3
1220	2010/07/03 08:06:29	0.750	56.5	7.2
1221	2010/07/03 08:06:31	0.750	56.9	7.9
1222	2010/07/03 08:06:36	0.875	57.4	8.8
1223	2010/07/03 08:06:42	0.750	57.5	6.7
1224	2010/07/03 08:06:46	0.875	56.5	6.2
1225	2010/07/03 08:06:49	0.750	58.2	7.5
1226	2010/07/03 08:06:50	0.750	59.1	7.5
1227	2010/07/03 08:06:51	0.750	57.5	6.6
1228	2010/07/03 08:06:52	0.750	59.0	7.5
1229	2010/07/03 08:06:58	1.000	55.6	6.3
1230	2010/07/03 08:07:01	1.000	55.6	8.2
1231	2010/07/03 08:07:03	0.750	57.9	7.7
1232	2010/07/03 08:07:04	0.875	58.3	8.1
1233	2010/07/03 08:07:05	1.000	58.6	6.5
1234	2010/07/03 08:07:28	0.875	58.6	8.4
1235	2010/07/03 08:07:32	0.875	57.1	6.5
1236	2010/07/03 08:08:16	0.875	54.9	8.4
1237	2010/07/03 08:08:23	1.000	57.0	7.6
1238	2010/07/03 08:08:26	0.750	57.7	9.4
1239	2010/07/03 08:08:28	0.875	56.1	8.1
1240	2010/07/03 08:08:34	0.875	57.2	9.7
1241	2010/07/03 08:08:35	0.750	58.9	8.3
1242	2010/07/03 08:09:07	0.875	57.0	8.8
1243	2010/07/03 08:09:19	0.875	56.4	6.9
1244	2010/07/03 08:09:26	0.875	55.6	7.8
1245	2010/07/03 08:09:48	1.000	56.3	10.0
1246	2010/07/03 08:11:23	0.750	61.3	8.5

1247	2010/07/03 08:11:26	0.750	63.1	7.4
1248	2010/07/03 08:11:36	0.875	57.4	9.1
1249	2010/07/03 08:13:19	1.000	58.0	6.6
1250	2010/07/03 08:13:25	0.750	58.2	8.2
1251	2010/07/03 08:14:05	0.750	61.6	9.5
1252	2010/07/03 08:14:22	0.750	60.6	10.3
1253	2010/07/03 08:14:28	0.750	61.3	6.8
1254	2010/07/03 08:14:34	0.875	62.5	8.5
1255	2010/07/03 08:14:51	0.625	59.0	10.4
1256	2010/07/03 08:14:53	0.750	57.1	8.4
1257	2010/07/03 08:14:54	0.750	57.6	7.4
1258	2010/07/03 08:14:55	0.750	60.8	8.4
1259	2010/07/03 08:15:12	0.625	57.6	6.8
1260	2010/07/03 08:15:12	0.750	59.7	8.2
1261	2010/07/03 08:15:13	0.625	59.2	6.9
1262	2010/07/03 08:15:21	0.875	58.3	8.3
1263	2010/07/03 08:15:22	0.750	58.0	7.8
1264	2010/07/03 08:15:24	0.750	57.9	7.8
1265	2010/07/03 08:15:26	0.750	57.5	7.8
1266	2010/07/03 08:15:31	0.750	54.4	7.6
1267	2010/07/03 08:15:33	0.750	55.1	8.1
1268	2010/07/03 08:15:34	0.750	55.5	7.2
1269	2010/07/03 08:15:37	0.750	57.6	8.0
1270	2010/07/03 08:15:38	0.750	57.1	7.4
1271	2010/07/03 08:15:39	0.750	56.2	6.2
1272	2010/07/03 08:15:41	0.750	56.6	7.5
1273	2010/07/03 08:15:44	0.750	56.2	7.9
1274	2010/07/03 08:15:52	0.750	54.3	8.4
1275	2010/07/03 08:15:55	0.625	55.7	8.3
1276	2010/07/03 08:16:00	0.750	55.1	7.5
1277	2010/07/03 08:16:01	0.750	56.0	6.1
1278	2010/07/03 08:16:03	0.750	56.3	7.7

1279	2010/07/03 08:16:04	0.625	57.1	7.7
1280	2010/07/03 08:16:05	0.625	55.5	6.4
1281	2010/07/03 08:16:06	0.625	53.8	6.4
1282	2010/07/03 08:16:07	1.000	55.5	6.9
1283	2010/07/03 08:16:08	0.750	55.2	7.7
1284	2010/07/03 08:16:11	0.750	57.6	8.3
1285	2010/07/03 08:16:12	0.750	58.7	8.6
1286	2010/07/03 08:16:13	0.625	59.0	8.5
1287	2010/07/03 08:16:13	0.625	57.0	6.9
1288	2010/07/03 08:16:15	0.625	58.5	8.0
1289	2010/07/03 08:16:15	0.625	60.0	8.3
1290	2010/07/03 08:16:16	0.625	59.9	7.7
1291	2010/07/03 08:16:17	0.625	57.7	6.3
1292	2010/07/03 08:16:19	0.750	62.0	8.5
1293	2010/07/03 08:16:20	0.750	59.6	7.8
1294	2010/07/03 08:16:21	0.750	57.6	6.3
1295	2010/07/03 08:16:23	0.625	57.1	7.4
1296	2010/07/03 08:16:24	1.000	56.8	7.8
1297	2010/07/03 08:16:25	0.750	56.5	6.9
1298	2010/07/03 08:16:26	0.625	57.5	7.4
1299	2010/07/03 08:16:27	0.625	60.6	8.9
1300	2010/07/03 08:16:29	0.625	57.9	8.1
1301	2010/07/03 08:16:30	0.625	58.8	8.3
1302	2010/07/03 08:16:31	0.625	58.1	7.5
1303	2010/07/03 08:16:33	0.750	60.2	8.8
1304	2010/07/03 08:16:34	0.625	59.4	8.3
1305	2010/07/03 08:16:36	0.625	59.0	7.9
1306	2010/07/03 08:16:36	0.875	58.0	7.2
1307	2010/07/03 08:16:38	0.875	58.3	6.7
1308	2010/07/03 08:16:39	0.625	57.8	7.6
1309	2010/07/03 08:16:40	0.625	55.5	6.9
1310	2010/07/03 08:16:41	0.750	58.9	8.1

1311	2010/07/03 08:16:44	0.625	58.9	8.9
1312	2010/07/03 08:16:45	0.750	57.6	7.8
1313	2010/07/03 08:16:46	0.625	59.4	8.2
1314	2010/07/03 08:16:48	0.625	57.5	8.5
1315	2010/07/03 08:16:49	0.750	56.3	7.2
1316	2010/07/03 08:16:50	0.625	56.4	8.2
1317	2010/07/03 08:16:51	0.750	57.2	8.2
1318	2010/07/03 08:16:52	0.625	56.7	7.4
1319	2010/07/03 08:16:55	0.750	55.0	7.5
1320	2010/07/03 08:16:56	0.625	57.2	8.7
1321	2010/07/03 08:16:58	0.750	55.8	8.4
1322	2010/07/03 08:16:59	0.750	56.5	7.5
1323	2010/07/03 08:17:00	1.000	55.7	7.0
1324	2010/07/03 08:17:17	0.750	59.6	8.4
1325	2010/07/03 08:17:18	0.625	60.3	8.0
1326	2010/07/03 08:17:19	0.750	58.3	7.0
1327	2010/07/03 08:17:20	0.750	58.3	7.0
1328	2010/07/03 08:17:21	0.625	60.0	7.7
1329	2010/07/03 08:17:22	0.750	58.3	7.2
1330	2010/07/03 08:18:01	0.750	60.5	8.6
1331	2010/07/03 08:18:31	0.875	60.7	6.5
1332	2010/07/03 08:18:34	0.750	65.1	8.8
1333	2010/07/03 08:18:49	0.625	61.7	9.8
1334	2010/07/03 08:18:50	0.625	61.1	7.7
1335	2010/07/03 08:18:52	0.625	63.3	9.1
1336	2010/07/03 08:18:53	0.625	61.9	6.6
1337	2010/07/03 08:18:54	0.750	64.2	7.6
1338	2010/07/03 08:18:59	0.625	64.1	7.8
1339	2010/07/03 08:19:00	0.625	63.7	7.7
1340	2010/07/03 08:19:03	0.625	64.9	8.0
1341	2010/07/03 08:19:03	0.625	64.0	6.8
1342	2010/07/03 08:19:04	0.625	64.8	7.3

1343	2010/07/03 08:19:05	0.750	63.2	6.6
1344	2010/07/03 08:19:06	1.000	64.5	7.5
1345	2010/07/03 08:19:10	0.625	64.5	7.9
1346	2010/07/03 08:19:11	0.625	65.1	7.9
1347	2010/07/03 08:19:13	0.625	65.3	7.5
1348	2010/07/03 08:19:14	0.750	60.9	6.6
1349	2010/07/03 08:19:15	0.750	64.0	8.0
1350	2010/07/03 08:19:16	0.625	62.1	6.2
1351	2010/07/03 08:19:19	0.750	59.7	7.6
1352	2010/07/03 08:19:20	0.750	60.1	7.4
1353	2010/07/03 08:19:27	0.625	60.2	8.6
1354	2010/07/03 08:19:50	0.750	61.7	9.1
1355	2010/07/03 08:20:09	0.750	57.0	9.2
1356	2010/07/03 08:20:11	0.875	56.0	8.3
1357	2010/07/03 08:20:12	0.875	56.1	8.0
1358	2010/07/03 08:20:14	1.000	57.1	9.3
1359	2010/07/03 08:20:15	1.000	56.8	8.2
1360	2010/07/03 08:20:17	1.000	56.6	7.9
1361	2010/07/03 08:20:56	1.000	67.0	10.3
1362	2010/07/03 08:21:06	0.750	60.6	7.8
1363	2010/07/03 08:21:07	0.875	58.0	6.7
1364	2010/07/03 08:21:27	0.750	67.0	8.4
1365	2010/07/03 08:21:28	0.750	62.5	7.4
1366	2010/07/03 08:21:30	0.875	63.0	7.4
1367	2010/07/03 08:21:33	0.750	68.6	7.8
1368	2010/07/03 08:21:34	1.000	65.3	7.5
1369	2010/07/03 08:21:42	0.875	61.6	7.3
1370	2010/07/03 08:21:55	0.750	59.2	7.0
1371	2010/07/03 08:21:57	0.875	60.6	9.0
1372	2010/07/03 08:21:59	0.750	61.7	9.5
1373	2010/07/03 08:22:01	0.750	61.8	8.2
1374	2010/07/03 08:22:05	0.750	60.6	9.8

1375	2010/07/03 08:22:10	0.875	60.2	8.8
1376	2010/07/03 08:23:39	0.750	53.7	10.2
1377	2010/07/03 08:27:20	0.875	53.6	7.7
1378	2010/07/03 08:29:27	0.750	51.0	9.4
1379	2010/07/03 08:29:33	0.875	57.3	8.9
1380	2010/07/03 08:29:55	0.875	56.1	8.1
1381	2010/07/03 08:31:56	1.000	55.7	7.9
1382	2010/07/03 08:35:16	1.000	57.2	8.4
1383	2010/07/03 08:37:07	0.750	55.2	8.6
1384	2010/07/03 08:38:33	0.750	60.3	10.2
1385	2010/07/03 08:38:43	0.875	64.5	7.6
1386	2010/07/03 08:38:49	0.875	65.4	7.5
1387	2010/07/03 08:40:01	0.750	56.6	9.8
1388	2010/07/03 08:40:14	0.625	61.3	8.8
1389	2010/07/03 08:40:16	1.000	58.8	6.8
1390	2010/07/03 08:40:26	0.875	59.9	8.1
1391	2010/07/03 08:40:43	1.000	63.8	7.8
1392	2010/07/03 08:40:47	1.000	60.9	7.1
1393	2010/07/03 08:40:50	1.000	58.6	6.5
1394	2010/07/03 08:41:50	0.750	56.9	9.0
1395	2010/07/03 08:41:51	0.750	59.5	9.3
1396	2010/07/03 08:41:53	0.625	57.8	7.8
1397	2010/07/03 08:41:54	0.750	60.2	9.3
1398	2010/07/03 08:41:55	0.625	60.0	7.7
1399	2010/07/03 08:41:56	0.625	59.8	8.8
1400	2010/07/03 08:41:58	0.625	60.7	9.3
1401	2010/07/03 08:41:59	0.875	61.3	8.2
1402	2010/07/03 08:42:00	0.625	59.3	8.4
1403	2010/07/03 08:42:04	0.625	56.3	7.7
1404	2010/07/03 08:42:13	0.750	56.8	7.4
1405	2010/07/03 08:42:15	0.875	54.1	6.8
1406	2010/07/03 08:44:11	0.750	60.9	7.3

1407	2010/07/03 08:44:19	0.875	56.6	8.0
1408	2010/07/03 08:44:22	0.750	56.5	8.5
1409	2010/07/03 08:44:26	1.000	53.8	8.0
1410	2010/07/03 08:44:34	0.875	54.7	7.7
1411	2010/07/03 08:45:17	0.625	56.8	9.3
1412	2010/07/03 08:45:18	0.750	60.0	8.6
1413	2010/07/03 08:45:20	0.625	63.7	8.9
1414	2010/07/03 08:45:23	0.750	65.3	8.7
1415	2010/07/03 08:45:24	0.625	65.9	8.6
1416	2010/07/03 08:45:24	0.625	66.9	8.1
1417	2010/07/03 08:45:25	0.625	62.6	8.6
1418	2010/07/03 08:45:27	0.625	62.0	9.0
1419	2010/07/03 08:45:27	0.625	67.3	8.0
1420	2010/07/03 08:45:28	0.625	68.0	7.8
1421	2010/07/03 08:45:29	0.750	67.9	7.0
1422	2010/07/03 08:45:30	0.625	65.9	6.7
1423	2010/07/03 08:45:31	1.000	67.5	7.7
1424	2010/07/03 08:45:57	0.750	55.0	6.8
1425	2010/07/03 08:46:01	0.625	56.2	7.6
1426	2010/07/03 08:46:02	0.625	56.2	7.2
1427	2010/07/03 08:46:04	0.750	60.3	8.7
1428	2010/07/03 08:46:05	0.625	58.4	7.6
1429	2010/07/03 08:46:06	0.750	56.7	7.1
1430	2010/07/03 08:46:10	0.625	55.4	7.3
1431	2010/07/03 08:46:15	0.750	55.2	7.4
1432	2010/07/03 08:46:16	0.750	55.5	7.5
1433	2010/07/03 08:47:04	0.625	58.4	8.7
1434	2010/07/03 08:47:06	0.750	56.0	6.8
1435	2010/07/03 08:47:09	0.750	55.7	8.2
1436	2010/07/03 08:47:37	0.750	54.7	8.7
1437	2010/07/03 08:47:38	0.750	56.1	9.2
1438	2010/07/03 08:47:42	0.750	54.6	7.6



1439	2010/07/03 08:47:46	0.875	53.5	8.8
1440	2010/07/03 08:47:52	0.625	57.3	8.4
1441	2010/07/03 08:48:18	0.625	56.6	8.5
1442	2010/07/03 08:48:19	0.750	56.4	7.7
1443	2010/07/03 08:48:21	0.750	59.5	9.8
1444	2010/07/03 08:48:42	0.750	55.7	8.3
1445	2010/07/03 08:54:20	0.875	58.0	8.8
1446	2010/07/03 08:55:23	0.750	61.9	6.6
1447	2010/07/03 08:55:25	0.875	59.8	7.4
1448	2010/07/03 08:55:26	0.875	59.5	6.7
1449	2010/07/03 08:56:31	0.625	61.6	8.9
1450	2010/07/03 08:58:27	1.000	62.4	9.0
1451	2010/07/03 08:58:31	1.000	56.5	7.7
1452	2010/07/03 08:59:26	0.750	57.8	8.8
1453	2010/07/03 08:59:32	0.875	52.4	8.6
1454	2010/07/03 08:59:38	0.875	57.9	8.9
1455	2010/07/03 08:59:45	1.000	56.4	8.5
1456	2010/07/03 08:59:52	0.625	65.6	10.8
1457	2010/07/03 08:59:56	0.875	57.1	8.3
1458	2010/07/03 09:00:09	0.750	54.7	9.7
1459	2010/07/03 09:00:18	0.750	66.5	9.5
1460	2010/07/03 09:00:21	0.750	63.2	7.3
1461	2010/07/03 09:00:25	0.750	62.5	7.1
1462	2010/07/03 09:00:26	0.750	62.3	7.4
1463	2010/07/03 09:00:31	0.750	64.7	7.7
1464	2010/07/03 09:03:25	0.875	58.8	9.4
1465	2010/07/03 09:05:19	0.875	59.6	8.1
1466	2010/07/03 09:08:29	0.750	62.7	10.5
1467	2010/07/03 09:08:30	0.625	59.8	7.8
1468	2010/07/03 09:08:31	0.750	60.6	7.9
1469	2010/07/03 09:08:32	0.625	61.8	8.8
1470	2010/07/03 09:09:53	0.750	63.7	9.1

1471	2010/07/03 09:09:53	0.750	63.1	7.4
1472	2010/07/03 09:10:07	0.750	61.7	9.1
1473	2010/07/03 09:10:20	1.000	73.3	8.9
1474	2010/07/03 09:10:22	0.625	66.0	9.3
1475	2010/07/03 09:10:27	1.000	71.5	7.4
1476	2010/07/03 09:10:50	1.000	69.5	8.8
1477	2010/07/03 09:12:19	0.750	58.0	8.5
1478	2010/07/03 09:13:03	0.750	57.5	8.9
1479	2010/07/03 09:13:04	0.750	60.0	8.1
1480	2010/07/03 09:13:05	0.750	59.5	8.1
1481	2010/07/03 09:13:06	0.625	63.1	8.9
1482	2010/07/03 09:13:07	0.750	63.6	8.3
1483	2010/07/03 09:13:08	0.750	58.7	7.6
1484	2010/07/03 09:13:09	0.625	63.2	8.4
1485	2010/07/03 09:13:10	0.625	63.3	7.5
1486	2010/07/03 09:13:10	0.625	63.0	7.1
1487	2010/07/03 09:13:12	0.750	62.2	7.6
1488	2010/07/03 09:13:14	0.750	58.5	7.2
1489	2010/07/03 09:13:16	0.625	61.1	8.2
1490	2010/07/03 09:13:17	0.625	61.9	8.2
1491	2010/07/03 09:13:18	0.625	60.0	7.1
1492	2010/07/03 09:13:19	0.625	59.2	7.0
1493	2010/07/03 09:13:20	0.625	59.9	7.9
1494	2010/07/03 09:13:21	0.625	58.5	6.6
1495	2010/07/03 09:13:22	0.750	57.7	6.7
1496	2010/07/03 09:13:26	0.750	57.3	8.0
1497	2010/07/03 09:13:27	0.750	57.7	8.1
1498	2010/07/03 09:13:28	0.750	57.6	7.2
1499	2010/07/03 09:13:34	0.750	56.5	7.4
1500	2010/07/03 09:13:35	0.750	56.1	7.0
1501	2010/07/03 09:13:36	0.625	59.1	8.6
1502	2010/07/03 09:13:37	0.625	58.7	7.6

1503	2010/07/03 09:13:38	0.625	58.6	7.1
1504	2010/07/03 09:13:41	0.750	57.9	7.6
1505	2010/07/03 09:14:01	0.750	55.2	6.4
1506	2010/07/03 09:14:03	0.750	60.3	8.5
1507	2010/07/03 09:14:04	0.625	57.9	7.2
1508	2010/07/03 09:14:06	0.625	60.1	9.2
1509	2010/07/03 09:14:06	0.625	60.5	9.0
1510	2010/07/03 09:14:08	0.750	58.3	8.5
1511	2010/07/03 09:14:12	0.750	58.0	8.1
1512	2010/07/03 09:14:14	0.625	57.5	7.0
1513	2010/07/03 09:14:58	0.750	57.6	9.0
1514	2010/07/03 09:14:59	0.625	57.8	7.8
1515	2010/07/03 09:15:02	0.750	55.9	7.5
1516	2010/07/03 09:15:24	0.750	55.2	7.9
1517	2010/07/03 09:15:28	1.000	59.1	8.2
1518	2010/07/03 09:15:30	0.750	54.6	7.7
1519	2010/07/03 09:15:31	0.875	56.6	6.8
1520	2010/07/03 09:15:36	0.750	60.9	7.8
1521	2010/07/03 09:15:39	0.625	61.3	9.0
1522	2010/07/03 09:15:41	0.625	61.3	9.9
1523	2010/07/03 09:15:44	0.750	61.6	7.5
1524	2010/07/03 09:15:45	0.625	64.1	8.7
1525	2010/07/03 09:17:32	1.000	65.2	8.3
1526	2010/07/03 09:17:34	1.000	57.6	7.5
1527	2010/07/03 09:17:36	0.875	57.9	6.8
1528	2010/07/03 09:18:04	0.750	61.0	6.1
1529	2010/07/03 09:18:24	1.000	65.3	8.1
1530	2010/07/03 09:18:26	0.750	61.1	7.3
1531	2010/07/03 09:18:29	0.625	64.2	9.1
1532	2010/07/03 09:18:30	0.750	62.1	7.8
1533	2010/07/03 09:18:33	0.625	64.3	9.4
1534	2010/07/03 09:18:40	0.750	62.3	7.1

1535	2010/07/03 09:18:59	0.875	63.9	9.3
1536	2010/07/03 09:19:01	0.750	67.2	8.7
1537	2010/07/03 09:20:50	0.875	60.8	8.5
1538	2010/07/03 09:20:53	0.750	60.1	8.8
1539	2010/07/03 09:20:55	0.875	54.9	6.6
1540	2010/07/03 09:20:58	0.750	56.3	9.9
1541	2010/07/03 09:21:00	0.875	57.6	10.0
1542	2010/07/03 09:24:44	0.875	56.1	7.4
1543	2010/07/03 09:25:05	0.875	53.4	8.1
1544	2010/07/03 09:27:20	0.875	59.5	7.5
1545	2010/07/03 09:27:32	0.625	60.6	9.5
1546	2010/07/03 09:27:58	0.750	58.3	7.2
1547	2010/07/03 09:28:27	0.750	56.9	7.4
1548	2010/07/03 09:28:45	0.875	58.1	7.7
1549	2010/07/03 09:28:48	0.875	62.4	7.3
1550	2010/07/03 09:29:30	0.750	55.3	9.5
1551	2010/07/03 09:37:37	0.750	62.6	8.7
1552	2010/07/03 09:37:42	0.875	59.7	8.5
1553	2010/07/03 09:44:50	0.750	71.2	8.0
1554	2010/07/03 09:47:49	0.750	56.2	10.2
1555	2010/07/03 09:48:06	0.875	63.1	6.4
1556	2010/07/03 09:48:08	0.750	62.7	8.9
1557	2010/07/03 09:48:09	0.875	62.0	8.0
1558	2010/07/03 09:48:11	0.750	64.4	9.4
1559	2010/07/03 09:48:19	0.875	61.5	6.6
1560	2010/07/03 10:05:09	1.000	57.3	7.7
1561	2010/07/03 10:06:22	0.625	56.6	10.7
1562	2010/07/03 10:08:36	0.750	61.6	9.0
1563	2010/07/03 10:08:38	0.875	55.2	7.7
1564	2010/07/03 10:08:58	0.750	54.8	7.6
1565	2010/07/03 10:09:00	0.750	64.4	8.3
1566	2010/07/03 10:09:02	0.750	66.2	8.9

1567	2010/07/03 10:13:13	0.625	59.5	11.1
1568	2010/07/03 10:13:21	0.750	63.6	9.8
1569	2010/07/03 10:13:27	0.625	66.3	10.0
1570	2010/07/03 10:13:45	0.875	57.9	6.7
1571	2010/07/03 10:13:46	0.750	55.1	7.2
1572	2010/07/03 10:13:47	1.000	62.7	7.3
1573	2010/07/03 10:14:13	0.750	61.3	7.8
1574	2010/07/03 10:15:01	0.750	59.9	8.5
1575	2010/07/03 10:21:02	1.000	54.5	8.2
1576	2010/07/03 10:21:12	0.750	59.5	10.2
1577	2010/07/03 10:21:36	0.875	67.7	9.6
1578	2010/07/03 10:22:21	0.875	64.8	8.1
1579	2010/07/03 10:23:22	1.000	64.3	8.7
1580	2010/07/03 10:38:49	1.000	59.6	7.0
1581	2010/07/03 10:38:51	0.875	57.0	7.5
1582	2010/07/03 10:39:15	0.875	58.8	9.3
1583	2010/07/03 10:39:17	0.750	61.3	10.7
1584	2010/07/03 10:39:52	0.750	61.7	10.7
1585	2010/07/03 10:43:56	0.875	62.3	8.0
1586	2010/07/03 10:44:00	0.875	63.3	8.3
1587	2010/07/03 10:44:17	0.750	63.4	7.6
1588	2010/07/03 10:44:19	0.750	63.0	7.3
1589	2010/07/03 10:44:23	1.000	64.3	7.4
1590	2010/07/03 10:44:29	0.875	65.1	9.6
1591	2010/07/03 10:44:34	0.875	61.5	7.5
1592	2010/07/03 10:44:35	0.750	61.9	8.3
1593	2010/07/03 10:44:36	1.000	64.5	7.1
1594	2010/07/03 10:44:38	0.750	62.9	8.5
1595	2010/07/03 10:44:39	1.000	64.5	8.5
1596	2010/07/03 10:44:49	0.875	65.4	9.9
1597	2010/07/03 10:44:54	1.000	61.9	6.2
1598	2010/07/03 10:44:55	0.875	61.4	7.7

1599	2010/07/03 10:45:10	0.750	62.2	6.3
1600	2010/07/03 10:45:12	1.000	63.9	7.0
1601	2010/07/03 10:45:46	0.750	59.6	7.9
1602	2010/07/03 10:46:20	0.750	60.1	7.6
1603	2010/07/03 10:46:22	1.000	59.4	9.3
1604	2010/07/03 10:46:24	1.000	60.7	9.4
1605	2010/07/03 10:48:59	1.000	66.8	7.9
1606	2010/07/03 10:49:08	0.875	60.9	10.1
1607	2010/07/03 10:49:09	0.750	60.0	7.1
1608	2010/07/03 10:49:13	0.750	59.4	8.0
1609	2010/07/03 10:49:18	1.000	60.9	7.7
1610	2010/07/03 10:49:22	1.000	55.7	8.5
1611	2010/07/03 10:57:38	0.750	70.7	9.1
1612	2010/07/03 10:57:58	0.875	77.1	8.4
1613	2010/07/03 11:03:11	1.000	60.5	6.2
1614	2010/07/03 11:04:31	0.750	59.6	9.2
1615	2010/07/03 11:04:33	0.875	60.4	8.1
1616	2010/07/03 11:05:02	0.875	62.3	7.6
1617	2010/07/03 11:05:08	0.875	61.5	6.8
1618	2010/07/03 11:07:52	0.625	63.1	11.5
1619	2010/07/03 11:08:10	0.750	53.3	9.1
1620	2010/07/03 11:08:14	0.750	57.5	10.1
1621	2010/07/03 11:09:24	0.625	54.2	10.1
1622	2010/07/03 11:12:40	0.750	54.8	8.2
1623	2010/07/03 11:13:45	0.875	59.4	7.3
1624	2010/07/03 11:18:02	0.875	62.4	7.9
1625	2010/07/03 11:18:24	1.000	56.0	7.0
1626	2010/07/03 11:18:40	1.000	67.2	10.4
1627	2010/07/03 11:18:45	0.625	71.5	7.4
1628	2010/07/03 11:18:51	1.000	69.2	9.7
1629	2010/07/03 11:19:05	0.625	70.5	10.0
1630	2010/07/03 11:31:21	0.625	64.5	9.0

1631	2010/07/03 11:47:42	0.875	76.5	10.0
1632	2010/07/03 11:51:04	0.750	63.3	8.7
1633	2010/07/03 11:51:23	0.625	62.4	7.9
1634	2010/07/03 11:51:34	0.750	58.3	7.4
1635	2010/07/03 11:59:23	0.875	61.3	8.4
1636	2010/07/03 12:03:29	0.750	56.2	8.0
1637	2010/07/03 12:03:32	0.625	57.6	11.1
1638	2010/07/03 12:03:37	1.000	57.1	8.9
1639	2010/07/03 12:04:17	0.625	61.9	9.3
1640	2010/07/03 12:04:21	1.000	65.7	7.9
1641	2010/07/03 12:09:28	1.000	55.4	7.2
1642	2010/07/03 12:11:24	0.750	62.7	6.7
1643	2010/07/03 12:11:25	0.750	61.3	6.3
1644	2010/07/03 12:11:28	0.875	64.6	9.4
1645	2010/07/03 12:11:33	0.875	63.6	6.7
1646	2010/07/03 12:11:34	0.875	64.7	8.0
1647	2010/07/03 12:11:37	0.750	64.1	7.9
1648	2010/07/03 12:11:40	0.875	61.5	9.0
1649	2010/07/03 12:11:41	0.625	65.3	9.7
1650	2010/07/03 12:11:47	0.750	66.2	8.0
1651	2010/07/03 12:11:51	0.750	62.9	9.5
1652	2010/07/03 12:11:52	0.875	63.4	8.3
1653	2010/07/03 12:11:54	0.875	67.1	8.7
1654	2010/07/03 12:13:25	1.000	65.7	8.4
1655	2010/07/03 12:14:41	0.875	57.5	8.0
1656	2010/07/03 12:14:53	1.000	61.4	8.8
1657	2010/07/03 12:15:26	0.625	59.5	8.6
1658	2010/07/03 12:15:31	0.750	57.7	9.9
1659	2010/07/03 12:15:53	1.000	57.8	7.3
1660	2010/07/03 12:15:59	0.875	51.1	7.2
1661	2010/07/03 12:17:03	0.875	56.0	7.2
1662	2010/07/03 12:18:04	1.000	55.7	7.0

1663	2010/07/03 12:18:45	0.750	55.8	7.3
1664	2010/07/03 12:19:48	1.000	76.2	8.6
1665	2010/07/03 12:19:59	0.750	56.5	11.0
1666	2010/07/03 12:20:00	0.625	62.9	12.1
1667	2010/07/03 12:20:24	0.750	62.0	8.3
1668	2010/07/03 12:21:31	0.750	59.5	10.6
1669	2010/07/03 12:22:04	0.875	57.7	8.2
1670	2010/07/03 12:22:15	1.000	64.6	6.7
1671	2010/07/03 12:22:18	0.750	61.5	8.4
1672	2010/07/03 12:22:36	0.750	58.1	10.5
1673	2010/07/03 12:22:43	1.000	72.4	10.6
1674	2010/07/03 12:23:12	0.750	63.9	9.7
1675	2010/07/03 12:34:20	1.000	64.3	8.6
1676	2010/07/03 12:34:33	0.875	57.2	9.4
1677	2010/07/03 12:34:59	0.750	55.5	7.7
1678	2010/07/03 12:40:16	1.000	75.6	7.4
1679	2010/07/03 12:40:33	1.000	58.8	7.5
1680	2010/07/03 12:45:17	0.625	58.4	11.8
1681	2010/07/03 12:49:42	1.000	76.7	9.2
1682	2010/07/03 12:52:39	1.000	57.2	6.6
1683	2010/07/03 12:52:53	0.875	53.2	8.7
1684	2010/07/03 12:55:02	0.750	56.5	8.2
1685	2010/07/03 12:55:29	1.000	64.4	6.1
1686	2010/07/03 12:55:31	1.000	64.2	6.4
1687	2010/07/03 12:55:36	1.000	64.8	6.5
1688	2010/07/03 12:55:37	0.625	64.5	7.4
1689	2010/07/03 12:55:56	1.000	65.3	8.5
1690	2010/07/03 12:56:12	0.625	72.8	9.4
1691	2010/07/03 12:56:27	0.875	61.3	7.3
1692	2010/07/03 12:56:32	0.625	73.9	10.7
1693	2010/07/03 12:56:46	0.750	62.5	8.0
1694	2010/07/03 12:56:49	0.875	59.8	8.1



1695	2010/07/03 12:57:25	0.750	58.8	8.6
1696	2010/07/03 12:57:38	1.000	67.3	9.6
1697	2010/07/03 12:57:53	1.000	65.2	8.0
1698	2010/07/03 12:57:58	0.875	64.6	10.2
1699	2010/07/03 12:58:48	0.875	56.6	7.3
1700	2010/07/03 12:58:52	0.750	55.1	9.0
1701	2010/07/03 12:59:56	0.625	57.4	8.8
1702	2010/07/03 13:02:56	0.625	55.4	10.6
1703	2010/07/03 13:04:13	0.875	54.3	7.7
1704	2010/07/03 13:05:45	0.875	54.4	7.7
1705	2010/07/03 13:10:02	0.875	55.4	10.0
1706	2010/07/03 13:10:20	0.875	62.1	8.0
1707	2010/07/03 13:10:30	0.625	64.4	10.5
1708	2010/07/03 13:10:32	0.625	65.4	9.5
1709	2010/07/03 13:10:33	0.625	70.0	10.5
1710	2010/07/03 13:10:34	0.625	69.8	9.6
1711	2010/07/03 13:10:35	0.750	69.5	8.6
1712	2010/07/03 13:10:44	0.750	65.5	7.6
1713	2010/07/03 13:10:44	0.625	66.0	7.5
1714	2010/07/03 13:10:45	0.625	66.9	7.7
1715	2010/07/03 13:10:50	0.625	57.7	7.8
1716	2010/07/03 13:10:50	0.625	58.9	8.3
1717	2010/07/03 13:10:51	0.625	57.5	6.9
1718	2010/07/03 13:10:52	0.625	57.3	7.0
1719	2010/07/03 13:10:54	0.625	61.3	10.1
1720	2010/07/03 13:10:55	0.875	60.1	9.0
1721	2010/07/03 13:10:59	0.750	60.2	7.1
1722	2010/07/03 13:11:01	0.875	63.0	8.7
1723	2010/07/03 13:11:04	0.750	59.4	7.3
1724	2010/07/03 13:13:51	1.000	64.1	9.9
1725	2010/07/03 13:17:17	0.750	59.5	8.6
1726	2010/07/03 13:17:21	1.000	56.7	7.2

1727	2010/07/03 13:18:37	0.625	56.8	10.5
1728	2010/07/03 13:18:44	0.625	59.8	10.5
1729	2010/07/03 13:34:56	0.875	51.2	7.1
1730	2010/07/03 13:35:05	1.000	49.0	7.9
1731	2010/07/03 13:35:09	0.875	54.1	8.3
1732	2010/07/03 13:35:12	1.000	50.3	8.6
1733	2010/07/03 13:37:14	0.750	57.2	11.4
1734	2010/07/03 13:38:26	0.625	72.5	9.5
1735	2010/07/03 13:44:21	0.875	49.1	7.2
1736	2010/07/03 13:44:35	0.625	65.5	9.3
1737	2010/07/03 13:48:02	0.875	60.5	10.9
1738	2010/07/03 13:54:30	1.000	55.4	7.3
1739	2010/07/03 13:54:57	0.875	58.2	8.1
1740	2010/07/03 14:04:50	0.750	58.2	7.8
1741	2010/07/03 14:06:28	0.875	51.4	7.8
1742	2010/07/03 14:06:41	0.875	54.5	10.6
1743	2010/07/03 14:07:34	0.750	53.6	11.9
1744	2010/07/03 14:08:09	0.875	49.9	8.4
1745	2010/07/03 14:09:58	0.625	58.3	10.7
1746	2010/07/03 14:12:18	0.875	63.1	7.7
1747	2010/07/03 14:12:45	0.875	62.0	7.7
1748	2010/07/03 14:13:11	0.750	53.3	8.3
1749	2010/07/03 14:13:16	1.000	57.9	8.7
1750	2010/07/03 14:14:27	1.000	52.7	7.1
1751	2010/07/03 14:14:37	0.750	62.7	8.3
1752	2010/07/03 14:14:39	0.875	62.8	6.3
1753	2010/07/03 14:17:46	1.000	62.2	9.0
1754	2010/07/03 14:23:14	1.000	71.1	11.1
1755	2010/07/03 14:27:22	0.750	52.6	9.1
1756	2010/07/03 14:28:58	0.750	55.0	9.5
1757	2010/07/03 14:31:21	0.750	63.1	7.2
1758	2010/07/03 14:31:55	1.000	59.4	6.8

1759	2010/07/03 14:34:31	0.750	51.1	9.9
1760	2010/07/03 14:37:24	0.875	52.4	9.4
1761	2010/07/03 14:41:51	0.750	55.9	10.0
1762	2010/07/03 14:47:20	0.875	61.2	7.1
1763	2010/07/03 14:48:10	0.625	53.7	8.3
1764	2010/07/03 14:48:13	0.750	54.4	7.4
1765	2010/07/03 14:48:15	0.750	53.7	7.6
1766	2010/07/03 14:48:16	0.750	53.0	7.8
1767	2010/07/03 14:48:34	0.875	52.7	6.9
1768	2010/07/03 14:48:39	0.750	52.9	7.4
1769	2010/07/03 14:48:39	0.750	52.4	7.0
1770	2010/07/03 14:49:08	0.750	56.8	9.4
1771	2010/07/03 14:50:38	0.750	63.7	10.6
1772	2010/07/03 14:50:59	1.000	68.9	8.1
1773	2010/07/03 14:53:14	0.625	68.0	11.5
1774	2010/07/03 15:05:07	0.750	81.6	12.0
1775	2010/07/03 15:05:31	0.875	57.7	8.5
1776	2010/07/03 15:06:29	0.625	55.2	11.2
1777	2010/07/03 15:06:40	0.750	59.1	11.8
1778	2010/07/03 15:07:00	0.625	67.8	12.1
1779	2010/07/03 15:08:20	1.000	58.2	10.4
1780	2010/07/03 15:08:23	1.000	61.9	8.3
1781	2010/07/03 15:08:25	0.750	58.5	6.2
1782	2010/07/03 15:08:44	0.625	56.1	10.8
1783	2010/07/03 15:09:34	0.750	58.7	7.5
1784	2010/07/03 15:09:38	1.000	62.7	8.7
1785	2010/07/03 15:13:31	0.750	59.9	10.6
1786	2010/07/03 15:16:04	0.875	57.0	8.6
1787	2010/07/03 15:17:29	0.875	53.6	8.5
1788	2010/07/03 15:17:32	0.875	55.2	8.9
1789	2010/07/03 15:17:54	0.750	58.9	9.2
1790	2010/07/03 15:25:33	1.000	58.2	7.8

1791	2010/07/03 15:25:35	1.000	59.6	7.7
1792	2010/07/03 15:25:37	0.875	58.2	7.8
1793	2010/07/03 15:25:39	0.875	58.9	7.7
1794	2010/07/03 15:25:44	0.875	62.1	7.1
1795	2010/07/03 15:25:47	0.875	58.0	7.7
1796	2010/07/03 15:25:51	0.875	56.8	6.6
1797	2010/07/03 15:25:52	0.750	60.5	8.2
1798	2010/07/03 15:26:22	1.000	61.8	7.6
1799	2010/07/03 15:26:43	1.000	62.8	8.4
1800	2010/07/03 15:26:51	0.875	58.0	9.8
1801	2010/07/03 15:28:26	0.875	54.9	8.8
1802	2010/07/03 15:28:38	0.750	56.3	9.5
1803	2010/07/03 15:28:54	0.750	57.7	8.6
1804	2010/07/03 15:28:58	1.000	60.9	7.0
1805	2010/07/03 15:29:09	0.750	60.1	7.4
1806	2010/07/03 15:29:11	0.625	60.8	8.3
1807	2010/07/03 15:29:11	0.625	61.7	8.6
1808	2010/07/03 15:29:12	0.625	64.4	9.4
1809	2010/07/03 15:29:14	0.750	59.2	8.9
1810	2010/07/03 15:29:15	0.750	61.2	8.6
1811	2010/07/03 15:29:23	0.875	58.8	8.2
1812	2010/07/03 15:29:38	0.750	69.4	10.3
1813	2010/07/03 15:29:51	0.625	58.7	6.9
1814	2010/07/03 15:29:54	0.875	55.3	6.5
1815	2010/07/03 15:29:56	0.750	56.9	6.8
1816	2010/07/03 15:29:57	0.625	57.5	7.6
1817	2010/07/03 15:30:06	0.875	54.6	9.1
1818	2010/07/03 15:30:07	0.750	55.5	9.2
1819	2010/07/03 15:30:09	1.000	65.6	9.2
1820	2010/07/03 15:30:10	0.625	57.4	7.4
1821	2010/07/03 15:30:14	0.750	60.9	7.4
1822	2010/07/03 15:30:14	0.750	57.3	6.9

1823	2010/07/03 15:30:34	1.000	66.5	7.2
1824	2010/07/03 15:30:39	0.750	59.9	8.3
1825	2010/07/03 15:30:44	0.625	63.7	7.9
1826	2010/07/03 15:30:47	0.625	64.4	10.2
1827	2010/07/03 15:30:50	0.750	62.2	9.3
1828	2010/07/03 15:31:11	0.750	58.1	8.6
1829	2010/07/03 15:31:38	0.875	65.3	9.4
1830	2010/07/03 15:31:42	0.750	60.9	8.9
1831	2010/07/03 15:31:45	0.750	62.3	8.7
1832	2010/07/03 15:31:50	1.000	66.3	6.6
1833	2010/07/03 15:31:52	0.750	63.9	6.5
1834	2010/07/03 15:31:53	0.875	69.4	8.5
1835	2010/07/03 15:32:03	1.000	66.9	7.6
1836	2010/07/03 15:32:09	0.750	65.2	7.6
1837	2010/07/03 15:32:13	0.750	64.1	9.1
1838	2010/07/03 15:32:31	0.875	56.3	8.4
1839	2010/07/03 15:32:32	0.875	62.9	7.9
1840	2010/07/03 15:32:34	1.000	56.8	6.8
1841	2010/07/03 15:32:39	0.750	57.9	8.9
1842	2010/07/03 15:32:41	0.875	58.0	7.8
1843	2010/07/03 15:32:44	0.750	56.4	8.8
1844	2010/07/03 15:32:46	0.875	63.3	9.7
1845	2010/07/03 15:33:03	0.875	54.3	8.1
1846	2010/07/03 15:33:12	0.875	56.5	9.6
1847	2010/07/03 15:33:51	1.000	60.3	7.6
1848	2010/07/03 15:34:18	1.000	60.5	7.2
1849	2010/07/03 15:35:15	1.000	60.1	8.2
1850	2010/07/03 15:42:19	0.750	60.8	7.7
1851	2010/07/03 15:42:39	1.000	59.2	6.3
1852	2010/07/03 15:42:52	0.875	67.1	9.7
1853	2010/07/03 15:42:55	0.750	61.3	8.2
1854	2010/07/03 15:44:46	1.000	56.5	7.1

1855	2010/07/03 15:45:03	1.000	56.7	6.7
1856	2010/07/03 15:45:06	1.000	58.1	6.9
1857	2010/07/03 15:51:40	0.625	63.2	10.2
1858	2010/07/03 15:51:53	1.000	55.2	9.5
1859	2010/07/03 15:51:56	0.875	53.7	8.5
1860	2010/07/03 15:51:57	0.750	55.9	9.4
1861	2010/07/03 15:52:14	0.875	53.5	10.2
1862	2010/07/03 15:53:58	0.750	56.6	9.9
1863	2010/07/03 15:55:12	0.875	66.0	8.8
1864	2010/07/03 15:56:15	0.625	60.7	10.9
1865	2010/07/03 15:56:44	0.625	69.0	10.6
1866	2010/07/03 15:57:50	0.750	64.2	8.0
1867	2010/07/03 15:59:08	1.000	59.4	8.2
1868	2010/07/03 16:01:02	1.000	55.6	7.8
1869	2010/07/03 16:01:27	0.625	58.9	10.7
1870	2010/07/03 16:01:29	0.625	61.1	10.3
1871	2010/07/03 16:01:31	0.625	58.3	9.4
1872	2010/07/03 16:01:32	0.625	62.3	10.0
1873	2010/07/03 16:01:33	0.625	61.2	7.8
1874	2010/07/03 16:01:35	0.625	64.5	9.2
1875	2010/07/03 16:01:35	0.625	66.0	9.2
1876	2010/07/03 16:01:37	0.625	64.8	8.6
1877	2010/07/03 16:01:38	0.625	64.5	10.1
1878	2010/07/03 16:01:40	0.625	65.5	9.1
1879	2010/07/03 16:01:41	0.625	63.2	8.6
1880	2010/07/03 16:01:43	0.625	65.2	9.2
1881	2010/07/03 16:01:45	0.625	56.7	9.7
1882	2010/07/03 16:01:45	0.750	59.2	8.1
1883	2010/07/03 16:01:47	0.625	61.7	9.6
1884	2010/07/03 16:01:47	0.750	62.8	8.9
1885	2010/07/03 16:01:48	0.625	61.8	8.3
1886	2010/07/03 16:01:49	0.625	62.7	8.9

1887	2010/07/03 16:01:50	0.625	63.2	8.3
1888	2010/07/03 16:01:51	0.625	59.6	7.5
1889	2010/07/03 16:01:53	0.625	59.2	9.3
1890	2010/07/03 16:01:53	0.750	52.5	9.5
1891	2010/07/03 16:01:56	0.625	52.7	7.3
1892	2010/07/03 16:01:57	0.750	57.3	9.5
1893	2010/07/03 16:01:58	0.625	56.4	7.8
1894	2010/07/03 16:01:59	0.625	57.7	7.9
1895	2010/07/03 16:02:00	0.750	54.1	7.8
1896	2010/07/03 16:02:01	0.625	53.9	6.4
1897	2010/07/03 16:02:02	0.750	53.2	7.8
1898	2010/07/03 16:02:03	0.625	56.7	9.5
1899	2010/07/03 16:02:04	0.625	55.0	7.5
1900	2010/07/03 16:02:05	0.625	57.6	9.1
1901	2010/07/03 16:02:09	0.750	56.8	9.8
1902	2010/07/03 16:02:10	0.625	58.9	9.3
1903	2010/07/03 16:02:11	0.625	60.6	9.1
1904	2010/07/03 16:02:12	0.625	58.8	7.7
1905	2010/07/03 16:02:13	0.625	59.1	8.5
1906	2010/07/03 16:02:14	0.625	59.0	8.2
1907	2010/07/03 16:02:15	0.625	59.0	8.3
1908	2010/07/03 16:02:16	0.625	59.6	8.6
1909	2010/07/03 16:02:17	0.625	57.5	7.7
1910	2010/07/03 16:02:18	0.625	58.4	8.5
1911	2010/07/03 16:02:19	0.625	58.7	8.2
1912	2010/07/03 16:02:19	0.625	59.5	8.5
1913	2010/07/03 16:02:20	0.625	59.8	8.2
1914	2010/07/03 16:02:21	0.750	56.6	7.4
1915	2010/07/03 16:02:22	0.625	59.6	8.4
1916	2010/07/03 16:02:23	0.625	59.7	7.9
1917	2010/07/03 16:02:23	0.625	60.6	8.3
1918	2010/07/03 16:02:24	0.625	58.9	7.6

1919	2010/07/03 16:02:25	0.750	60.0	8.0
1920	2010/07/03 16:02:26	0.625	60.7	8.5
1921	2010/07/03 16:02:27	0.625	58.0	7.9
1922	2010/07/03 16:02:29	0.625	61.8	7.7
1923	2010/07/03 16:02:29	0.625	59.5	6.4
1924	2010/07/03 16:02:32	0.625	61.0	6.8
1925	2010/07/03 16:02:33	0.750	57.7	7.0
1926	2010/07/03 16:02:34	0.750	53.6	6.2
1927	2010/07/03 16:02:35	0.750	55.9	7.3
1928	2010/07/03 16:02:36	0.750	55.8	7.1
1929	2010/07/03 16:02:38	0.625	53.8	7.4
1930	2010/07/03 16:02:39	0.625	54.4	8.2
1931	2010/07/03 16:02:41	0.750	58.3	8.2
1932	2010/07/03 16:02:43	0.750	60.0	8.1
1933	2010/07/03 16:02:44	0.625	57.1	7.1
1934	2010/07/03 16:02:45	0.625	56.9	6.3
1935	2010/07/03 16:02:46	0.625	56.2	6.5
1936	2010/07/03 16:02:47	0.625	59.8	8.7
1937	2010/07/03 16:02:48	0.750	59.4	7.6
1938	2010/07/03 16:02:50	0.625	58.8	7.3
1939	2010/07/03 16:02:51	0.625	59.0	7.8
1940	2010/07/03 16:02:52	0.625	59.2	7.4
1941	2010/07/03 16:02:53	0.750	58.4	7.0
1942	2010/07/03 16:02:53	0.625	57.2	7.0
1943	2010/07/03 16:02:54	0.625	57.7	7.1
1944	2010/07/03 16:02:55	0.750	59.6	7.7
1945	2010/07/03 16:02:56	0.625	58.9	7.0
1946	2010/07/03 16:02:57	0.625	58.8	6.9
1947	2010/07/03 16:02:58	0.750	60.4	8.1
1948	2010/07/03 16:02:59	0.625	62.1	8.4
1949	2010/07/03 16:03:00	0.750	59.3	6.4
1950	2010/07/03 16:03:01	0.625	60.9	7.5



1951	2010/07/03 16:03:02	0.625	60.0	6.8
1952	2010/07/03 16:03:03	0.750	58.9	6.6
1953	2010/07/03 16:03:04	0.625	57.9	7.5
1954	2010/07/03 16:03:07	0.625	56.8	9.5
1955	2010/07/03 16:03:09	0.625	57.2	9.1
1956	2010/07/03 16:03:10	0.625	55.1	7.5
1957	2010/07/03 16:03:11	0.625	60.3	9.1
1958	2010/07/03 16:03:12	0.625	58.7	8.1
1959	2010/07/03 16:03:13	0.625	58.4	7.4
1960	2010/07/03 16:03:14	0.750	59.1	7.8
1961	2010/07/03 16:03:15	0.750	56.0	7.0
1962	2010/07/03 16:03:17	1.000	61.7	8.8
1963	2010/07/03 16:03:19	0.625	60.7	7.5
1964	2010/07/03 16:03:20	0.750	55.0	6.8
1965	2010/07/03 16:03:21	0.625	55.0	7.0
1966	2010/07/03 16:03:22	0.625	55.3	7.9
1967	2010/07/03 16:03:23	0.625	54.4	7.4
1968	2010/07/03 16:03:24	0.750	56.9	8.2
1969	2010/07/03 16:03:25	0.750	57.4	8.2
1970	2010/07/03 16:03:25	0.750	55.1	6.7
1971	2010/07/03 16:03:27	0.625	62.0	9.0
1972	2010/07/03 16:03:28	0.625	58.1	7.8
1973	2010/07/03 16:03:29	0.750	58.5	6.9
1974	2010/07/03 16:03:30	0.625	57.6	6.8
1975	2010/07/03 16:03:31	0.750	57.7	7.4
1976	2010/07/03 16:03:32	0.625	59.8	8.0
1977	2010/07/03 16:03:32	0.625	60.2	7.2
1978	2010/07/03 16:03:33	0.750	61.5	7.9
1979	2010/07/03 16:03:34	0.750	59.4	7.3
1980	2010/07/03 16:03:35	0.625	60.2	7.6
1981	2010/07/03 16:03:36	0.625	58.8	7.1
1982	2010/07/03 16:03:37	0.625	56.2	6.1

1983	2010/07/03 16:03:38	0.625	56.0	6.2
1984	2010/07/03 16:03:38	0.625	56.0	6.8
1985	2010/07/03 16:03:39	0.625	57.4	7.8
1986	2010/07/03 16:03:40	0.625	60.1	8.2
1987	2010/07/03 16:03:40	0.750	61.7	8.2
1988	2010/07/03 16:03:42	0.750	57.1	6.6
1989	2010/07/03 16:03:44	0.625	57.0	7.0
1990	2010/07/03 16:03:45	0.625	55.9	6.2
1991	2010/07/03 16:03:46	0.750	56.8	7.3
1992	2010/07/03 16:03:48	0.750	56.8	7.5
1993	2010/07/03 16:03:48	0.750	57.8	7.6
1994	2010/07/03 16:03:49	0.625	56.7	7.8
1995	2010/07/03 16:03:50	0.750	57.2	7.9
1996	2010/07/03 16:03:51	0.750	57.5	7.7
1997	2010/07/03 16:03:59	0.625	57.4	6.7
1998	2010/07/03 16:04:02	0.750	56.8	6.8
1999	2010/07/03 16:04:04	0.625	57.4	9.7
2000	2010/07/03 16:04:06	0.750	64.8	6.9
2001	2010/07/03 16:04:09	0.625	57.2	6.3
2002	2010/07/03 16:04:10	0.625	57.0	6.7
2003	2010/07/03 16:04:11	0.750	56.4	6.5
2004	2010/07/03 16:04:12	0.625	59.3	8.4
2005	2010/07/03 16:04:13	0.625	57.0	7.6
2006	2010/07/03 16:04:15	0.625	59.2	9.1
2007	2010/07/03 16:04:15	0.750	53.9	8.6
2008	2010/07/03 16:04:16	0.750	53.6	6.7
2009	2010/07/03 16:04:17	0.750	53.8	7.3
2010	2010/07/03 16:04:18	0.750	56.2	7.7
2011	2010/07/03 16:04:36	1.000	58.0	7.0
2012	2010/07/03 16:06:56	0.750	56.8	8.4
2013	2010/07/03 16:07:08	0.875	55.9	8.4
2014	2010/07/03 16:07:34	0.750	56.0	8.3

2015	2010/07/03 16:09:03	0.750	63.1	7.3
2016	2010/07/03 16:09:17	1.000	66.5	8.9
2017	2010/07/03 16:09:25	0.750	59.7	7.0
2018	2010/07/03 16:09:45	0.750	52.5	9.8
2019	2010/07/03 16:09:47	0.750	53.1	9.7
2020	2010/07/03 16:09:50	0.750	53.4	10.0
2021	2010/07/03 16:09:52	0.875	51.0	8.5
2022	2010/07/03 16:09:56	0.750	51.4	9.4
2023	2010/07/03 16:09:58	0.625	54.1	10.0
2024	2010/07/03 16:09:59	0.625	53.4	8.7
2025	2010/07/03 16:10:00	0.875	50.6	8.5
2026	2010/07/03 16:10:02	0.625	52.0	9.7
2027	2010/07/03 16:14:14	1.000	49.3	7.4
2028	2010/07/03 16:14:15	0.750	50.9	9.1
2029	2010/07/03 16:16:55	0.875	63.7	9.0
2030	2010/07/03 16:19:08	0.625	64.0	9.2
2031	2010/07/03 16:19:13	1.000	65.1	8.7
2032	2010/07/03 16:21:38	0.750	60.3	8.4
2033	2010/07/03 16:21:41	0.750	59.6	9.0
2034	2010/07/03 16:26:17	0.750	64.8	8.3
2035	2010/07/03 16:26:27	1.000	56.0	7.0
2036	2010/07/03 16:27:42	1.000	50.3	8.2
2037	2010/07/03 16:27:46	0.750	53.2	8.3
2038	2010/07/03 16:27:49	0.625	55.6	8.8
2039	2010/07/03 16:30:39	0.875	65.1	7.7
2040	2010/07/03 16:31:29	0.875	54.4	6.7
2041	2010/07/03 16:32:50	0.875	53.9	8.6
2042	2010/07/03 16:35:01	1.000	64.1	7.1
2043	2010/07/03 16:35:03	0.750	60.7	7.6
2044	2010/07/03 16:35:04	0.750	60.1	7.6
2045	2010/07/03 16:35:09	0.625	61.2	9.3
2046	2010/07/03 16:35:18	0.875	58.0	6.2

2047	2010/07/03 16:35:41	0.875	57.0	9.4
2048	2010/07/03 16:35:44	1.000	62.6	7.6
2049	2010/07/03 16:36:04	0.875	58.4	10.2
2050	2010/07/03 16:36:41	0.875	58.7	7.1
2051	2010/07/03 16:36:45	0.875	56.5	8.4
2052	2010/07/03 16:37:31	0.750	55.7	9.4
2053	2010/07/03 16:37:58	0.750	56.3	10.0
2054	2010/07/03 16:39:44	0.750	58.4	7.2
2055	2010/07/03 16:39:45	0.750	59.3	7.5
2056	2010/07/03 16:40:10	1.000	62.6	6.9
2057	2010/07/03 16:40:16	1.000	62.4	7.4
2058	2010/07/03 16:40:19	0.875	64.1	7.3
2059	2010/07/03 16:40:37	1.000	61.0	6.2
2060	2010/07/03 16:42:45	1.000	55.3	7.9
2061	2010/07/03 16:47:44	1.000	52.9	6.8
2062	2010/07/03 16:49:09	0.875	54.2	8.3
2063	2010/07/03 16:49:14	1.000	57.0	8.9
2064	2010/07/03 16:49:21	0.875	56.7	6.5
2065	2010/07/03 16:49:25	0.875	57.4	7.5
2066	2010/07/03 16:49:27	0.750	56.7	8.1
2067	2010/07/03 16:49:31	0.875	55.1	8.4
2068	2010/07/03 16:49:32	0.875	56.0	8.2
2069	2010/07/03 16:49:40	0.750	57.9	9.7
2070	2010/07/03 16:50:05	1.000	60.4	7.7
2071	2010/07/03 16:50:12	0.750	57.7	8.6
2072	2010/07/03 16:50:19	0.875	57.4	8.5
2073	2010/07/03 16:50:34	0.750	58.1	6.6
2074	2010/07/03 16:50:40	1.000	54.5	7.9
2075	2010/07/03 16:50:43	1.000	56.5	8.2
2076	2010/07/03 16:50:59	0.750	54.4	8.8
2077	2010/07/03 16:52:06	0.875	58.7	8.5
2078	2010/07/03 16:52:19	0.750	63.7	6.6

2079	2010/07/03 16:52:20	1.000	64.3	8.2
2080	2010/07/03 16:52:30	1.000	65.2	8.7
2081	2010/07/03 16:52:32	0.750	61.9	7.9
2082	2010/07/03 16:52:34	1.000	52.5	8.6
2083	2010/07/03 16:52:35	0.750	61.4	8.7
2084	2010/07/03 16:52:52	1.000	64.1	7.1
2085	2010/07/03 16:52:58	0.875	63.3	6.4
2086	2010/07/03 16:53:11	0.750	63.9	7.4
2087	2010/07/03 16:53:12	1.000	64.1	6.5
2088	2010/07/03 16:53:13	0.750	64.0	7.9
2089	2010/07/03 16:53:42	1.000	63.9	7.3
2090	2010/07/03 16:53:44	1.000	63.5	7.5
2091	2010/07/03 17:00:02	0.750	62.1	8.3
2092	2010/07/03 17:00:04	1.000	62.9	6.6
2093	2010/07/03 17:01:44	0.750	59.0	8.3
2094	2010/07/03 17:06:53	1.000	76.3	8.0
2095	2010/07/03 17:09:35	0.750	51.4	8.6
2096	2010/07/03 17:17:33	1.000	76.4	7.0
2097	2010/07/03 17:21:22	0.875	61.4	9.5
2098	2010/07/03 17:21:37	1.000	64.7	7.7
2099	2010/07/03 17:22:19	0.750	56.0	8.7
2100	2010/07/03 17:22:38	0.750	63.5	9.8
2101	2010/07/03 17:28:44	0.625	56.1	10.3
2102	2010/07/03 17:28:47	0.750	49.1	8.4
2103	2010/07/03 17:28:47	0.625	58.6	10.1
2104	2010/07/03 17:28:50	0.750	52.7	8.7
2105	2010/07/03 17:28:52	0.750	52.8	9.3
2106	2010/07/03 17:28:55	0.625	53.2	10.2
2107	2010/07/03 17:28:59	0.750	53.1	9.7
2108	2010/07/03 17:29:01	0.750	49.4	7.8
2109	2010/07/03 17:29:02	0.750	52.0	8.3
2110	2010/07/03 17:29:04	0.625	52.9	8.6

2111	2010/07/03 17:29:08	0.750	59.1	10.0
2112	2010/07/03 17:29:24	0.750	60.2	8.6
2113	2010/07/03 17:29:25	0.625	58.5	7.3
2114	2010/07/03 17:29:26	0.625	57.4	6.7
2115	2010/07/03 17:29:27	0.875	58.4	7.1
2116	2010/07/03 17:29:28	0.625	56.6	6.7
2117	2010/07/03 17:29:29	0.625	59.0	8.1
2118	2010/07/03 17:29:30	0.625	59.8	8.1
2119	2010/07/03 17:29:31	0.625	60.0	7.8
2120	2010/07/03 17:29:32	0.625	60.0	8.0
2121	2010/07/03 17:29:32	0.625	61.9	8.1
2122	2010/07/03 17:29:33	0.625	60.2	7.3
2123	2010/07/03 17:29:34	0.750	62.0	8.2
2124	2010/07/03 17:29:35	0.625	59.0	8.2
2125	2010/07/03 17:29:36	0.625	61.1	7.6
2126	2010/07/03 17:29:36	0.625	60.4	7.0
2127	2010/07/03 17:29:37	0.625	59.5	7.0
2128	2010/07/03 17:29:38	0.625	60.1	8.7
2129	2010/07/03 17:29:39	0.750	59.4	7.9
2130	2010/07/03 17:29:40	0.750	59.5	8.4
2131	2010/07/03 17:29:41	0.625	59.6	7.9
2132	2010/07/03 17:29:42	1.000	56.3	7.8
2133	2010/07/03 17:29:56	0.750	60.4	8.7
2134	2010/07/03 17:30:02	0.625	58.9	8.6
2135	2010/07/03 17:30:03	0.625	59.7	8.4
2136	2010/07/03 17:30:04	0.625	60.8	8.5
2137	2010/07/03 17:30:06	0.625	58.2	8.0
2138	2010/07/03 17:30:07	0.625	58.2	8.7
2139	2010/07/03 17:30:08	0.625	57.4	8.4
2140	2010/07/03 17:30:10	0.625	57.8	9.2
2141	2010/07/03 17:30:10	0.750	58.8	9.1
2142	2010/07/03 17:30:12	0.625	57.5	9.2

2143	2010/07/03 17:30:13	0.625	60.5	8.9
2144	2010/07/03 17:30:14	0.625	61.0	7.8
2145	2010/07/03 17:30:14	0.625	60.0	7.6
2146	2010/07/03 17:30:15	0.750	57.5	6.5
2147	2010/07/03 17:30:16	0.625	58.3	7.9
2148	2010/07/03 17:30:17	0.625	61.5	9.0
2149	2010/07/03 17:30:18	0.625	58.5	7.6
2150	2010/07/03 17:30:19	0.625	60.0	8.6
2151	2010/07/03 17:30:22	0.750	56.9	8.3
2152	2010/07/03 17:31:21	1.000	78.8	7.7
2153	2010/07/03 17:34:29	0.875	53.4	7.4
2154	2010/07/03 17:34:36	0.750	60.3	10.1
2155	2010/07/03 17:34:48	0.750	63.9	10.7
2156	2010/07/03 17:36:31	1.000	73.0	11.3
2157	2010/07/03 17:37:21	0.875	52.9	8.5
2158	2010/07/03 17:37:45	0.875	55.5	7.7
2159	2010/07/03 17:38:27	0.875	52.3	7.1
2160	2010/07/03 17:38:46	1.000	78.8	7.5
2161	2010/07/03 17:38:58	0.750	56.7	8.8
2162	2010/07/03 17:39:29	1.000	81.2	7.4
2163	2010/07/03 17:44:49	1.000	59.0	7.2
2164	2010/07/03 17:45:43	1.000	67.6	9.3
2165	2010/07/03 17:45:45	0.750	63.9	8.5
2166	2010/07/03 17:45:49	0.750	69.4	10.2
2167	2010/07/03 17:45:51	0.625	69.4	8.9
2168	2010/07/03 17:45:53	1.000	68.9	9.5
2169	2010/07/03 17:47:53	0.875	61.3	6.5
2170	2010/07/03 17:48:05	0.875	60.5	8.6
2171	2010/07/03 17:50:59	1.000	61.0	6.6
2172	2010/07/03 17:51:19	0.875	58.1	8.4
2173	2010/07/03 17:51:31	1.000	65.0	8.4
2174	2010/07/03 17:58:37	0.875	65.7	7.3

2175	2010/07/03 17:59:08	0.875	57.7	7.5
2176	2010/07/03 17:59:34	0.750	63.0	7.1
2177	2010/07/03 17:59:58	0.875	59.3	8.3
2178	2010/07/03 18:00:46	0.750	57.4	6.3
2179	2010/07/03 18:01:53	0.750	55.8	8.2
2180	2010/07/03 18:03:15	0.750	58.8	9.1
2181	2010/07/03 18:03:23	0.625	58.6	8.2
2182	2010/07/03 18:03:42	1.000	65.4	7.6
2183	2010/07/03 18:03:58	1.000	69.6	10.0
2184	2010/07/03 18:04:04	1.000	68.8	9.2
2185	2010/07/03 18:06:00	0.750	66.0	8.3
2186	2010/07/03 18:08:55	0.875	57.8	9.5
2187	2010/07/03 18:08:58	1.000	53.3	8.0
2188	2010/07/03 18:09:02	0.875	56.5	8.2
2189	2010/07/03 18:12:00	1.000	55.8	8.4
2190	2010/07/03 18:13:40	0.875	59.5	8.9
2191	2010/07/03 18:14:18	0.750	60.1	10.5
2192	2010/07/03 18:15:05	0.875	61.2	9.1
2193	2010/07/03 18:15:32	1.000	60.6	6.6
2194	2010/07/03 18:15:43	0.750	63.9	8.0
2195	2010/07/03 18:15:56	1.000	61.7	7.9
2196	2010/07/03 18:16:52	1.000	57.2	10.7
2197	2010/07/03 18:16:58	1.000	60.0	9.1
2198	2010/07/03 18:18:05	0.875	58.2	7.0
2199	2010/07/03 18:18:43	1.000	68.5	8.5
2200	2010/07/03 18:19:03	0.750	60.8	8.1
2201	2010/07/03 18:19:14	1.000	66.8	8.8
2202	2010/07/03 18:19:17	0.625	62.3	8.9
2203	2010/07/03 18:19:24	1.000	57.5	9.1
2204	2010/07/03 18:19:28	1.000	58.4	9.5
2205	2010/07/03 18:19:49	1.000	64.4	9.6
2206	2010/07/03 18:19:58	1.000	59.0	7.5



2207	2010/07/03 18:20:01	0.750	62.2	10.5
2208	2010/07/03 18:20:33	0.750	63.4	11.5
2209	2010/07/03 18:25:31	0.750	61.5	9.7
2210	2010/07/03 18:26:13	0.750	67.8	11.5
2211	2010/07/03 18:26:16	0.750	57.3	11.5
2212	2010/07/03 18:26:19	0.750	53.6	9.6
2213	2010/07/03 18:26:30	1.000	56.6	8.5
2214	2010/07/03 18:30:39	1.000	56.2	8.8
2215	2010/07/03 18:31:10	0.875	61.0	8.4
2216	2010/07/03 18:31:24	0.875	60.6	8.3
2217	2010/07/03 18:31:26	0.750	64.2	9.4
2218	2010/07/03 18:31:30	0.875	61.1	8.5
2219	2010/07/03 18:32:07	0.750	61.3	8.7
2220	2010/07/03 18:35:47	0.625	63.6	11.5
2221	2010/07/03 18:36:27	0.875	56.2	8.1
2222	2010/07/03 18:37:15	0.875	54.7	8.3
2223	2010/07/03 18:38:14	0.875	57.2	9.6
2224	2010/07/03 18:38:20	0.625	58.6	8.6
2225	2010/07/03 18:38:23	0.750	54.0	6.5
2226	2010/07/03 18:38:30	0.750	54.8	7.6
2227	2010/07/03 18:38:31	0.750	54.8	7.6
2228	2010/07/03 18:38:31	0.750	55.4	7.4
2229	2010/07/03 18:38:33	0.750	55.7	8.9
2230	2010/07/03 18:38:43	0.625	58.6	9.6
2231	2010/07/03 18:38:45	0.750	57.0	8.7
2232	2010/07/03 18:38:46	0.750	56.2	7.7
2233	2010/07/03 18:38:49	0.750	55.2	9.2
2234	2010/07/03 18:38:50	0.750	54.7	7.3
2235	2010/07/03 18:38:51	0.750	53.3	7.7
2236	2010/07/03 18:40:13	0.625	55.9	10.6
2237	2010/07/03 18:40:19	0.625	66.5	11.4
2238	2010/07/03 18:40:31	1.000	54.4	9.3

2239	2010/07/03 18:41:06	0.625	58.7	7.8
2240	2010/07/03 18:41:06	0.750	57.9	6.2
2241	2010/07/03 18:42:21	0.875	56.1	10.1
2242	2010/07/03 18:47:41	0.875	63.7	10.6
2243	2010/07/03 18:47:55	1.000	67.8	8.7
2244	2010/07/03 18:48:02	1.000	60.2	9.3
2245	2010/07/03 18:48:08	1.000	68.7	8.2
2246	2010/07/03 18:52:08	0.875	52.0	8.6
2247	2010/07/03 18:53:50	0.750	66.0	8.1
2248	2010/07/03 18:53:51	0.750	68.8	8.6
2249	2010/07/03 18:53:59	0.625	72.6	10.7
2250	2010/07/03 18:54:01	0.750	65.8	9.6
2251	2010/07/03 18:54:04	0.625	71.7	10.2
2252	2010/07/03 18:54:06	0.875	58.5	12.0
2253	2010/07/03 18:55:48	0.750	57.1	9.7
2254	2010/07/03 19:01:12	0.875	51.6	9.8
2255	2010/07/03 19:01:20	0.750	52.2	7.4
2256	2010/07/03 19:01:22	0.750	53.7	9.8
2257	2010/07/03 19:01:29	0.750	56.9	9.1
2258	2010/07/03 19:01:31	0.500	62.2	11.5
2259	2010/07/03 19:01:34	0.625	66.3	12.0
2260	2010/07/03 19:01:47	1.000	53.7	9.6
2261	2010/07/03 19:03:41	0.625	58.1	10.0
2262	2010/07/03 19:03:42	0.625	61.0	10.5
2263	2010/07/03 19:03:44	0.750	56.9	8.0
2264	2010/07/03 19:03:45	0.750	57.9	8.6
2265	2010/07/03 19:03:46	0.625	61.7	9.4
2266	2010/07/03 19:03:47	0.750	60.2	7.7
2267	2010/07/03 19:03:48	0.625	59.5	7.9
2268	2010/07/03 19:03:49	0.625	58.6	7.4
2269	2010/07/03 19:03:50	1.000	65.3	9.9
2270	2010/07/03 19:06:34	0.750	53.6	8.7

2271	2010/07/03 19:06:40	0.750	55.2	10.2
2272	2010/07/03 19:07:51	0.750	63.3	8.7
2273	2010/07/03 19:08:58	1.000	58.2	8.8
2274	2010/07/03 19:09:02	0.750	58.5	9.6
2275	2010/07/03 19:10:55	1.000	60.3	8.7
2276	2010/07/03 19:11:10	0.750	57.7	9.9
2277	2010/07/03 19:14:21	0.875	55.3	8.9
2278	2010/07/03 19:14:26	0.875	64.4	8.3
2279	2010/07/03 19:14:33	1.000	67.0	8.9
2280	2010/07/03 19:18:16	1.000	63.0	9.6
2281	2010/07/03 19:25:41	0.875	67.3	7.7
2282	2010/07/03 19:25:45	0.750	67.1	10.5
2283	2010/07/03 19:28:23	0.750	56.7	6.7
2284	2010/07/03 19:28:27	0.625	60.9	9.5
2285	2010/07/03 19:28:29	0.750	59.4	8.8
2286	2010/07/03 19:28:30	0.875	62.0	9.0
2287	2010/07/03 19:28:31	0.750	62.0	8.5
2288	2010/07/03 19:32:14	0.875	57.5	6.7
2289	2010/07/03 19:32:16	1.000	73.1	6.9
2290	2010/07/03 19:32:22	0.750	64.4	7.9
2291	2010/07/03 19:41:25	0.750	56.2	8.7
2292	2010/07/03 19:43:20	0.750	51.7	9.8
2293	2010/07/03 19:43:35	0.500	60.5	11.7
2294	2010/07/03 19:49:55	0.875	86.6	9.8
2295	2010/07/03 19:50:59	1.000	60.4	7.2
2296	2010/07/03 19:53:05	0.875	66.4	10.2
2297	2010/07/03 19:53:06	0.750	68.6	9.4
2298	2010/07/03 19:58:22	1.000	75.3	7.8
2299	2010/07/03 20:00:58	1.000	67.3	10.1
2300	2010/07/03 20:06:11	1.000	57.5	8.6
2301	2010/07/03 20:06:21	0.750	57.5	8.0
2302	2010/07/03 20:06:28	0.750	56.6	6.3

2303	2010/07/03 20:06:29	0.875	55.2	6.2
2304	2010/07/03 20:06:31	0.750	59.1	9.3
2305	2010/07/03 20:09:46	1.000	56.9	7.4
2306	2010/07/03 20:11:02	0.500	64.5	12.3
2307	2010/07/03 20:13:18	0.875	66.3	7.2
2308	2010/07/03 20:16:01	1.000	65.9	9.5
2309	2010/07/03 20:17:20	0.750	58.9	10.1
2310	2010/07/03 20:17:22	0.750	62.2	10.3
2311	2010/07/03 20:17:25	0.750	63.5	10.0
2312	2010/07/03 20:18:09	0.875	65.4	7.1
2313	2010/07/03 20:18:34	1.000	60.1	8.2
2314	2010/07/03 20:19:50	1.000	76.1	9.1
2315	2010/07/03 20:20:33	0.750	57.8	8.5
2316	2010/07/03 20:22:14	0.875	59.7	7.5
2317	2010/07/03 20:22:27	0.875	59.5	8.2
2318	2010/07/03 20:23:01	0.750	57.8	9.3
2319	2010/07/03 20:23:11	0.875	56.0	10.6
2320	2010/07/03 20:23:12	0.750	53.5	8.5
2321	2010/07/03 20:23:33	0.875	57.9	7.3
2322	2010/07/03 20:23:38	0.625	75.4	7.1
2323	2010/07/03 20:23:42	1.000	64.9	7.5
2324	2010/07/03 20:23:45	0.750	55.1	7.3
2325	2010/07/03 20:23:47	0.625	55.3	9.0
2326	2010/07/03 20:23:48	0.625	56.2	9.6
2327	2010/07/03 20:23:50	0.625	75.0	10.0
2328	2010/07/03 20:23:52	0.750	73.5	8.6
2329	2010/07/03 20:23:53	0.750	59.9	9.7
2330	2010/07/03 20:23:54	0.625	62.1	9.8
2331	2010/07/03 20:23:58	0.750	58.9	7.9
2332	2010/07/03 20:24:00	0.625	59.8	8.9
2333	2010/07/03 20:24:01	0.750	77.0	9.8
2334	2010/07/03 20:24:03	0.625	79.9	8.7

2335	2010/07/03 20:24:04	0.625	78.6	8.7
2336	2010/07/03 20:24:06	0.625	77.7	8.0
2337	2010/07/03 20:24:07	0.625	61.2	8.9
2338	2010/07/03 20:24:09	0.625	78.7	10.3
2339	2010/07/03 20:24:10	0.625	62.0	11.7
2340	2010/07/03 20:24:12	0.625	65.8	10.3
2341	2010/07/03 20:24:15	0.625	74.7	10.3
2342	2010/07/03 20:24:16	0.625	66.2	10.8
2343	2010/07/03 20:24:18	0.625	64.4	9.4
2344	2010/07/03 20:24:19	0.625	64.9	8.5
2345	2010/07/03 20:24:20	0.625	67.0	9.0
2346	2010/07/03 20:24:22	0.625	66.5	9.7
2347	2010/07/03 20:24:24	0.625	69.4	9.8
2348	2010/07/03 20:24:25	0.625	69.0	8.3
2349	2010/07/03 20:25:37	0.750	76.1	9.3
2350	2010/07/03 20:25:38	0.750	77.2	10.0
2351	2010/07/03 20:25:41	0.875	77.6	9.5
2352	2010/07/03 20:25:45	0.625	78.3	7.7
2353	2010/07/03 20:25:54	0.875	57.7	11.7
2354	2010/07/03 20:25:56	0.875	58.4	7.8
2355	2010/07/03 20:26:00	0.875	56.7	8.6
2356	2010/07/03 20:26:04	1.000	58.4	7.6
2357	2010/07/03 20:26:08	0.750	70.2	10.2
2358	2010/07/03 20:26:48	0.750	53.5	8.3
2359	2010/07/03 20:26:54	0.750	59.9	10.0
2360	2010/07/03 20:27:47	1.000	55.9	8.3
2361	2010/07/03 20:28:06	1.000	64.1	8.3
2362	2010/07/03 20:28:11	0.625	60.9	10.1
2363	2010/07/03 20:29:13	0.875	54.2	9.2
2364	2010/07/03 20:30:07	1.000	58.6	8.9
2365	2010/07/03 20:30:09	1.000	61.7	8.5
2366	2010/07/03 20:30:19	0.750	58.8	9.4

2367	2010/07/03 20:31:30	0.875	65.9	9.4
2368	2010/07/03 20:31:32	0.750	63.9	7.6
2369	2010/07/03 20:31:34	0.875	64.2	9.3
2370	2010/07/03 20:31:40	1.000	66.8	7.6
2371	2010/07/03 20:32:02	0.875	71.2	9.5
2372	2010/07/03 20:32:27	0.750	62.9	10.2
2373	2010/07/03 20:34:26	0.750	57.2	9.3
2374	2010/07/03 20:34:48	0.875	50.0	6.8
2375	2010/07/03 20:36:15	1.000	60.5	7.3
2376	2010/07/03 20:36:38	0.625	57.4	10.2
2377	2010/07/03 20:36:46	1.000	56.3	8.7
2378	2010/07/03 20:37:15	1.000	65.7	8.6
2379	2010/07/03 20:37:18	1.000	64.3	8.2
2380	2010/07/03 20:37:21	0.750	60.0	10.6
2381	2010/07/03 20:37:23	0.875	66.4	8.9
2382	2010/07/03 20:37:24	1.000	62.7	6.2
2383	2010/07/03 20:37:28	0.750	55.9	8.6
2384	2010/07/03 20:37:33	1.000	62.0	9.0
2385	2010/07/03 20:37:36	1.000	66.6	8.7
2386	2010/07/03 20:37:38	0.625	60.7	8.8
2387	2010/07/03 20:37:40	1.000	64.2	7.8
2388	2010/07/03 20:37:56	1.000	61.4	8.3
2389	2010/07/03 20:38:16	0.875	56.1	7.6
2390	2010/07/03 20:38:58	0.625	52.6	9.5
2391	2010/07/03 20:39:28	0.875	56.4	9.4
2392	2010/07/03 20:40:18	1.000	66.5	9.5
2393	2010/07/03 20:41:49	0.750	55.3	8.3
2394	2010/07/03 20:45:11	0.750	65.5	10.5
2395	2010/07/03 20:45:45	1.000	63.8	7.1
2396	2010/07/03 20:46:08	0.625	64.4	9.4
2397	2010/07/03 20:46:51	0.625	62.4	8.2
2398	2010/07/03 20:46:54	0.750	60.6	9.0

2399	2010/07/03 20:47:17	0.750	57.3	9.3
2400	2010/07/03 20:47:58	0.750	56.0	8.6
2401	2010/07/03 20:48:01	0.875	54.6	8.2
2402	2010/07/03 20:51:48	0.875	57.7	8.6
2403	2010/07/03 20:51:50	1.000	61.6	8.1
2404	2010/07/03 20:52:00	0.875	56.7	8.8
2405	2010/07/03 20:52:12	0.875	56.2	9.7
2406	2010/07/03 20:52:32	0.875	59.9	7.2
2407	2010/07/03 20:53:44	0.750	58.3	9.4
2408	2010/07/03 20:53:47	0.875	54.4	7.7
2409	2010/07/03 20:54:18	1.000	53.4	8.1
2410	2010/07/03 20:54:43	0.625	62.4	12.4
2411	2010/07/03 20:54:46	0.625	66.5	12.1
2412	2010/07/03 20:54:49	0.875	63.5	11.6
2413	2010/07/03 20:54:51	0.625	56.8	10.2
2414	2010/07/03 20:54:53	0.625	53.9	8.8
2415	2010/07/03 20:54:55	0.750	54.0	7.9
2416	2010/07/03 20:54:57	0.625	54.4	8.5
2417	2010/07/03 20:54:58	0.625	55.5	8.9
2418	2010/07/03 20:54:59	0.875	55.9	8.7
2419	2010/07/03 20:55:09	0.750	53.1	8.6
2420	2010/07/03 20:55:10	0.875	53.7	7.9
2421	2010/07/03 20:55:19	1.000	60.6	6.4
2422	2010/07/03 20:55:22	0.750	55.5	7.9
2423	2010/07/03 20:55:24	0.625	54.7	8.7
2424	2010/07/03 20:55:27	0.750	52.6	8.8
2425	2010/07/03 20:55:57	0.625	64.0	11.5
2426	2010/07/03 20:56:02	1.000	56.4	8.6
2427	2010/07/03 20:56:10	1.000	61.9	7.8
2428	2010/07/03 20:56:12	0.875	55.0	6.7
2429	2010/07/03 20:56:16	1.000	54.7	8.5
2430	2010/07/03 20:56:29	0.750	56.6	11.6

2431	2010/07/03 20:58:40	1.000	55.1	7.1
2432	2010/07/03 21:00:09	0.750	54.9	10.2
2433	2010/07/03 21:01:38	1.000	58.5	7.8
2434	2010/07/03 21:02:44	0.875	55.4	8.4
2435	2010/07/03 21:03:25	1.000	63.8	7.5
2436	2010/07/03 21:03:38	1.000	57.7	8.8
2437	2010/07/03 21:03:57	0.625	62.3	11.9
2438	2010/07/03 21:05:11	0.625	60.2	10.7
2439	2010/07/03 21:05:26	0.625	61.0	11.1
2440	2010/07/03 21:06:11	0.625	75.7	10.3
2441	2010/07/03 21:06:57	0.500	63.2	11.9
2442	2010/07/03 21:07:47	0.500	60.4	11.5
2443	2010/07/03 21:08:00	0.625	63.2	12.0
2444	2010/07/03 21:08:24	0.875	57.4	8.6
2445	2010/07/03 21:08:33	0.625	56.8	10.7
2446	2010/07/03 21:08:36	0.750	62.2	8.9
2447	2010/07/03 21:08:45	0.875	59.6	8.0
2448	2010/07/03 21:09:03	1.000	63.3	6.6
2449	2010/07/03 21:09:41	0.750	57.5	10.1
2450	2010/07/03 21:10:50	0.875	59.9	7.6
2451	2010/07/03 21:11:11	0.625	59.2	11.3
2452	2010/07/03 21:11:40	1.000	56.4	7.7
2453	2010/07/03 21:11:43	0.625	63.2	11.7
2454	2010/07/03 21:13:34	0.875	58.4	7.4
2455	2010/07/03 21:14:10	1.000	61.5	8.7
2456	2010/07/03 21:15:34	1.000	60.1	7.2
2457	2010/07/03 21:16:13	0.750	60.1	9.3
2458	2010/07/03 21:16:46	1.000	60.0	7.8
2459	2010/07/03 21:16:47	1.000	59.4	8.0
2460	2010/07/03 21:18:00	0.875	60.3	7.4
2461	2010/07/03 21:18:44	1.000	67.2	9.0
2462	2010/07/03 21:18:45	0.625	63.4	8.4



2463	2010/07/03 21:18:48	0.875	70.2	9.5
2464	2010/07/03 21:18:53	0.750	61.1	9.0
2465	2010/07/03 21:19:11	1.000	68.2	9.2
2466	2010/07/03 21:19:34	0.750	59.6	6.4
2467	2010/07/03 21:19:48	0.875	56.7	7.9
2468	2010/07/03 21:20:45	1.000	58.7	8.5
2469	2010/07/03 21:21:05	1.000	60.5	7.4
2470	2010/07/03 21:21:13	0.750	63.1	9.4
2471	2010/07/03 21:21:19	0.875	59.3	7.8
2472	2010/07/03 21:21:43	1.000	65.8	9.0
2473	2010/07/03 21:21:48	1.000	56.6	7.9
2474	2010/07/03 21:21:52	0.875	58.7	8.4
2475	2010/07/03 21:22:51	0.875	62.7	6.3
2476	2010/07/03 21:22:59	0.750	64.6	9.2
2477	2010/07/03 21:23:21	1.000	62.9	7.5
2478	2010/07/03 21:23:23	0.750	62.4	6.4
2479	2010/07/03 21:23:39	0.750	59.9	8.8
2480	2010/07/03 21:23:46	1.000	59.0	7.3
2481	2010/07/03 21:23:52	0.750	59.6	9.1
2482	2010/07/03 21:23:57	1.000	57.6	6.9
2483	2010/07/03 21:24:08	0.875	57.1	8.5
2484	2010/07/03 21:24:51	1.000	56.4	7.1
2485	2010/07/03 21:24:53	0.875	55.9	7.2
2486	2010/07/03 21:25:05	0.875	56.0	7.5
2487	2010/07/03 21:25:52	1.000	66.7	9.5
2488	2010/07/03 21:31:33	0.750	55.0	9.0
2489	2010/07/03 21:31:38	0.500	74.2	12.1
2490	2010/07/03 21:32:09	0.750	62.6	9.3
2491	2010/07/03 21:34:17	0.750	60.4	9.8
2492	2010/07/03 21:36:04	0.750	61.3	7.9
2493	2010/07/03 21:39:23	0.750	58.0	9.5
2494	2010/07/03 21:40:27	0.750	59.8	7.1

2495	2010/07/03 21:40:53	0.875	61.4	9.5
2496	2010/07/03 21:41:53	0.875	55.2	8.8
2497	2010/07/03 21:42:35	0.875	54.7	8.2
2498	2010/07/03 21:42:40	0.875	57.8	8.5
2499	2010/07/03 21:43:23	0.750	60.7	8.1
2500	2010/07/03 21:43:27	1.000	59.7	6.1
2501	2010/07/03 21:44:01	0.875	57.9	7.3
2502	2010/07/03 21:44:39	0.875	59.1	8.5
2503	2010/07/03 21:47:54	0.625	61.8	9.5
2504	2010/07/03 21:49:00	0.625	61.0	10.7
2505	2010/07/03 21:53:09	0.875	76.0	9.7
2506	2010/07/03 21:53:12	0.625	67.9	8.5
2507	2010/07/03 21:53:14	0.625	67.3	9.4
2508	2010/07/03 21:54:07	0.750	70.7	10.2
2509	2010/07/03 21:54:18	0.625	63.7	8.7
2510	2010/07/03 21:54:19	1.000	60.7	7.2
2511	2010/07/03 21:54:23	0.625	75.5	10.5
2512	2010/07/03 22:00:09	1.000	60.8	7.9
2513	2010/07/03 22:00:57	1.000	56.6	8.6
2514	2010/07/03 22:01:08	0.625	71.9	9.9
2515	2010/07/03 22:01:12	0.625	70.8	9.6
2516	2010/07/03 22:01:18	0.625	66.8	10.2
2517	2010/07/03 22:05:05	1.000	61.9	7.5
2518	2010/07/03 22:10:18	0.625	75.8	9.5
2519	2010/07/03 22:11:07	1.000	54.8	7.6
2520	2010/07/03 22:16:34	0.625	64.6	7.6
2521	2010/07/03 22:16:45	0.750	66.3	6.8
2522	2010/07/03 22:16:51	0.625	65.4	6.5
2523	2010/07/03 22:16:56	1.000	65.9	8.6
2524	2010/07/03 22:17:02	1.000	65.2	10.6
2525	2010/07/03 22:17:10	1.000	69.1	8.0
2526	2010/07/03 22:17:19	1.000	67.9	7.8

2527	2010/07/03 22:17:27	0.875	54.3	8.8
2528	2010/07/03 22:17:31	0.625	59.0	10.9
2529	2010/07/03 22:17:39	0.625	55.3	9.8
2530	2010/07/03 22:19:30	0.500	61.2	11.4
2531	2010/07/03 22:19:36	1.000	52.4	7.0
2532	2010/07/03 22:19:54	0.625	54.9	9.6
2533	2010/07/03 22:19:55	0.875	66.2	9.2
2534	2010/07/03 22:20:07	1.000	67.2	9.4
2535	2010/07/03 22:20:28	0.750	64.1	9.0
2536	2010/07/03 22:20:39	1.000	72.9	11.0
2537	2010/07/03 22:21:12	1.000	78.0	8.0
2538	2010/07/03 22:24:16	0.750	61.4	10.2
2539	2010/07/03 22:31:57	0.625	64.5	10.2
2540	2010/07/03 22:31:59	1.000	65.2	10.2
2541	2010/07/03 22:33:31	1.000	62.1	8.6
2542	2010/07/03 22:35:39	0.875	54.6	6.5
2543	2010/07/03 22:35:44	0.875	54.8	6.5
2544	2010/07/03 22:35:52	0.750	57.9	7.8
2545	2010/07/03 22:36:03	1.000	59.7	9.4
2546	2010/07/03 22:36:09	0.875	60.0	7.1
2547	2010/07/03 22:36:11	0.875	58.0	7.8
2548	2010/07/03 22:39:01	0.625	58.5	9.0
2549	2010/07/03 22:39:02	0.750	58.1	8.7
2550	2010/07/03 22:39:03	0.750	53.7	6.9
2551	2010/07/03 22:39:45	0.625	57.0	10.9
2552	2010/07/03 22:39:47	0.625	58.6	11.0
2553	2010/07/03 22:40:14	0.750	55.0	8.8
2554	2010/07/03 22:40:45	1.000	55.7	9.2
2555	2010/07/03 22:44:29	0.625	72.3	10.0
2556	2010/07/03 22:45:38	0.625	56.7	9.8
2557	2010/07/03 22:54:25	1.000	56.8	8.7
2558	2010/07/03 22:55:15	0.750	58.8	9.8

2559	2010/07/03 22:55:39	0.625	67.2	11.9
2560	2010/07/03 22:56:08	0.625	59.7	9.3
2561	2010/07/03 22:56:58	0.625	66.4	10.7
2562	2010/07/03 22:57:05	0.750	57.9	8.0
2563	2010/07/03 22:58:47	0.625	64.3	9.9
2564	2010/07/03 22:59:29	0.875	78.5	9.1
2565	2010/07/03 23:00:21	0.625	79.0	9.2
2566	2010/07/03 23:00:33	0.750	66.3	8.6
2567	2010/07/03 23:00:37	0.875	65.9	8.1
2568	2010/07/03 23:00:43	0.875	67.2	6.2
2569	2010/07/03 23:01:13	0.875	62.0	9.0
2570	2010/07/03 23:01:22	0.750	62.9	9.3
2571	2010/07/03 23:02:34	1.000	62.5	6.9
2572	2010/07/03 23:02:53	0.750	58.6	9.6
2573	2010/07/03 23:07:11	1.000	56.7	7.9

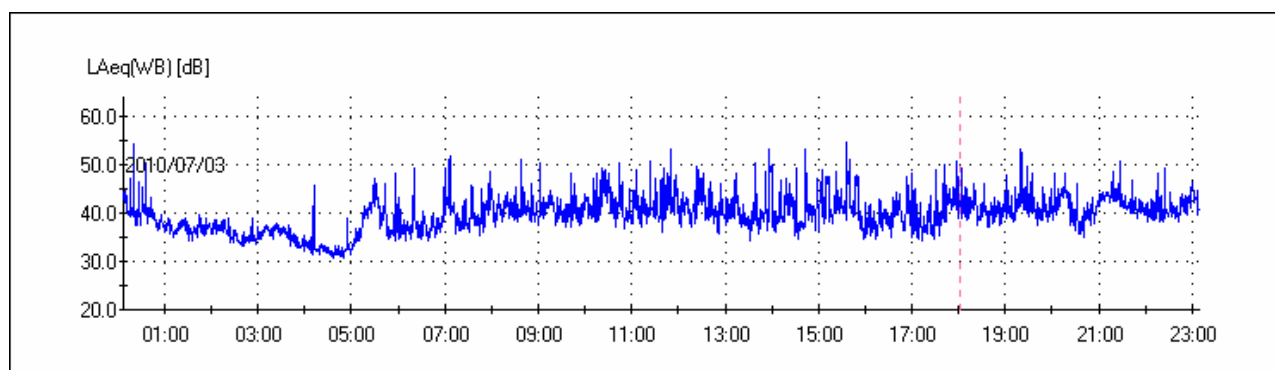
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



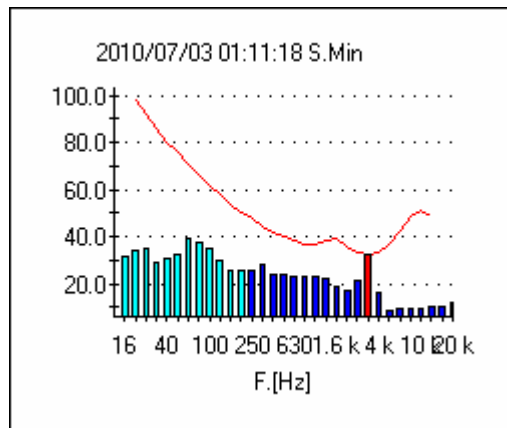
SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 160	0.0
Freq: 315	0.0
Freq: 500	0.7
Freq: 630	0.2
Freq: 800	0.2
Freq: 1 k	0.1
Freq: 1.25 k	0.2
Freq: 2 k	0.0
Freq: 2.5 k	0.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

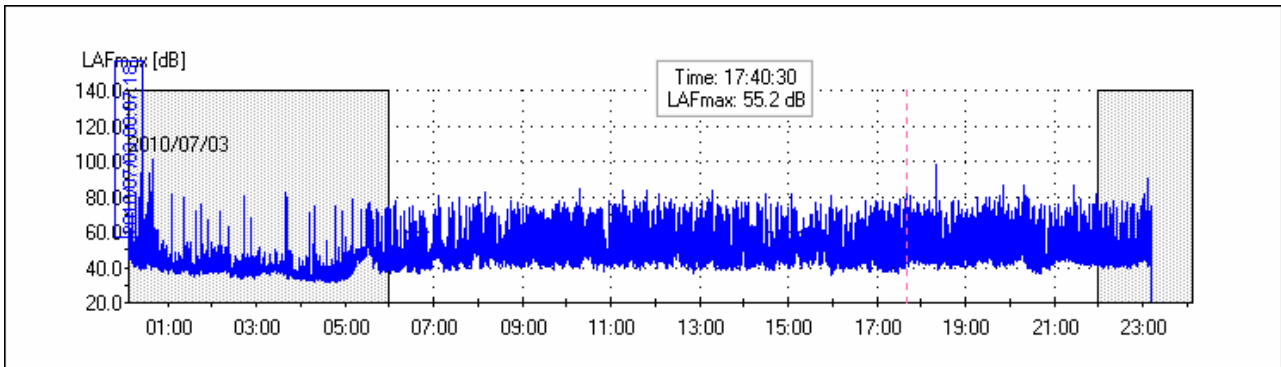
<b>Freq: 3.15 k</b>	<b>22.8</b>
Freq: 4 k	0.4
Freq: 5 k	0.4
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
<b>Penalizzazione AF: 3dB</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

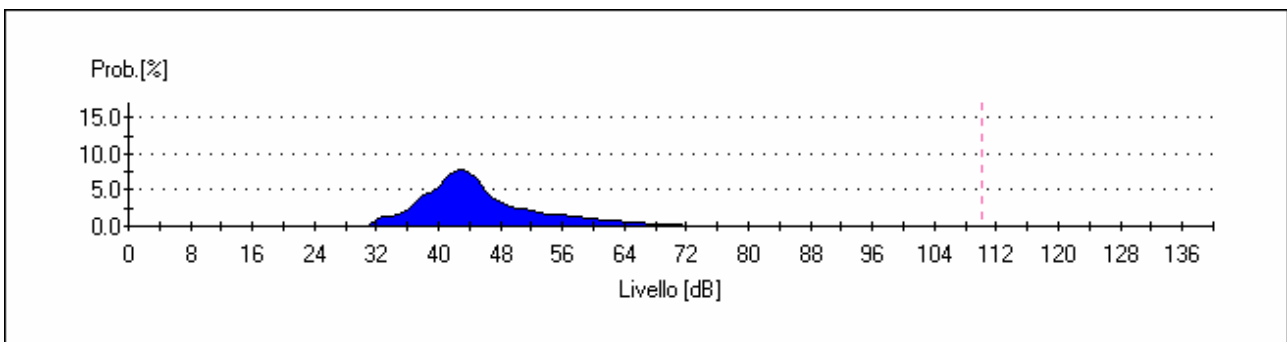
**TIME ISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

CUMULATIVA

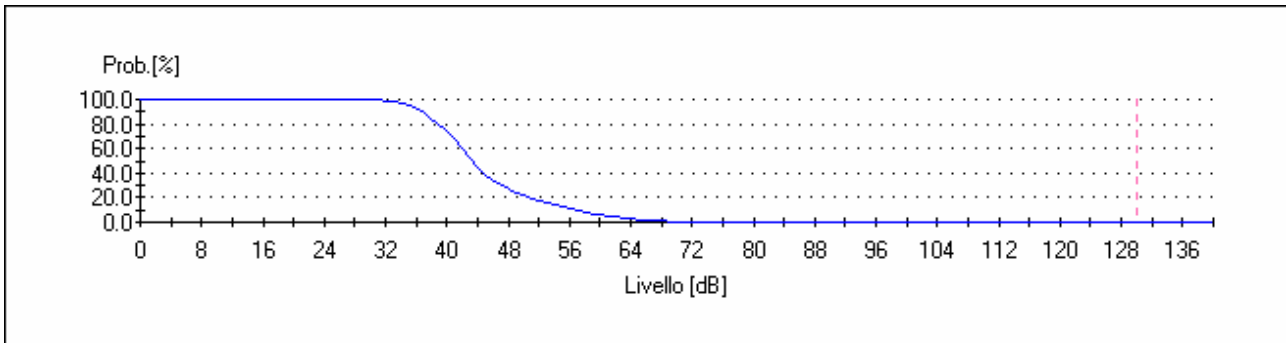
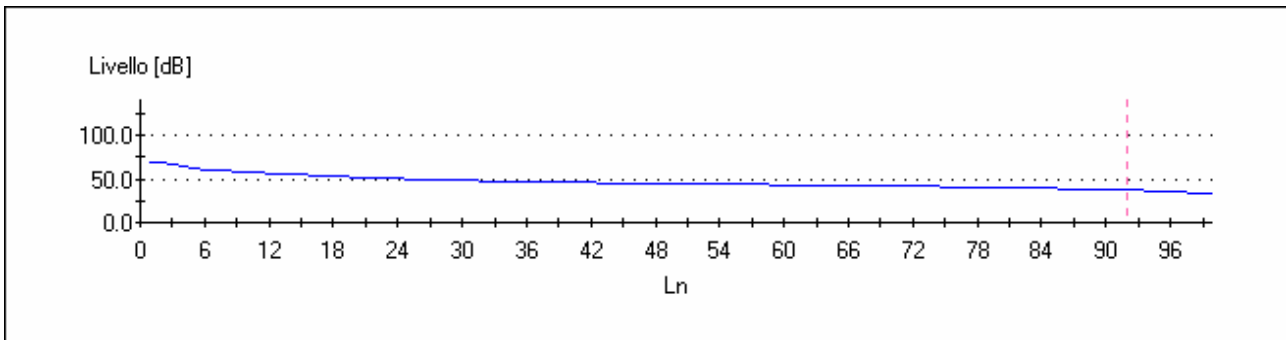


GRAFICO PERCENTILI



**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**



Percentile	Leq.[dB]
0	69.0
1	69.0
2	66.0
3	64.0
4	63.0
5	61.0
6	60.0
7	59.0
8	58.5
9	58.0
10	57.0
11	56.0
12	55.5
13	55.0
14	54.5
15	54.0
16	53.5
17	53.0
18	52.5
19	52.0
20	51.5
21	51.0
22	50.7
23	50.3
24	50.0
25	49.5
26	49.0
27	48.8
28	48.5
29	48.3
30	48.0

31	47.7
32	47.3
33	47.0
34	46.8
35	46.6
36	46.4
37	46.2
38	46.0
39	45.9
40	45.7
41	45.6
42	45.4
43	45.3
44	45.1
45	45.0
46	44.9
47	44.7
48	44.6
49	44.4
50	44.3
51	44.1
52	44.0
53	43.9
54	43.8
55	43.6
56	43.5
57	43.4
58	43.3
59	43.1
60	43.0
61	42.9
62	42.7

63	42.6
64	42.4
65	42.3
66	42.1
67	42.0
68	41.9
69	41.7
70	41.6
71	41.4
72	41.3
73	41.1
74	41.0
75	40.8
76	40.7
77	40.5
78	40.3
79	40.2
80	40.0
81	39.8
82	39.5
83	39.3
84	39.0
85	38.8
86	38.6
87	38.4
88	38.2
89	38.0
90	37.7
91	37.3
92	37.0
93	36.5
94	36.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

95	35.5
96	35.0
97	34.0
98	33.5
99	33.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	69.0
1	69.0
2	66.0
3	65.0
4	64.0
5	62.0
6	61.0
7	60.5
8	60.0
9	59.0
10	58.5
11	58.0
12	57.0
13	56.5
14	56.0
15	55.5
16	55.0
17	54.7
18	54.3
19	54.0
20	53.5
21	53.0
22	52.7

23	52.3
24	52.0
25	51.7
26	51.3
27	51.0
28	50.7
29	50.3
30	50.0
31	49.7
32	49.3
33	49.0
34	48.8
35	48.5
36	48.3
37	48.0
38	47.8
39	47.6
40	47.4
41	47.2
42	47.0
43	46.8
44	46.7
45	46.5
46	46.3
47	46.2
48	46.0
49	45.9
50	45.7
51	45.6
52	45.4
53	45.3
54	45.1

55	45.0
56	44.9
57	44.8
58	44.7
59	44.6
60	44.4
61	44.3
62	44.2
63	44.1
64	44.0
65	43.9
66	43.8
67	43.7
68	43.6
69	43.4
70	43.3
71	43.2
72	43.1
73	43.0
74	42.9
75	42.8
76	42.6
77	42.5
78	42.4
79	42.3
80	42.1
81	42.0
82	41.9
83	41.8
84	41.6
85	41.5
86	41.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

87	41.3
88	41.1
89	41.0
90	40.8
91	40.6
92	40.4
93	40.2
94	40.0
95	39.7
96	39.3
97	39.0
98	38.0
99	37.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	67.0
1	67.0
2	64.0
3	61.0
4	59.0
5	57.0
6	55.0
7	53.0
8	52.0
9	50.0
10	49.0
11	48.5
12	48.0
13	47.5
14	47.0

15	46.7
16	46.3
17	46.0
18	45.8
19	45.5
20	45.3
21	45.0
22	44.8
23	44.5
24	44.3
25	44.0
26	43.8
27	43.6
28	43.4
29	43.2
30	43.0
31	42.8
32	42.7
33	42.5
34	42.3
35	42.2
36	42.0
37	41.8
38	41.6
39	41.4
40	41.2
41	41.0
42	40.9
43	40.7
44	40.6
45	40.4
46	40.3



47	40.1
48	40.0
49	39.9
50	39.8
51	39.6
52	39.5
53	39.4
54	39.3
55	39.1
56	39.0
57	38.9
58	38.8
59	38.7
60	38.6
61	38.5
62	38.5
63	38.4
64	38.3
65	38.2
66	38.1
67	38.0
68	37.9
69	37.8
70	37.7
71	37.6
72	37.4
73	37.3
74	37.2
75	37.1
76	37.0
77	36.8
78	36.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

79	36.5
80	36.3
81	36.2
82	36.0
83	35.8
84	35.6
85	35.4
86	35.2
87	35.0
88	34.8
89	34.6
90	34.4
91	34.2
92	34.0
93	33.8
94	33.6
95	33.4
96	33.2
97	33.0
98	32.5
99	32.0

**LIVELLI DI IMPULS- FAST E SLOW**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
103,2	95,8	101
84,7	77,8	82,2
88,5	80,2	84,2
85,6	80,7	83,6
98,5	93	97,6
90,9	86,2	90,2
<b>103,2</b>	<b>95,8</b>	<b>101</b>

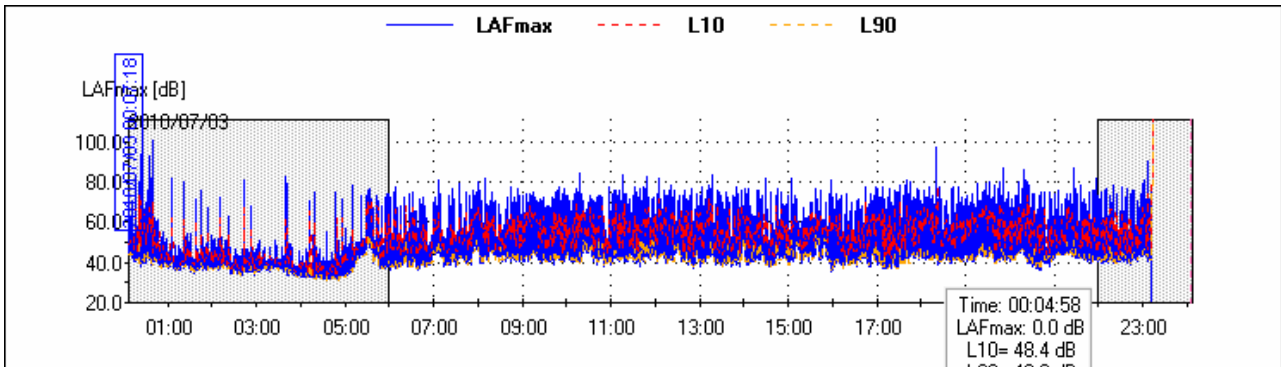
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
84,7	77,8	82,2
88,5	80,2	84,2
85,6	80,7	83,6
98,5	93	97,6
88,5	80,7	86,8
<b>98,5</b>	<b>93</b>	<b>97,6</b>

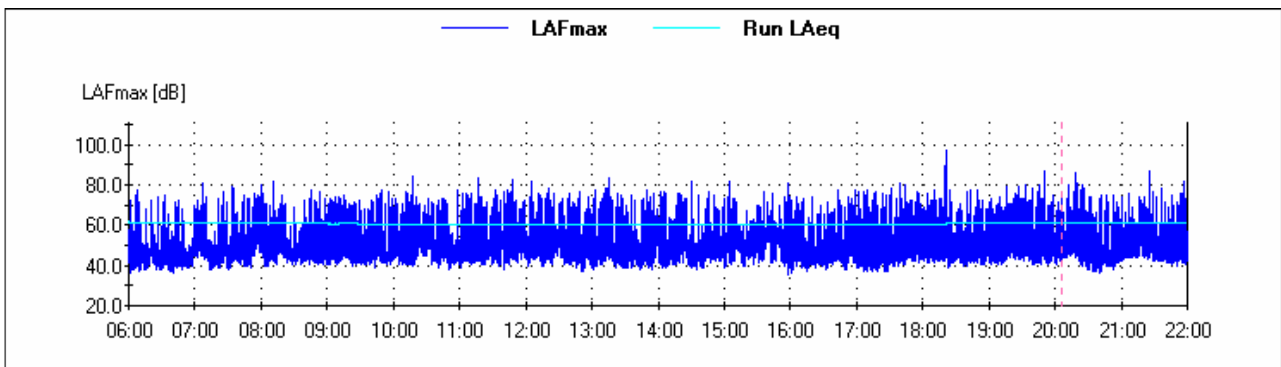
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
103,2	95,8	101
80,4	72,9	78,5
90,9	86,2	90,2
<b>103,2</b>	<b>95,8</b>	<b>101</b>

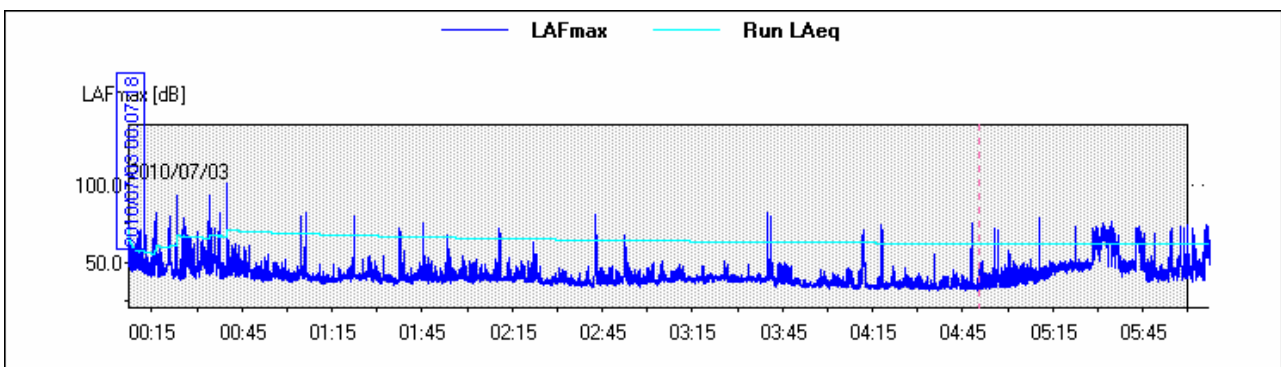
**TIME HISTORY L10 – L90**



**RUNNING Leq DIURNO**

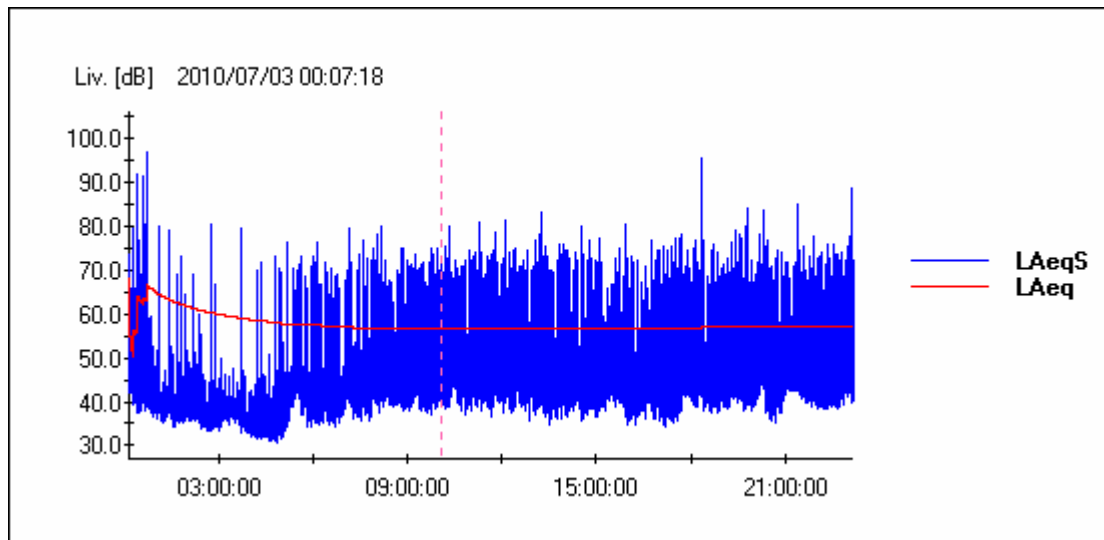


**RUNNING Leq NOTTURNO**

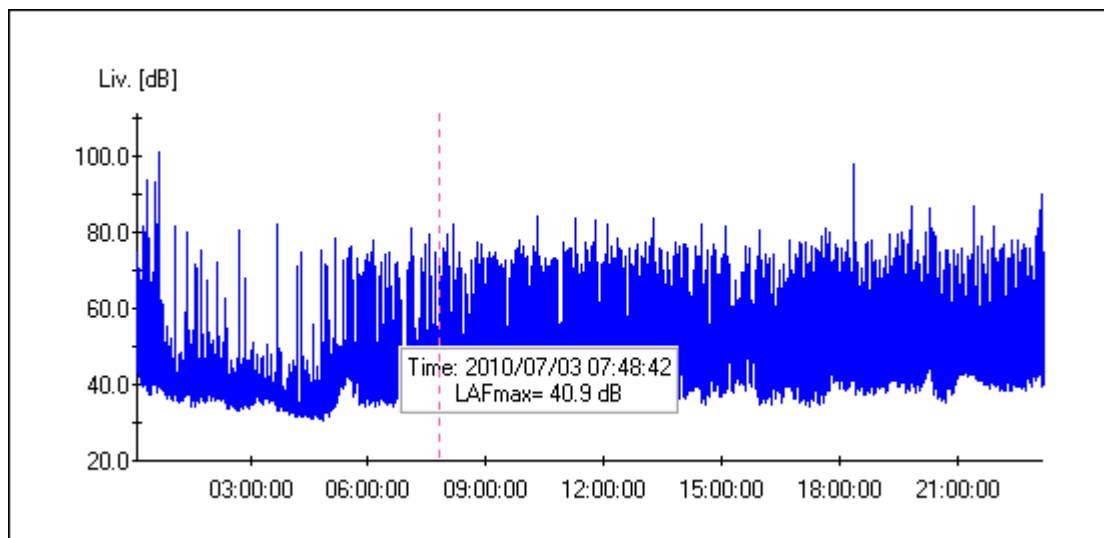


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_19_S</b>	<b>SS 113 SCUOLA</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiade adiacente la carreggiata stradale alla una distanza di mt 1 dal muro di cinta della scuola</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_19_S</b>	Indirizzo <b>SS 113 SCUOLA</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>06/07/10</b>	<b>66.8</b>	<b>0</b>	<b>0</b>		<b>66.8</b>	<b>60</b>
Notte	22-6h	<b>06/07/10</b>	<b>60.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60.5</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_19_S</b>
Data inizio	<b>06/07/2010</b>
Ora inizio	<b>23.32.36</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>65.6</b>	<b>66.8</b>	<b>60.5</b>
L1	[dBA]	<b>75.0</b>	<b>75.0</b>	<b>72.0</b>
L5	[dBA]	<b>71.0</b>	<b>72.0</b>	<b>66.0</b>
L10	[dBA]	<b>69.3</b>	<b>70.3</b>	<b>62.5</b>
L50	[dBA]	<b>60.2</b>	<b>63.2</b>	<b>46.0</b>
L90	[dBA]	<b>37.0</b>	<b>54.0</b>	<b>33.2</b>
L95	[dBA]	<b>34.0</b>	<b>51.0</b>	<b>31.5</b>
L99	[dBA]	<b>30.0</b>	<b>46.0</b>	<b>29.0</b>
L <sub>I</sub> max	[dBA]	<b>99.8</b>	<b>99.8</b>	<b>89.7</b>
L <sub>F</sub> max	[dBA]	<b>99.0</b>	<b>99.0</b>	<b>87.9</b>
L <sub>S</sub> max	[dBA]	<b>94.6</b>	<b>94.0</b>	<b>83.7</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>65.6</b>	<b>66.8</b>	<b>60.5</b>



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_19_S</b>	Indirizzo <b>SS 113 SCUOLA</b>
-------	----------------------------	-----------------------------------

**Sorgente stradale:** \_\_\_\_\_

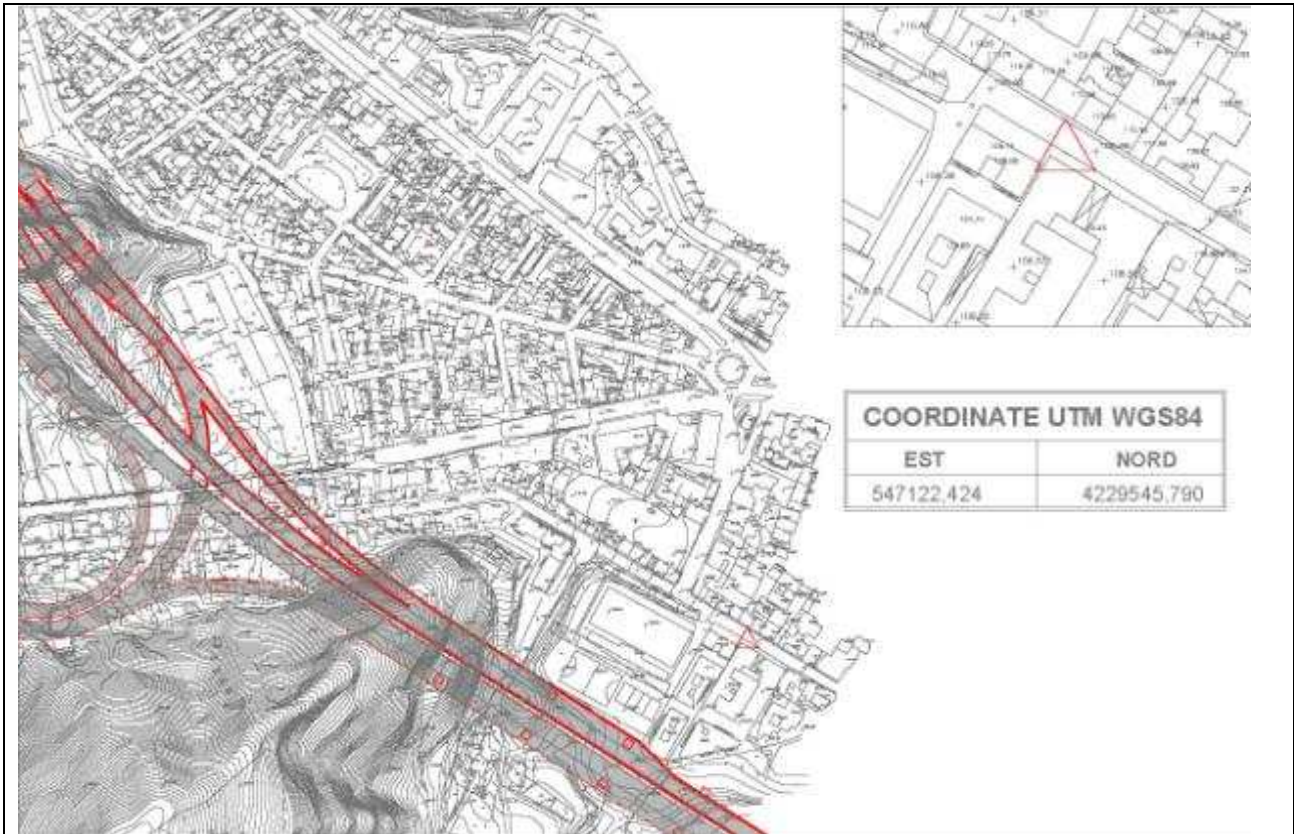
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>76</b>	<b>108</b>	<b>55</b>	<b>102</b>	<b>85.25</b>	<b>76</b>	<b>6</b>	<b>41</b>
Veic. Pesanti / 10'	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.5</b>
Motocicli / 10'	<b>8</b>	<b>16</b>	<b>23</b>	<b>16</b>	<b>15.75</b>	<b>8</b>	<b>1</b>	<b>4.5</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>23.2</b>	<b>26.4</b>	<b>29.2</b>	<b>23.6</b>	<b>25.6</b>	<b>21</b>	<b>18</b>	<b>19.5</b>
Umidità relativa	<b>65</b>	<b>56</b>	<b>70</b>	<b>74</b>	<b>66.25</b>	<b>67</b>	<b>65</b>	<b>66</b>
Velocità vento	<b>4.2</b>	<b>4.6</b>	<b>3.8</b>	<b>3.2</b>	<b>3.95</b>	<b>2.3</b>	<b>1.5</b>	<b>1.9</b>
Direzione vento	<b>N</b>	<b>N</b>	<b>N W</b>	<b>W</b>		<b>W</b>	<b>N W</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_19_S</b>	<b>Indirizzo</b> <b>SS 113 SCUOLA</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

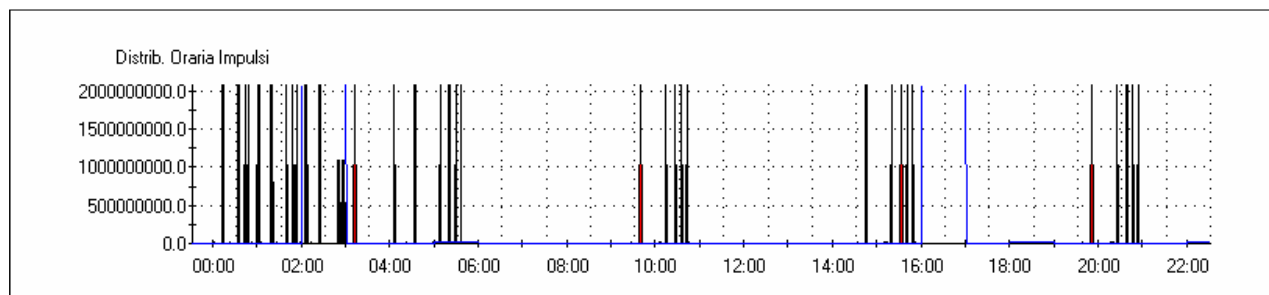
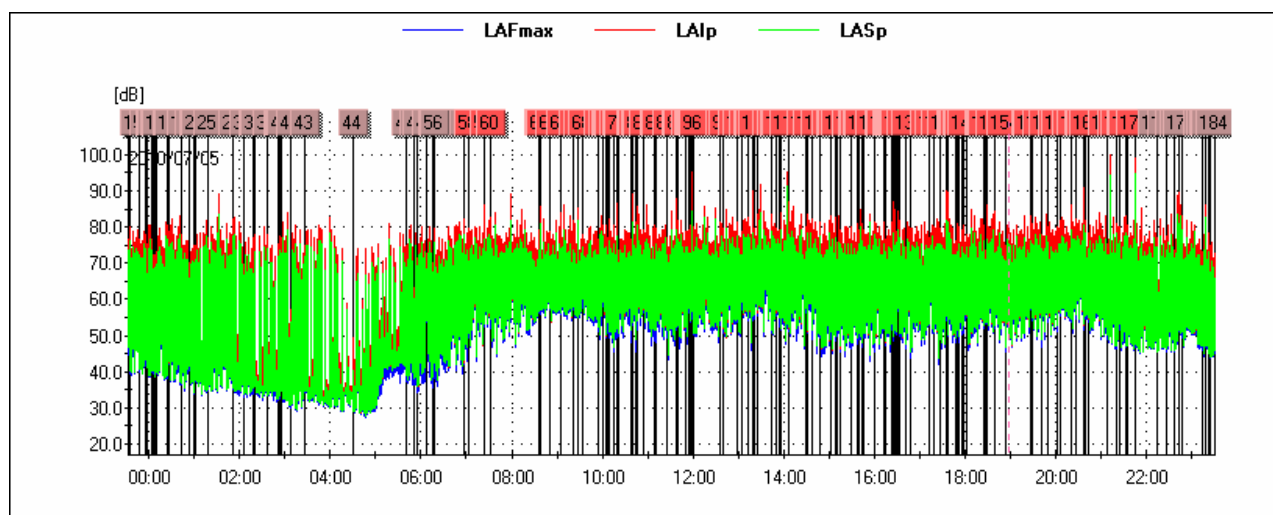
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/05 23:34:07	0.875	50.8	9.7
2	2010/07/05 23:47:22	0.750	56.3	8.2
3	2010/07/05 23:47:27	0.875	55.8	8.4
4	2010/07/05 23:47:31	0.875	54.9	9.1
5	2010/07/05 23:47:34	0.875	56.2	8.3
6	2010/07/05 23:56:08	1.000	54.6	8.7
7	2010/07/05 23:56:37	0.750	71.8	9.5
8	2010/07/06 00:04:25	0.750	54.5	9.8
9	2010/07/06 00:04:58	0.750	57.9	8.6
10	2010/07/06 00:07:29	0.750	58.7	11.1
11	2010/07/06 00:07:30	0.750	54.9	8.6
12	2010/07/06 00:10:00	0.750	59.5	10.5
13	2010/07/06 00:23:25	0.875	60.4	9.1
14	2010/07/06 00:24:24	0.750	57.8	10.4
15	2010/07/06 00:25:54	0.625	66.4	10.0
16	2010/07/06 00:43:50	1.000	57.1	7.2
17	2010/07/06 00:54:07	0.750	55.9	10.0
18	2010/07/06 00:54:10	0.750	59.1	9.2
19	2010/07/06 00:59:05	0.625	49.9	11.5
20	2010/07/06 00:59:10	0.750	54.6	7.5
21	2010/07/06 00:59:31	0.625	61.3	10.1
22	2010/07/06 00:59:33	0.750	48.9	11.0
23	2010/07/06 00:59:37	0.625	59.3	9.9
24	2010/07/06 01:02:00	0.625	58.5	12.5
25	2010/07/06 01:18:20	1.000	51.6	8.1
26	2010/07/06 01:50:27	0.750	58.4	10.7
27	2010/07/06 01:50:30	1.000	53.1	8.1
28	2010/07/06 01:50:36	0.750	54.2	9.7
29	2010/07/06 02:05:23	0.875	55.1	9.1

30	2010/07/06 02:06:02	1.000	46.9	9.4
31	2010/07/06 02:17:05	0.625	59.2	12.1
32	2010/07/06 02:17:32	0.875	54.9	9.4
33	2010/07/06 02:17:35	0.875	52.9	8.9
34	2010/07/06 02:17:37	0.750	50.8	7.9
35	2010/07/06 02:17:56	1.000	73.2	9.6
36	2010/07/06 02:19:01	0.750	56.6	11.1
37	2010/07/06 02:37:07	0.875	50.7	9.5
38	2010/07/06 02:51:40	1.000	47.5	9.0
39	2010/07/06 02:51:47	0.875	44.6	8.4
40	2010/07/06 02:52:12	1.000	50.4	6.5
41	2010/07/06 02:54:09	1.000	54.2	8.3
42	2010/07/06 03:07:27	0.875	46.6	8.8
43	2010/07/06 03:26:55	0.750	58.0	10.8
44	2010/07/06 04:31:03	1.000	46.3	9.5
45	2010/07/06 05:40:24	0.750	56.5	10.3
46	2010/07/06 05:50:15	1.000	55.4	7.0
47	2010/07/06 05:55:38	0.750	48.3	6.4
48	2010/07/06 06:07:32	0.625	67.0	9.8
49	2010/07/06 06:16:06	1.000	56.2	7.6
50	2010/07/06 06:16:09	0.750	54.9	7.8
51	2010/07/06 06:16:12	0.750	54.8	8.6
52	2010/07/06 06:16:31	0.625	54.3	9.1
53	2010/07/06 06:16:33	0.750	54.8	9.9
54	2010/07/06 06:16:37	0.750	54.9	8.3
55	2010/07/06 06:16:38	0.625	54.8	7.3
56	2010/07/06 06:16:48	0.750	54.4	8.5
57	2010/07/06 06:56:25	0.750	70.0	8.5
58	2010/07/06 07:02:29	0.875	75.9	10.5
59	2010/07/06 07:23:08	0.875	83.5	9.9
60	2010/07/06 07:32:42	0.750	74.7	9.1
61	2010/07/06 08:36:01	0.750	73.4	9.7

62	2010/07/06 08:37:18	0.625	80.8	10.7
63	2010/07/06 08:51:13	0.750	74.2	10.1
64	2010/07/06 09:04:13	1.000	72.7	10.5
65	2010/07/06 09:04:31	0.750	81.5	10.2
66	2010/07/06 09:20:59	0.750	80.0	8.3
67	2010/07/06 09:27:51	1.000	82.0	7.2
68	2010/07/06 09:34:23	0.875	74.9	8.7
69	2010/07/06 09:54:32	1.000	71.5	8.2
70	2010/07/06 10:01:44	0.875	73.2	10.5
71	2010/07/06 10:04:52	0.875	79.2	6.8
72	2010/07/06 10:06:57	0.750	72.7	9.8
73	2010/07/06 10:07:12	0.750	74.4	9.7
74	2010/07/06 10:09:18	1.000	73.8	9.6
75	2010/07/06 10:16:15	0.625	75.7	10.0
76	2010/07/06 10:19:21	0.750	84.2	8.9
77	2010/07/06 10:21:16	1.000	67.3	7.3
78	2010/07/06 10:38:08	0.750	67.2	8.2
79	2010/07/06 10:39:16	0.750	87.6	7.8
80	2010/07/06 10:39:23	1.000	68.1	7.1
81	2010/07/06 10:44:37	0.750	78.2	8.6
82	2010/07/06 10:47:22	0.750	82.7	8.6
83	2010/07/06 10:53:58	0.750	75.5	8.8
84	2010/07/06 11:09:10	1.000	76.7	10.9
85	2010/07/06 11:10:16	0.875	63.5	7.2
86	2010/07/06 11:26:13	0.625	73.5	10.0
87	2010/07/06 11:37:44	0.875	76.3	8.5
88	2010/07/06 11:38:29	0.875	85.4	8.3
89	2010/07/06 11:39:29	0.875	77.6	10.6
90	2010/07/06 11:51:20	0.625	73.1	10.9
91	2010/07/06 11:53:42	1.000	77.3	7.6
92	2010/07/06 11:56:53	0.875	69.9	7.5
93	2010/07/06 11:57:38	0.750	78.5	8.8

94	2010/07/06 11:58:42	0.875	70.5	11.2
95	2010/07/06 11:59:25	0.625	92.1	10.9
96	2010/07/06 12:01:13	0.875	78.8	6.7
97	2010/07/06 12:35:08	0.875	77.3	9.3
98	2010/07/06 12:36:40	1.000	77.5	9.9
99	2010/07/06 12:38:59	0.625	71.8	9.9
100	2010/07/06 12:58:38	0.625	71.6	10.8
101	2010/07/06 13:05:05	0.750	76.0	8.1
102	2010/07/06 13:12:56	0.875	73.1	8.0
103	2010/07/06 13:19:06	0.625	85.9	11.5
104	2010/07/06 13:22:10	1.000	71.4	8.8
105	2010/07/06 13:24:59	0.750	81.4	8.9
106	2010/07/06 13:44:52	0.875	76.4	6.8
107	2010/07/06 13:50:55	0.750	76.3	8.2
108	2010/07/06 13:53:46	0.750	70.0	10.1
109	2010/07/06 13:53:51	0.625	71.1	10.9
110	2010/07/06 13:53:54	0.750	70.3	10.5
111	2010/07/06 13:56:17	0.875	68.6	8.6
112	2010/07/06 14:07:05	0.625	84.6	9.3
113	2010/07/06 14:30:35	0.750	77.8	7.8
114	2010/07/06 14:37:07	0.750	79.9	9.4
115	2010/07/06 14:48:53	0.625	71.6	9.2
116	2010/07/06 15:02:18	0.625	79.7	8.6
117	2010/07/06 15:02:26	0.875	76.7	10.6
118	2010/07/06 15:02:53	1.000	76.8	10.1
119	2010/07/06 15:08:53	0.750	79.8	7.9
120	2010/07/06 15:10:31	1.000	73.3	8.1
121	2010/07/06 15:14:38	0.750	58.1	8.2
122	2010/07/06 15:29:20	0.750	78.3	7.7
123	2010/07/06 15:38:13	0.750	71.5	9.9
124	2010/07/06 15:39:39	0.625	74.9	10.9
125	2010/07/06 15:43:30	0.625	76.9	10.6



126	2010/07/06 15:46:04	0.875	76.4	7.0
127	2010/07/06 16:00:22	0.750	58.1	9.5
128	2010/07/06 16:11:53	1.000	75.5	9.7
129	2010/07/06 16:15:58	1.000	59.0	8.4
130	2010/07/06 16:22:30	0.875	65.2	8.7
131	2010/07/06 16:22:56	1.000	77.2	11.3
132	2010/07/06 16:24:51	0.625	85.2	8.5
133	2010/07/06 16:27:44	0.750	81.7	10.2
134	2010/07/06 16:29:28	1.000	71.9	6.6
135	2010/07/06 16:31:11	0.750	82.5	9.3
136	2010/07/06 16:32:57	0.750	69.8	9.5
137	2010/07/06 16:42:18	0.750	70.4	10.7
138	2010/07/06 16:47:53	0.875	59.6	7.6
139	2010/07/06 17:12:06	0.875	65.1	8.1
140	2010/07/06 17:19:42	1.000	75.3	12.4
141	2010/07/06 17:26:30	1.000	76.3	8.9
142	2010/07/06 17:36:35	0.750	88.4	8.2
143	2010/07/06 17:47:08	0.750	74.5	7.5
144	2010/07/06 17:49:49	0.750	70.5	8.5
145	2010/07/06 17:51:06	0.750	76.3	8.8
146	2010/07/06 17:56:42	1.000	64.7	6.6
147	2010/07/06 17:58:06	0.625	76.7	10.2
148	2010/07/06 17:58:13	0.750	65.4	10.7
149	2010/07/06 18:02:24	0.875	74.1	10.6
150	2010/07/06 18:25:22	1.000	65.7	7.9
151	2010/07/06 18:27:21	0.750	67.4	10.3
152	2010/07/06 18:29:36	0.750	83.6	9.6
153	2010/07/06 18:38:59	0.625	80.8	11.5
154	2010/07/06 18:54:47	0.875	65.1	6.7
155	2010/07/06 19:27:29	0.750	81.7	7.1
156	2010/07/06 19:30:01	0.750	77.8	10.2
157	2010/07/06 19:41:55	0.750	63.0	11.2

158	2010/07/06 19:49:38	0.750	74.2	11.0
159	2010/07/06 20:02:51	0.750	78.7	7.3
160	2010/07/06 20:07:12	0.875	78.3	9.5
161	2010/07/06 20:21:08	0.875	66.9	7.7
162	2010/07/06 20:27:34	0.750	71.4	7.9
163	2010/07/06 20:37:12	0.750	88.2	10.2
164	2010/07/06 20:38:54	0.875	74.7	9.8
165	2010/07/06 20:43:35	0.625	73.5	10.9
166	2010/07/06 21:07:40	1.000	63.0	7.4
167	2010/07/06 21:21:07	0.625	65.6	10.5
168	2010/07/06 21:24:22	0.875	73.3	12.0
169	2010/07/06 21:34:16	0.875	76.4	10.6
170	2010/07/06 21:35:39	0.750	59.1	10.1
171	2010/07/06 21:46:03	0.875	60.6	10.9
172	2010/07/06 22:14:27	1.000	73.0	11.0
173	2010/07/06 22:26:31	0.875	73.0	9.1
174	2010/07/06 22:36:52	0.875	68.6	7.8
175	2010/07/06 22:44:03	1.000	87.3	8.9
176	2010/07/06 22:46:37	1.000	74.7	10.5
177	2010/07/06 23:14:58	0.750	58.4	8.9
178	2010/07/06 23:18:05	1.000	76.0	9.7
179	2010/07/06 23:23:30	0.625	73.1	10.6
180	2010/07/06 23:24:08	0.875	58.0	8.2
181	2010/07/06 23:30:10	0.750	63.4	10.9
182	2010/07/06 23:30:36	0.750	68.8	11.2
183	2010/07/06 23:30:58	0.625	68.5	11.8
184	2010/07/06 23:31:00	1.000	68.7	7.8

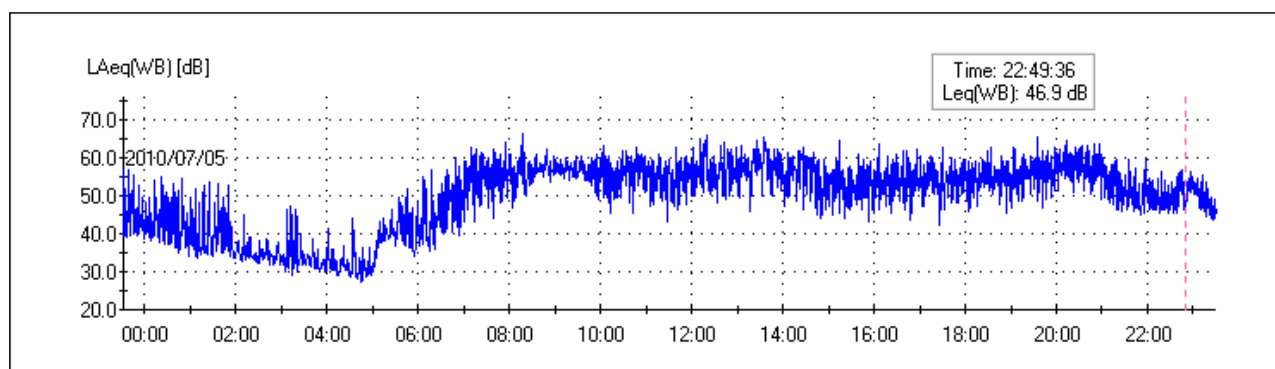
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 100	0.0
Freq: 200	0.1
Freq: 250	0.2
Freq: 315	0.1
Freq: 400	0.0
Freq: 500	0.2
Freq: 630	0.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Freq: 1.6 k	0.0
Freq: 2 k	0.0
Freq: 2.5 k	0.2
Freq: 3.15 k	1.6
Freq: 4 k	0.1
Freq: 5 k	0.6
<b>PENALIZZAZIONI</b>	
<b>Penalizzazione BF: No</b>	
<b>Penalizzazione AF: No</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

TIME ISTORY COMPONENTI TONALI

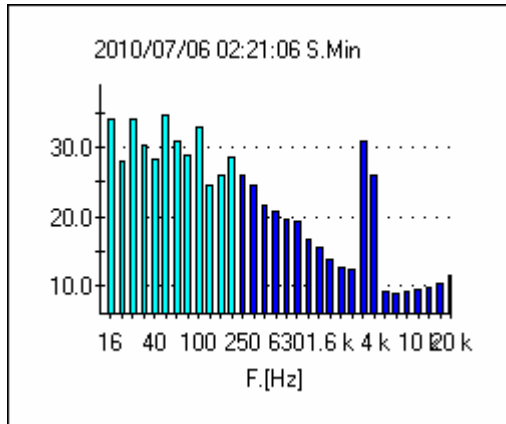
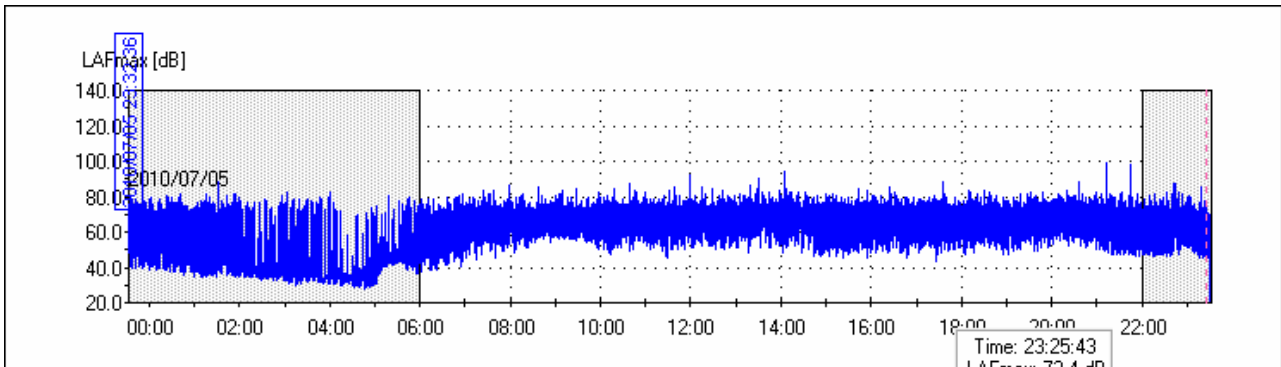
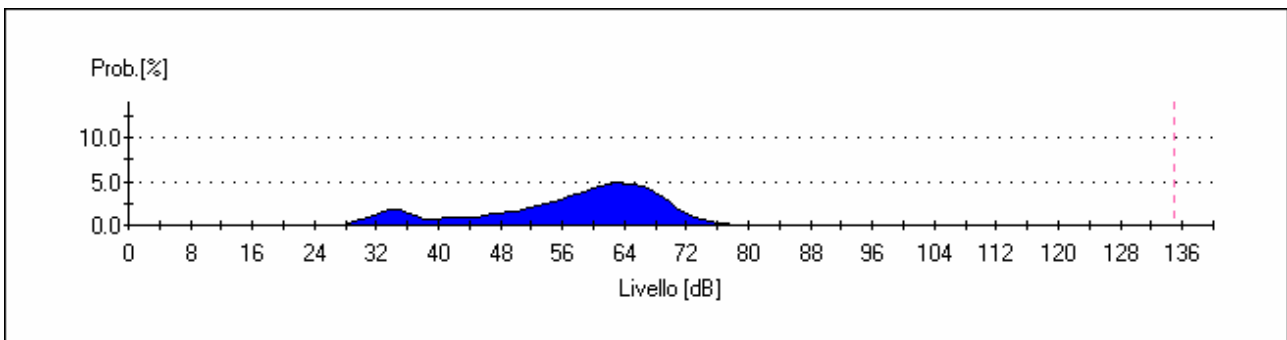



GRAFICO DEL CLIMA ACUSTICO GIORNALIERO

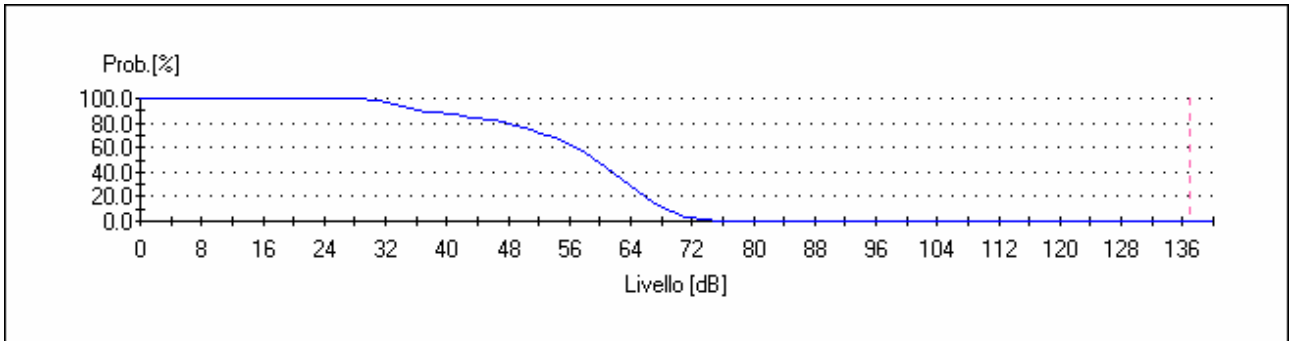


DISTRIBUTIVA

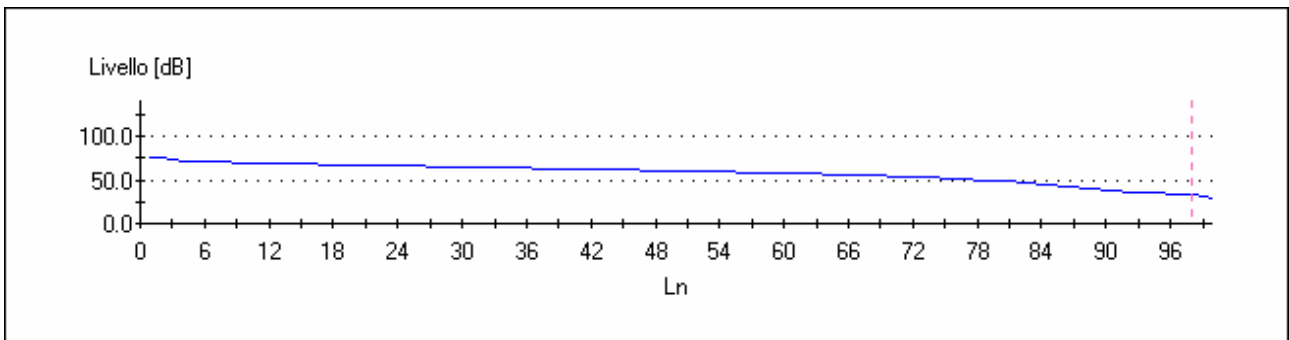


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

**CUMULATIVA**



**GRAFICO PERCENTILI**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

**Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore**

Percentile	Leq.[dB]
0	75.0
<b>1</b>	<b>75.0</b>
2	73.0
3	72.0
4	71.5
<b>5</b>	<b>71.0</b>
6	70.7
7	70.3
8	70.0
9	69.7
<b>10</b>	<b>69.3</b>
11	69.0
12	68.8
13	68.5
14	68.3
15	68.0
16	67.8
17	67.5
18	67.3
19	67.0
20	66.8
21	66.5
22	66.3
23	66.0
24	65.8
25	65.6
26	65.4
27	65.2
28	65.0

29	64.8
30	64.6
31	64.4
32	64.2
33	64.0
34	63.8
35	63.5
36	63.3
37	63.0
38	62.8
39	62.6
40	62.4
41	62.2
42	62.0
43	61.8
44	61.5
45	61.3
46	61.0
47	60.8
48	60.6
49	60.4
50	60.2
51	60.0
52	59.7
53	59.3
54	59.0
55	58.8
56	58.5
57	58.3
58	58.0
59	57.7
60	57.3



61	57.0
62	56.7
63	56.3
64	56.0
65	55.7
66	55.3
67	55.0
68	54.5
69	54.0
70	53.7
71	53.3
72	53.0
73	52.5
74	52.0
75	51.0
76	50.5
77	50.0
78	49.5
79	49.0
80	48.0
81	47.0
82	46.0
83	45.0
84	44.0
85	43.0
86	42.0
87	41.0
88	40.0
89	38.0
90	37.0
91	36.0
92	35.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	35.0
94	34.5
95	34.0
96	33.5
97	33.0
98	32.0
99	30.0

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	75.0
1	75.0
2	74.0
3	73.0
4	72.5
5	72.0
6	71.5
7	71.0
8	70.8
9	70.5
10	70.3
11	70.0
12	69.8
13	69.5
14	69.3
15	69.0
16	68.8
17	68.6
18	68.4
19	68.2
20	68.0

21	67.8
22	67.7
23	67.5
24	67.3
25	67.2
26	67.0
27	66.8
28	66.7
29	66.5
30	66.3
31	66.2
32	66.0
33	65.8
34	65.7
35	65.5
36	65.3
37	65.2
38	65.0
39	64.9
40	64.7
41	64.6
42	64.4
43	64.3
44	64.1
45	64.0
46	63.8
47	63.7
48	63.5
49	63.3
50	63.2
51	63.0
52	62.9

53	62.7
54	62.6
55	62.4
56	62.3
57	62.1
58	62.0
59	61.8
60	61.6
61	61.4
62	61.2
63	61.0
64	60.8
65	60.7
66	60.5
67	60.3
68	60.2
69	60.0
70	59.8
71	59.6
72	59.4
73	59.2
74	59.0
75	58.8
76	58.5
77	58.3
78	58.0
79	57.8
80	57.5
81	57.3
82	57.0
83	56.7
84	56.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	56.0
86	55.7
87	55.3
88	55.0
89	54.5
90	54.0
91	53.5
92	53.0
93	52.5
94	52.0
95	51.0
96	50.0
97	49.0
98	48.0
99	46.0

### LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	72.0
1	72.0
2	70.0
3	69.0
4	67.0
5	66.0
6	65.5
7	65.0
8	64.0
9	63.0
10	62.5
11	62.0
12	61.5

13	61.0
14	60.0
15	59.5
16	59.0
17	58.5
18	58.0
19	57.5
20	57.0
21	56.7
22	56.3
23	56.0
24	55.5
25	55.0
26	54.7
27	54.3
28	54.0
29	53.5
30	53.0
31	52.7
32	52.3
33	52.0
34	51.7
35	51.3
36	51.0
37	50.7
38	50.3
39	50.0
40	49.7
41	49.3
42	49.0
43	48.5
44	48.0

45	47.7
46	47.3
47	47.0
48	46.7
49	46.3
50	46.0
51	45.5
52	45.0
53	44.7
54	44.3
55	44.0
56	43.5
57	43.0
58	42.7
59	42.3
60	42.0
61	41.5
62	41.0
63	40.5
64	40.0
65	39.5
66	39.0
67	38.5
68	38.0
69	37.7
70	37.3
71	37.0
72	36.8
73	36.5
74	36.3
75	36.0
76	35.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

77	35.7
78	35.5
79	35.3
80	35.2
81	35.0
82	34.8
83	34.6
84	34.4
85	34.2
86	34.0
87	33.8
88	33.6
89	33.4
90	33.2
91	33.0
92	32.7
93	32.3
94	32.0
95	31.5
96	31.0
97	30.5
98	30.0
99	29.0



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89.1	83.7	87.9
86.3	80.6	83.5
95.1	84.2	92.1
95	91.5	94.1
89.8	81.6	88.4
99.8	94.6	99
<b>99.8</b>	<b>94.6</b>	<b>99</b>

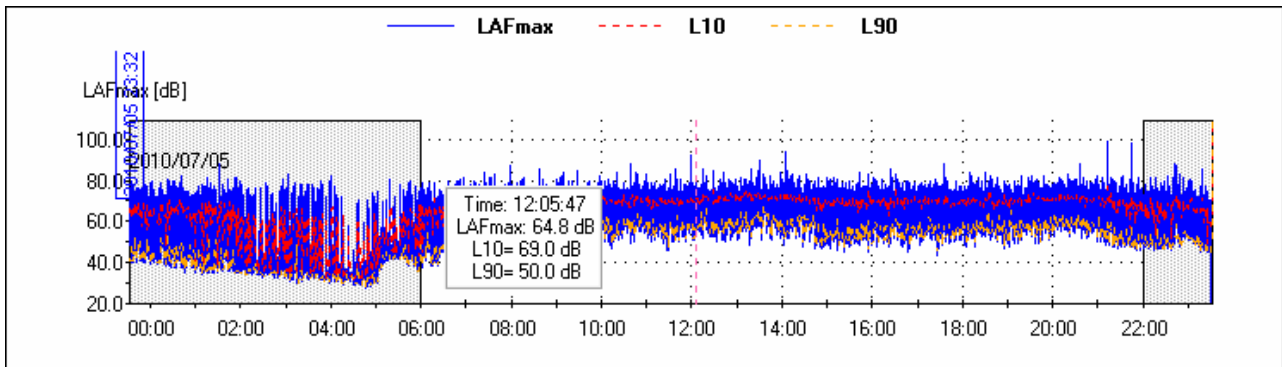
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
86.3	80.6	83.5
95.1	84.2	92.1
95	91.5	94.1
89.8	81.6	88.4
99.8	94.6	99
<b>99.8</b>	<b>94.6</b>	<b>99</b>

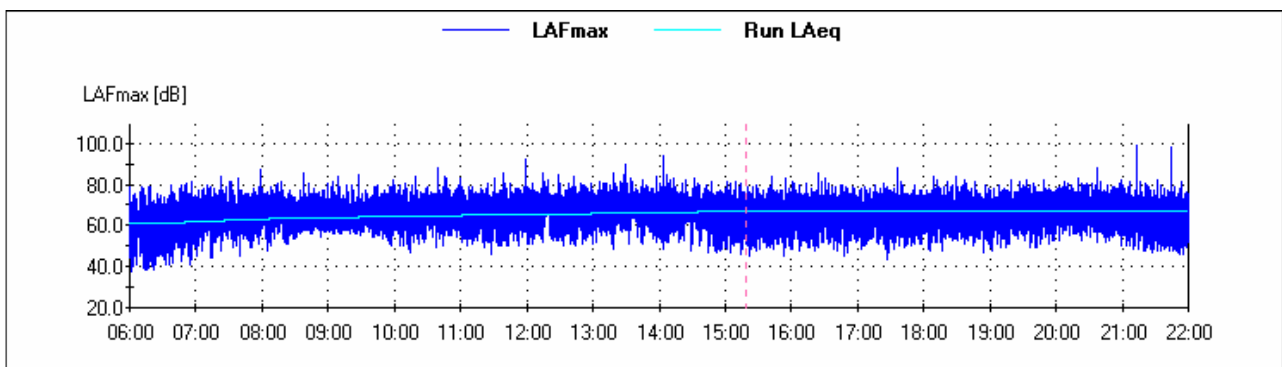
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
89.1	83.7	87.9
82.8	78.4	82.4
89.7	83.6	87.6
<b>89.7</b>	<b>83.7</b>	<b>87.9</b>

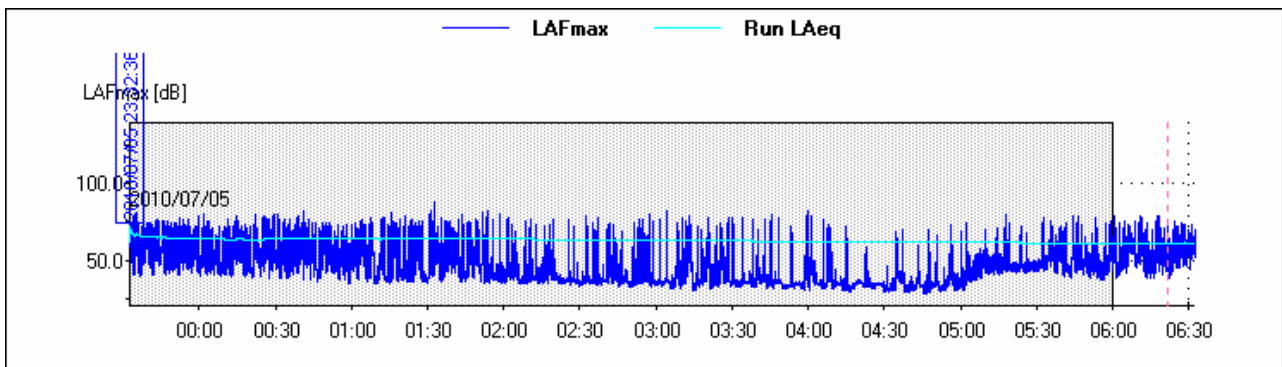
**TIME HISTORY L10 – L90**



**RUNNING Leq DIURNO**

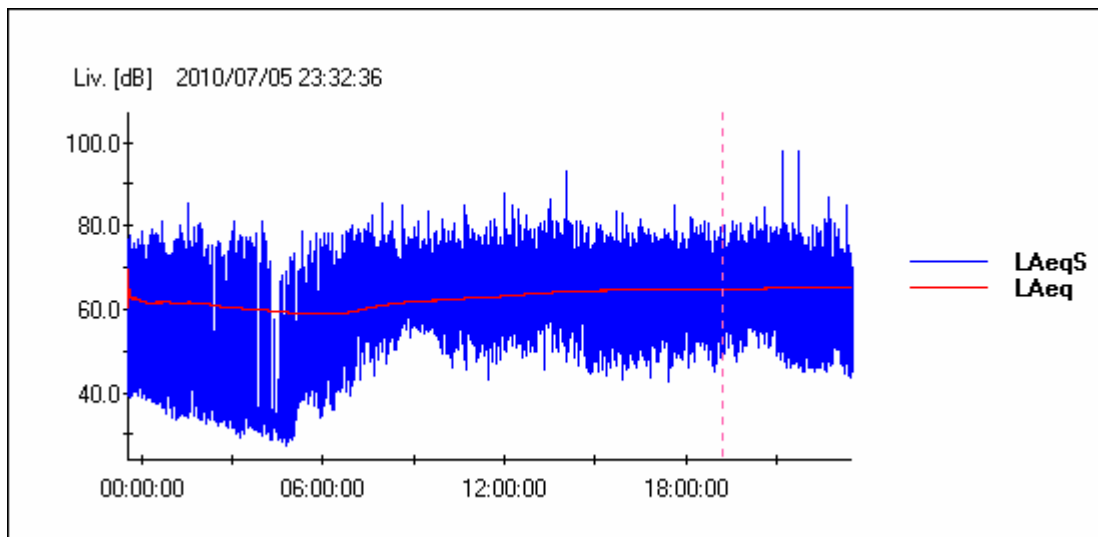


**RUNNING Leq NOTTURNO**

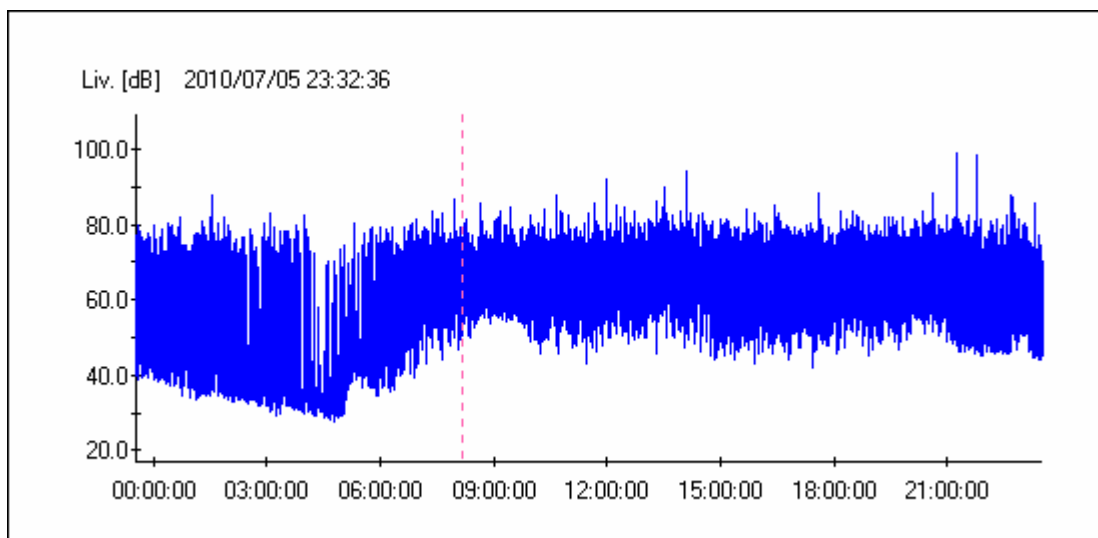


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



**LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore	Indirizzo
	<b>R_20_S</b>	<b>VIALE GIOSTRE</b>
<b>Descrizione del punto di misura/ricettore</b>		
<p><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede adiacente la carreggiata stradale ad una distanza di mt 9 dal prospetto dei fabbricati vicini alla strada</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
<b>Caratterizzazione delle sorgenti di rumore</b>		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_20_S</b>	Indirizzo <b>VIALE GIOSTRE</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
<b>Periodo</b>	<b>TR</b>	<b>Data</b>	<b>L<sub>AeqTR</sub></b> [dBA]	<b>K<sub>I</sub></b> [dBA]	<b>K<sub>T</sub></b> [dBA]	<b>K<sub>B</sub></b> [dBA]	<b>L<sub>AeqTRC</sub></b> [dBA]	<b>L<sub>lim</sub></b> [dBA]
Giorno	6-22h	<b>04/07/10</b>	<b>67.0</b>	<b>0</b>	<b>0</b>		<b>67.0</b>	<b>60</b>
Notte	22-6h	<b>04/07/10</b>	<b>62.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62.0</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_20_S</b>
Data inizio	<b>04/07/2010</b>
Ora inizio	<b>23.53.35</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>65.9</b>	<b>67.0</b>	<b>62.0</b>
L1	[dBA]	<b>75.0</b>	<b>75.0</b>	<b>73.0</b>
L5	[dBA]	<b>71.5</b>	<b>72.0</b>	<b>67.5</b>
L10	[dBA]	<b>69.5</b>	<b>70.3</b>	<b>64.0</b>
L50	[dBA]	<b>61.0</b>	<b>63.7</b>	<b>47.3</b>
L90	[dBA]	<b>39.0</b>	<b>54.5</b>	<b>33.5</b>
L95	[dBA]	<b>34.3</b>	<b>51.5</b>	<b>32.3</b>
L99	[dBA]	<b>31.0</b>	<b>44.0</b>	<b>30.0</b>
L <sub>I</sub> max	[dBA]	<b>97.6</b>	<b>95.8</b>	<b>97.6</b>
L <sub>F</sub> max	[dBA]	<b>96.7</b>	<b>95.2</b>	<b>96.7</b>
L <sub>S</sub> max	[dBA]	<b>92.9</b>	<b>91.3</b>	<b>92.9</b>
K <sub>I</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>T</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
K <sub>B</sub>	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>65.9</b>	<b>67.0</b>	<b>62.0</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_20_S</b>	Indirizzo <b>VIALE GIOSTRE</b>
-------	----------------------------	-----------------------------------

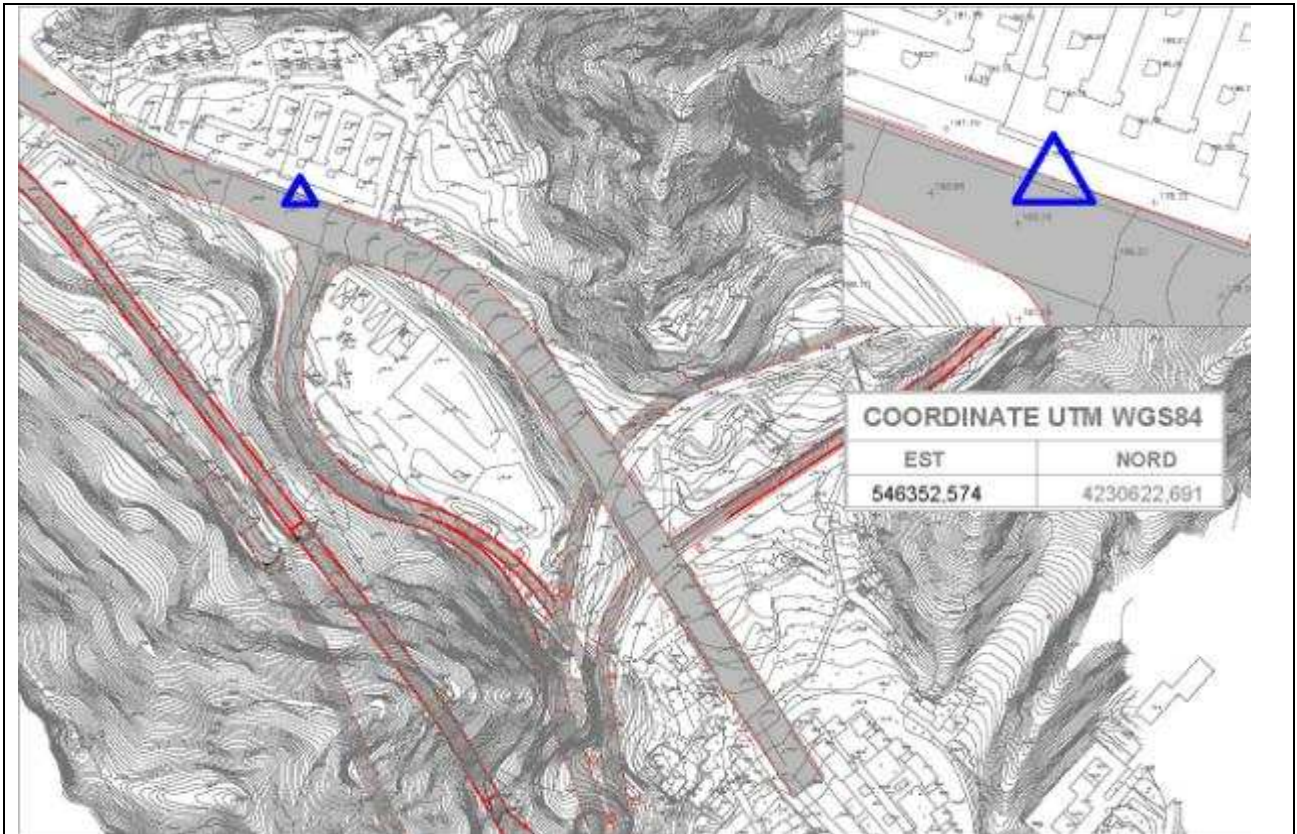
<b>Sorgente stradale:</b> _____								
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>96</b>	<b>126</b>	<b>70</b>	<b>102</b>	<b>98.5</b>	<b>85</b>	<b>6</b>	<b>45.5</b>
Veic. Pesanti / 10'	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>15</b>	<b>18</b>	<b>12</b>	<b>21</b>	<b>16.5</b>	<b>12</b>	<b>2</b>	<b>7</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>23.2</b>	<b>28.3</b>	<b>29.6</b>	<b>22.6</b>	<b>25.93</b>	<b>21.2</b>	<b>20.3</b>	<b>20.75</b>
Umidità relativa	<b>68</b>	<b>72</b>	<b>75</b>	<b>74</b>	<b>72.25</b>	<b>77</b>	<b>78</b>	<b>77.5</b>
Velocità vento	<b>1.3</b>	<b>0.6</b>	<b>1.2</b>	<b>2.8</b>	<b>1.475</b>	<b>0.7</b>	<b>0.3</b>	<b>0.5</b>
Direzione vento	<b>E</b>	<b>N</b>	<b>NE</b>	<b>E</b>		<b>NE</b>	<b>NE</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_20_S</b>	<b>Indirizzo</b> <b>VIALE GIOSTRE</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



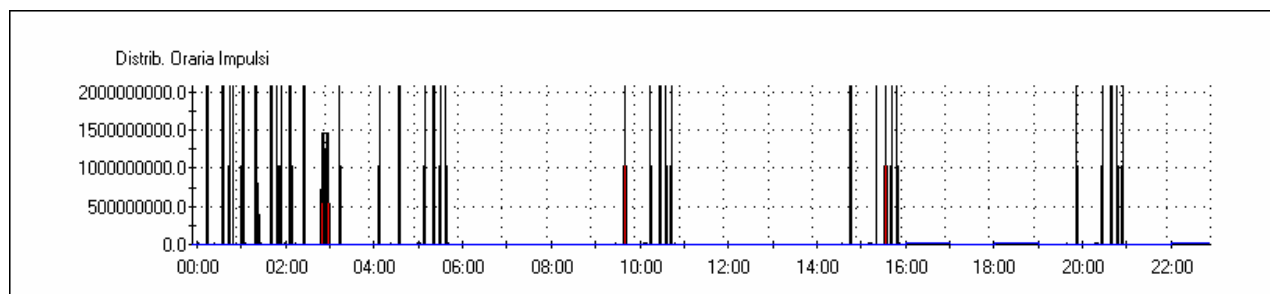
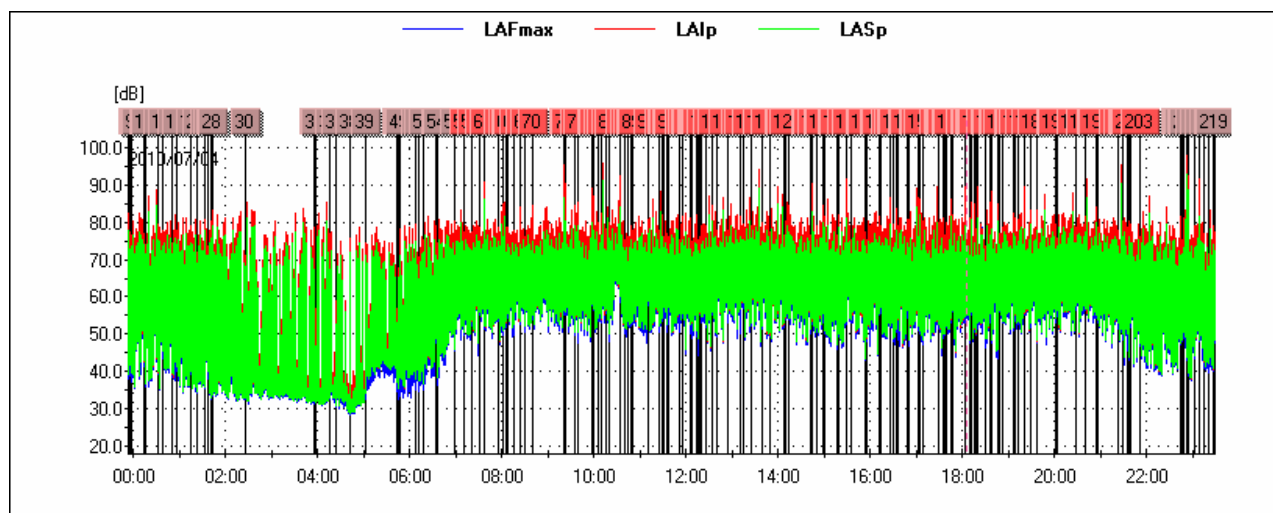
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAI<sub>max</sub> e LAS<sub>max</sub> superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAF<sub>max</sub> inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAlmax - LASmax [dB]
1	2010/07/04 23:54:35	0.750	49.3	9.0
2	2010/07/04 23:54:41	0.750	62.9	11.0
3	2010/07/04 23:54:43	0.750	59.8	10.4
4	2010/07/04 23:54:44	0.625	60.9	11.1
5	2010/07/04 23:56:49	0.875	55.9	10.5
6	2010/07/04 23:56:51	0.625	56.2	10.6
7	2010/07/04 23:56:52	0.625	70.9	11.7
8	2010/07/04 23:56:59	0.625	61.4	11.2
9	2010/07/04 23:57:01	0.625	71.1	12.3
10	2010/07/05 00:13:18	0.625	61.9	10.7
11	2010/07/05 00:15:10	0.625	54.5	11.3
12	2010/07/05 00:16:28	0.750	53.5	9.1
13	2010/07/05 00:32:51	1.000	50.4	9.0
14	2010/07/05 00:38:17	0.750	58.3	11.0
15	2010/07/05 00:50:07	0.750	57.4	11.1
16	2010/07/05 00:56:17	0.875	57.9	9.3
17	2010/07/05 01:14:41	0.875	53.8	9.1
18	2010/07/05 01:22:14	1.000	51.5	7.3
19	2010/07/05 01:22:21	0.875	50.9	7.5
20	2010/07/05 01:22:28	0.750	52.5	11.1
21	2010/07/05 01:22:29	0.875	54.0	10.9
22	2010/07/05 01:22:31	0.625	55.0	11.9
23	2010/07/05 01:22:32	0.625	52.4	10.5
24	2010/07/05 01:32:21	1.000	53.3	8.0
25	2010/07/05 01:33:22	0.625	56.6	10.7
26	2010/07/05 01:36:36	0.875	55.2	8.9
27	2010/07/05 01:41:46	0.625	60.1	10.0
28	2010/07/05 01:43:10	0.625	57.3	11.6
29	2010/07/05 02:26:47	0.875	45.6	11.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

30	2010/07/05 02:27:04	0.875	46.9	9.2
31	2010/07/05 03:55:41	0.625	74.7	11.6
32	2010/07/05 03:56:56	0.875	49.2	8.9
33	2010/07/05 03:56:58	0.750	53.0	10.7
34	2010/07/05 04:16:27	0.875	53.8	7.4
35	2010/07/05 04:24:02	0.875	46.4	9.7
36	2010/07/05 04:24:03	0.750	50.3	10.1
37	2010/07/05 04:24:38	0.750	54.7	10.9
38	2010/07/05 04:42:35	0.750	43.3	11.3
39	2010/07/05 05:03:36	1.000	61.0	6.4
40	2010/07/05 05:44:24	0.750	47.4	7.8
41	2010/07/05 05:44:25	0.750	48.7	8.6
42	2010/07/05 05:44:26	1.000	47.9	7.1
43	2010/07/05 05:44:39	0.750	48.0	7.6
44	2010/07/05 05:44:46	0.750	50.5	7.9
45	2010/07/05 05:44:47	0.750	49.2	7.0
46	2010/07/05 05:46:25	1.000	47.3	8.6
47	2010/07/05 05:46:41	0.750	48.5	7.6
48	2010/07/05 05:46:42	0.875	46.8	6.8
49	2010/07/05 05:46:43	1.000	48.3	8.5
50	2010/07/05 06:08:35	1.000	46.8	6.9
51	2010/07/05 06:12:55	0.750	58.0	10.6
52	2010/07/05 06:17:24	0.750	60.5	10.2
53	2010/07/05 06:34:46	1.000	70.2	9.8
54	2010/07/05 06:35:55	1.000	51.0	8.1
55	2010/07/05 06:59:35	0.625	76.6	11.5
56	2010/07/05 07:10:37	0.750	62.9	9.7
57	2010/07/05 07:20:38	0.750	75.1	8.6
58	2010/07/05 07:30:55	1.000	73.2	10.7
59	2010/07/05 07:36:34	0.875	75.8	10.9
60	2010/07/05 07:36:49	1.000	76.3	10.4
61	2010/07/05 07:55:49	0.625	75.9	9.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

62	2010/07/05 08:01:11	0.750	82.4	9.0
63	2010/07/05 08:06:50	1.000	64.4	8.0
64	2010/07/05 08:06:53	1.000	64.8	7.6
65	2010/07/05 08:08:09	0.750	73.2	9.7
66	2010/07/05 08:15:22	0.875	63.1	8.1
67	2010/07/05 08:16:58	0.625	73.3	12.3
68	2010/07/05 08:23:15	0.750	81.0	10.4
69	2010/07/05 08:30:26	0.875	70.6	10.2
70	2010/07/05 08:41:20	0.625	81.9	9.6
71	2010/07/05 09:22:08	0.750	93.4	8.7
72	2010/07/05 09:23:18	0.750	75.1	7.2
73	2010/07/05 09:34:35	0.750	69.2	9.2
74	2010/07/05 09:38:36	0.875	83.1	7.0
75	2010/07/05 09:39:44	0.875	64.1	7.2
76	2010/07/05 09:57:59	0.875	86.0	9.0
77	2010/07/05 09:59:52	0.750	84.6	9.0
78	2010/07/05 10:05:33	0.875	75.7	8.5
79	2010/07/05 10:10:07	0.750	75.2	10.3
80	2010/07/05 10:10:11	0.750	78.1	10.5
81	2010/07/05 10:15:35	1.000	71.8	10.7
82	2010/07/05 10:20:20	0.875	67.6	10.2
83	2010/07/05 10:33:28	0.625	84.9	8.9
84	2010/07/05 10:33:30	0.750	89.8	9.2
85	2010/07/05 10:34:28	0.750	84.7	9.4
86	2010/07/05 10:40:09	0.625	71.5	10.4
87	2010/07/05 10:44:37	1.000	72.9	8.9
88	2010/07/05 10:49:14	1.000	70.2	8.1
89	2010/07/05 10:50:34	1.000	70.9	10.4
90	2010/07/05 11:11:41	0.750	77.9	8.8
91	2010/07/05 11:24:21	0.625	72.2	10.4
92	2010/07/05 11:29:40	0.750	69.5	6.6
93	2010/07/05 11:30:06	0.750	67.7	6.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

94	2010/07/05 11:30:07	1.000	67.4	8.0
95	2010/07/05 11:31:13	0.750	69.5	8.2
96	2010/07/05 11:36:00	0.750	71.4	10.0
97	2010/07/05 11:38:25	0.750	67.6	8.6
98	2010/07/05 11:51:49	0.750	64.4	6.6
99	2010/07/05 11:55:54	1.000	70.2	6.1
100	2010/07/05 12:05:04	1.000	66.3	7.8
101	2010/07/05 12:05:08	0.750	69.3	7.8
102	2010/07/05 12:05:09	0.750	71.8	7.2
103	2010/07/05 12:06:39	0.750	79.3	8.0
104	2010/07/05 12:07:47	0.625	69.1	10.8
105	2010/07/05 12:07:48	0.625	70.1	9.8
106	2010/07/05 12:07:50	0.750	69.7	9.8
107	2010/07/05 12:14:55	0.625	78.4	10.9
108	2010/07/05 12:16:38	0.750	67.6	8.0
109	2010/07/05 12:16:40	0.875	68.2	7.0
110	2010/07/05 12:17:57	0.750	69.7	8.9
111	2010/07/05 12:20:31	0.875	70.4	7.5
112	2010/07/05 12:26:25	1.000	77.3	7.2
113	2010/07/05 12:34:30	0.875	69.5	7.5
114	2010/07/05 12:41:23	1.000	64.5	9.8
115	2010/07/05 12:54:50	0.875	74.3	10.5
116	2010/07/05 13:10:10	0.750	78.7	9.0
117	2010/07/05 13:15:07	0.750	70.0	9.1
118	2010/07/05 13:25:23	0.875	76.5	8.8
119	2010/07/05 13:39:10	0.875	73.8	9.2
120	2010/07/05 13:50:00	0.625	73.4	8.1
121	2010/07/05 14:07:30	0.875	71.8	8.0
122	2010/07/05 14:09:45	0.875	77.6	8.8
123	2010/07/05 14:14:02	1.000	82.9	7.0
124	2010/07/05 14:43:10	0.625	71.8	10.8
125	2010/07/05 14:44:08	0.875	72.8	10.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

126	2010/07/05 14:51:03	1.000	75.0	10.8
127	2010/07/05 14:58:03	0.750	72.4	9.1
128	2010/07/05 15:00:38	0.625	74.9	9.7
129	2010/07/05 15:17:00	0.625	72.6	11.5
130	2010/07/05 15:19:38	0.750	68.4	6.9
131	2010/07/05 15:19:39	1.000	68.2	7.7
132	2010/07/05 15:19:50	0.875	73.3	7.4
133	2010/07/05 15:28:49	1.000	79.9	9.9
134	2010/07/05 15:29:44	0.625	88.7	10.2
135	2010/07/05 15:34:47	1.000	73.4	6.5
136	2010/07/05 15:52:54	0.750	56.1	9.0
137	2010/07/05 15:52:56	1.000	54.3	8.3
138	2010/07/05 15:55:13	0.875	68.6	8.6
139	2010/07/05 16:11:33	0.875	68.5	8.0
140	2010/07/05 16:13:29	0.750	75.2	8.2
141	2010/07/05 16:14:53	0.750	73.1	8.9
142	2010/07/05 16:25:42	0.750	84.9	7.1
143	2010/07/05 16:26:57	0.625	76.1	8.0
144	2010/07/05 16:31:07	1.000	75.6	9.2
145	2010/07/05 16:34:25	0.625	71.0	11.0
146	2010/07/05 16:36:00	0.875	76.0	8.1
147	2010/07/05 16:49:28	0.625	74.0	10.1
148	2010/07/05 16:50:33	1.000	76.6	10.4
149	2010/07/05 17:03:22	0.875	83.1	11.4
150	2010/07/05 17:03:33	0.750	70.6	7.9
151	2010/07/05 17:05:16	0.875	68.9	7.3
152	2010/07/05 17:08:48	0.750	76.9	9.0
153	2010/07/05 17:29:43	0.750	70.1	8.2
154	2010/07/05 17:36:06	1.000	77.7	11.2
155	2010/07/05 17:38:30	1.000	72.0	7.5
156	2010/07/05 17:38:59	0.625	76.4	9.9
157	2010/07/05 17:45:53	0.750	81.2	9.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

158	2010/07/05 17:46:17	0.875	73.7	7.0
159	2010/07/05 17:47:34	0.625	75.6	10.7
160	2010/07/05 18:04:46	0.625	86.4	10.6
161	2010/07/05 18:09:32	1.000	77.2	11.4
162	2010/07/05 18:13:04	0.750	78.7	8.5
163	2010/07/05 18:15:25	0.625	80.9	11.7
164	2010/07/05 18:17:40	0.750	76.3	8.3
165	2010/07/05 18:20:02	0.875	87.5	8.3
166	2010/07/05 18:20:44	1.000	67.2	10.1
167	2010/07/05 18:30:59	0.625	66.7	10.5
168	2010/07/05 18:36:03	0.750	82.4	8.6
169	2010/07/05 18:39:22	0.625	85.5	10.4
170	2010/07/05 18:46:15	0.625	77.2	10.0
171	2010/07/05 18:46:34	0.625	68.5	12.8
172	2010/07/05 18:46:43	0.750	70.0	11.7
173	2010/07/05 18:47:52	0.625	72.9	10.8
174	2010/07/05 18:47:53	0.875	70.8	8.6
175	2010/07/05 18:52:33	0.750	71.5	10.5
176	2010/07/05 19:06:33	0.625	74.0	7.9
177	2010/07/05 19:07:13	0.625	74.9	9.7
178	2010/07/05 19:07:39	1.000	78.0	9.2
179	2010/07/05 19:08:19	0.875	72.7	7.4
180	2010/07/05 19:13:02	0.625	71.2	10.7
181	2010/07/05 19:20:20	0.625	85.9	11.3
182	2010/07/05 19:28:29	0.625	71.3	10.7
183	2010/07/05 19:28:30	0.625	69.6	9.3
184	2010/07/05 19:30:22	0.750	77.0	9.4
185	2010/07/05 19:37:24	0.750	63.1	8.2
186	2010/07/05 20:01:16	0.750	69.2	7.7
187	2010/07/05 20:01:30	0.750	68.5	7.2
188	2010/07/05 20:01:32	0.875	67.7	6.8
189	2010/07/05 20:01:33	0.875	68.3	7.2

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

190	2010/07/05 20:03:24	0.750	70.7	10.3
191	2010/07/05 20:28:47	0.750	70.9	8.2
192	2010/07/05 20:41:03	0.750	76.8	8.4
193	2010/07/05 20:54:12	0.875	72.1	8.3
194	2010/07/05 20:57:12	1.000	76.0	7.7
195	2010/07/05 21:23:38	0.750	67.0	8.7
196	2010/07/05 21:28:32	0.625	70.1	11.7
197	2010/07/05 21:28:33	0.625	72.5	10.7
198	2010/07/05 21:35:53	0.750	64.3	10.0
199	2010/07/05 21:36:28	0.750	61.7	10.9
200	2010/07/05 21:36:54	0.625	63.7	10.7
201	2010/07/05 21:38:46	0.875	68.8	7.8
202	2010/07/05 21:51:11	0.750	72.5	9.7
203	2010/07/05 21:51:23	0.750	71.7	9.9
204	2010/07/05 22:43:40	0.750	77.8	11.3
205	2010/07/05 22:45:39	1.000	76.8	9.2
206	2010/07/05 22:46:20	0.750	62.8	9.9
207	2010/07/05 22:47:57	0.750	77.5	10.7
208	2010/07/05 22:53:09	0.625	75.5	9.7
209	2010/07/05 22:55:46	0.625	72.7	11.4
210	2010/07/05 23:02:21	0.750	75.1	8.7
211	2010/07/05 23:08:21	1.000	70.0	6.3
212	2010/07/05 23:09:39	0.750	89.0	9.8
213	2010/07/05 23:16:08	1.000	53.1	8.7
214	2010/07/05 23:22:10	0.750	60.3	8.0
215	2010/07/05 23:27:30	0.500	65.0	11.0
216	2010/07/05 23:27:33	0.875	68.1	6.9
217	2010/07/05 23:27:41	0.875	62.8	8.5
218	2010/07/05 23:28:24	0.625	59.7	6.5
219	2010/07/05 23:29:09	0.875	69.9	8.3



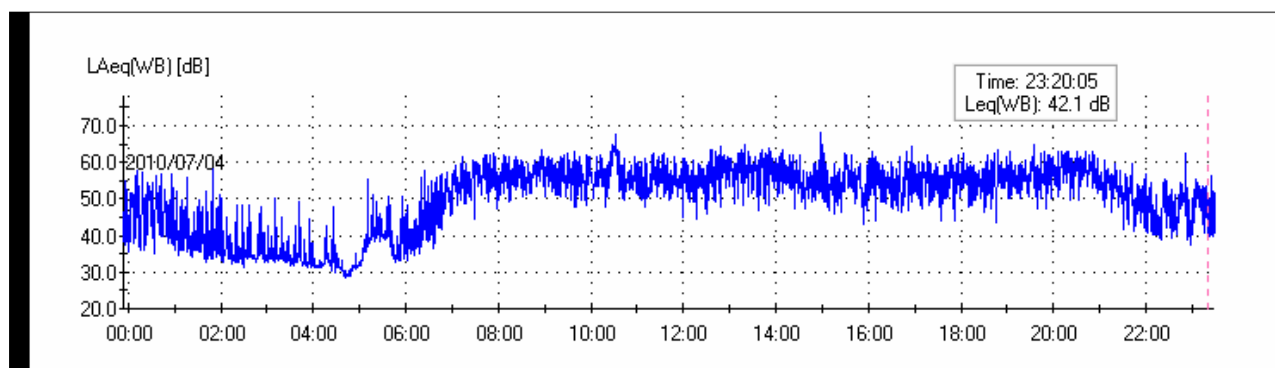
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
Freq: 125	0.0
Freq: 315	0.1
Freq: 400	0.0
Freq: 500	0.1
Freq: 630	0.1
Freq: 800	0.0
Freq: 1 k	0.1
Freq: 1.25 k	0.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Freq: 1.6 k	0.0
Freq: 2 k	0.1
Freq: 2.5 k	0.0
Freq: 3.15 k	11.3
Freq: 4 k	0.1
Freq: 5 k	0.5
Freq: 6.3 k	0.0
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: 3dB	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

TIME HISTORY COMPONENTI TONALI

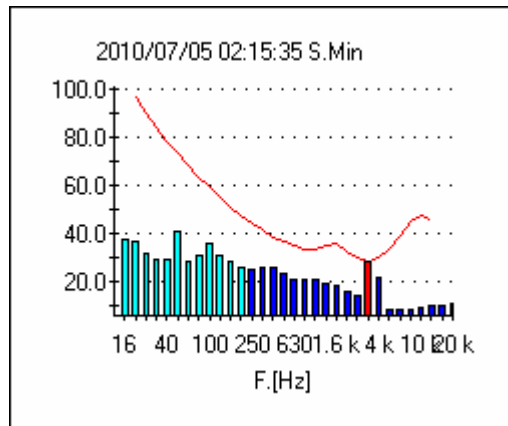
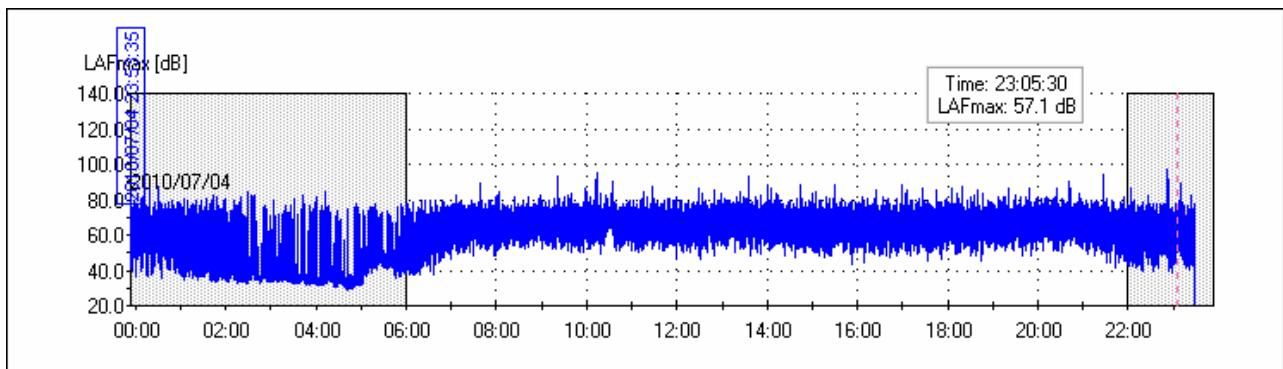
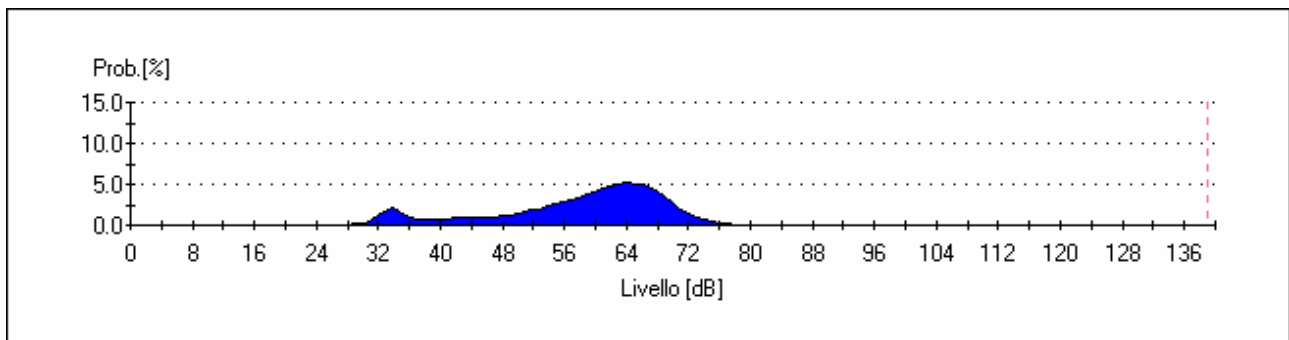


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

CUMULATIVA

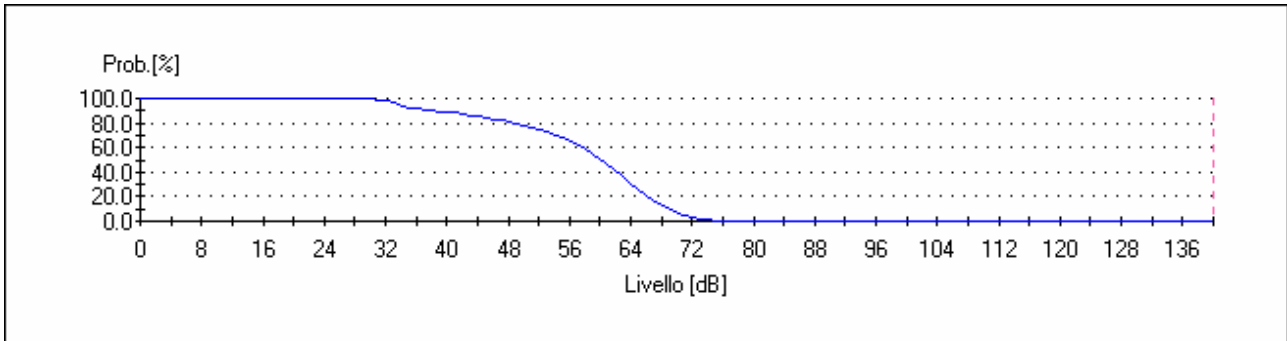
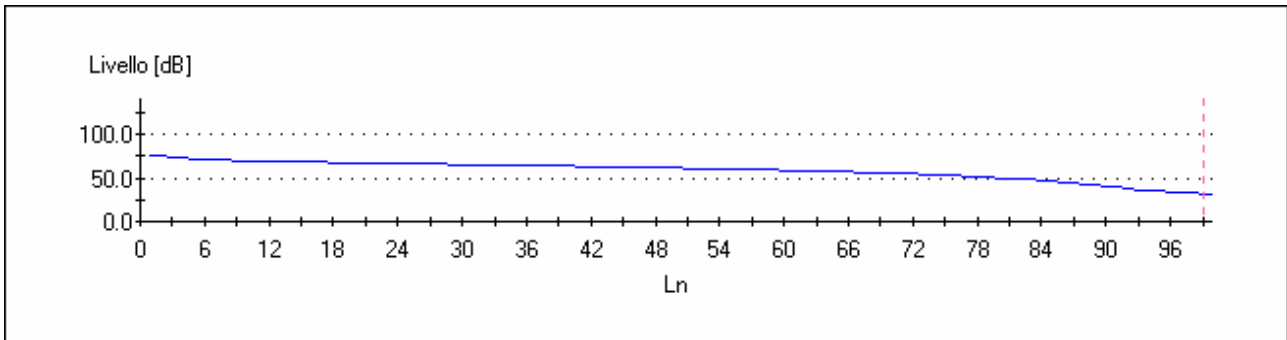


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	75.0
<b>1</b>	<b>75.0</b>
2	73.0
3	72.5
4	72.0
<b>5</b>	<b>71.5</b>
6	71.0
7	70.5
8	70.0
9	69.8
<b>10</b>	<b>69.5</b>
11	69.3
12	69.0
13	68.8
14	68.5
15	68.3
16	68.0
17	67.8
18	67.5
19	67.3
20	67.0
21	66.8
22	66.6
23	66.4
24	66.2
25	66.0
26	65.8
27	65.6
28	65.4

29	65.2
30	65.0
31	64.8
32	64.7
33	64.5
34	64.3
35	64.2
36	64.0
37	63.8
38	63.6
39	63.4
40	63.2
41	63.0
42	62.8
43	62.5
44	62.3
45	62.0
46	61.8
47	61.6
48	61.4
49	61.2
50	61.0
51	60.8
52	60.5
53	60.3
54	60.0
55	59.8
56	59.5
57	59.3
58	59.0
59	58.7
60	58.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

61	58.0
62	57.7
63	57.3
64	57.0
65	56.7
66	56.3
67	56.0
68	55.7
69	55.3
70	55.0
71	54.5
72	54.0
73	53.5
74	53.0
75	52.5
76	52.0
77	51.5
78	51.0
79	50.0
80	49.0
81	48.5
82	48.0
83	47.0
84	46.0
85	45.0
86	44.0
87	43.0
88	42.0
89	40.0
<b>90</b>	<b>39.0</b>
91	37.0
92	36.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	35.0
94	34.7
95	34.3
96	34.0
97	33.0
98	32.0
99	31.0

**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	75.0
1	75.0
2	74.0
3	73.0
4	72.5
5	72.0
6	71.5
7	71.0
8	70.8
9	70.5
10	70.3
11	70.0
12	69.8
13	69.6
14	69.4
15	69.2
16	69.0
17	68.8
18	68.6
19	68.4
20	68.2



21	68.0
22	67.8
23	67.7
24	67.5
25	67.3
26	67.2
27	67.0
28	66.9
29	66.7
30	66.6
31	66.4
32	66.3
33	66.1
34	66.0
35	65.9
36	65.7
37	65.6
38	65.4
39	65.3
40	65.1
41	65.0
42	64.9
43	64.7
44	64.6
45	64.4
46	64.3
47	64.1
48	64.0
49	63.8
50	63.7
51	63.5
52	63.3

53	63.2
54	63.0
55	62.9
56	62.7
57	62.6
58	62.4
59	62.3
60	62.1
61	62.0
62	61.8
63	61.6
64	61.4
65	61.2
66	61.0
67	60.8
68	60.6
69	60.4
70	60.2
71	60.0
72	59.8
73	59.6
74	59.4
75	59.2
76	59.0
77	58.8
78	58.5
79	58.3
80	58.0
81	57.7
82	57.3
83	57.0
84	56.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	56.5
86	56.3
87	56.0
88	55.5
89	55.0
90	54.5
91	54.0
92	53.5
93	53.0
94	52.0
95	51.5
96	51.0
97	49.0
98	48.0
99	44.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	73.0
1	73.0
2	71.0
3	70.0
4	68.0
5	67.5
6	67.0
7	66.0
8	65.0
9	64.5
10	64.0
11	63.5
12	63.0

13	62.5
14	62.0
15	61.0
16	60.5
17	60.0
18	59.7
19	59.3
20	59.0
21	58.5
22	58.0
23	57.5
24	57.0
25	56.7
26	56.3
27	56.0
28	55.5
29	55.0
30	54.7
31	54.3
32	54.0
33	53.5
34	53.0
35	52.7
36	52.3
37	52.0
38	51.7
39	51.3
40	51.0
41	50.7
42	50.3
43	50.0
44	49.5

45	49.0
46	48.7
47	48.3
48	48.0
49	47.7
50	47.3
51	47.0
52	46.5
53	46.0
54	45.7
55	45.3
56	45.0
57	44.5
58	44.0
59	43.7
60	43.3
61	43.0
62	42.5
63	42.0
64	41.7
65	41.3
66	41.0
67	40.5
68	40.0
69	39.0
70	38.5
71	38.0
72	37.5
73	37.0
74	36.7
75	36.3
76	36.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

77	35.8
78	35.6
79	35.4
80	35.2
81	35.0
82	34.8
83	34.7
84	34.5
85	34.3
86	34.2
87	34.0
88	33.8
89	33.7
90	33.5
91	33.3
92	33.2
93	33.0
94	32.7
95	32.3
96	32.0
97	31.5
98	31.0
99	30.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,8	84,3	87,7
90,8	86,2	89,1
95,8	91,3	95,2
94,1	89,2	93,3
91,5	86,5	90,6
97,6	92,9	96,7
<b>97,6</b>	<b>92,9</b>	<b>96,7</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
90,8	86,2	89,1
95,8	91,3	95,2
94,1	89,2	93,3
91,5	86,5	90,6
95,5	90,3	94,4
<b>95,8</b>	<b>91,3</b>	<b>95,2</b>

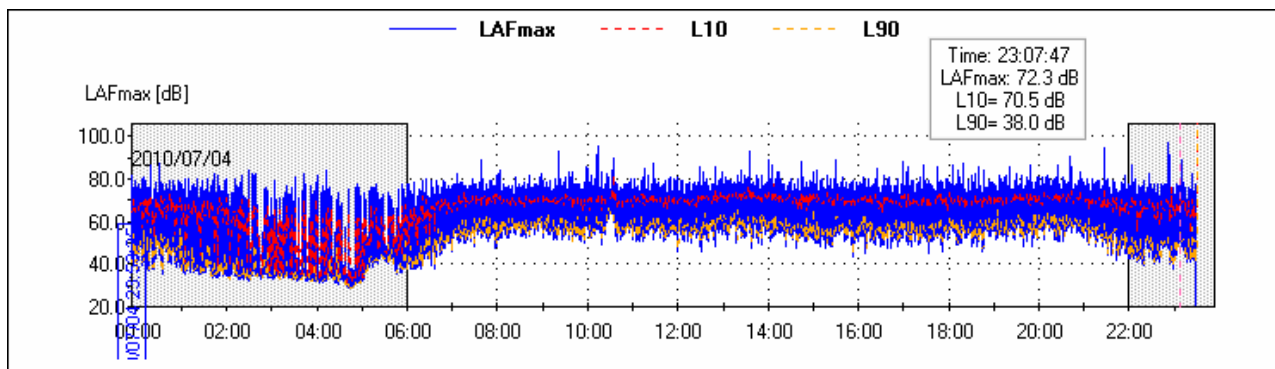
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
88,8	84,3	87,7
85,4	80,2	84,1
97,6	92,9	96,7

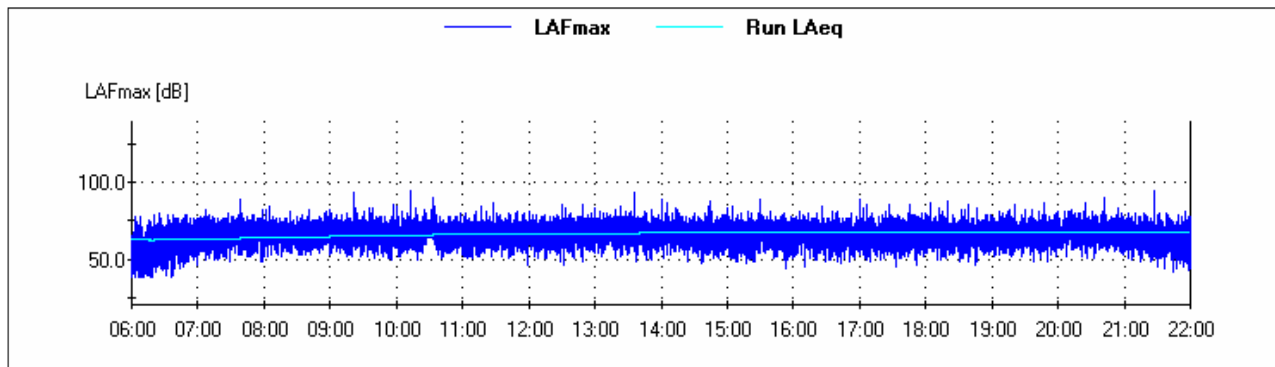
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>97,6</b>	<b>92,9</b>	<b>96,7</b>
-------------	-------------	-------------

**TIME HISTORY L10 – L90**



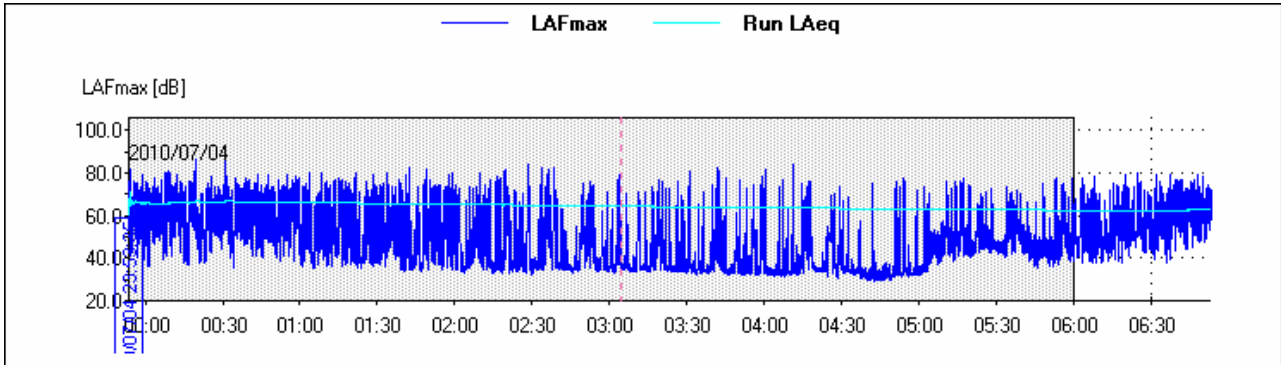
**RUNNING Leq DIURNO**



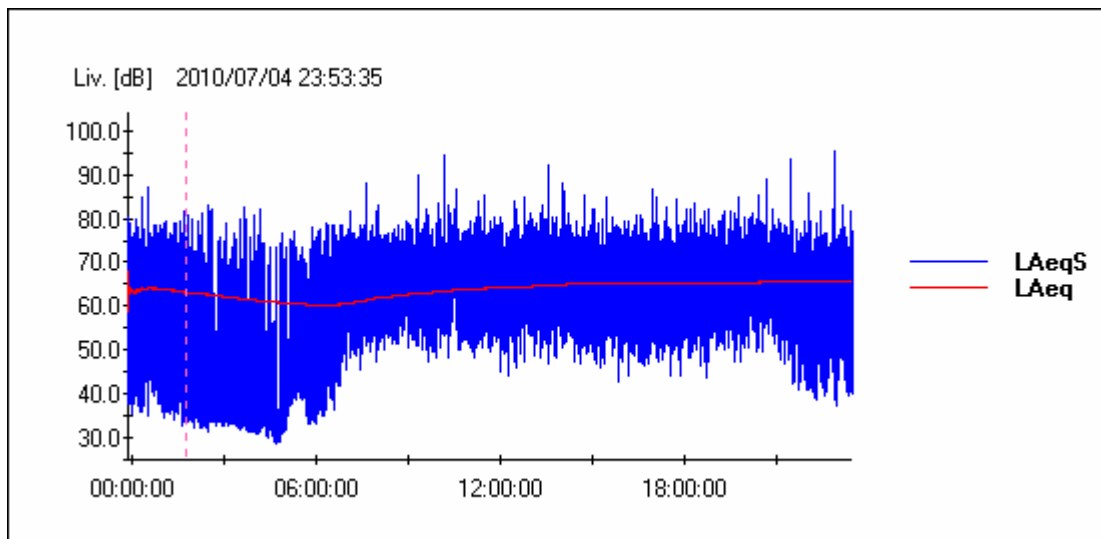
**RUNNING Leq NOTTURNO**



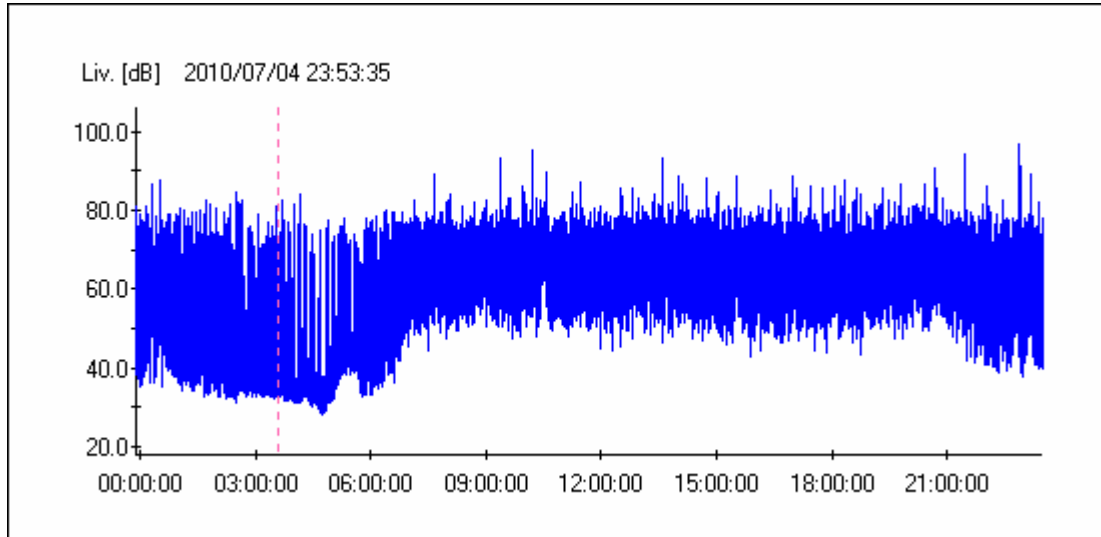
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011



LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<p align="center"><b>Ponte sullo Stretto di Messina</b>  <b>PROGETTO DEFINITIVO</b></p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i>  AS0105_F0.docx</p>		<p><i>Rev</i>  F0</p>	<p><i>Data</i>  20/06/2011</p>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

R2 - MISURE DI 24 ORE CON POSTAZIONE SEMI-FISSE		
Punto	Ricettore <b>R_21_S</b>	Indirizzo <b>VIA S. BERNARDO</b>
<b>Descrizione del punto di misura/ricettore</b>  <p style="text-align: center;"><i>L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata sul marciapiede che funge da sparti-traffico tra la carreggiata stradale e il distributore di benzina</i></p>		

Caratterizzazione del punto di misura/ricettore		
Zonizzazione acustica e limiti diurni/notturni		
<input type="checkbox"/>	Classe I	50 / 40 dB(a)
<input type="checkbox"/>	Classe II	55 / 45 dB(a)
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)
<input type="checkbox"/>	Classe V	70 / 60 dB(a)
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)
Caratterizzazione delle sorgenti di rumore		
Tipologia	<input checked="" type="checkbox"/>	Traffico stradale
	<input type="checkbox"/>	Traffico ferroviario
	<input type="checkbox"/>	Cantiere
	<input type="checkbox"/>	Altro
Descrizione		
Strumentazione adottata		
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208		

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

- Calibratore HD 2020 Classe 1 090 29825		
Punto	Ricettore <b>R_21_S</b>	Indirizzo <b>VIA S. BERNARDO</b>

<b>Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)</b>								
Periodo	TR	Data	L <sub>AeqTR</sub> [dBA]	K <sub>I</sub> [dBA]	K <sub>T</sub> [dBA]	K <sub>B</sub> [dBA]	L <sub>AeqTRC</sub> [dBA]	L <sub>lim</sub> [dBA]
Giorno	6-22h	<b>09/07/10</b>	<b>63.9</b>	<b>0</b>	<b>0</b>		<b>63.9</b>	<b>60</b>
Notte	22-6h	<b>09/07/10</b>	<b>64.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64.1</b>	<b>50</b>

<b>RISULTATI MISURE</b>	
Codice misura	<b>R_21_S</b>
Data inizio	<b>09/07/2010</b>
Ora inizio	<b>0.18.42</b>
Note	

Parametri		24 ore	Giorno (T <sub>R</sub> = 6/22)	Notte (T <sub>R</sub> = 22/6)
LAeqTR	[dBA]	<b>64.0</b>	<b>63.9</b>	<b>64.1</b>
L1	[dBA]	<b>73.0</b>	<b>73.0</b>	<b>66.0</b>
L5	[dBA]	<b>68.0</b>	<b>69.0</b>	<b>59.7</b>
L10	[dBA]	<b>65.8</b>	<b>67.0</b>	<b>58.7</b>
L50	[dBA]	<b>58.0</b>	<b>59.9</b>	<b>47.2</b>
L90	[dBA]	<b>42.3</b>	<b>50.0</b>	<b>39.8</b>
L95	[dBA]	<b>39.3</b>	<b>42.0</b>	<b>39.0</b>
L99	[dBA]	<b>37.0</b>	<b>37.0</b>	<b>32.0</b>
Llmax	[dBA]	<b>118.1</b>	<b>98.1</b>	<b>118.1</b>
LFmax	[dBA]	<b>113.6</b>	<b>93.1</b>	<b>113.6</b>
LSmax	[dBA]	<b>104.9</b>	<b>84.0</b>	<b>104.9</b>
KI	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KT	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
KB	[dBA]	<b>0</b>	<b>0</b>	<b>0</b>
L <sub>AeqTRC</sub>		<b>64.0</b>	<b>63.9</b>	<b>64.1</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Note:

Punto	Ricettore <b>R_21_S</b>	Indirizzo <b>VIA S. BERNARDO</b>
-------	----------------------------	-------------------------------------

**Sorgente stradale:** \_\_\_\_\_

	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Veic. Leggeri / 10'	<b>92</b>	<b>123</b>	<b>55</b>	<b>90</b>	<b>90</b>	<b>74</b>	<b>8</b>	<b>41</b>
Veic. Pesanti / 10'	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0.75</b>	<b>0</b>	<b>0</b>	<b>0</b>
Motocicli / 10'	<b>8</b>	<b>25</b>	<b>23</b>	<b>12</b>	<b>17</b>	<b>8</b>	<b>1</b>	<b>4.5</b>
	6/9h	9/14h	14/19h	19/22h	Media	22/2h	2/6 h	Media
Condizioni cielo	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>	<b>SERENO</b>		<b>SERENO</b>	<b>SERENO</b>	
Temperatura	<b>22</b>	<b>25.3</b>	<b>28.6</b>	<b>25</b>	<b>25.23</b>	<b>23</b>	<b>22</b>	<b>22.5</b>
Umidità relativa	<b>62</b>	<b>65</b>	<b>72</b>	<b>74</b>	<b>68.25</b>	<b>66</b>	<b>65</b>	<b>65.5</b>
Velocità vento	<b>3.2</b>	<b>3.8</b>	<b>4.2</b>	<b>2.8</b>	<b>3.5</b>	<b>2.5</b>	<b>2.1</b>	<b>2.3</b>
Direzione vento	<b>W</b>	<b>W</b>	<b>N W</b>	<b>N W</b>		<b>N</b>	<b>N</b>	

**Fotografia del punto di misura**

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

		
<b>Punto</b>	<b>Ricettore</b> <b>R_21_S</b>	<b>Indirizzo</b> <b>VIA S. BERNARDO</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta



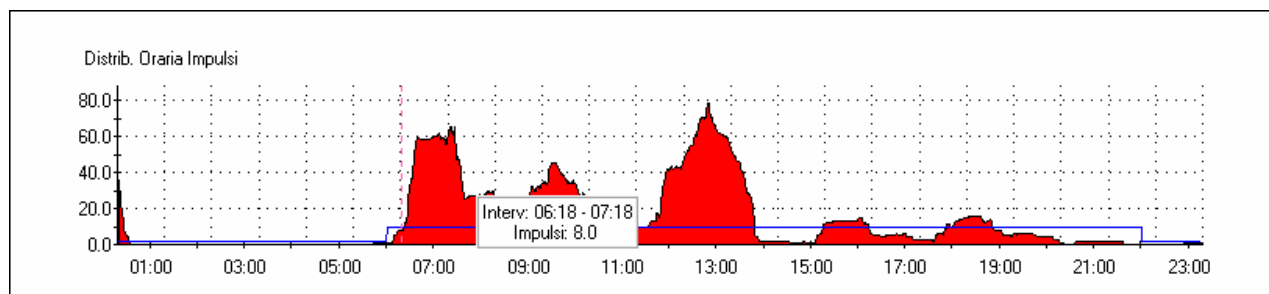
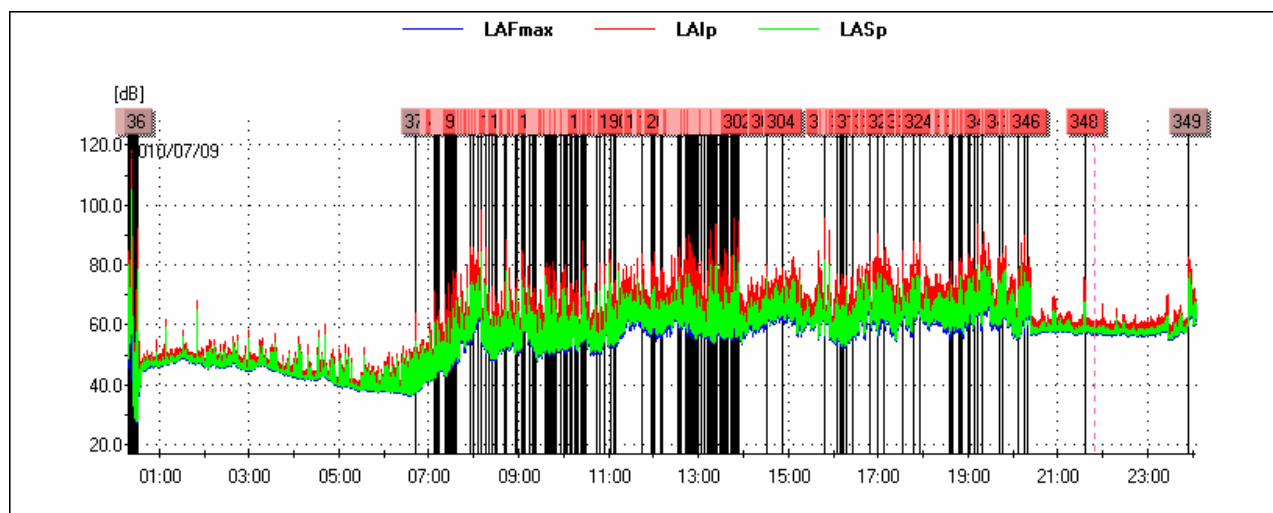
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/09 00:18:43	0.750	63.4	12.4
2	2010/07/09 00:18:48	0.625	71.4	12.7
3	2010/07/09 00:18:55	0.500	68.1	12.6
4	2010/07/09 00:18:59	0.750	73.3	11.0
5	2010/07/09 00:19:05	1.000	72.0	10.8
6	2010/07/09 00:19:06	0.625	74.2	11.8
7	2010/07/09 00:19:25	0.625	76.8	11.5
8	2010/07/09 00:19:32	0.750	75.6	7.4
9	2010/07/09 00:19:42	1.000	76.9	5.6
10	2010/07/09 00:19:51	0.875	75.7	11.5
11	2010/07/09 00:20:15	0.750	69.4	11.3
12	2010/07/09 00:20:34	0.625	70.6	9.0
13	2010/07/09 00:20:51	0.750	72.4	10.2
14	2010/07/09 00:21:20	0.750	76.5	9.9
15	2010/07/09 00:21:50	0.750	70.0	9.3
16	2010/07/09 00:21:54	0.625	79.0	11.0
17	2010/07/09 00:21:57	0.750	77.9	11.9
18	2010/07/09 00:22:34	0.750	74.5	7.4
19	2010/07/09 00:23:03	0.875	73.5	10.5
20	2010/07/09 00:23:08	0.875	68.5	11.2
21	2010/07/09 00:23:12	0.625	76.7	11.0
22	2010/07/09 00:23:18	0.500	85.4	12.6
23	2010/07/09 00:23:22	0.625	79.3	12.9
24	2010/07/09 00:23:44	0.750	113.6	13.2
25	2010/07/09 00:24:29	0.500	70.2	14.2
26	2010/07/09 00:24:30	0.625	55.9	15.6
27	2010/07/09 00:24:31	0.625	53.3	16.2
28	2010/07/09 00:25:00	0.500	54.6	13.4
29	2010/07/09 00:25:27	0.625	67.3	14.1

30	2010/07/09 00:25:30	1.000	44.7	17.0
31	2010/07/09 00:27:58	0.500	45.2	12.5
32	2010/07/09 00:28:22	0.500	66.9	13.6
33	2010/07/09 00:31:05	0.500	77.7	13.7
34	2010/07/09 00:31:16	0.625	52.5	13.5
35	2010/07/09 00:31:29	0.500	60.1	14.0
36	2010/07/09 00:31:38	0.625	87.2	13.5
37	2010/07/09 06:41:23	0.750	50.9	8.5
38	2010/07/09 07:06:49	0.875	59.2	9.3
39	2010/07/09 07:07:30	0.625	68.0	10.1
40	2010/07/09 07:08:15	0.750	55.3	9.0
41	2010/07/09 07:08:45	0.625	58.4	8.6
42	2010/07/09 07:11:13	0.750	58.7	9.8
43	2010/07/09 07:13:27	0.625	59.5	7.9
44	2010/07/09 07:13:28	0.750	59.4	8.0
45	2010/07/09 07:21:06	0.750	66.6	9.1
46	2010/07/09 07:21:07	0.625	66.9	9.7
47	2010/07/09 07:21:40	0.750	61.1	10.0
48	2010/07/09 07:22:17	0.875	56.4	9.1
49	2010/07/09 07:25:01	0.875	60.6	11.9
50	2010/07/09 07:25:15	0.625	62.5	12.1
51	2010/07/09 07:25:27	1.000	63.1	12.1
52	2010/07/09 07:25:38	0.625	60.5	11.6
53	2010/07/09 07:25:51	0.750	57.0	10.3
54	2010/07/09 07:25:53	0.625	66.8	11.4
55	2010/07/09 07:26:16	0.625	66.4	11.6
56	2010/07/09 07:26:17	0.625	68.8	11.3
57	2010/07/09 07:26:27	0.625	64.7	12.6
58	2010/07/09 07:26:37	0.625	61.1	10.4
59	2010/07/09 07:26:45	0.625	60.3	10.1
60	2010/07/09 07:26:49	0.625	67.6	12.6
61	2010/07/09 07:26:49	0.500	63.1	12.4

62	2010/07/09 07:26:59	0.625	68.1	12.0
63	2010/07/09 07:27:02	0.875	65.1	10.1
64	2010/07/09 07:27:03	0.625	62.2	8.7
65	2010/07/09 07:27:09	0.625	58.9	9.7
66	2010/07/09 07:27:11	0.875	57.3	6.9
67	2010/07/09 07:27:19	0.750	57.5	10.2
68	2010/07/09 07:27:23	0.625	60.4	11.0
69	2010/07/09 07:28:00	0.750	59.8	10.3
70	2010/07/09 07:28:20	1.000	56.7	9.6
71	2010/07/09 07:29:28	0.625	60.6	11.9
72	2010/07/09 07:30:26	0.625	65.3	12.3
73	2010/07/09 07:30:30	0.625	63.9	12.3
74	2010/07/09 07:30:44	0.625	65.0	12.6
75	2010/07/09 07:32:26	0.625	73.7	12.8
76	2010/07/09 07:32:31	0.750	66.3	11.3
77	2010/07/09 07:32:45	0.625	62.2	11.4
78	2010/07/09 07:32:47	0.750	66.1	10.9
79	2010/07/09 07:32:53	1.000	67.1	9.6
80	2010/07/09 07:33:02	0.625	63.0	10.6
81	2010/07/09 07:33:05	1.000	66.4	12.2
82	2010/07/09 07:33:26	0.625	70.4	12.9
83	2010/07/09 07:33:52	0.625	66.7	12.4
84	2010/07/09 07:34:04	0.750	65.8	11.5
85	2010/07/09 07:34:08	0.750	62.2	9.4
86	2010/07/09 07:34:34	1.000	58.8	10.3
87	2010/07/09 07:34:36	0.750	64.7	10.0
88	2010/07/09 07:34:48	0.500	67.3	11.7
89	2010/07/09 07:34:58	0.625	62.0	9.2
90	2010/07/09 07:35:31	0.750	69.7	11.4
91	2010/07/09 07:36:01	1.000	64.3	11.2
92	2010/07/09 07:36:06	0.750	65.1	10.3
93	2010/07/09 07:36:08	0.750	75.3	9.6

94	2010/07/09 07:36:32	0.750	63.8	10.7
95	2010/07/09 07:37:11	1.000	62.3	9.7
96	2010/07/09 07:37:29	1.000	59.7	10.6
97	2010/07/09 07:55:57	0.750	80.9	12.4
98	2010/07/09 07:58:36	0.875	81.4	12.7
99	2010/07/09 08:05:48	1.000	77.1	9.9
100	2010/07/09 08:05:52	0.875	74.9	8.2
101	2010/07/09 08:09:04	0.500	93.1	14.1
102	2010/07/09 08:16:44	0.625	80.9	12.9
103	2010/07/09 08:16:45	0.625	74.3	12.1
104	2010/07/09 08:16:48	0.625	78.2	11.8
105	2010/07/09 08:16:49	0.625	75.7	10.7
106	2010/07/09 08:16:51	0.750	68.9	10.5
107	2010/07/09 08:16:56	0.625	70.7	10.4
108	2010/07/09 08:16:57	0.750	72.4	9.9
109	2010/07/09 08:17:00	0.625	74.0	9.9
110	2010/07/09 08:19:51	0.875	65.1	10.0
111	2010/07/09 08:24:40	1.000	66.1	9.3
112	2010/07/09 08:24:41	1.000	67.3	6.4
113	2010/07/09 08:24:42	0.875	68.6	9.4
114	2010/07/09 08:24:45	0.750	67.0	8.1
115	2010/07/09 08:25:21	0.625	63.4	11.7
116	2010/07/09 08:28:42	1.000	62.2	8.7
117	2010/07/09 08:28:53	0.625	62.6	11.5
118	2010/07/09 08:28:56	0.875	66.7	9.5
119	2010/07/09 08:28:58	0.625	61.6	10.2
120	2010/07/09 08:30:42	0.750	63.1	6.8
121	2010/07/09 08:31:03	0.875	63.7	9.1
122	2010/07/09 08:40:55	0.750	71.6	9.2
123	2010/07/09 08:43:13	0.625	85.6	10.2
124	2010/07/09 08:55:40	0.875	69.5	9.0
125	2010/07/09 08:57:00	1.000	73.3	7.8

126	2010/07/09 09:03:19	0.750	82.2	10.0
127	2010/07/09 09:04:41	1.000	66.9	6.3
128	2010/07/09 09:06:26	0.500	79.9	11.4
129	2010/07/09 09:06:39	0.750	71.8	7.6
130	2010/07/09 09:07:35	0.875	73.3	9.2
131	2010/07/09 09:13:29	0.625	68.6	10.2
132	2010/07/09 09:18:01	0.875	69.7	6.7
133	2010/07/09 09:21:19	0.625	68.3	10.3
134	2010/07/09 09:22:43	0.875	61.3	8.1
135	2010/07/09 09:35:18	0.875	69.1	10.6
136	2010/07/09 09:37:48	0.625	78.1	9.5
137	2010/07/09 09:37:50	0.750	72.0	8.4
138	2010/07/09 09:38:17	0.625	70.8	11.2
139	2010/07/09 09:39:17	0.750	76.0	9.9
140	2010/07/09 09:40:41	0.750	76.9	9.9
141	2010/07/09 09:42:36	0.625	67.3	11.8
142	2010/07/09 09:43:37	0.750	68.9	9.0
143	2010/07/09 09:45:24	0.750	78.2	10.2
144	2010/07/09 09:47:18	0.750	75.1	9.8
145	2010/07/09 09:47:22	0.875	68.4	9.1
146	2010/07/09 09:47:35	0.625	69.8	11.4
147	2010/07/09 09:49:30	0.875	71.3	9.3
148	2010/07/09 09:50:20	0.875	64.6	8.0
149	2010/07/09 09:56:02	0.750	69.6	11.3
150	2010/07/09 09:56:35	0.875	65.2	8.3
151	2010/07/09 09:59:55	0.750	69.4	11.7
152	2010/07/09 10:01:26	0.750	64.8	10.4
153	2010/07/09 10:01:34	1.000	71.5	9.9
154	2010/07/09 10:01:39	1.000	72.5	9.2
155	2010/07/09 10:02:43	1.000	62.2	9.4
156	2010/07/09 10:03:13	1.000	67.1	8.8
157	2010/07/09 10:03:36	0.750	64.4	10.0

158	2010/07/09 10:03:45	1.000	62.1	10.6
159	2010/07/09 10:04:07	0.625	68.9	10.9
160	2010/07/09 10:07:51	0.625	68.4	10.5
161	2010/07/09 10:09:10	0.750	70.2	10.7
162	2010/07/09 10:10:20	0.750	70.5	10.4
163	2010/07/09 10:15:00	0.750	67.6	9.4
164	2010/07/09 10:15:46	0.625	66.8	10.7
165	2010/07/09 10:16:36	0.625	70.5	11.8
166	2010/07/09 10:18:47	0.625	66.1	11.6
167	2010/07/09 10:19:14	0.750	66.5	9.4
168	2010/07/09 10:23:24	0.750	65.4	9.8
169	2010/07/09 10:24:42	0.875	70.0	8.2
170	2010/07/09 10:25:04	0.625	73.1	9.7
171	2010/07/09 10:25:19	0.625	82.9	10.5
172	2010/07/09 10:25:22	0.750	69.2	11.4
173	2010/07/09 10:25:24	0.875	71.4	8.7
174	2010/07/09 10:25:27	0.625	73.8	8.3
175	2010/07/09 10:25:32	0.875	68.9	7.3
176	2010/07/09 10:26:11	0.875	83.7	9.7
177	2010/07/09 10:26:29	0.750	76.0	9.0
178	2010/07/09 10:28:09	0.875	68.6	8.8
179	2010/07/09 10:28:09	0.750	72.2	9.0
180	2010/07/09 10:28:55	1.000	70.0	7.4
181	2010/07/09 10:43:07	0.875	64.0	8.9
182	2010/07/09 10:48:57	0.750	75.9	11.2
183	2010/07/09 10:48:59	0.625	77.7	9.4
184	2010/07/09 10:54:19	1.000	75.3	8.6
185	2010/07/09 10:55:10	0.875	78.7	6.9
186	2010/07/09 11:02:46	0.875	79.7	8.2
187	2010/07/09 11:07:47	0.875	71.0	9.3
188	2010/07/09 11:08:16	0.750	73.3	8.0
189	2010/07/09 11:08:29	0.750	67.2	9.5

190	2010/07/09 11:08:31	1.000	71.6	8.8
191	2010/07/09 11:44:47	0.625	78.1	11.8
192	2010/07/09 11:45:13	0.625	79.4	11.7
193	2010/07/09 11:45:27	1.000	80.6	9.8
194	2010/07/09 11:56:13	0.750	77.3	11.6
195	2010/07/09 11:58:40	1.000	74.8	11.6
196	2010/07/09 12:01:08	0.625	80.2	12.1
197	2010/07/09 12:02:15	0.750	76.9	10.0
198	2010/07/09 12:08:34	0.750	74.2	10.9
199	2010/07/09 12:11:44	0.875	74.9	11.1
200	2010/07/09 12:12:01	0.625	73.3	9.9
201	2010/07/09 12:33:27	0.875	79.2	8.0
202	2010/07/09 12:33:35	0.750	82.6	9.6
203	2010/07/09 12:35:45	0.750	75.0	11.7
204	2010/07/09 12:42:23	0.625	84.1	13.0
205	2010/07/09 12:42:37	0.625	84.6	11.9
206	2010/07/09 12:42:45	0.625	77.0	11.1
207	2010/07/09 12:42:48	1.000	77.3	11.0
208	2010/07/09 12:44:32	0.625	75.5	10.9
209	2010/07/09 12:46:24	0.500	85.4	13.0
210	2010/07/09 12:46:46	0.750	73.8	11.4
211	2010/07/09 12:46:52	0.750	75.3	12.0
212	2010/07/09 12:46:58	0.875	81.3	9.0
213	2010/07/09 12:47:10	1.000	74.1	12.3
214	2010/07/09 12:47:22	0.625	75.5	11.9
215	2010/07/09 12:47:23	0.500	74.5	10.8
216	2010/07/09 12:47:26	0.500	81.1	12.8
217	2010/07/09 12:47:31	0.625	78.8	10.6
218	2010/07/09 12:47:48	0.750	78.1	10.8
219	2010/07/09 12:48:24	0.625	82.7	13.3
220	2010/07/09 12:48:43	0.625	80.2	11.8
221	2010/07/09 12:49:17	0.875	78.5	11.0



222	2010/07/09 12:49:39	0.625	76.5	12.1
223	2010/07/09 12:49:42	0.625	79.3	10.7
224	2010/07/09 12:49:44	0.625	76.2	11.6
225	2010/07/09 12:49:59	0.750	76.6	11.2
226	2010/07/09 12:50:26	0.750	80.5	12.0
227	2010/07/09 12:51:18	0.750	74.2	12.0
228	2010/07/09 12:51:25	0.625	78.6	12.9
229	2010/07/09 12:52:11	0.625	77.9	12.3
230	2010/07/09 12:52:18	1.000	72.7	10.5
231	2010/07/09 12:53:30	0.625	77.0	13.0
232	2010/07/09 12:54:00	0.500	77.7	12.6
233	2010/07/09 12:54:36	0.625	78.1	12.7
234	2010/07/09 12:54:40	0.625	78.2	12.0
235	2010/07/09 12:54:49	0.625	76.3	12.9
236	2010/07/09 12:57:49	0.750	73.4	12.9
237	2010/07/09 12:58:45	0.625	76.0	11.9
238	2010/07/09 12:59:53	0.875	78.7	9.3
239	2010/07/09 13:00:22	1.000	74.0	10.2
240	2010/07/09 13:04:31	0.625	76.7	12.6
241	2010/07/09 13:07:17	0.625	71.3	9.4
242	2010/07/09 13:11:54	0.750	71.0	9.0
243	2010/07/09 13:14:28	0.750	80.8	12.6
244	2010/07/09 13:14:32	0.500	80.8	12.6
245	2010/07/09 13:14:42	0.750	74.8	11.6
246	2010/07/09 13:14:53	1.000	68.5	8.2
247	2010/07/09 13:16:39	0.500	86.9	13.6
248	2010/07/09 13:17:02	1.000	83.3	11.4
249	2010/07/09 13:17:28	0.625	73.8	10.5
250	2010/07/09 13:18:47	0.625	78.6	10.6
251	2010/07/09 13:20:24	0.625	75.6	12.2
252	2010/07/09 13:20:29	0.875	70.0	12.1
253	2010/07/09 13:23:19	0.750	88.9	13.8

254	2010/07/09 13:23:36	1.000	83.3	8.5
255	2010/07/09 13:24:10	0.625	88.5	13.6
256	2010/07/09 13:28:05	0.625	72.4	12.1
257	2010/07/09 13:29:02	0.750	72.6	10.8
258	2010/07/09 13:29:47	0.625	75.4	12.2
259	2010/07/09 13:30:30	0.750	73.4	7.6
260	2010/07/09 13:30:45	0.875	73.7	8.4
261	2010/07/09 13:30:51	0.750	71.5	9.8
262	2010/07/09 13:32:43	0.750	73.0	12.8
263	2010/07/09 13:34:04	1.000	76.8	9.7
264	2010/07/09 13:34:16	0.625	76.5	11.9
265	2010/07/09 13:34:41	0.625	78.6	13.3
266	2010/07/09 13:34:43	0.625	73.8	11.1
267	2010/07/09 13:34:49	0.625	80.9	12.8
268	2010/07/09 13:34:59	0.750	74.8	11.4
269	2010/07/09 13:35:11	0.500	75.1	12.6
270	2010/07/09 13:35:26	0.750	69.9	11.2
271	2010/07/09 13:36:06	1.000	72.9	9.3
272	2010/07/09 13:37:34	0.750	78.5	13.7
273	2010/07/09 13:37:55	0.875	67.3	9.5
274	2010/07/09 13:39:56	1.000	72.4	9.3
275	2010/07/09 13:42:49	0.625	71.1	10.6
276	2010/07/09 13:42:49	0.625	73.2	9.4
277	2010/07/09 13:42:51	0.625	73.1	11.2
278	2010/07/09 13:42:55	0.625	78.2	12.1
279	2010/07/09 13:43:13	1.000	74.0	11.7
280	2010/07/09 13:44:59	0.625	74.9	10.1
281	2010/07/09 13:45:28	0.875	70.7	10.1
282	2010/07/09 13:45:29	1.000	72.5	9.3
283	2010/07/09 13:46:06	0.625	78.6	12.4
284	2010/07/09 13:46:11	0.625	74.5	11.9
285	2010/07/09 13:46:13	0.750	69.8	9.7

286	2010/07/09 13:46:33	0.750	70.1	9.1
287	2010/07/09 13:46:35	1.000	78.5	11.2
288	2010/07/09 13:46:37	0.875	73.5	8.2
289	2010/07/09 13:46:42	0.875	70.3	9.9
290	2010/07/09 13:46:44	0.625	91.0	13.0
291	2010/07/09 13:46:45	0.625	84.6	12.7
292	2010/07/09 13:47:00	0.625	90.9	13.9
293	2010/07/09 13:47:23	0.625	87.9	12.2
294	2010/07/09 13:47:24	0.625	89.3	11.6
295	2010/07/09 13:47:25	0.625	89.8	9.6
296	2010/07/09 13:47:29	0.750	76.9	11.3
297	2010/07/09 13:47:34	0.625	83.0	13.0
298	2010/07/09 13:48:19	0.875	73.2	10.1
299	2010/07/09 13:48:49	0.750	73.7	8.6
300	2010/07/09 13:51:53	0.875	81.6	12.3
301	2010/07/09 13:52:47	0.500	86.0	13.0
302	2010/07/09 13:52:59	0.500	89.8	14.0
303	2010/07/09 14:31:51	0.875	75.1	6.7
304	2010/07/09 14:51:49	0.875	73.1	10.0
305	2010/07/09 15:48:19	0.500	90.5	14.1
306	2010/07/09 16:05:00	0.625	71.2	12.2
307	2010/07/09 16:05:02	0.625	71.9	12.4
308	2010/07/09 16:05:45	0.625	70.5	11.6
309	2010/07/09 16:05:50	0.750	70.2	9.8
310	2010/07/09 16:09:39	0.750	68.2	11.4
311	2010/07/09 16:12:21	0.875	73.2	10.5
312	2010/07/09 16:13:02	0.875	71.7	9.0
313	2010/07/09 16:13:03	1.000	71.1	7.5
314	2010/07/09 16:14:04	0.875	70.7	8.1
315	2010/07/09 16:14:28	1.000	69.0	9.7
316	2010/07/09 16:17:43	0.875	68.7	9.6
317	2010/07/09 16:26:29	0.875	68.7	8.1

318	2010/07/09 16:48:32	0.625	76.7	11.6
319	2010/07/09 16:59:51	0.750	73.1	8.4
320	2010/07/09 16:59:59	0.625	85.9	13.4
321	2010/07/09 17:08:05	1.000	80.6	10.9
322	2010/07/09 17:33:31	0.750	80.5	11.4
323	2010/07/09 17:46:18	0.750	83.1	12.8
324	2010/07/09 17:55:01	0.750	83.5	11.7
325	2010/07/09 18:36:07	0.875	71.3	9.8
326	2010/07/09 18:36:40	1.000	78.8	8.6
327	2010/07/09 18:37:18	0.750	74.2	11.1
328	2010/07/09 18:39:37	1.000	70.5	7.0
329	2010/07/09 18:47:54	0.625	77.2	11.4
330	2010/07/09 18:48:00	0.875	74.1	10.8
331	2010/07/09 18:48:52	1.000	70.5	10.5
332	2010/07/09 18:49:48	1.000	76.4	8.6
333	2010/07/09 18:51:43	0.875	76.7	10.8
334	2010/07/09 18:51:55	0.625	72.8	11.8
335	2010/07/09 19:00:59	0.875	75.8	8.8
336	2010/07/09 19:01:05	1.000	80.7	8.8
337	2010/07/09 19:02:15	0.750	73.2	8.7
338	2010/07/09 19:07:48	0.875	74.4	10.7
339	2010/07/09 19:12:32	0.500	88.7	13.7
340	2010/07/09 19:19:11	1.000	83.6	9.7
341	2010/07/09 19:41:26	1.000	72.9	9.4
342	2010/07/09 19:45:16	1.000	79.8	10.8
343	2010/07/09 20:07:27	1.000	74.5	10.5
344	2010/07/09 20:14:26	0.750	77.9	10.5
345	2010/07/09 20:15:15	0.625	85.2	12.3
346	2010/07/09 20:20:26	1.000	71.0	9.5
347	2010/07/09 21:35:39	0.750	72.4	8.4
348	2010/07/09 21:35:40	0.750	71.8	7.2
349	2010/07/09 23:53:30	0.750	79.2	11.3

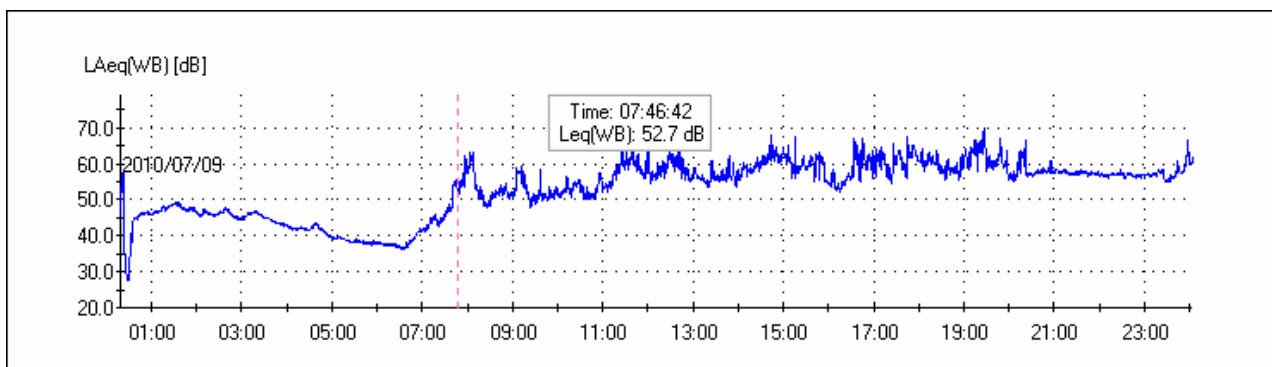
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

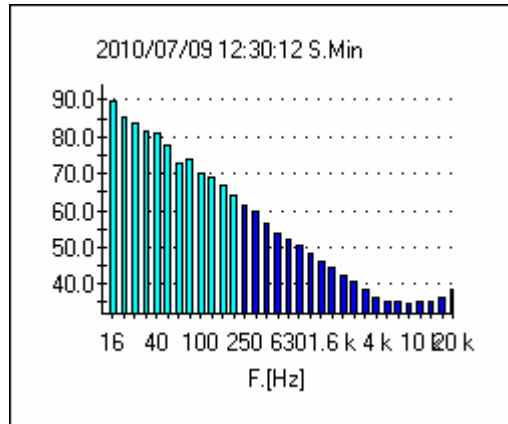
Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



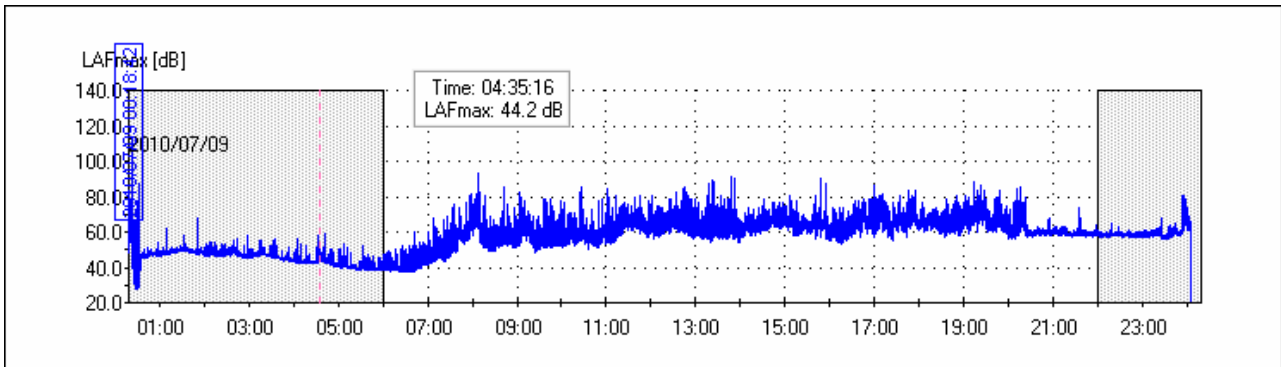
<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 1.6 k	0.1
Freq: 3.15 k	0.1
Freq: 4 k	0.0
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

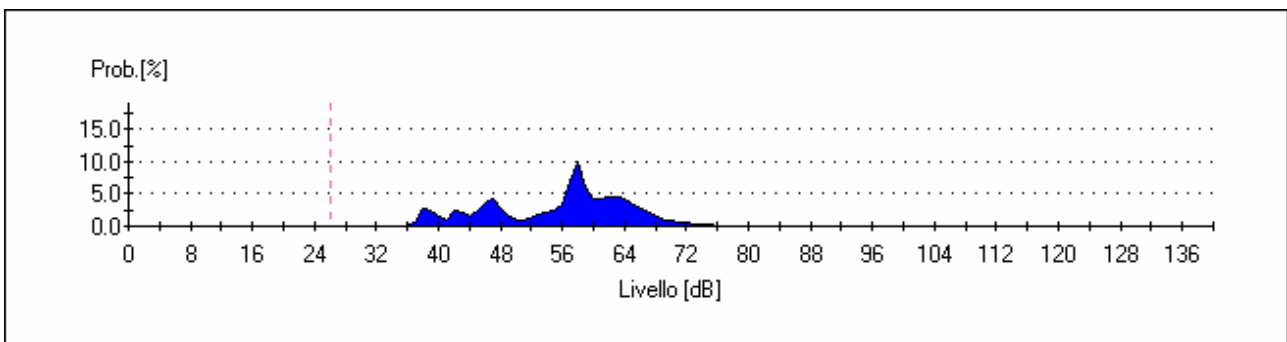
**TIME HISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

CUMULATIVA

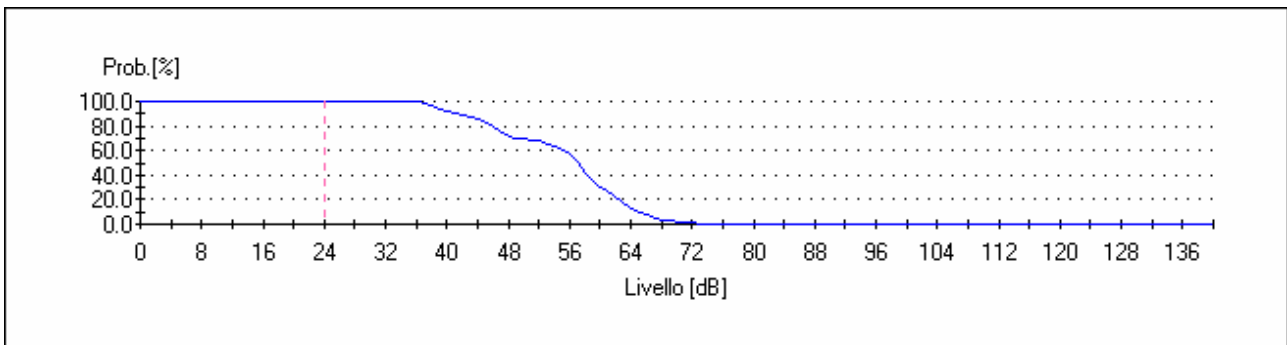
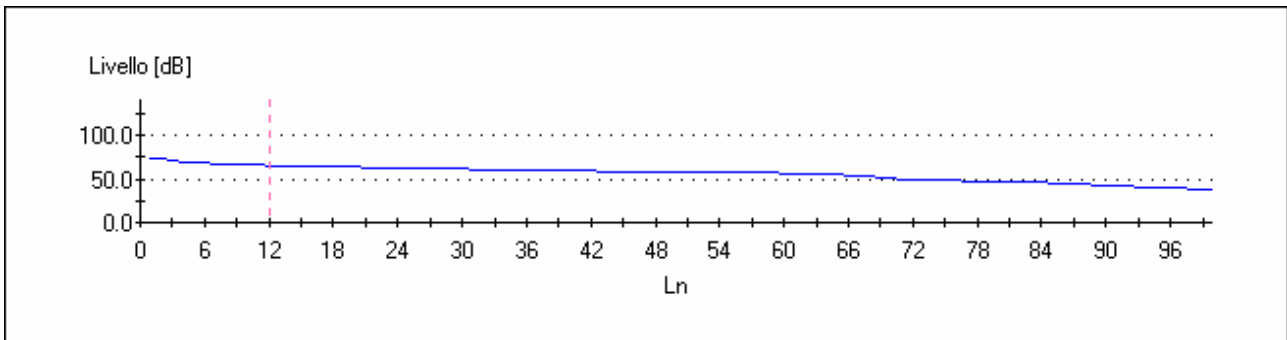


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Livelli statistici L1, L5, L10, L50, L90, L95, L99; nelle 24 ore

Percentile	Leq.[dB]
0	73.0
<b>1</b>	<b>73.0</b>
2	71.0
3	69.0
4	68.5
<b>5</b>	<b>68.0</b>
6	67.5
7	67.0
8	66.5
9	66.0
<b>10</b>	<b>65.8</b>
11	65.5
12	65.3
13	65.0
14	64.8
15	64.5
16	64.3
17	64.0
18	63.8
19	63.5
20	63.3
21	63.0
22	62.8
23	62.6
24	62.4
25	62.2
26	62.0
27	61.8
28	61.5



29	61.3
30	61.0
31	60.8
32	60.5
33	60.3
34	60.0
35	59.8
36	59.7
37	59.5
38	59.3
39	59.2
40	59.0
41	58.9
42	58.8
43	58.7
44	58.6
45	58.5
46	58.4
47	58.3
48	58.2
49	58.1
50	58.0
51	57.9
52	57.7
53	57.6
54	57.4
55	57.3
56	57.1
57	57.0
58	56.7
59	56.3
60	56.0

61	55.7
62	55.3
63	55.0
64	54.5
65	54.0
66	53.5
67	53.0
68	52.0
69	51.0
70	50.0
71	49.5
72	49.0
73	48.5
74	48.0
75	47.8
76	47.6
77	47.4
78	47.2
79	47.0
80	46.7
81	46.3
82	46.0
83	45.7
84	45.3
85	45.0
86	44.0
87	43.5
88	43.0
89	42.7
90	42.3
91	42.0
92	41.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	40.0
94	39.7
<b>95</b>	<b>39.3</b>
96	39.0
97	38.5
98	38.0
<b>99</b>	<b>37.0</b>

**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	73.0
<b>1</b>	<b>73.0</b>
2	72.0
3	71.0
4	70.0
<b>5</b>	<b>69.0</b>
6	68.5
7	68.0
8	67.7
9	67.3
<b>10</b>	<b>67.0</b>
11	66.8
12	66.5
13	66.3
14	66.0
15	65.8
16	65.5
17	65.3
18	65.0
19	64.8
20	64.7

21	64.5
22	64.3
23	64.2
24	64.0
25	63.9
26	63.7
27	63.6
28	63.4
29	63.3
30	63.1
31	63.0
32	62.9
33	62.7
34	62.6
35	62.4
36	62.3
37	62.1
38	62.0
39	61.8
40	61.7
41	61.5
42	61.3
43	61.2
44	61.0
45	60.8
46	60.6
47	60.4
48	60.2
49	60.0
50	59.9
51	59.8
52	59.6

53	59.5
54	59.4
55	59.3
56	59.1
57	59.0
58	58.9
59	58.8
60	58.7
61	58.6
62	58.5
63	58.4
64	58.3
65	58.2
66	58.1
67	58.0
68	57.8
69	57.6
70	57.4
71	57.2
72	57.0
73	56.8
74	56.6
75	56.4
76	56.2
77	56.0
78	55.7
79	55.3
80	55.0
81	54.8
82	54.5
83	54.3
84	54.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	53.5
86	53.0
87	52.5
88	52.0
89	51.0
90	50.0
91	49.0
92	47.0
93	45.0
94	43.0
95	42.0
96	39.0
97	38.5
98	38.0
99	37.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	66.0
1	66.0
2	63.0
3	61.0
4	60.0
5	59.7
6	59.3
7	59.0
8	58.9
9	58.8
10	58.7
11	58.6
12	58.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

13	58.3
14	58.2
15	58.1
16	58.0
17	57.9
18	57.8
19	57.7
20	57.6
21	57.4
22	57.3
23	57.2
24	57.1
25	57.0
26	56.5
27	56.0
28	52.0
29	50.0
30	49.7
31	49.3
32	49.0
33	48.9
34	48.8
35	48.6
36	48.5
37	48.4
38	48.3
39	48.1
40	48.0
41	47.9
42	47.8
43	47.8
44	47.7

45	47.6
46	47.5
47	47.4
48	47.3
49	47.3
50	47.2
51	47.1
52	47.0
53	46.9
54	46.8
55	46.7
56	46.6
57	46.5
58	46.4
59	46.3
60	46.2
61	46.1
62	46.0
63	45.8
64	45.7
65	45.5
66	45.3
67	45.2
68	45.0
69	44.8
70	44.5
71	44.3
72	44.0
73	43.8
74	43.6
75	43.4
76	43.2



77	43.0
78	42.8
79	42.7
80	42.5
81	42.3
82	42.2
83	42.0
84	41.0
85	40.8
86	40.6
87	40.4
88	40.2
89	40.0
90	39.8
91	39.7
92	39.5
93	39.3
94	39.2
95	39.0
96	38.7
97	38.3
98	38.0
99	32.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NELLE 24 ORE</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
118.1	104.9	113.6
98.1	84	93.1
89.9	80.8	85.6
95.9	83.4	91
93.5	80.3	88.7
82.9	77.2	80.5
<b>118.1</b>	<b>104.9</b>	<b>113.6</b>

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

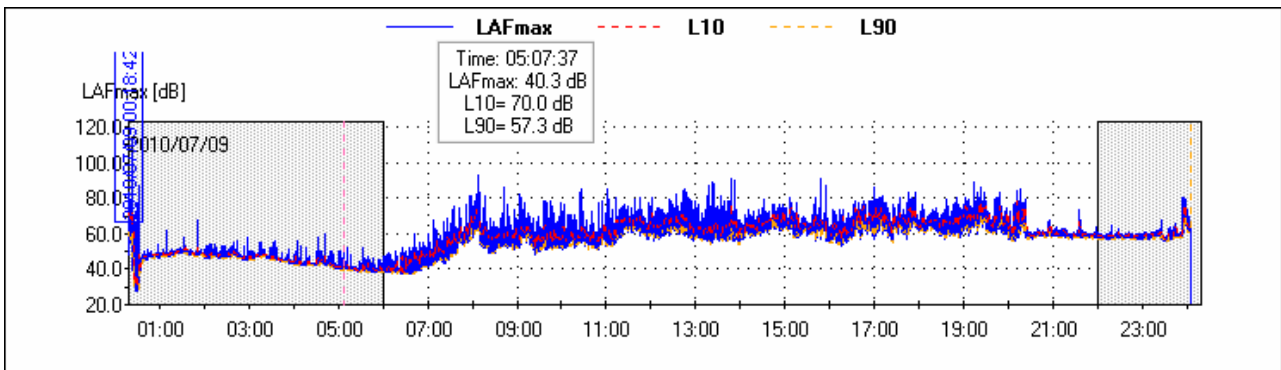
<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
98.1	84	93.1
89.9	80.8	85.6
95.9	83.4	91
93.5	80.3	88.7
75.9	67.8	73.2
<b>98.1</b>	<b>84</b>	<b>93.1</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

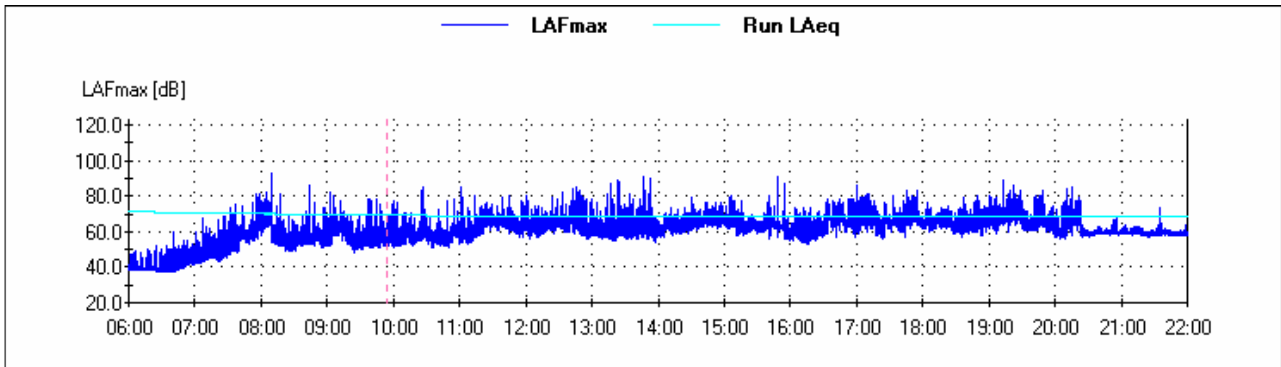
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
118.1	104.9	113.6
60.1	56.6	59.4
82.9	77.2	80.5
<b>118.1</b>	<b>104.9</b>	<b>113.6</b>

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

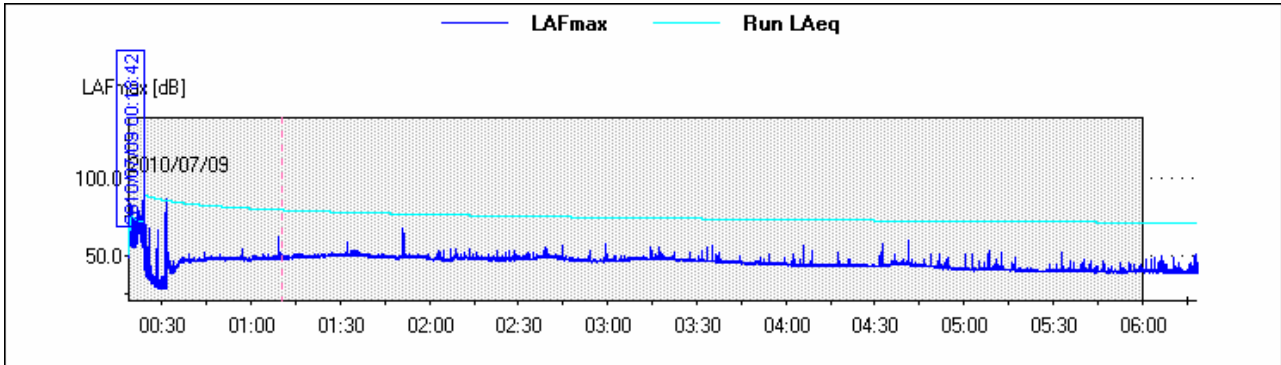
TIME HISTORY L10 – L90



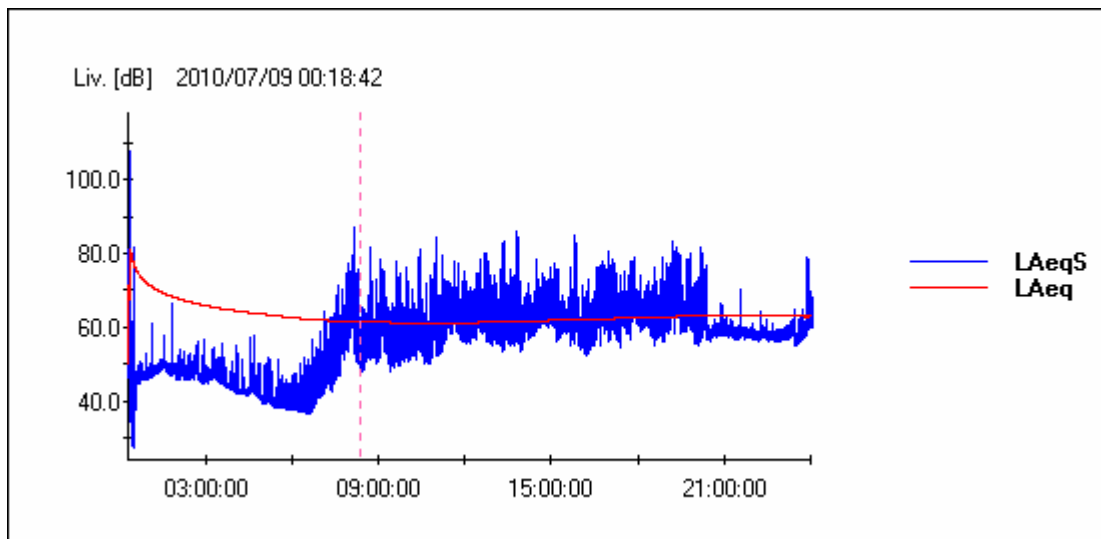
RUNNING Leq DIURNO



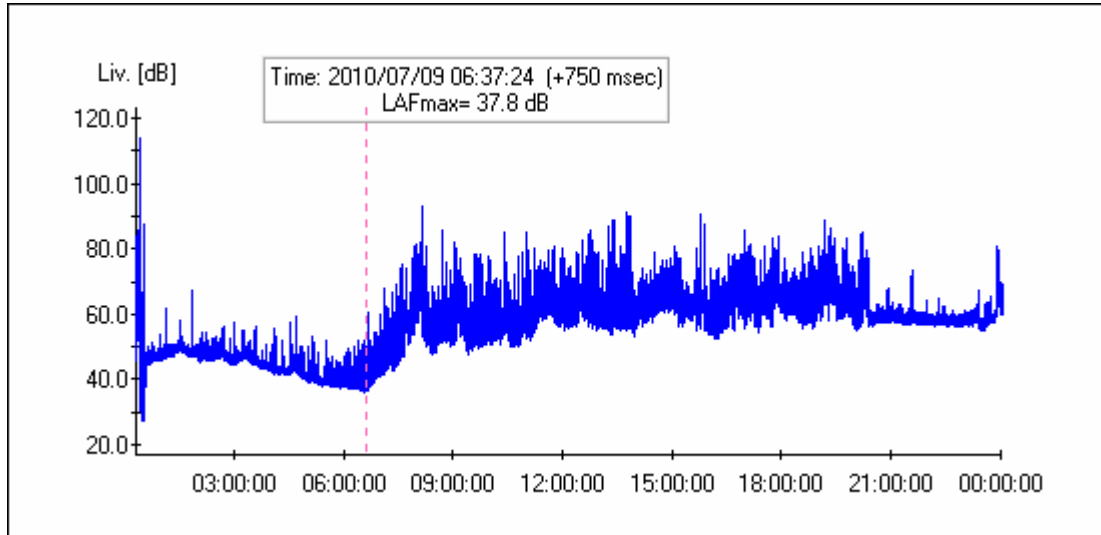
RUNNING Leq DIURNO



LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

R3 - MISURE DI 7 GIORNI CON POSTAZIONE FISSA		
Punto	Ricettore	Indirizzo
	R_22_S	A20
<i>Descrizione del punto di misura</i>		
L'asta estensibile con il microfono posto all'altezza di mt. 4,00 dal piano di campagna è stata collocata nell'aiuola adiacente l'ingresso al parcheggio dell'autostrada A20 direzione Messina - Palermo		

Caratterizzazione del punto di misura/ricettore				
Zonizzazione acustica e limiti diurni/notturni				
<input type="checkbox"/>	Classe I	50 / 40 dB(a)		
<input type="checkbox"/>	Classe II	55 / 45 dB(a)		
<input checked="" type="checkbox"/>	Classe III	60 / 50 dB(a)		
<input type="checkbox"/>	Classe IV	65 / 55 dB(a)		
<input type="checkbox"/>	Classe V	70 / 60 dB(a)		
<input type="checkbox"/>	Classe VI	70 / 70 dB(a)		
Caratterizzazione delle sorgenti di rumore				
Tipologia CNR				
Pavimentazione	<input checked="" type="checkbox"/>	Conglomerato bituminoso chiuso	<input type="checkbox"/>	Fonoassorbente
	<input type="checkbox"/>	Conglomerato bituminoso aperto	<input type="checkbox"/>	altro
Note Eventuali				
Strumentazione adottata				
Fonometro modello HD 2110 Classe 1, numero di serie 10060132243, - preamplificatore HD 2110 P, - microfono MK 221, numero di serie 34208 - Calibratore HD 2020 Classe 1 090 29825				

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore	Indirizzo
	<b>R_22_S</b>	<b>A20</b>

Sintesi misure ( ante e post mascheramenti eventi anomali o sorgenti regolamentate da DPR)								
	Lun	Mar	Mer	Gio	Ven	Sab	Dom	SETT
Data	<b>12-lug</b>	<b>13-lug</b>	<b>14-lug</b>	<b>15-lug</b>	<b>16-lug</b>	<b>17-lug</b>	<b>11-lug</b>	
Laeq 6-22h (grn) [dBA]	<b>69.2</b>	<b>61.9</b>	<b>65</b>	<b>58</b>	<b>57.3</b>	<b>63.5</b>	<b>72.4</b>	<b>63.9</b>
Laeq 22-6h (ntt) [dBA]	<b>67.9</b>	<b>60.6</b>	<b>64.6</b>	<b>58.3</b>	<b>54.4</b>	<b>52.2</b>	<b>64.9</b>	<b>60.41</b>

RISULTATI MISURE - periodo <b>DIURNO</b> (6/22h)								
Parametri	Lun	Mar	Mer	Gio	Ven	Sab	Dom	SETT
Data	<b>12-lug</b>	<b>13-lug</b>	<b>14-lug</b>	<b>15-lug</b>	<b>16-lug</b>	<b>17-lug</b>	<b>11-lug</b>	
Note								
LAeq. TM [dBA]	<b>69.2</b>	<b>61.9</b>	<b>65.0</b>	<b>58.0</b>	<b>57.3</b>	<b>63.5</b>	<b>72.4</b>	<b>63.90</b>
L1 [dBA]	<b>80.0</b>	<b>70.0</b>	<b>71.0</b>	<b>67.0</b>	<b>63.0</b>	<b>75.0</b>	<b>85.0</b>	<b>73.00</b>
L5 [dBA]	<b>73.0</b>	<b>66.5</b>	<b>69.3</b>	<b>61.5</b>	<b>60.0</b>	<b>63.0</b>	<b>75.0</b>	<b>66.90</b>
L10 [dBA]	<b>66.5</b>	<b>64.5</b>	<b>68.2</b>	<b>59.5</b>	<b>59.0</b>	<b>59.3</b>	<b>71.5</b>	<b>64.07</b>
L50 [dBA]	<b>60.0</b>	<b>59.1</b>	<b>63.6</b>	<b>56.2</b>	<b>56.0</b>	<b>55.2</b>	<b>62.9</b>	<b>59.00</b>
L90 [dBA]	<b>56.0</b>	<b>56.2</b>	<b>59.7</b>	<b>53.9</b>	<b>53.3</b>	<b>49.3</b>	<b>57.4</b>	<b>55.11</b>
L95 [dBA]	<b>55.0</b>	<b>55.4</b>	<b>57.8</b>	<b>53.3</b>	<b>52.5</b>	<b>48.0</b>	<b>56.0</b>	<b>54.00</b>
L99 [dBA]	<b>53.0</b>	<b>54.0</b>	<b>56.0</b>	<b>52.0</b>	<b>51.0</b>	<b>46.0</b>	<b>53.0</b>	<b>52.14</b>
Ll max [dBA]	<b>106.7</b>	<b>94.7</b>	<b>92.3</b>	<b>85.6</b>	<b>92.0</b>	<b>101.9</b>	<b>107.3</b>	<b>97.21</b>
LF max [dBA]	<b>103.2</b>	<b>89.9</b>	<b>88.0</b>	<b>80.7</b>	<b>90.2</b>	<b>98.2</b>	<b>102.4</b>	<b>93.23</b>
Ls max [dBA]	<b>98.7</b>	<b>81.5</b>	<b>79.5</b>	<b>74.5</b>	<b>85.7</b>	<b>92.9</b>	<b>95.5</b>	<b>86.90</b>
Kl [dBA]	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kt [dBA]	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Laeq.TRC [dBA]	<b>69.2</b>	<b>61.9</b>	<b>65</b>	<b>58</b>	<b>57.3</b>	<b>63.5</b>	<b>72.4</b>	<b>63.90</b>

Note:

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore	Indirizzo
	<b>R_22_S</b>	<b>A20</b>

Data	12-lug	13-lug	14-lug	15-lug	16-lug	17-lug	11-lug	
Sorgente stradale MESSINA - PALERMO								
	Lun	Mar	Mer	Gio	Ven	Sab	Dom	SETT
Veic. Leggeri/h	<b>420</b>	<b>423</b>	<b>403</b>	<b>452</b>	<b>499</b>	<b>612</b>	<b>595</b>	<b>486.3</b>
Veic. Pesanti/h	<b>338</b>	<b>362</b>	<b>400</b>	<b>360</b>	<b>406</b>	<b>221</b>	<b>110</b>	<b>313.9</b>
Motocicli/h	<b>16</b>	<b>25</b>	<b>19</b>	<b>26</b>	<b>30</b>	<b>23</b>	<b>15</b>	<b>22</b>
Sorgente stradale PALERMO - MESSINA								
	Lun	Mar	Mer	Gio	Ven	Sab	Dom	SETT
Veic. Leggeri/h	<b>379</b>	<b>463</b>	<b>388</b>	<b>425</b>	<b>416</b>	<b>504</b>	<b>576</b>	<b>450.4</b>
Veic. Pesanti/h	<b>302</b>	<b>347</b>	<b>131</b>	<b>163</b>	<b>172</b>	<b>84</b>	<b>43</b>	<b>177.3</b>
Motocicli/h	<b>21</b>	<b>17</b>	<b>13</b>	<b>17</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>18.71</b>

Parametri meteorologici						
		6-9h	9-14h	14-19h	19-22h	Media
LUNEDI' 12-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>24</b>	<b>34</b>	<b>30.1</b>	<b>26.5</b>	28.65
	Umidità relativa	<b>42</b>	<b>45</b>	<b>52</b>	<b>50</b>	47.25
	Velocità vento	<b>1.2</b>	<b>2.1</b>	<b>2.3</b>	<b>1.8</b>	1.85
	Direzione vento	<b>E</b>	<b>N</b>	<b>E</b>	<b>NNE</b>	
		6-9h	9-14h	14-19h	19-22h	Media
MARTEDI 13-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>22.2</b>	<b>33.1</b>	<b>27</b>	<b>25.4</b>	26.925
	Umidità relativa	<b>72</b>	<b>68</b>	<b>65</b>	<b>73</b>	69.5
	Velocità vento	<b>2.1</b>	<b>2.8</b>	<b>3.1</b>	<b>2.8</b>	2.7
	Direzione vento	<b>N</b>	<b>N</b>	<b>NE</b>	<b>N-NE</b>	



Punto	Ricettore	Indirizzo
	<b>R_22_S</b>	<b>A20</b>

		6-9h	9-14h	14-19h	19-22h	Media
MERCOLEDI 14-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>18.9</b>	<b>26.2</b>	<b>29.6</b>	<b>23.6</b>	24.575
	Umidità relativa	<b>73</b>	<b>64</b>	<b>72</b>	<b>77</b>	71.5
	Velocità vento	<b>2.6</b>	<b>1.8</b>	<b>1.6</b>	<b>0.7</b>	1.675
	Direzione vento	<b>W</b>	<b>W</b>	<b>N</b>	<b>N</b>	
		6-9h	9-14h	14-19h	19-22h	Media
GIOVEDÌ 15-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>21.4</b>	<b>35</b>	<b>32</b>	<b>28.6</b>	29.25
	Umidità relativa	<b>85</b>	<b>77</b>	<b>73</b>	<b>68</b>	75.75
	Velocità vento	<b>2.1</b>	<b>3.2</b>	<b>4.6</b>	<b>2.8</b>	3.175
	Direzione vento	<b>E-NE</b>	<b>N-NE</b>	<b>NE</b>	<b>NE</b>	
		6-9h	9-14h	14-19h	19-22h	Media
VENERDÌ 16-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>19.6</b>	<b>27.2</b>	<b>33.1</b>	<b>28.4</b>	27.075
	Umidità relativa	<b>75</b>	<b>73</b>	<b>68</b>	<b>55</b>	67.75
	Velocità vento	<b>0.5</b>	<b>1.6</b>	<b>3.2</b>	<b>4.6</b>	2.475
	Direzione vento	<b>S E</b>	<b>S E</b>	<b>E</b>	<b>S E</b>	
		6-9h	9-14h	14-19h	19-22h	Media
SABATO 17-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>18.9</b>	<b>25.2</b>	<b>29.6</b>	<b>28.1</b>	25.45
	Umidità relativa	<b>82</b>	<b>76</b>	<b>68</b>	<b>72</b>	74.5
	Velocità vento	<b>0.3</b>	<b>1.8</b>	<b>2.2</b>	<b>1.5</b>	1.45
	Direzione vento	<b>E S E</b>	<b>E</b>	<b>NE</b>	<b>N-NE</b>	
		6-9h	9-14h	14-19h	19-22h	Media
DOMENICA 11-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>	
	Temperatura	<b>20.6</b>	<b>25.6</b>	<b>28.6</b>	<b>26.5</b>	25.325
	Umidità relativa	<b>65</b>	<b>51</b>	<b>40</b>	<b>66</b>	55.5
	Velocità vento	<b>0.8</b>	<b>1.6</b>	<b>3.8</b>	<b>0.8</b>	1.75
	Direzione vento	<b>N</b>	<b>N-N E</b>	<b>N-N E</b>	<b>S E</b>	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

	<b>Ricettore</b> <b>R_22_S</b>	<b>Indirizzo</b> <b>A20</b>
--	-----------------------------------	--------------------------------

RISULTATI MISURE - periodo <b>NOTTURNO</b> (22/6h)								
Parametri	Lun	Mar	Mer	Gio	Ven	Sab	Dom	SETT
Data	<b>12-lug</b>	<b>13-lug</b>	<b>14-lug</b>	<b>15-lug</b>	<b>16-lug</b>	<b>17-lug</b>	<b>11-lug</b>	
Note								
LAeq. TM [dBA]	<b>67.9</b>	<b>60.6</b>	<b>64.6</b>	<b>58.3</b>	<b>54.4</b>	<b>52.2</b>	<b>64.9</b>	<b>60.41</b>
L1 [dBA]	<b>79.0</b>	<b>68.0</b>	<b>74.0</b>	<b>67.0</b>	<b>59.0</b>	<b>58.0</b>	<b>75.0</b>	<b>68.57</b>
L5 [dBA]	<b>71.0</b>	<b>64.0</b>	<b>70.0</b>	<b>60.5</b>	<b>57.3</b>	<b>56.8</b>	<b>70.5</b>	<b>64.30</b>
L10 [dBA]	<b>66.5</b>	<b>62.7</b>	<b>68.0</b>	<b>58.8</b>	<b>56.3</b>	<b>55.7</b>	<b>68.0</b>	<b>62.29</b>
L50 [dBA]	<b>58.8</b>	<b>58.0</b>	<b>59.1</b>	<b>55.3</b>	<b>53.7</b>	<b>49.7</b>	<b>58.1</b>	<b>56.10</b>
L90 [dBA]	<b>53.8</b>	<b>55.1</b>	<b>55.0</b>	<b>52.7</b>	<b>51.3</b>	<b>47.7</b>	<b>54.7</b>	<b>52.90</b>
L95 [dBA]	<b>52.8</b>	<b>54.0</b>	<b>54.0</b>	<b>52.2</b>	<b>50.8</b>	<b>47.3</b>	<b>53.8</b>	<b>52.13</b>
L99 [dBA]	<b>51.0</b>	<b>52.0</b>	<b>51.0</b>	<b>51.0</b>	<b>49.0</b>	<b>46.0</b>	<b>52.0</b>	<b>50.29</b>
Ll max [dBA]	<b>102.4</b>	<b>94.6</b>	<b>92.5</b>	<b>106.1</b>	<b>82.0</b>	<b>77.7</b>	<b>97.1</b>	<b>93.20</b>
LF max [dBA]	<b>97.4</b>	<b>91.4</b>	<b>88.7</b>	<b>101.4</b>	<b>78.1</b>	<b>68.3</b>	<b>92.5</b>	<b>88.26</b>
Ls max [dBA]	<b>90.7</b>	<b>83.8</b>	<b>94.6</b>	<b>92.8</b>	<b>70.8</b>	<b>74.8</b>	<b>84.0</b>	<b>84.50</b>
Kl [dBA]	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kt [dBA]	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kb [dBA]	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Laeq.TRC [dBA]	<b>67.9</b>	<b>60.6</b>	<b>64.6</b>	<b>58.3</b>	<b>54.4</b>	<b>52.2</b>	<b>64.9</b>	<b>60.41</b>

Note:

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0

Punto	Ricettore	Indirizzo
	<b>R_22_S</b>	<b>A20</b>

Parametri meteorologici				
		22-2h	2-6h	Media
LUNEDI' 12-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>22.1</b>	<b>18.5</b>	20.3
	Umidità relativa	<b>58</b>	<b>65</b>	61.5
	Velocità vento	<b>1.3</b>	<b>1.8</b>	1.55
	Direzione vento	<b>S-E</b>	<b>W</b>	
		22-2h	2-6h	Media
MARTEDI 13-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>20</b>	<b>16</b>	18
	Umidità relativa	<b>66</b>	<b>68</b>	67
	Velocità vento	<b>2.1</b>	<b>2.5</b>	2.3
	Direzione vento	<b>NE</b>	<b>W</b>	
		22-2h	2-6h	Media
MERCOLEDI 14-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>18.2</b>	<b>17.9</b>	18.05
	Umidità relativa	<b>81</b>	<b>83</b>	82
	Velocità vento	<b>0.2</b>	<b>1.4</b>	0.8
	Direzione vento	<b>N-NW</b>	<b>N-NE</b>	
		22-2h	2-6h	Media
GIOVEDI 15-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>23.1</b>	<b>20.4</b>	21.75
	Umidità relativa	<b>75</b>	<b>82</b>	78.5
	Velocità vento	<b>1.9</b>	<b>0.8</b>	1.35
	Direzione vento	<b>N</b>	<b>E-NE</b>	

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2		Codice documento AS0105_F0.docx	Rev F0	Data 20/06/2011

Punto	Ricettore <b>R_22_S</b>	Indirizzo <b>A20</b>
-------	----------------------------	-------------------------

		22-2h	2-6h	Media
VENERDI 16-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>19.3</b>	<b>18.1</b>	18.7
	Umidità relativa	<b>86</b>	<b>75</b>	80.5
	Velocità vento	<b>1.8</b>	<b>1.5</b>	1.65
	Direzione vento	<b>N</b>	<b>NE</b>	
		22-2h	2-6h	Media
SABATO 17-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>22</b>	<b>21.5</b>	21.75
	Umidità relativa	<b>47</b>	<b>43</b>	45
	Velocità vento	<b>1.1</b>	<b>1.8</b>	1.45
	Direzione vento	<b>N</b>	<b>N</b>	
		22-2h	2-6h	Media
DOMENICA 11-lug	Condizioni cielo	<b>sereno</b>	<b>sereno</b>	<b>sereno</b>
	Temperatura	<b>21.6</b>	<b>20.1</b>	20.85
	Umidità relativa	<b>68</b>	<b>62</b>	65
	Velocità vento	<b>1.1</b>	<b>0.3</b>	0.7
	Direzione vento	<b>N-NE</b>	<b>N N E</b>	

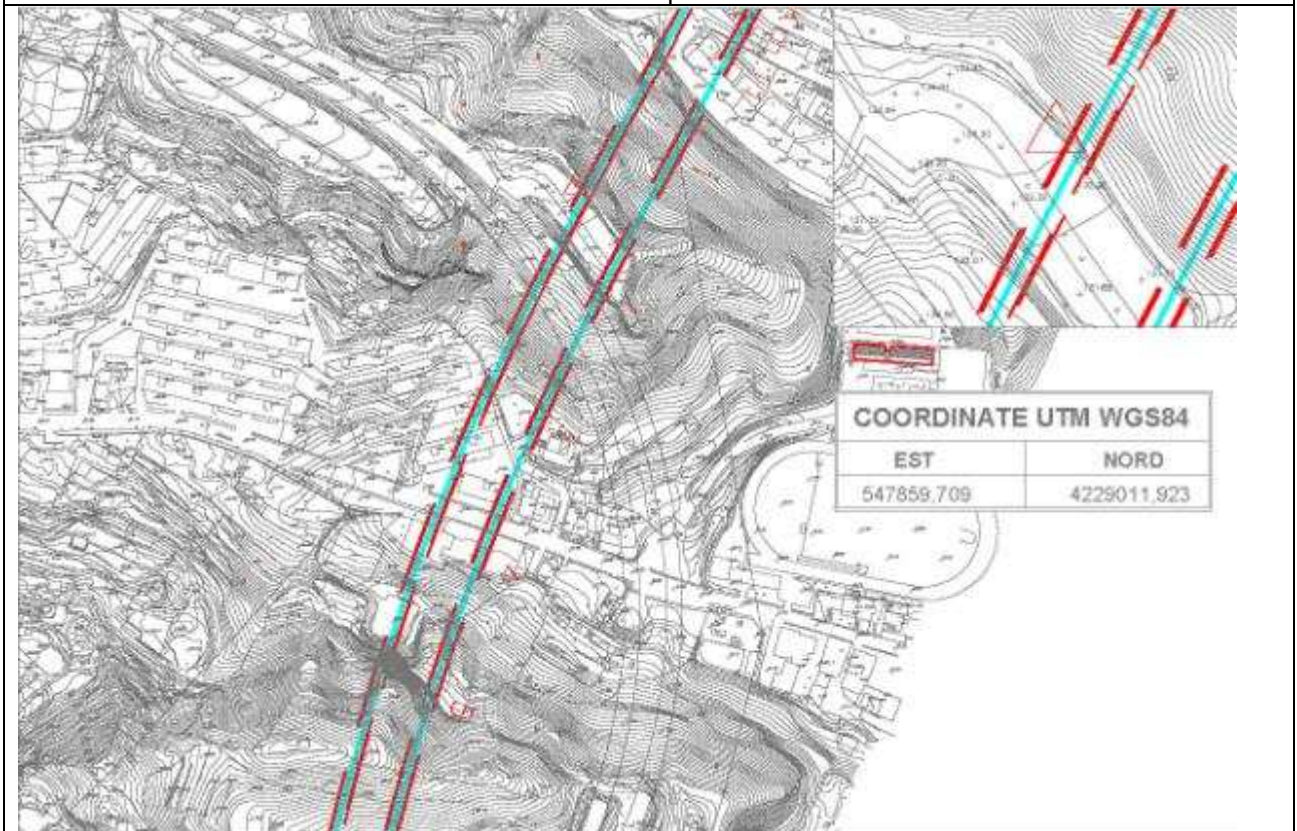
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>Punto</b>	<b>Ricettore</b> <b>R_22_S</b>	<b>Indirizzo</b> <b>A20</b>
--------------	-----------------------------------	--------------------------------



Punto	Ricettore	Indirizzo
	<b>R_22_S</b>	<b>A20</b>

Localizzazione planimetrica



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

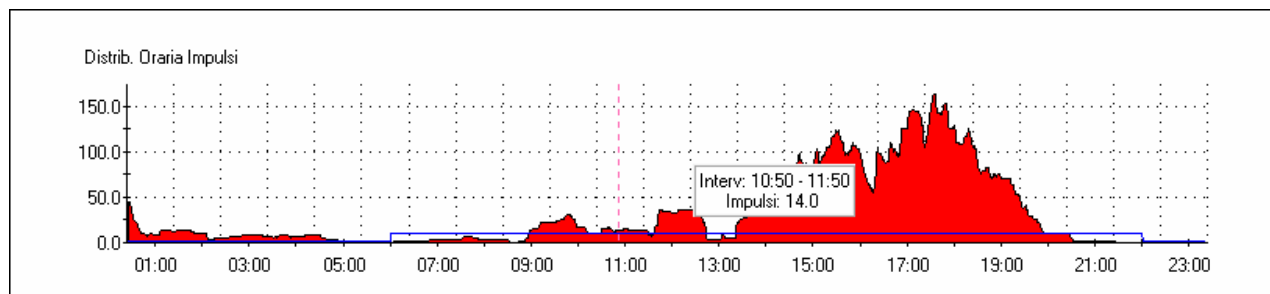
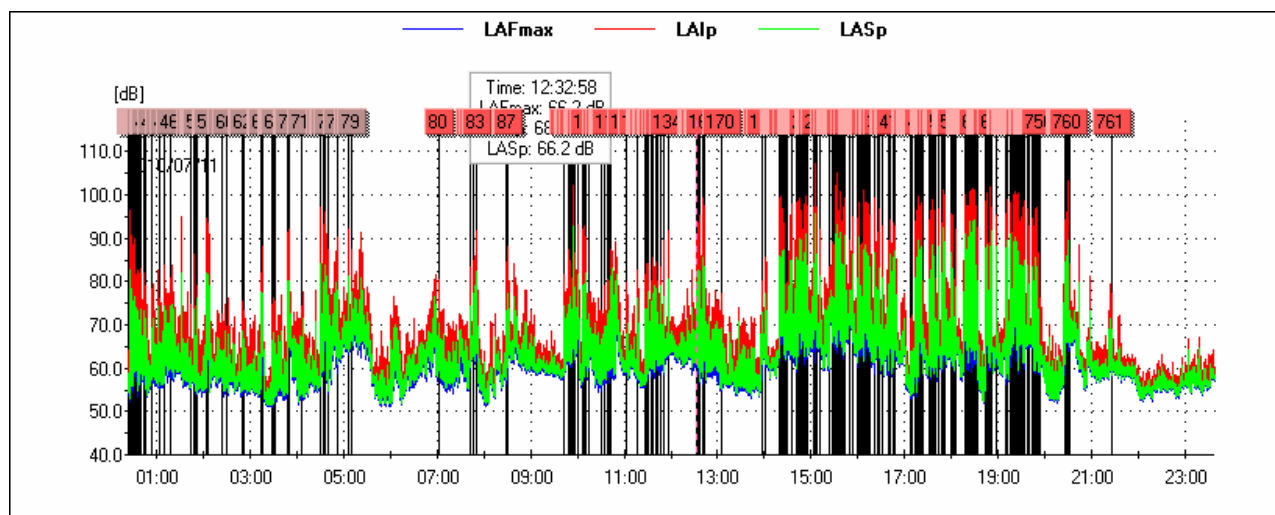
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/11 00:25:49	0.625	89.2	13.5
2	2010/07/11 00:26:30	0.625	91.4	13.9
3	2010/07/11 00:26:35	0.625	78.8	11.4
4	2010/07/11 00:26:39	0.750	79.6	9.4
5	2010/07/11 00:26:40	0.500	83.0	11.7
6	2010/07/11 00:26:41	0.625	79.8	11.0
7	2010/07/11 00:26:41	0.625	81.3	10.3
8	2010/07/11 00:26:44	0.500	83.0	12.0
9	2010/07/11 00:26:46	0.625	83.3	12.6
10	2010/07/11 00:27:21	0.625	85.7	12.2
11	2010/07/11 00:27:57	0.750	81.8	13.0
12	2010/07/11 00:28:09	0.625	82.4	12.7
13	2010/07/11 00:28:24	0.875	79.3	11.0
14	2010/07/11 00:28:25	0.750	79.5	9.6
15	2010/07/11 00:28:28	0.625	84.5	12.2
16	2010/07/11 00:28:42	0.625	82.7	12.6
17	2010/07/11 00:28:55	1.000	77.4	12.0
18	2010/07/11 00:29:06	1.000	79.0	12.2
19	2010/07/11 00:29:34	0.500	83.9	12.9
20	2010/07/11 00:30:23	0.875	79.3	10.1
21	2010/07/11 00:30:28	0.625	80.6	11.2
22	2010/07/11 00:30:48	0.500	85.5	13.5
23	2010/07/11 00:32:24	0.625	78.8	11.7
24	2010/07/11 00:34:01	0.750	77.6	9.1
25	2010/07/11 00:34:08	0.750	77.4	11.7
26	2010/07/11 00:34:35	0.875	73.4	10.6
27	2010/07/11 00:35:46	0.625	79.6	9.6
28	2010/07/11 00:35:48	0.750	76.6	8.8
29	2010/07/11 00:35:59	0.750	74.9	11.0
30	2010/07/11 00:36:02	0.625	73.3	11.2



31	2010/07/11 00:37:42	1.000	69.4	9.9
32	2010/07/11 00:37:58	1.000	73.1	9.4
33	2010/07/11 00:38:35	0.875	72.9	8.7
34	2010/07/11 00:38:59	0.750	77.9	10.0
35	2010/07/11 00:39:16	0.625	78.3	12.5
36	2010/07/11 00:43:34	0.625	74.8	9.5
37	2010/07/11 00:43:45	1.000	77.3	8.9
38	2010/07/11 00:44:18	0.875	77.7	9.7
39	2010/07/11 00:44:56	0.750	71.3	7.1
40	2010/07/11 00:45:35	0.625	75.3	11.2
41	2010/07/11 00:46:27	0.875	75.1	12.0
42	2010/07/11 00:53:53	0.750	75.2	9.9
43	2010/07/11 00:54:40	0.875	70.7	9.4
44	2010/07/11 01:04:16	0.625	72.9	10.0
45	2010/07/11 01:10:29	1.000	74.3	8.5
46	2010/07/11 01:18:22	0.625	77.2	9.2
47	2010/07/11 01:43:01	0.625	68.1	11.6
48	2010/07/11 01:43:04	0.875	70.9	10.8
49	2010/07/11 01:47:02	0.625	73.3	12.4
50	2010/07/11 01:47:27	0.500	82.1	12.6
51	2010/07/11 01:50:10	0.625	69.1	11.6
52	2010/07/11 01:51:54	1.000	70.9	8.8
53	2010/07/11 02:03:59	0.625	89.8	13.3
54	2010/07/11 02:04:30	0.500	87.2	12.9
55	2010/07/11 02:04:35	0.625	88.5	12.7
56	2010/07/11 02:04:41	0.625	86.6	12.1
57	2010/07/11 02:04:51	0.750	85.6	11.0
58	2010/07/11 02:04:53	0.875	89.2	12.2
59	2010/07/11 02:24:04	0.875	68.8	8.7
60	2010/07/11 02:29:47	0.875	68.1	7.5
61	2010/07/11 02:50:49	1.000	70.6	7.3
62	2010/07/11 02:51:21	1.000	70.8	7.6

63	2010/07/11 03:13:41	1.000	78.7	10.6
64	2010/07/11 03:15:52	0.625	84.0	10.9
65	2010/07/11 03:28:36	1.000	73.1	8.3
66	2010/07/11 03:30:22	1.000	73.5	8.1
67	2010/07/11 03:32:35	0.625	71.8	9.9
68	2010/07/11 03:48:34	0.625	87.0	11.7
69	2010/07/11 03:48:56	0.625	86.3	11.5
70	2010/07/11 03:50:37	0.875	87.0	12.1
71	2010/07/11 04:06:04	0.625	70.2	10.3
72	2010/07/11 04:30:43	1.000	85.1	11.1
73	2010/07/11 04:30:51	0.625	92.5	13.1
74	2010/07/11 04:33:30	0.500	88.4	13.6
75	2010/07/11 04:36:22	1.000	90.2	10.1
76	2010/07/11 04:40:08	0.750	83.1	12.0
77	2010/07/11 04:51:26	0.750	77.3	7.9
78	2010/07/11 05:06:09	0.750	88.4	10.8
79	2010/07/11 05:09:52	0.875	84.6	10.0
80	2010/07/11 07:02:17	0.625	76.6	10.2
81	2010/07/11 07:43:16	0.875	80.3	8.1
82	2010/07/11 07:47:20	1.000	80.0	9.8
83	2010/07/11 07:50:34	0.750	87.0	10.8
84	2010/07/11 08:29:13	1.000	72.2	6.8
85	2010/07/11 08:29:28	1.000	80.0	10.9
86	2010/07/11 08:29:41	0.750	82.6	10.9
87	2010/07/11 08:31:13	0.875	84.1	10.5
88	2010/07/11 09:42:38	0.750	78.5	7.9
89	2010/07/11 09:48:29	0.500	82.9	12.4
90	2010/07/11 09:51:06	1.000	81.2	8.4
91	2010/07/11 09:51:29	1.000	79.3	9.6
92	2010/07/11 09:51:46	0.625	76.7	11.4
93	2010/07/11 09:51:54	1.000	76.9	7.7
94	2010/07/11 09:54:22	0.750	83.3	11.8

95	2010/07/11 09:55:15	1.000	96.0	10.3
96	2010/07/11 09:55:20	0.625	94.5	13.8
97	2010/07/11 09:55:29	0.500	94.4	9.0
98	2010/07/11 09:55:30	0.875	96.6	8.6
99	2010/07/11 09:55:34	0.875	93.8	9.1
100	2010/07/11 09:55:37	1.000	93.2	9.6
101	2010/07/11 09:56:32	0.750	83.0	8.7
102	2010/07/11 09:59:54	0.750	89.1	11.9
103	2010/07/11 10:07:22	0.625	79.2	12.0
104	2010/07/11 10:07:41	0.625	77.4	14.5
105	2010/07/11 10:08:42	0.875	74.1	8.6
106	2010/07/11 10:09:03	0.750	82.9	10.8
107	2010/07/11 10:09:17	0.500	88.1	13.1
108	2010/07/11 10:09:50	1.000	79.0	12.1
109	2010/07/11 10:10:39	0.750	78.9	11.7
110	2010/07/11 10:14:18	0.750	74.3	8.0
111	2010/07/11 10:30:21	0.750	69.9	7.2
112	2010/07/11 10:35:15	0.750	75.8	11.4
113	2010/07/11 10:38:42	0.750	74.2	7.9
114	2010/07/11 10:40:22	1.000	76.2	9.2
115	2010/07/11 10:41:21	0.875	77.4	9.0
116	2010/07/11 10:41:30	1.000	74.8	7.5
117	2010/07/11 10:41:52	0.875	78.3	8.0
118	2010/07/11 10:43:40	0.875	78.3	10.4
119	2010/07/11 10:43:43	0.875	73.4	6.9
120	2010/07/11 11:02:46	0.625	74.5	12.7
121	2010/07/11 11:16:57	1.000	81.3	6.3
122	2010/07/11 11:27:02	1.000	73.0	10.4
123	2010/07/11 11:28:00	0.750	74.3	9.8
124	2010/07/11 11:28:41	1.000	79.3	12.1
125	2010/07/11 11:28:44	0.625	76.0	7.4
126	2010/07/11 11:29:57	0.875	75.9	8.9

127	2010/07/11 11:31:42	0.875	75.5	8.9
128	2010/07/11 11:35:48	1.000	72.4	12.2
129	2010/07/11 11:36:22	0.625	79.4	10.3
130	2010/07/11 11:41:31	0.875	77.8	9.4
131	2010/07/11 11:43:28	0.625	77.3	8.4
132	2010/07/11 11:46:24	0.625	77.9	8.8
133	2010/07/11 11:50:22	0.750	85.1	13.2
134	2010/07/11 11:56:59	0.875	87.1	11.1
135	2010/07/11 12:32:24	0.750	85.0	9.7
136	2010/07/11 12:32:25	0.875	84.0	7.1
137	2010/07/11 12:34:11	0.750	80.4	9.5
138	2010/07/11 12:35:19	0.875	83.4	10.2
139	2010/07/11 12:35:57	0.750	84.5	11.4
140	2010/07/11 12:35:59	0.625	88.0	12.4
141	2010/07/11 12:36:01	0.875	75.4	12.0
142	2010/07/11 12:36:15	0.875	78.7	8.3
143	2010/07/11 12:36:18	0.625	90.5	13.7
144	2010/07/11 12:36:48	0.500	89.8	13.7
145	2010/07/11 12:36:59	0.625	82.5	13.1
146	2010/07/11 12:37:07	0.625	79.5	12.0
147	2010/07/11 12:37:08	1.000	76.7	9.3
148	2010/07/11 12:37:42	0.500	84.7	13.3
149	2010/07/11 12:40:14	0.500	88.8	12.0
150	2010/07/11 12:40:18	0.750	74.3	11.0
151	2010/07/11 12:40:21	0.750	75.1	9.7
152	2010/07/11 12:40:31	1.000	79.7	11.8
153	2010/07/11 12:40:34	0.500	80.0	11.5
154	2010/07/11 12:40:40	0.500	86.2	13.1
155	2010/07/11 12:40:47	0.750	92.2	14.0
156	2010/07/11 12:40:55	0.750	79.5	11.8
157	2010/07/11 12:41:12	0.625	93.6	13.7
158	2010/07/11 12:41:13	0.750	90.3	11.3

159	2010/07/11 12:41:17	0.625	77.3	9.6
160	2010/07/11 12:41:18	0.625	75.9	9.8
161	2010/07/11 12:41:19	0.625	74.0	8.9
162	2010/07/11 12:41:49	0.875	85.4	12.0
163	2010/07/11 12:41:50	0.750	83.1	9.1
164	2010/07/11 12:41:56	0.625	94.6	13.7
165	2010/07/11 12:42:05	0.750	72.9	9.0
166	2010/07/11 12:42:15	0.500	92.6	14.0
167	2010/07/11 12:42:16	0.875	86.7	13.7
168	2010/07/11 13:04:05	1.000	67.4	9.1
169	2010/07/11 13:05:19	0.750	72.8	10.2
170	2010/07/11 13:05:22	0.875	73.4	10.2
171	2010/07/11 13:57:45	1.000	73.4	8.4
172	2010/07/11 14:00:19	0.625	80.9	13.0
173	2010/07/11 14:00:31	0.750	78.0	11.2
174	2010/07/11 14:01:34	0.750	78.7	8.4
175	2010/07/11 14:01:39	0.750	79.9	10.3
176	2010/07/11 14:19:00	0.875	80.1	11.6
177	2010/07/11 14:19:03	0.500	80.5	10.2
178	2010/07/11 14:19:18	0.875	86.9	10.0
179	2010/07/11 14:19:26	0.625	82.6	12.4
180	2010/07/11 14:19:29	0.750	82.0	11.8
181	2010/07/11 14:19:41	0.875	94.1	13.6
182	2010/07/11 14:19:42	0.625	89.7	10.7
183	2010/07/11 14:19:45	0.625	94.3	13.7
184	2010/07/11 14:19:54	0.875	93.5	13.9
185	2010/07/11 14:19:55	1.000	85.6	11.5
186	2010/07/11 14:19:59	0.625	90.8	13.6
187	2010/07/11 14:20:12	0.625	94.5	14.0
188	2010/07/11 14:20:16	1.000	86.8	10.0
189	2010/07/11 14:20:20	0.625	86.8	11.4
190	2010/07/11 14:20:21	0.875	86.3	10.4

191	2010/07/11 14:20:45	0.750	84.6	10.1
192	2010/07/11 14:20:52	1.000	86.1	11.4
193	2010/07/11 14:20:54	0.625	90.7	10.9
194	2010/07/11 14:24:02	0.875	92.8	9.8
195	2010/07/11 14:24:09	0.875	88.7	7.8
196	2010/07/11 14:25:05	0.750	78.9	9.1
197	2010/07/11 14:28:09	0.875	76.8	7.9
198	2010/07/11 14:28:32	0.625	76.4	8.0
199	2010/07/11 14:34:40	0.625	92.5	13.5
200	2010/07/11 14:34:41	0.625	91.6	11.4
201	2010/07/11 14:34:42	0.625	90.9	11.1
202	2010/07/11 14:41:15	0.750	74.6	10.9
203	2010/07/11 14:41:21	0.750	87.1	10.4
204	2010/07/11 14:41:23	0.875	86.0	11.3
205	2010/07/11 14:41:26	0.625	89.1	12.6
206	2010/07/11 14:41:28	0.875	79.5	12.7
207	2010/07/11 14:41:38	0.625	92.3	13.5
208	2010/07/11 14:41:41	0.625	93.1	12.7
209	2010/07/11 14:41:43	0.750	85.4	12.6
210	2010/07/11 14:41:44	0.625	84.2	10.7
211	2010/07/11 14:41:45	0.625	88.9	12.6
212	2010/07/11 14:42:11	1.000	75.0	8.0
213	2010/07/11 14:42:20	0.500	93.9	13.8
214	2010/07/11 14:42:21	0.750	85.7	13.9
215	2010/07/11 14:44:22	0.500	93.2	13.2
216	2010/07/11 14:44:43	0.750	88.1	12.5
217	2010/07/11 14:44:48	1.000	90.8	7.7
218	2010/07/11 14:44:55	1.000	94.3	9.0
219	2010/07/11 14:44:57	0.750	91.3	9.8
220	2010/07/11 14:45:27	0.500	94.4	13.9
221	2010/07/11 14:47:29	0.500	86.5	13.4
222	2010/07/11 14:48:39	0.750	88.6	9.9

223	2010/07/11 14:50:13	0.875	86.0	11.3
224	2010/07/11 14:51:44	1.000	84.0	10.9
225	2010/07/11 14:51:48	1.000	93.1	12.0
226	2010/07/11 14:51:50	0.625	92.2	11.7
227	2010/07/11 14:52:31	1.000	95.5	9.3
228	2010/07/11 14:52:37	0.875	87.2	9.0
229	2010/07/11 14:52:52	0.875	90.9	11.4
230	2010/07/11 14:53:41	1.000	94.1	10.7
231	2010/07/11 14:54:56	0.625	91.7	13.7
232	2010/07/11 14:55:08	0.625	92.7	13.7
233	2010/07/11 15:03:38	1.000	80.4	8.4
234	2010/07/11 15:04:01	0.875	86.5	10.8
235	2010/07/11 15:04:11	0.625	92.3	13.0
236	2010/07/11 15:04:19	0.625	89.8	13.3
237	2010/07/11 15:04:25	0.500	92.2	10.6
238	2010/07/11 15:04:52	0.750	97.5	11.2
239	2010/07/11 15:04:53	0.625	93.1	10.6
240	2010/07/11 15:04:55	0.625	80.3	11.9
241	2010/07/11 15:04:56	0.750	91.6	10.7
242	2010/07/11 15:05:00	0.625	97.3	10.9
243	2010/07/11 15:05:10	0.625	92.9	7.7
244	2010/07/11 15:05:11	0.750	93.6	10.1
245	2010/07/11 15:05:12	1.000	93.7	9.0
246	2010/07/11 15:05:13	0.625	95.9	9.7
247	2010/07/11 15:05:21	0.875	96.3	6.2
248	2010/07/11 15:05:25	0.875	87.3	7.2
249	2010/07/11 15:05:29	0.625	89.2	8.4
250	2010/07/11 15:05:35	0.625	86.2	7.2
251	2010/07/11 15:05:39	0.750	93.8	7.9
252	2010/07/11 15:05:47	1.000	89.8	9.2
253	2010/07/11 15:05:49	0.750	102.4	11.8
254	2010/07/11 15:05:53	0.750	94.7	10.3

255	2010/07/11 15:05:58	0.625	95.6	10.0
256	2010/07/11 15:06:02	0.875	89.1	9.6
257	2010/07/11 15:06:13	0.625	88.9	10.5
258	2010/07/11 15:06:15	0.875	83.5	10.3
259	2010/07/11 15:06:31	0.750	91.0	8.8
260	2010/07/11 15:06:43	0.750	85.3	13.1
261	2010/07/11 15:10:39	0.500	85.8	10.3
262	2010/07/11 15:22:20	0.500	76.9	12.4
263	2010/07/11 15:28:15	0.625	81.2	12.0
264	2010/07/11 15:30:54	0.500	89.5	10.3
265	2010/07/11 15:30:55	0.500	88.7	10.0
266	2010/07/11 15:31:07	0.875	84.7	10.7
267	2010/07/11 15:31:25	0.875	84.6	9.4
268	2010/07/11 15:31:48	0.500	91.7	13.0
269	2010/07/11 15:32:05	1.000	82.0	7.5
270	2010/07/11 15:32:11	0.750	78.7	12.0
271	2010/07/11 15:32:49	1.000	98.7	12.2
272	2010/07/11 15:32:53	0.500	99.1	12.1
273	2010/07/11 15:33:08	0.625	89.6	11.8
274	2010/07/11 15:33:13	1.000	100.3	12.2
275	2010/07/11 15:33:48	0.750	94.5	13.3
276	2010/07/11 15:34:38	0.875	89.4	6.8
277	2010/07/11 15:34:59	0.750	86.7	9.3
278	2010/07/11 15:35:01	0.875	87.9	9.5
279	2010/07/11 15:37:19	0.875	91.4	10.2
280	2010/07/11 15:37:30	0.875	95.7	9.8
281	2010/07/11 15:37:31	0.875	96.6	10.8
282	2010/07/11 15:37:39	0.625	89.9	10.0
283	2010/07/11 15:37:49	0.750	88.5	8.0
284	2010/07/11 15:37:58	0.750	89.5	12.5
285	2010/07/11 15:38:00	0.875	84.1	11.5
286	2010/07/11 15:38:05	0.625	89.0	10.7



287	2010/07/11 15:38:06	0.750	88.5	10.0
288	2010/07/11 15:38:07	0.625	87.8	8.9
289	2010/07/11 15:38:11	0.500	89.5	11.8
290	2010/07/11 15:38:13	0.875	91.8	10.3
291	2010/07/11 15:38:16	0.500	90.4	12.8
292	2010/07/11 15:38:28	0.750	87.1	11.2
293	2010/07/11 15:38:30	1.000	88.3	8.8
294	2010/07/11 15:38:38	0.750	84.4	13.3
295	2010/07/11 15:38:50	0.750	83.3	11.6
296	2010/07/11 15:40:24	0.625	85.1	11.7
297	2010/07/11 15:40:40	0.500	90.0	12.5
298	2010/07/11 15:40:50	0.750	83.6	12.2
299	2010/07/11 15:40:55	0.500	92.6	13.4
300	2010/07/11 15:41:04	0.500	86.6	13.3
301	2010/07/11 15:41:35	0.625	86.6	12.0
302	2010/07/11 15:41:39	0.625	88.8	13.2
303	2010/07/11 15:41:59	0.625	87.1	12.9
304	2010/07/11 15:43:28	0.750	92.4	8.6
305	2010/07/11 15:43:35	0.750	88.4	7.5
306	2010/07/11 15:43:39	0.625	94.2	12.4
307	2010/07/11 15:49:01	0.500	85.2	12.0
308	2010/07/11 15:49:12	1.000	84.2	11.6
309	2010/07/11 15:49:13	0.625	84.1	10.1
310	2010/07/11 15:49:16	0.875	83.3	10.7
311	2010/07/11 15:53:12	0.625	83.4	11.7
312	2010/07/11 15:54:05	0.750	87.0	8.9
313	2010/07/11 15:54:12	0.500	90.1	13.5
314	2010/07/11 15:58:27	0.500	80.8	12.3
315	2010/07/11 15:58:31	0.625	82.7	11.1
316	2010/07/11 15:58:32	0.500	78.9	10.6
317	2010/07/11 15:58:39	0.625	80.7	13.7
318	2010/07/11 15:58:48	0.750	89.4	13.7

319	2010/07/11 15:58:55	0.625	89.5	13.5
320	2010/07/11 15:59:23	1.000	80.7	9.5
321	2010/07/11 15:59:55	0.625	83.6	12.1
322	2010/07/11 15:59:55	1.000	82.2	9.2
323	2010/07/11 16:00:04	0.750	82.8	12.5
324	2010/07/11 16:00:28	0.625	85.4	13.1
325	2010/07/11 16:00:34	0.750	87.4	11.3
326	2010/07/11 16:00:41	1.000	86.5	8.8
327	2010/07/11 16:00:42	0.875	86.2	8.7
328	2010/07/11 16:01:50	1.000	88.9	6.9
329	2010/07/11 16:01:52	0.750	93.4	12.0
330	2010/07/11 16:01:53	0.625	88.4	9.9
331	2010/07/11 16:02:03	0.750	88.6	6.3
332	2010/07/11 16:02:04	0.625	85.5	6.4
333	2010/07/11 16:02:05	0.875	92.3	12.3
334	2010/07/11 16:02:38	0.750	77.7	10.8
335	2010/07/11 16:02:40	1.000	77.5	7.4
336	2010/07/11 16:02:43	1.000	76.1	7.0
337	2010/07/11 16:03:22	0.750	77.7	9.4
338	2010/07/11 16:04:24	0.875	83.9	13.0
339	2010/07/11 16:04:31	1.000	81.2	10.0
340	2010/07/11 16:04:38	1.000	81.5	9.7
341	2010/07/11 16:04:52	0.750	81.0	10.7
342	2010/07/11 16:04:53	1.000	80.5	9.3
343	2010/07/11 16:05:13	0.625	80.0	11.5
344	2010/07/11 16:05:47	0.875	76.2	8.5
345	2010/07/11 16:06:23	0.875	79.2	7.7
346	2010/07/11 16:06:32	0.625	79.3	12.1
347	2010/07/11 16:06:55	0.500	96.4	13.8
348	2010/07/11 16:07:02	0.625	84.4	11.0
349	2010/07/11 16:07:37	0.750	87.1	10.4
350	2010/07/11 16:07:48	1.000	93.9	13.6

351	2010/07/11 16:08:03	0.875	86.0	12.5
352	2010/07/11 16:08:41	0.750	89.9	10.2
353	2010/07/11 16:08:46	0.875	92.9	9.1
354	2010/07/11 16:09:17	0.875	84.8	8.0
355	2010/07/11 16:09:34	1.000	82.9	10.8
356	2010/07/11 16:09:59	1.000	86.3	10.3
357	2010/07/11 16:11:23	0.625	89.9	10.4
358	2010/07/11 16:11:29	0.625	94.3	11.6
359	2010/07/11 16:11:39	0.875	84.4	9.9
360	2010/07/11 16:13:26	0.750	92.9	13.0
361	2010/07/11 16:13:54	0.625	80.1	10.5
362	2010/07/11 16:14:04	0.625	85.3	12.8
363	2010/07/11 16:14:13	0.750	82.5	11.1
364	2010/07/11 16:14:17	0.625	86.4	11.1
365	2010/07/11 16:14:29	0.750	90.5	12.4
366	2010/07/11 16:14:36	1.000	79.5	10.3
367	2010/07/11 16:15:39	0.625	83.5	12.5
368	2010/07/11 16:20:39	0.625	85.4	12.5
369	2010/07/11 16:20:57	0.750	86.0	8.6
370	2010/07/11 16:20:58	0.625	87.5	10.2
371	2010/07/11 16:20:59	0.500	91.1	12.2
372	2010/07/11 16:21:03	0.625	90.0	12.4
373	2010/07/11 16:21:04	0.500	90.7	12.4
374	2010/07/11 16:21:07	0.500	85.8	11.1
375	2010/07/11 16:21:09	0.625	83.6	10.5
376	2010/07/11 16:21:58	0.750	83.1	12.7
377	2010/07/11 16:22:01	1.000	80.4	10.6
378	2010/07/11 16:22:10	0.875	85.3	10.8
379	2010/07/11 16:22:19	0.625	85.4	13.0
380	2010/07/11 16:22:20	0.500	85.1	11.5
381	2010/07/11 16:26:12	0.500	86.6	13.5
382	2010/07/11 16:26:18	0.625	81.4	11.5

383	2010/07/11 16:26:39	0.750	85.0	12.0
384	2010/07/11 16:26:45	0.500	86.7	13.4
385	2010/07/11 16:26:54	0.625	81.4	12.1
386	2010/07/11 16:27:34	0.750	90.5	13.4
387	2010/07/11 16:27:47	0.625	91.7	13.6
388	2010/07/11 16:30:50	0.750	77.1	12.0
389	2010/07/11 16:30:54	0.875	84.4	9.7
390	2010/07/11 16:30:56	0.875	83.3	10.7
391	2010/07/11 16:38:37	0.875	72.4	9.8
392	2010/07/11 16:38:54	1.000	79.7	11.1
393	2010/07/11 16:39:42	0.750	83.5	11.8
394	2010/07/11 16:39:54	0.625	85.2	12.9
395	2010/07/11 16:40:14	0.750	83.1	12.2
396	2010/07/11 16:40:17	0.875	81.7	9.1
397	2010/07/11 16:40:36	0.625	87.5	13.5
398	2010/07/11 16:40:46	0.750	87.9	13.1
399	2010/07/11 16:40:54	0.750	86.2	9.6
400	2010/07/11 16:41:00	0.625	82.2	10.4
401	2010/07/11 16:41:11	1.000	87.8	8.9
402	2010/07/11 16:41:53	0.875	89.9	7.8
403	2010/07/11 16:42:15	0.875	84.7	7.0
404	2010/07/11 16:44:48	0.750	87.9	11.2
405	2010/07/11 16:44:49	0.875	88.5	11.7
406	2010/07/11 16:44:50	1.000	88.0	7.7
407	2010/07/11 16:44:51	0.750	87.4	9.7
408	2010/07/11 16:45:18	0.625	82.6	13.2
409	2010/07/11 16:45:53	0.875	81.5	8.9
410	2010/07/11 16:47:08	0.625	86.8	10.0
411	2010/07/11 16:47:23	1.000	87.7	8.2
412	2010/07/11 16:47:27	0.625	79.8	7.7
413	2010/07/11 16:48:04	0.625	84.6	6.3
414	2010/07/11 16:48:09	0.625	84.6	6.7

415	2010/07/11 16:48:10	0.750	82.9	8.8
416	2010/07/11 16:48:12	0.625	78.1	9.1
417	2010/07/11 16:48:14	0.625	84.1	12.4
418	2010/07/11 17:08:08	0.875	68.1	8.7
419	2010/07/11 17:09:56	0.750	67.9	10.6
420	2010/07/11 17:14:21	0.875	89.1	13.3
421	2010/07/11 17:14:31	0.625	79.3	10.9
422	2010/07/11 17:15:25	1.000	65.6	9.4
423	2010/07/11 17:15:49	0.500	90.9	8.5
424	2010/07/11 17:15:51	0.625	87.6	10.1
425	2010/07/11 17:16:12	1.000	72.0	8.1
426	2010/07/11 17:16:15	0.625	87.1	13.4
427	2010/07/11 17:16:19	0.750	91.8	13.5
428	2010/07/11 17:17:15	0.750	93.2	9.7
429	2010/07/11 17:17:16	0.625	94.6	8.7
430	2010/07/11 17:17:17	0.750	94.8	11.3
431	2010/07/11 17:17:19	0.750	75.9	10.9
432	2010/07/11 17:17:20	1.000	91.6	12.5
433	2010/07/11 17:17:32	0.500	92.7	13.1
434	2010/07/11 17:17:34	0.625	88.8	9.7
435	2010/07/11 17:17:34	0.625	89.5	9.6
436	2010/07/11 17:17:37	0.875	92.5	10.7
437	2010/07/11 17:17:40	0.625	91.2	9.7
438	2010/07/11 17:17:40	0.625	86.0	10.1
439	2010/07/11 17:17:53	0.625	91.5	13.7
440	2010/07/11 17:18:00	0.625	84.0	12.2
441	2010/07/11 17:18:01	0.875	81.0	9.7
442	2010/07/11 17:18:14	0.875	81.3	9.7
443	2010/07/11 17:18:25	0.875	80.1	12.0
444	2010/07/11 17:18:34	0.750	81.2	9.8
445	2010/07/11 17:18:56	0.625	89.5	13.0
446	2010/07/11 17:19:06	1.000	83.9	6.4

447	2010/07/11 17:19:22	0.750	90.3	12.3
448	2010/07/11 17:19:24	0.750	84.2	11.5
449	2010/07/11 17:19:30	0.625	87.0	11.1
450	2010/07/11 17:19:32	0.500	86.9	11.6
451	2010/07/11 17:19:32	0.875	90.0	10.6
452	2010/07/11 17:19:34	0.750	87.0	10.4
453	2010/07/11 17:19:35	0.500	90.3	12.4
454	2010/07/11 17:19:42	0.750	89.4	7.9
455	2010/07/11 17:19:43	0.750	90.4	8.9
456	2010/07/11 17:19:45	0.875	88.0	9.2
457	2010/07/11 17:19:46	0.500	87.0	9.4
458	2010/07/11 17:19:47	0.875	82.1	10.1
459	2010/07/11 17:19:48	1.000	92.5	13.1
460	2010/07/11 17:19:50	0.750	83.2	9.5
461	2010/07/11 17:19:51	0.625	88.1	11.8
462	2010/07/11 17:19:55	0.875	92.6	10.3
463	2010/07/11 17:19:56	1.000	91.3	7.5
464	2010/07/11 17:19:57	0.750	91.3	9.6
465	2010/07/11 17:19:59	0.750	89.4	10.3
466	2010/07/11 17:20:01	1.000	86.6	10.1
467	2010/07/11 17:20:09	0.625	89.4	11.3
468	2010/07/11 17:20:16	0.750	89.0	11.9
469	2010/07/11 17:20:20	0.625	89.5	9.8
470	2010/07/11 17:20:21	0.625	91.7	11.4
471	2010/07/11 17:20:22	0.625	88.1	11.6
472	2010/07/11 17:20:23	0.625	85.8	10.3
473	2010/07/11 17:20:24	0.750	92.4	12.6
474	2010/07/11 17:20:25	0.625	89.7	10.6
475	2010/07/11 17:20:25	1.000	92.4	9.3
476	2010/07/11 17:20:27	0.750	92.7	8.3
477	2010/07/11 17:20:31	0.625	89.7	9.2
478	2010/07/11 17:20:34	0.625	82.8	8.4

479	2010/07/11 17:20:35	0.625	90.8	12.4
480	2010/07/11 17:20:58	0.875	79.2	8.5
481	2010/07/11 17:21:54	1.000	83.2	8.1
482	2010/07/11 17:22:44	0.750	76.4	10.1
483	2010/07/11 17:32:24	0.500	89.4	13.8
484	2010/07/11 17:32:50	0.500	91.7	13.9
485	2010/07/11 17:35:32	0.750	84.1	12.1
486	2010/07/11 17:35:34	0.625	89.3	11.8
487	2010/07/11 17:35:35	0.750	94.6	12.3
488	2010/07/11 17:35:44	0.625	91.9	9.8
489	2010/07/11 17:35:44	0.750	89.3	9.7
490	2010/07/11 17:35:47	0.875	87.2	6.5
491	2010/07/11 17:35:49	0.625	88.9	10.9
492	2010/07/11 17:35:52	0.875	89.7	11.2
493	2010/07/11 17:36:10	0.625	88.0	9.6
494	2010/07/11 17:36:11	0.875	79.6	10.0
495	2010/07/11 17:36:19	0.750	93.5	12.1
496	2010/07/11 17:36:20	0.625	87.4	10.9
497	2010/07/11 17:36:34	1.000	86.2	10.3
498	2010/07/11 17:36:43	0.875	87.8	10.0
499	2010/07/11 17:36:44	0.625	83.0	9.3
500	2010/07/11 17:36:45	1.000	86.4	9.7
501	2010/07/11 17:36:47	0.625	81.9	8.8
502	2010/07/11 17:36:48	0.625	85.5	10.8
503	2010/07/11 17:36:49	0.875	84.0	9.8
504	2010/07/11 17:36:55	0.625	89.8	13.3
505	2010/07/11 17:36:56	0.625	92.5	10.5
506	2010/07/11 17:36:57	0.500	89.8	10.5
507	2010/07/11 17:40:01	1.000	69.8	8.3
508	2010/07/11 17:42:43	0.625	85.6	13.2
509	2010/07/11 17:42:46	1.000	88.7	8.8
510	2010/07/11 17:42:50	0.625	90.9	8.4

511	2010/07/11 17:43:42	1.000	77.4	10.4
512	2010/07/11 17:46:58	0.625	88.9	11.5
513	2010/07/11 17:48:39	0.625	85.5	11.0
514	2010/07/11 17:48:40	1.000	84.7	10.0
515	2010/07/11 17:48:46	0.625	88.3	13.0
516	2010/07/11 17:48:47	0.750	97.6	11.1
517	2010/07/11 17:48:54	0.750	84.8	11.8
518	2010/07/11 17:48:55	0.625	84.0	10.4
519	2010/07/11 17:48:58	1.000	91.4	13.5
520	2010/07/11 17:49:11	0.625	90.1	9.2
521	2010/07/11 17:49:26	0.500	83.1	12.9
522	2010/07/11 17:49:39	0.625	87.7	13.4
523	2010/07/11 17:50:00	0.625	88.7	9.7
524	2010/07/11 17:50:08	0.750	91.5	11.2
525	2010/07/11 17:50:09	0.625	85.5	10.0
526	2010/07/11 17:50:19	0.750	85.0	11.9
527	2010/07/11 17:50:21	0.500	87.1	11.9
528	2010/07/11 17:50:22	0.625	85.4	10.9
529	2010/07/11 17:50:27	0.750	83.7	10.2
530	2010/07/11 17:50:32	0.750	90.8	9.2
531	2010/07/11 17:50:36	0.625	84.4	12.2
532	2010/07/11 17:50:37	0.750	89.1	10.3
533	2010/07/11 17:50:39	0.750	94.7	13.7
534	2010/07/11 17:50:45	0.625	91.9	12.5
535	2010/07/11 17:50:46	0.625	93.6	11.2
536	2010/07/11 17:50:47	0.750	85.1	12.1
537	2010/07/11 17:50:48	0.750	84.6	11.4
538	2010/07/11 17:50:48	0.875	88.3	8.4
539	2010/07/11 17:50:50	0.875	90.9	10.4
540	2010/07/11 17:50:59	1.000	91.9	12.7
541	2010/07/11 17:51:01	0.750	93.4	11.2
542	2010/07/11 17:51:06	0.625	93.9	10.9



543	2010/07/11 17:51:10	0.750	95.3	9.7
544	2010/07/11 17:51:11	0.750	94.2	9.5
545	2010/07/11 17:51:22	0.750	83.1	7.7
546	2010/07/11 17:51:26	0.750	86.2	9.2
547	2010/07/11 17:51:28	0.750	88.0	9.0
548	2010/07/11 17:51:32	0.625	87.5	12.8
549	2010/07/11 17:59:22	0.750	80.2	9.3
550	2010/07/11 17:59:25	0.625	86.8	11.9
551	2010/07/11 17:59:28	0.875	87.4	8.9
552	2010/07/11 17:59:38	0.625	90.8	11.9
553	2010/07/11 17:59:41	0.625	82.8	8.5
554	2010/07/11 17:59:41	0.875	87.3	9.9
555	2010/07/11 17:59:44	0.750	79.9	9.3
556	2010/07/11 17:59:45	0.750	77.1	7.6
557	2010/07/11 18:00:04	1.000	89.4	11.3
558	2010/07/11 18:00:05	0.750	89.8	9.9
559	2010/07/11 18:00:06	0.875	91.4	8.8
560	2010/07/11 18:00:09	1.000	82.2	6.5
561	2010/07/11 18:00:15	0.750	88.5	13.4
562	2010/07/11 18:00:21	0.625	82.7	10.3
563	2010/07/11 18:00:22	0.750	87.1	10.5
564	2010/07/11 18:00:23	0.625	83.4	9.9
565	2010/07/11 18:00:30	0.625	87.6	12.1
566	2010/07/11 18:00:37	0.625	84.5	10.2
567	2010/07/11 18:00:38	1.000	87.0	10.1
568	2010/07/11 18:00:39	0.625	90.5	12.7
569	2010/07/11 18:02:49	0.750	75.6	12.0
570	2010/07/11 18:04:33	0.625	87.0	13.2
571	2010/07/11 18:16:47	1.000	83.1	11.9
572	2010/07/11 18:17:47	1.000	91.2	13.5
573	2010/07/11 18:17:49	0.875	86.7	9.8
574	2010/07/11 18:17:50	1.000	94.5	13.1

575	2010/07/11 18:18:05	0.750	91.1	10.3
576	2010/07/11 18:18:24	0.750	93.8	11.4
577	2010/07/11 18:18:33	1.000	88.2	7.6
578	2010/07/11 18:18:35	1.000	87.9	7.5
579	2010/07/11 18:18:37	0.625	92.7	8.9
580	2010/07/11 18:18:46	1.000	82.2	7.9
581	2010/07/11 18:19:00	1.000	91.8	9.1
582	2010/07/11 18:19:41	1.000	76.6	9.0
583	2010/07/11 18:20:14	1.000	87.0	9.4
584	2010/07/11 18:20:23	0.625	80.8	10.6
585	2010/07/11 18:20:33	0.875	83.6	12.3
586	2010/07/11 18:20:44	1.000	78.7	8.3
587	2010/07/11 18:20:48	0.750	79.9	9.0
588	2010/07/11 18:20:49	0.750	77.7	8.2
589	2010/07/11 18:21:24	0.500	83.9	13.0
590	2010/07/11 18:21:29	0.875	85.3	11.9
591	2010/07/11 18:21:47	0.875	93.9	6.2
592	2010/07/11 18:21:51	0.750	89.9	6.2
593	2010/07/11 18:21:53	1.000	81.0	7.3
594	2010/07/11 18:22:21	0.625	77.7	10.1
595	2010/07/11 18:22:58	1.000	80.5	10.3
596	2010/07/11 18:22:59	0.875	80.1	8.1
597	2010/07/11 18:23:42	0.750	90.6	10.8
598	2010/07/11 18:23:47	0.750	94.0	9.8
599	2010/07/11 18:23:49	0.625	94.3	10.9
600	2010/07/11 18:24:00	0.625	93.1	6.5
601	2010/07/11 18:24:05	0.750	93.3	8.8
602	2010/07/11 18:24:07	1.000	89.2	6.7
603	2010/07/11 18:24:19	0.750	88.0	6.6
604	2010/07/11 18:24:23	0.875	93.3	12.0
605	2010/07/11 18:24:29	0.625	89.9	11.4
606	2010/07/11 18:24:48	1.000	73.6	7.1

607	2010/07/11 18:25:14	1.000	94.0	10.8
608	2010/07/11 18:25:25	0.875	87.2	11.0
609	2010/07/11 18:25:39	0.625	92.0	9.9
610	2010/07/11 18:25:54	0.750	79.7	9.0
611	2010/07/11 18:25:55	0.875	74.0	10.6
612	2010/07/11 18:25:58	1.000	93.4	14.0
613	2010/07/11 18:26:04	1.000	95.6	7.6
614	2010/07/11 18:26:08	0.625	93.7	12.2
615	2010/07/11 18:26:21	0.750	93.6	13.0
616	2010/07/11 18:26:22	0.875	95.4	10.4
617	2010/07/11 18:26:33	1.000	88.6	6.7
618	2010/07/11 18:26:48	1.000	93.4	8.7
619	2010/07/11 18:27:03	0.750	80.3	6.9
620	2010/07/11 18:27:09	0.875	83.9	7.1
621	2010/07/11 18:27:11	0.750	76.9	7.1
622	2010/07/11 18:27:31	0.750	81.0	11.0
623	2010/07/11 18:27:32	0.875	80.8	8.4
624	2010/07/11 18:27:34	0.625	79.8	8.8
625	2010/07/11 18:27:38	0.750	80.6	9.0
626	2010/07/11 18:27:54	1.000	79.4	9.6
627	2010/07/11 18:28:04	0.750	78.4	7.9
628	2010/07/11 18:28:17	0.750	82.4	10.4
629	2010/07/11 18:28:22	1.000	84.3	11.1
630	2010/07/11 18:28:28	1.000	98.3	7.5
631	2010/07/11 18:28:30	0.750	92.1	7.4
632	2010/07/11 18:29:29	0.875	90.8	10.2
633	2010/07/11 18:29:37	1.000	92.0	7.0
634	2010/07/11 18:29:45	0.625	90.4	13.1
635	2010/07/11 18:29:51	0.625	90.2	13.1
636	2010/07/11 18:30:01	0.750	81.4	8.1
637	2010/07/11 18:30:02	0.625	88.5	12.6
638	2010/07/11 18:30:07	0.750	83.0	8.5

639	2010/07/11 18:30:14	0.750	81.8	10.8
640	2010/07/11 18:30:30	0.875	79.9	9.2
641	2010/07/11 18:30:32	0.875	97.6	10.0
642	2010/07/11 18:30:43	0.625	86.2	13.4
643	2010/07/11 18:31:35	0.750	87.9	10.5
644	2010/07/11 18:31:47	1.000	86.9	10.6
645	2010/07/11 18:31:52	0.875	83.7	9.1
646	2010/07/11 18:31:54	1.000	82.2	9.4
647	2010/07/11 18:31:56	0.625	92.5	13.6
648	2010/07/11 18:32:12	0.625	82.4	11.0
649	2010/07/11 18:32:13	0.875	84.6	11.8
650	2010/07/11 18:32:38	0.500	88.0	12.1
651	2010/07/11 18:32:40	0.875	78.9	12.5
652	2010/07/11 18:42:56	0.625	92.2	13.6
653	2010/07/11 18:42:58	1.000	83.5	13.2
654	2010/07/11 18:43:04	1.000	82.7	7.2
655	2010/07/11 18:43:15	0.875	79.2	9.5
656	2010/07/11 18:43:17	0.875	77.9	7.7
657	2010/07/11 18:43:20	0.875	81.6	10.2
658	2010/07/11 18:43:30	0.625	93.9	13.4
659	2010/07/11 18:43:33	0.500	92.0	13.6
660	2010/07/11 18:43:41	0.625	93.3	13.3
661	2010/07/11 18:43:55	0.500	83.7	12.0
662	2010/07/11 18:44:14	1.000	90.2	10.7
663	2010/07/11 18:44:17	0.750	85.9	9.2
664	2010/07/11 18:44:30	1.000	87.1	6.5
665	2010/07/11 18:44:43	1.000	95.7	12.9
666	2010/07/11 18:45:13	0.875	84.7	9.2
667	2010/07/11 18:46:57	1.000	75.2	7.6
668	2010/07/11 18:49:56	0.625	81.2	12.0
669	2010/07/11 18:50:10	0.750	75.5	9.6
670	2010/07/11 18:50:41	0.875	87.8	11.8

671	2010/07/11 18:50:59	0.875	90.6	11.9
672	2010/07/11 18:51:09	1.000	84.5	9.4
673	2010/07/11 18:51:40	0.750	82.8	7.5
674	2010/07/11 18:51:43	0.750	87.2	12.8
675	2010/07/11 18:51:55	0.625	91.9	13.6
676	2010/07/11 18:57:45	0.750	79.2	8.8
677	2010/07/11 18:57:51	0.750	83.3	11.1
678	2010/07/11 18:57:57	0.625	80.5	9.6
679	2010/07/11 18:58:08	0.625	81.4	12.2
680	2010/07/11 19:09:38	0.750	82.0	10.9
681	2010/07/11 19:10:12	0.625	79.6	10.7
682	2010/07/11 19:10:13	0.750	79.2	7.5
683	2010/07/11 19:10:17	0.625	84.4	13.2
684	2010/07/11 19:11:20	0.750	86.5	10.7
685	2010/07/11 19:11:24	0.625	84.8	9.8
686	2010/07/11 19:11:26	0.625	93.5	12.8
687	2010/07/11 19:11:27	0.750	84.2	13.0
688	2010/07/11 19:14:49	0.750	95.8	8.3
689	2010/07/11 19:14:54	1.000	84.5	11.3
690	2010/07/11 19:15:04	0.875	81.4	8.1
691	2010/07/11 19:15:14	0.750	94.1	10.8
692	2010/07/11 19:15:32	0.750	92.3	7.9
693	2010/07/11 19:15:43	0.875	87.9	11.8
694	2010/07/11 19:16:13	1.000	74.4	9.2
695	2010/07/11 19:16:15	0.625	77.1	12.8
696	2010/07/11 19:16:27	0.625	76.6	11.6
697	2010/07/11 19:16:54	0.875	86.3	12.7
698	2010/07/11 19:20:26	0.625	96.5	10.7
699	2010/07/11 19:22:28	0.750	94.3	11.0
700	2010/07/11 19:22:37	0.625	97.1	10.7
701	2010/07/11 19:22:47	0.500	92.8	13.6
702	2010/07/11 19:23:23	0.625	85.9	10.1

703	2010/07/11 19:23:24	0.750	77.4	10.2
704	2010/07/11 19:23:30	1.000	89.2	11.2
705	2010/07/11 19:23:35	0.625	85.1	10.5
706	2010/07/11 19:23:47	0.625	96.3	11.0
707	2010/07/11 19:24:30	0.625	91.0	12.2
708	2010/07/11 19:24:38	0.625	89.1	12.8
709	2010/07/11 19:24:39	0.750	87.7	10.8
710	2010/07/11 19:25:06	0.750	90.3	9.4
711	2010/07/11 19:25:07	0.625	85.3	9.3
712	2010/07/11 19:25:08	0.500	85.7	10.8
713	2010/07/11 19:25:11	0.625	95.0	14.0
714	2010/07/11 19:25:12	0.625	93.7	11.8
715	2010/07/11 19:25:20	0.750	91.2	11.3
716	2010/07/11 19:27:02	0.625	82.8	8.1
717	2010/07/11 19:30:14	0.625	90.1	11.2
718	2010/07/11 19:30:16	1.000	85.2	10.0
719	2010/07/11 19:30:17	0.750	81.5	8.6
720	2010/07/11 19:30:18	0.875	84.5	11.1
721	2010/07/11 19:30:29	0.750	87.2	10.6
722	2010/07/11 19:30:30	0.500	87.6	11.7
723	2010/07/11 19:30:32	0.625	89.9	11.1
724	2010/07/11 19:32:23	1.000	83.6	10.1
725	2010/07/11 19:32:37	0.500	80.4	12.9
726	2010/07/11 19:32:41	0.625	92.2	13.9
727	2010/07/11 19:32:42	0.625	85.0	12.7
728	2010/07/11 19:32:43	0.625	84.8	12.1
729	2010/07/11 19:32:47	0.625	82.9	11.3
730	2010/07/11 19:33:08	0.625	93.5	14.0
731	2010/07/11 19:33:17	1.000	83.7	9.8
732	2010/07/11 19:38:17	1.000	88.2	10.1
733	2010/07/11 19:38:19	0.500	92.1	13.1
734	2010/07/11 19:39:37	0.500	88.1	13.3

735	2010/07/11 19:44:31	0.875	90.5	11.4
736	2010/07/11 19:44:38	0.625	79.5	11.1
737	2010/07/11 19:44:42	0.750	86.8	11.0
738	2010/07/11 19:44:54	1.000	77.0	9.3
739	2010/07/11 19:47:59	0.625	84.5	12.3
740	2010/07/11 19:48:12	0.625	87.9	12.0
741	2010/07/11 19:48:15	0.625	90.8	12.1
742	2010/07/11 19:48:18	0.875	91.6	12.2
743	2010/07/11 19:49:12	0.625	78.3	12.4
744	2010/07/11 19:49:30	0.500	92.2	13.7
745	2010/07/11 19:50:10	1.000	75.6	9.9
746	2010/07/11 19:50:57	0.750	72.0	11.5
747	2010/07/11 19:51:12	0.625	75.0	10.3
748	2010/07/11 19:51:14	0.750	73.6	11.0
749	2010/07/11 19:52:03	0.625	82.1	12.8
750	2010/07/11 19:53:01	0.750	72.0	10.9
751	2010/07/11 20:25:10	1.000	89.7	8.2
752	2010/07/11 20:25:14	0.625	86.2	12.7
753	2010/07/11 20:25:20	1.000	83.2	8.0
754	2010/07/11 20:27:29	0.875	88.9	8.3
755	2010/07/11 20:27:48	0.875	92.1	8.2
756	2010/07/11 20:27:53	0.625	90.9	10.5
757	2010/07/11 20:29:28	0.500	98.2	13.4
758	2010/07/11 20:30:23	0.875	87.3	10.1
759	2010/07/11 20:30:37	0.875	86.1	12.6
760	2010/07/11 20:30:46	0.875	82.8	11.5
761	2010/07/11 21:24:58	0.875	74.4	8.3

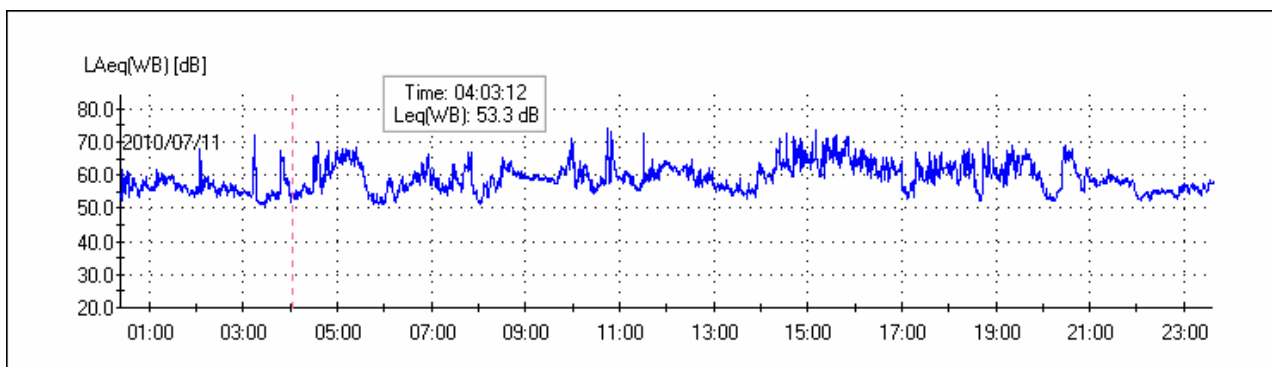
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

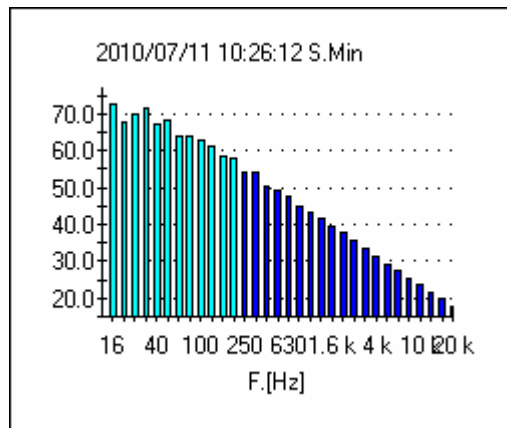


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
Freq: 315	0.1
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

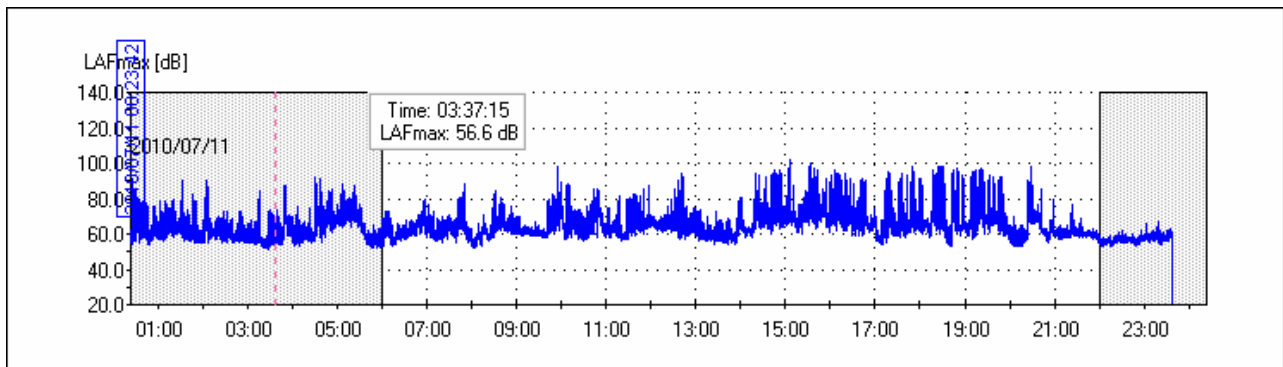


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

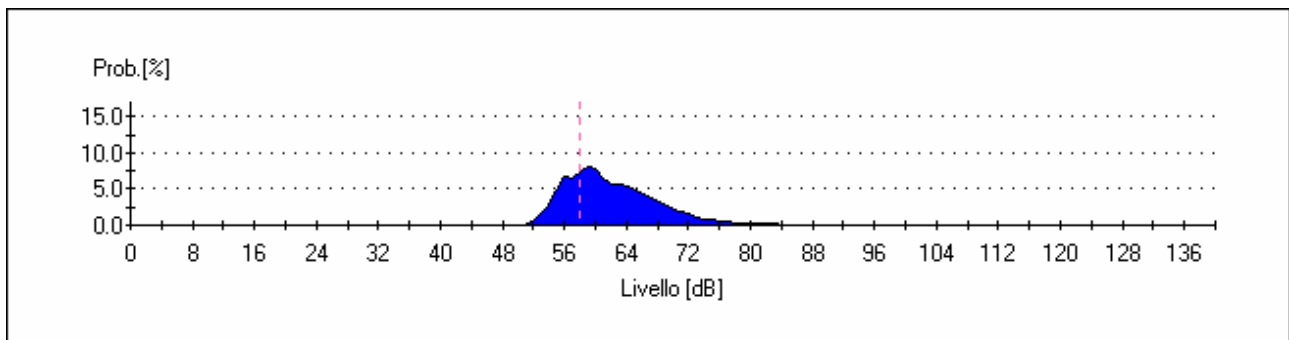
**TIME HISTORY COMPONENTI TONALI**




**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

CUMULATIVA

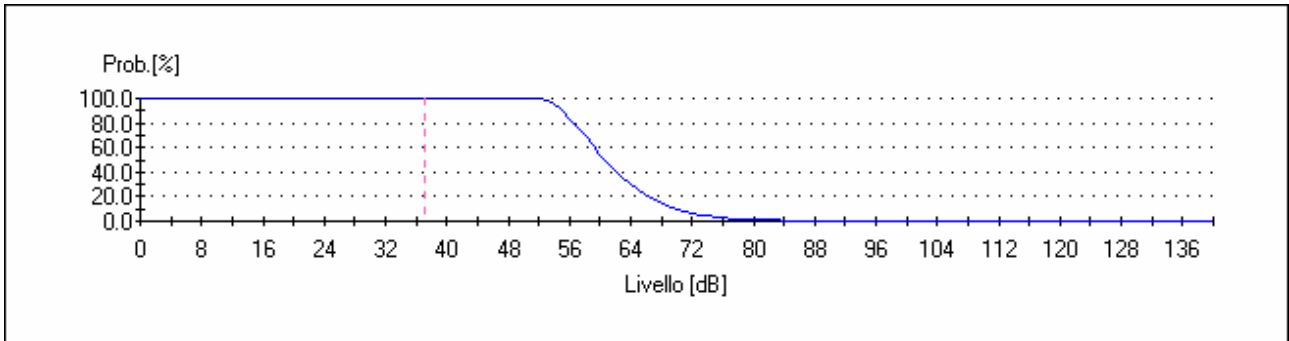
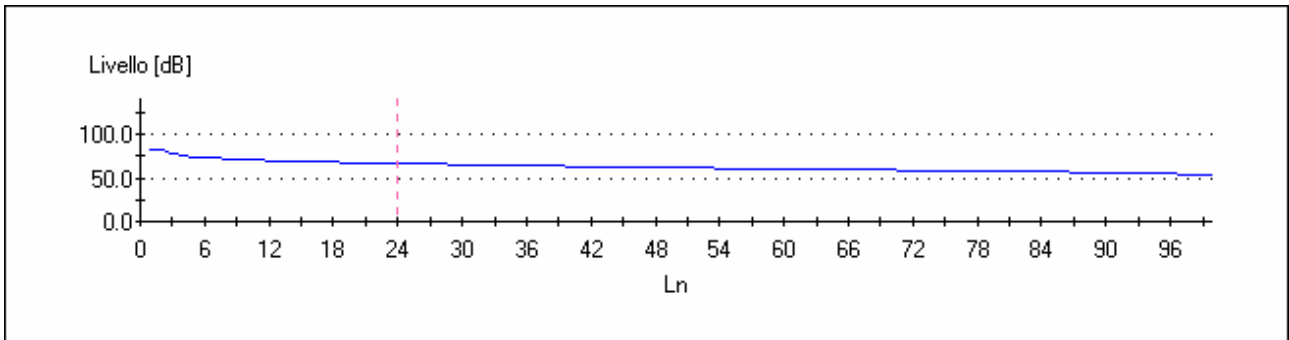


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	85.0
<b>1</b>	<b>85.0</b>
2	80.0
3	78.0
4	76.0
<b>5</b>	<b>75.0</b>
6	74.0
7	73.0
8	72.5
9	72.0
<b>10</b>	<b>71.5</b>
11	71.0
12	70.5
13	70.0
14	69.7
15	69.3
16	69.0
17	68.8
18	68.5
19	68.3
20	68.0
21	67.8
22	67.5
23	67.3
24	67.0
25	66.8
26	66.6
27	66.4
28	66.2

29	66.0
30	65.8
31	65.7
32	65.5
33	65.3
34	65.2
35	65.0
36	64.9
37	64.7
38	64.6
39	64.4
40	64.3
41	64.1
42	64.0
43	63.9
44	63.7
45	63.6
46	63.4
47	63.3
48	63.1
49	63.0
50	62.9
51	62.7
52	62.6
53	62.4
54	62.3
55	62.1
56	62.0
57	61.9
58	61.7
59	61.6
60	61.4

61	61.3
62	61.1
63	61.0
64	60.9
65	60.8
66	60.7
67	60.6
68	60.4
69	60.3
70	60.2
71	60.1
72	60.0
73	59.9
74	59.8
75	59.7
76	59.6
77	59.4
78	59.3
79	59.2
80	59.1
81	59.0
82	58.8
83	58.7
84	58.5
85	58.3
86	58.2
87	58.0
88	57.8
89	57.6
90	57.4
91	57.2
92	57.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	56.7
94	56.3
95	56.0
96	55.5
97	55.0
98	54.0
99	53.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	75.0
1	75.0
2	73.0
3	72.0
4	71.0
5	70.5
6	70.0
7	69.5
8	69.0
9	68.5
10	68.0
11	67.7
12	67.3
13	67.0
14	66.5
15	66.0
16	65.7
17	65.3
18	65.0
19	64.7
20	64.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

21	64.0
22	63.5
23	63.0
24	62.8
25	62.5
26	62.3
27	62.0
28	61.8
29	61.5
30	61.3
31	61.0
32	60.8
33	60.6
34	60.4
35	60.2
36	60.0
37	59.8
38	59.7
39	59.5
40	59.3
41	59.2
42	59.0
43	58.9
44	58.8
45	58.7
46	58.6
47	58.4
48	58.3
49	58.2
<b>50</b>	<b>58.1</b>
51	58.0
52	57.9

53	57.8
54	57.7
55	57.6
56	57.5
57	57.5
58	57.4
59	57.3
60	57.2
61	57.1
62	57.0
63	56.9
64	56.9
65	56.8
66	56.7
67	56.7
68	56.6
69	56.5
70	56.5
71	56.4
72	56.3
73	56.3
74	56.2
75	56.1
76	56.1
77	56.0
78	55.9
79	55.8
80	55.7
81	55.6
82	55.5
83	55.5
84	55.4



 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	55.3
86	55.2
87	55.1
88	55.0
89	54.8
90	54.7
91	54.5
92	54.3
93	54.2
94	54.0
95	53.8
96	53.5
97	53.3
98	53.0
99	52.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

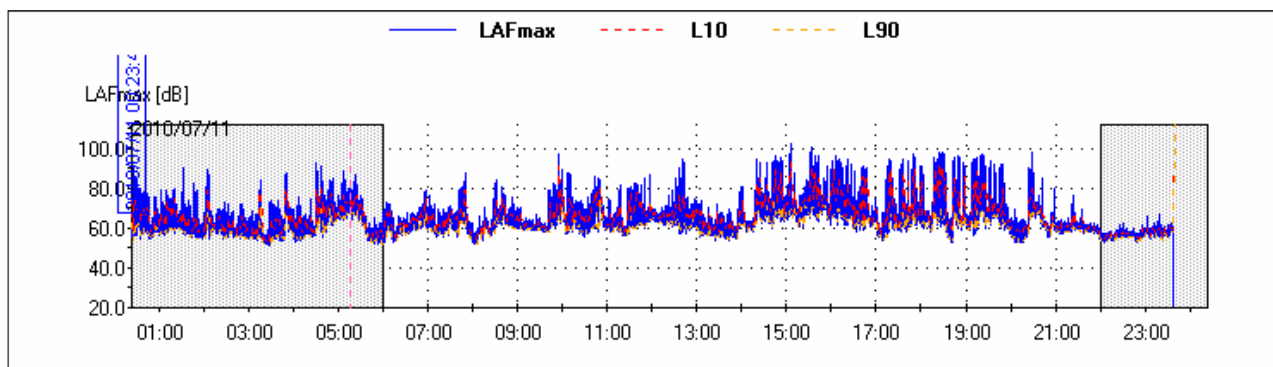
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
91.6	82.2	88.1
102.3	92.9	97.6
107.3	95.5	102.4
103.1	94.2	98.3
79.3	71.5	76.2
<b>107.3</b>	<b>95.5</b>	<b>102.4</b>

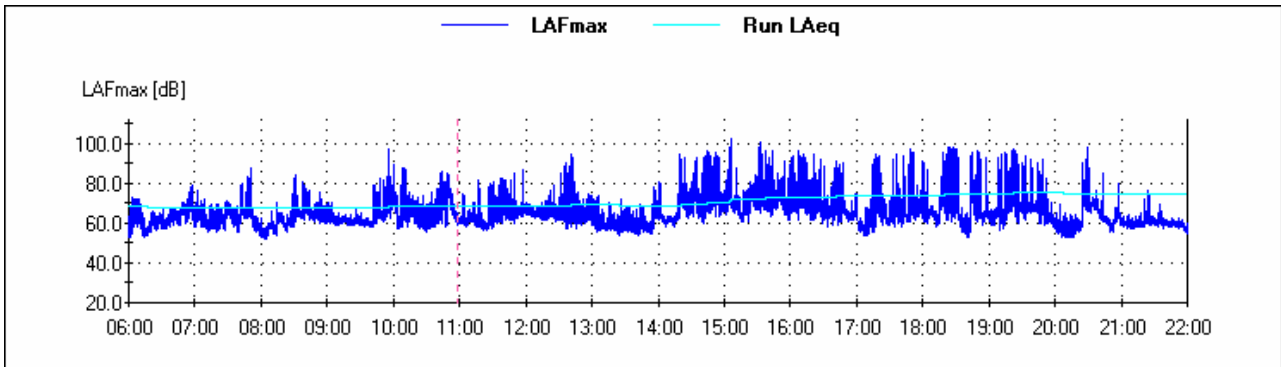
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
97.1	84	92.5
96	83.6	91
67.2	64.6	66.5
<b>97.1</b>	<b>84</b>	<b>92.5</b>

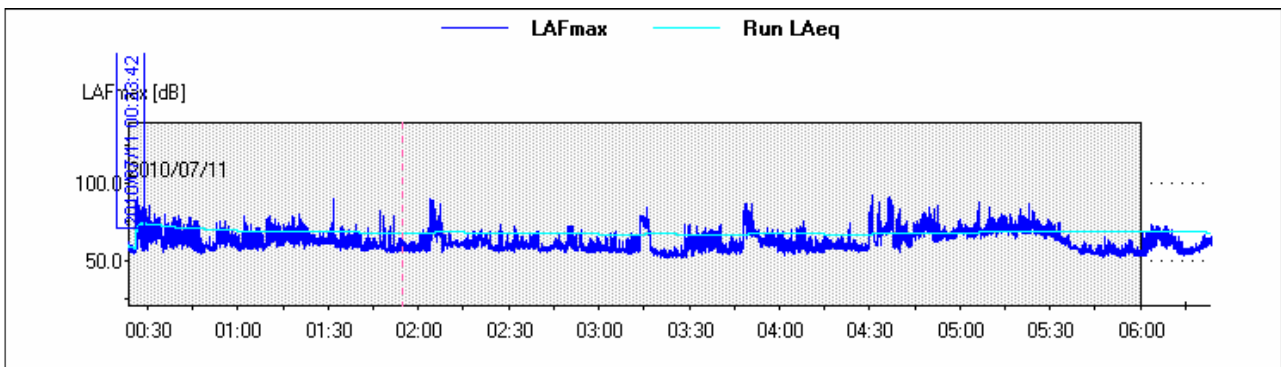
TIME HISTORY L10 – L90



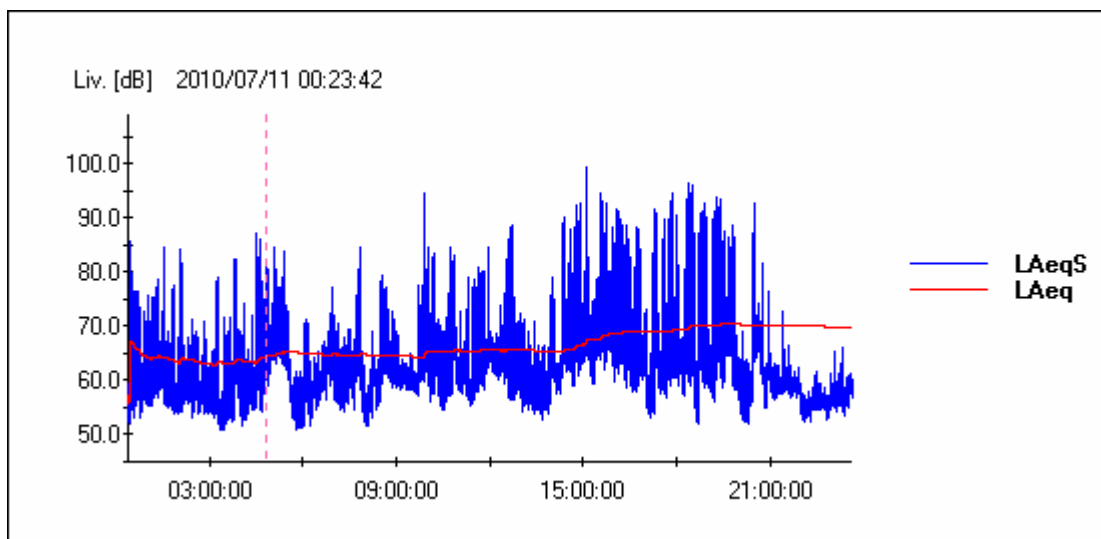
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

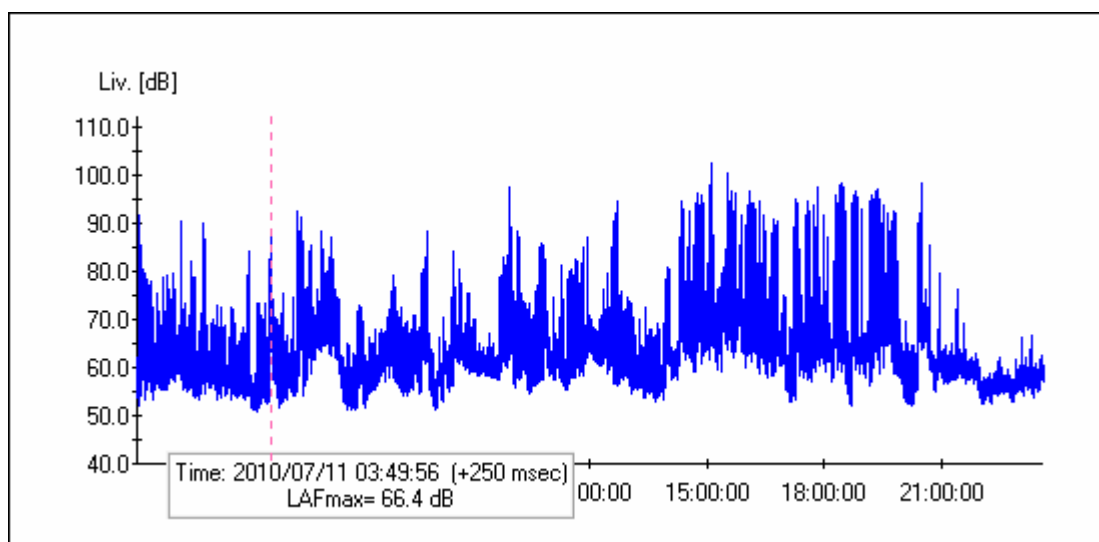


**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



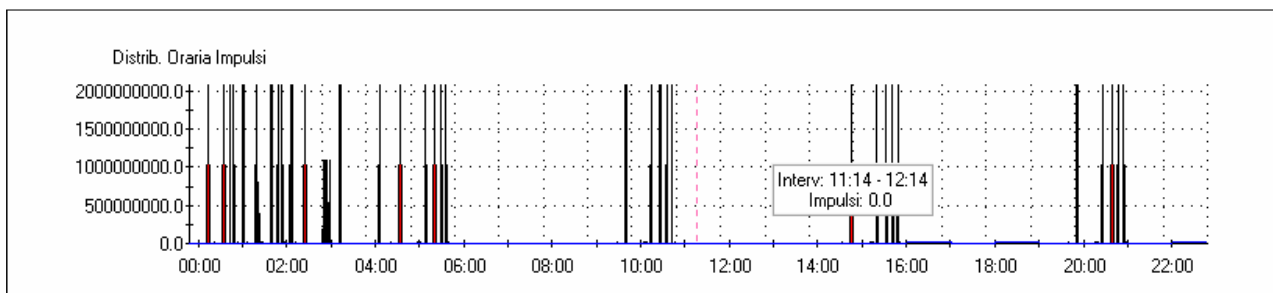
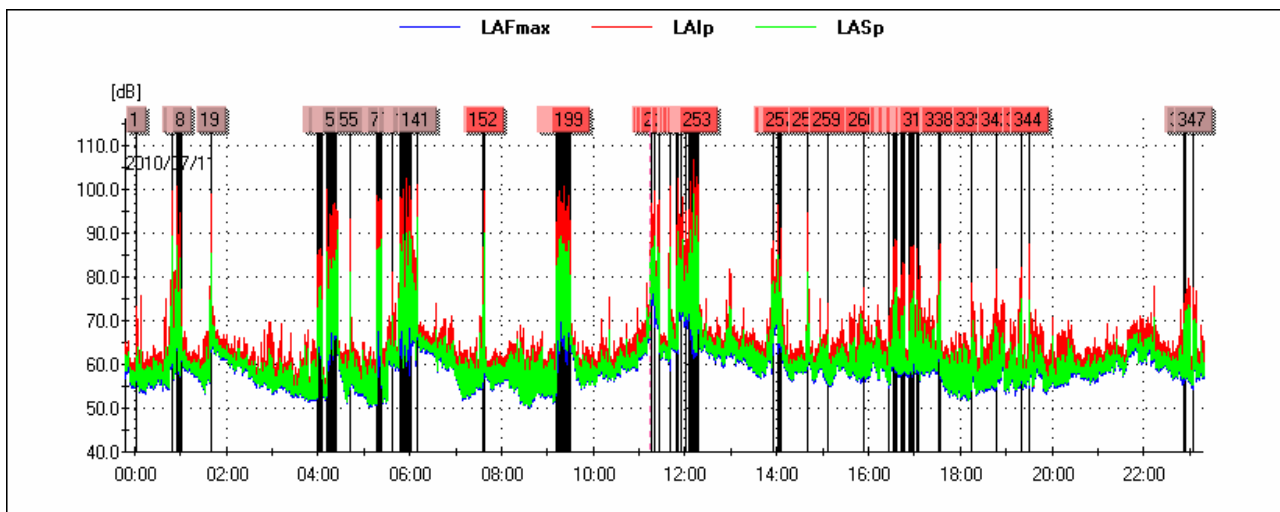
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/12 00:02:40	0.875	69.1	11.4
2	2010/07/12 00:49:07	1.000	74.0	8.8
3	2010/07/12 00:50:09	1.000	85.8	11.4
4	2010/07/12 00:50:11	0.750	91.0	9.6
5	2010/07/12 00:55:49	0.500	96.0	13.6
6	2010/07/12 00:58:01	0.625	85.0	13.2
7	2010/07/12 01:00:24	1.000	75.7	8.4
8	2010/07/12 01:00:45	0.875	74.7	8.8
9	2010/07/12 01:39:43	0.750	89.2	9.2
10	2010/07/12 01:39:45	0.875	87.8	11.4
11	2010/07/12 01:39:47	1.000	87.6	10.6
12	2010/07/12 01:39:48	0.625	87.3	10.1
13	2010/07/12 01:39:52	1.000	92.5	13.2
14	2010/07/12 01:39:56	0.625	88.4	11.1
15	2010/07/12 01:40:02	1.000	88.6	12.8
16	2010/07/12 01:40:03	0.500	88.8	10.3
17	2010/07/12 01:40:06	0.625	90.1	11.7
18	2010/07/12 01:40:07	0.750	91.8	11.8
19	2010/07/12 01:40:36	0.625	93.9	13.8
20	2010/07/12 03:59:38	0.750	69.6	11.5
21	2010/07/12 03:59:47	0.750	78.8	12.5
22	2010/07/12 03:59:49	0.750	78.8	10.2
23	2010/07/12 04:00:24	0.625	80.6	12.0
24	2010/07/12 04:01:48	0.750	81.7	11.5
25	2010/07/12 04:01:56	1.000	77.3	9.7
26	2010/07/12 04:03:24	0.875	82.4	10.3
27	2010/07/12 04:04:25	0.750	81.7	9.9
28	2010/07/12 04:12:21	0.500	94.9	14.1
29	2010/07/12 04:13:34	0.750	82.4	11.4

30	2010/07/12 04:15:49	0.875	85.2	9.9
31	2010/07/12 04:15:50	0.625	87.3	11.4
32	2010/07/12 04:15:52	1.000	84.7	10.0
33	2010/07/12 04:16:11	1.000	82.7	10.7
34	2010/07/12 04:16:46	0.875	79.4	10.9
35	2010/07/12 04:17:05	1.000	80.2	9.5
36	2010/07/12 04:17:22	0.625	89.2	12.3
37	2010/07/12 04:17:42	0.875	86.4	10.6
38	2010/07/12 04:17:47	0.875	83.8	8.6
39	2010/07/12 04:19:43	0.625	85.5	10.3
40	2010/07/12 04:19:48	0.625	86.9	10.5
41	2010/07/12 04:19:49	0.625	89.0	12.2
42	2010/07/12 04:19:51	0.625	88.2	11.5
43	2010/07/12 04:19:53	0.750	91.8	10.9
44	2010/07/12 04:19:54	0.750	86.8	10.5
45	2010/07/12 04:19:56	0.625	79.7	10.4
46	2010/07/12 04:20:00	0.500	91.4	13.9
47	2010/07/12 04:20:37	0.625	86.2	12.2
48	2010/07/12 04:20:49	0.750	92.3	13.2
49	2010/07/12 04:23:16	0.750	90.6	12.6
50	2010/07/12 04:23:45	1.000	80.3	11.2
51	2010/07/12 04:42:37	0.625	87.3	11.7
52	2010/07/12 04:42:39	1.000	82.4	8.2
53	2010/07/12 04:42:47	1.000	88.7	12.2
54	2010/07/12 04:42:50	1.000	78.8	9.4
55	2010/07/12 04:42:58	0.750	84.5	12.6
56	2010/07/12 05:17:43	0.875	90.1	13.0
57	2010/07/12 05:17:52	0.625	93.8	12.4
58	2010/07/12 05:18:11	0.625	92.5	13.1
59	2010/07/12 05:18:14	0.625	86.8	9.1
60	2010/07/12 05:18:18	0.500	90.7	13.4
61	2010/07/12 05:18:18	0.750	92.1	12.0

62	2010/07/12 05:18:24	0.875	87.5	9.5
63	2010/07/12 05:18:28	0.625	87.4	9.9
64	2010/07/12 05:18:31	0.875	83.1	8.9
65	2010/07/12 05:18:42	0.750	88.9	12.8
66	2010/07/12 05:18:49	0.875	80.7	9.5
67	2010/07/12 05:18:50	0.625	84.0	11.9
68	2010/07/12 05:18:51	1.000	85.4	10.0
69	2010/07/12 05:18:53	0.625	88.2	12.3
70	2010/07/12 05:18:54	0.750	91.3	12.6
71	2010/07/12 05:19:16	0.625	88.4	10.8
72	2010/07/12 05:19:35	0.875	88.8	11.7
73	2010/07/12 05:20:10	0.750	93.6	11.3
74	2010/07/12 05:20:24	0.625	93.5	12.2
75	2010/07/12 05:22:05	1.000	85.9	8.5
76	2010/07/12 05:22:52	0.625	83.7	12.1
77	2010/07/12 05:36:28	0.875	76.1	9.6
78	2010/07/12 05:37:52	0.750	77.9	10.7
79	2010/07/12 05:47:39	0.750	87.2	8.3
80	2010/07/12 05:47:43	0.625	91.9	12.9
81	2010/07/12 05:47:47	1.000	87.5	9.8
82	2010/07/12 05:48:56	0.500	88.8	11.3
83	2010/07/12 05:49:00	0.875	91.2	9.4
84	2010/07/12 05:49:07	0.875	87.8	8.8
85	2010/07/12 05:49:13	1.000	79.8	9.4
86	2010/07/12 05:49:17	0.875	89.4	10.6
87	2010/07/12 05:49:18	0.750	87.7	9.9
88	2010/07/12 05:49:21	0.875	88.0	10.5
89	2010/07/12 05:49:22	0.625	87.9	9.1
90	2010/07/12 05:50:08	0.875	93.7	12.3
91	2010/07/12 05:50:31	0.750	89.2	11.7
92	2010/07/12 05:50:32	1.000	88.7	9.0
93	2010/07/12 05:50:44	0.625	92.2	10.8



94	2010/07/12 05:51:17	1.000	76.0	8.9
95	2010/07/12 05:51:44	0.875	88.3	9.0
96	2010/07/12 05:51:46	0.750	85.0	7.9
97	2010/07/12 05:51:47	0.750	95.5	10.5
98	2010/07/12 05:51:49	0.625	92.1	10.3
99	2010/07/12 05:51:58	0.625	95.7	10.4
100	2010/07/12 05:52:33	1.000	81.7	12.1
101	2010/07/12 05:52:58	0.625	84.2	11.1
102	2010/07/12 05:54:36	0.875	79.3	10.2
103	2010/07/12 05:55:13	0.875	86.3	10.1
104	2010/07/12 05:55:34	1.000	83.5	7.3
105	2010/07/12 05:55:45	0.625	96.8	13.5
106	2010/07/12 05:55:52	0.625	94.0	11.4
107	2010/07/12 05:56:58	0.750	85.2	13.2
108	2010/07/12 05:57:48	0.750	75.2	9.9
109	2010/07/12 05:58:21	1.000	75.4	8.2
110	2010/07/12 05:58:39	1.000	84.2	8.2
111	2010/07/12 05:58:41	1.000	89.1	11.0
112	2010/07/12 05:58:58	0.750	90.2	10.7
113	2010/07/12 05:59:05	0.625	95.7	10.4
114	2010/07/12 05:59:08	0.625	92.1	10.1
115	2010/07/12 05:59:10	1.000	83.4	10.2
116	2010/07/12 05:59:14	0.875	94.0	13.9
117	2010/07/12 05:59:22	0.750	96.1	12.0
118	2010/07/12 05:59:33	1.000	95.6	9.8
119	2010/07/12 05:59:44	1.000	96.7	10.5
120	2010/07/12 06:00:01	0.875	94.9	10.8
121	2010/07/12 06:00:05	0.875	89.4	9.3
122	2010/07/12 06:00:21	0.750	94.2	11.8
123	2010/07/12 06:00:25	1.000	90.0	11.2
124	2010/07/12 06:00:27	0.875	90.8	10.3
125	2010/07/12 06:00:44	0.750	93.5	10.7

126	2010/07/12 06:00:46	1.000	90.5	7.6
127	2010/07/12 06:00:52	0.750	89.5	11.6
128	2010/07/12 06:00:56	0.625	93.1	12.3
129	2010/07/12 06:00:57	0.875	92.9	8.0
130	2010/07/12 06:01:01	0.500	90.8	11.7
131	2010/07/12 06:01:05	0.875	83.9	10.5
132	2010/07/12 06:09:16	0.500	90.9	13.7
133	2010/07/12 06:09:18	0.500	92.3	11.0
134	2010/07/12 06:09:19	1.000	91.9	9.2
135	2010/07/12 06:09:20	0.625	93.1	10.5
136	2010/07/12 06:09:24	0.750	96.6	12.9
137	2010/07/12 06:09:25	1.000	93.5	7.8
138	2010/07/12 06:09:27	1.000	90.8	9.7
139	2010/07/12 06:09:31	0.875	84.3	8.8
140	2010/07/12 06:09:37	0.875	84.8	12.6
141	2010/07/12 06:09:48	0.875	85.9	11.4
142	2010/07/12 07:35:46	0.750	78.7	9.6
143	2010/07/12 07:36:07	0.625	70.8	12.5
144	2010/07/12 07:36:15	1.000	70.6	8.2
145	2010/07/12 07:36:20	0.875	82.0	13.1
146	2010/07/12 07:36:36	0.625	76.8	10.7
147	2010/07/12 07:36:45	0.500	94.8	13.9
148	2010/07/12 07:37:30	0.750	93.4	13.2
149	2010/07/12 07:37:32	0.625	88.3	11.6
150	2010/07/12 07:37:35	1.000	94.9	8.5
151	2010/07/12 07:37:37	1.000	78.6	9.9
152	2010/07/12 07:37:47	0.500	87.9	13.8
153	2010/07/12 09:12:05	0.625	74.9	13.0
154	2010/07/12 09:12:07	0.625	76.7	11.7
155	2010/07/12 09:12:16	0.750	77.3	10.8
156	2010/07/12 09:12:27	0.750	88.5	11.0
157	2010/07/12 09:12:48	0.875	87.0	12.3

158	2010/07/12 09:12:53	0.875	87.7	10.4
159	2010/07/12 09:13:02	0.875	89.6	11.2
160	2010/07/12 09:13:03	0.875	86.8	10.0
161	2010/07/12 09:13:04	0.625	88.5	11.2
162	2010/07/12 09:13:49	0.875	92.9	14.0
163	2010/07/12 09:15:22	0.625	83.4	10.1
164	2010/07/12 09:15:31	0.750	93.9	12.6
165	2010/07/12 09:15:32	0.625	95.6	10.8
166	2010/07/12 09:16:08	0.750	85.9	10.9
167	2010/07/12 09:17:41	0.875	85.6	9.2
168	2010/07/12 09:18:13	0.625	91.1	11.8
169	2010/07/12 09:18:19	0.875	86.0	8.7
170	2010/07/12 09:18:23	0.875	86.0	10.0
171	2010/07/12 09:18:39	1.000	86.8	11.6
172	2010/07/12 09:18:47	0.750	87.1	10.0
173	2010/07/12 09:18:49	0.875	87.1	8.5
174	2010/07/12 09:19:11	0.750	89.2	9.2
175	2010/07/12 09:19:25	0.750	88.4	9.1
176	2010/07/12 09:19:26	0.750	92.5	10.4
177	2010/07/12 09:19:59	0.625	90.6	11.8
178	2010/07/12 09:20:16	1.000	85.8	8.7
179	2010/07/12 09:20:26	0.625	86.7	11.1
180	2010/07/12 09:21:16	0.625	90.8	12.0
181	2010/07/12 09:21:18	0.875	84.4	11.9
182	2010/07/12 09:21:19	0.625	95.3	11.0
183	2010/07/12 09:21:24	0.750	95.7	13.6
184	2010/07/12 09:21:38	0.750	82.8	11.0
185	2010/07/12 09:23:03	0.625	88.9	13.2
186	2010/07/12 09:23:20	0.875	83.2	12.6
187	2010/07/12 09:23:28	0.750	84.1	10.1
188	2010/07/12 09:23:35	0.625	81.1	13.3
189	2010/07/12 09:23:45	0.625	79.4	12.1

190	2010/07/12 09:23:48	0.750	78.2	10.7
191	2010/07/12 09:26:08	0.750	90.0	10.0
192	2010/07/12 09:26:09	0.500	91.6	11.2
193	2010/07/12 09:26:49	0.875	91.9	10.4
194	2010/07/12 09:27:30	0.500	93.5	13.7
195	2010/07/12 09:27:31	0.625	92.9	10.9
196	2010/07/12 09:27:35	0.750	93.4	9.4
197	2010/07/12 09:27:40	0.750	89.3	11.1
198	2010/07/12 09:29:19	1.000	80.6	8.5
199	2010/07/12 09:30:26	0.875	88.0	12.5
200	2010/07/12 11:16:59	1.000	92.6	10.9
201	2010/07/12 11:19:47	0.625	94.2	12.6
202	2010/07/12 11:25:23	1.000	92.5	12.2
203	2010/07/12 11:25:26	0.500	92.6	12.7
204	2010/07/12 11:25:41	0.625	84.0	12.1
205	2010/07/12 11:40:58	0.500	95.7	14.0
206	2010/07/12 11:49:31	0.625	88.7	9.4
207	2010/07/12 11:50:07	0.875	90.3	11.5
208	2010/07/12 11:50:35	0.625	89.6	11.1
209	2010/07/12 11:50:41	1.000	97.2	11.9
210	2010/07/12 11:51:40	0.875	79.9	6.5
211	2010/07/12 11:51:43	1.000	82.4	10.9
212	2010/07/12 11:51:47	0.750	98.4	12.1
213	2010/07/12 11:55:05	0.625	84.7	11.5
214	2010/07/12 12:00:05	1.000	83.1	10.6
215	2010/07/12 12:05:59	1.000	92.4	9.8
216	2010/07/12 12:06:17	0.750	97.5	12.0
217	2010/07/12 12:06:21	1.000	96.6	11.1
218	2010/07/12 12:06:52	0.750	97.3	11.2
219	2010/07/12 12:07:21	1.000	87.8	8.8
220	2010/07/12 12:07:39	0.625	95.4	10.5
221	2010/07/12 12:07:44	0.625	81.5	8.4

222	2010/07/12 12:07:50	0.875	87.4	12.0
223	2010/07/12 12:08:41	1.000	86.1	7.5
224	2010/07/12 12:09:15	0.625	89.2	9.0
225	2010/07/12 12:09:41	0.750	87.9	11.9
226	2010/07/12 12:09:42	0.875	86.5	9.5
227	2010/07/12 12:10:16	1.000	97.0	8.3
228	2010/07/12 12:10:24	0.875	98.6	13.2
229	2010/07/12 12:10:44	1.000	98.9	7.7
230	2010/07/12 12:10:46	0.750	97.9	11.6
231	2010/07/12 12:10:58	0.750	97.9	10.9
232	2010/07/12 12:11:01	1.000	81.8	10.9
233	2010/07/12 12:11:20	0.625	98.4	10.2
234	2010/07/12 12:11:23	0.625	98.8	13.2
235	2010/07/12 12:11:28	0.875	100.4	9.5
236	2010/07/12 12:11:31	0.875	92.6	8.2
237	2010/07/12 12:11:36	0.750	102.8	6.5
238	2010/07/12 12:11:50	0.625	90.2	12.3
239	2010/07/12 12:12:27	0.625	84.5	10.0
240	2010/07/12 12:13:49	0.875	90.6	8.1
241	2010/07/12 12:13:50	0.625	87.6	10.2
242	2010/07/12 12:13:55	1.000	90.5	12.0
243	2010/07/12 12:14:14	0.500	92.6	14.0
244	2010/07/12 12:14:15	0.750	95.0	9.9
245	2010/07/12 12:14:17	0.625	95.5	12.0
246	2010/07/12 12:14:38	0.750	94.8	7.6
247	2010/07/12 12:14:40	0.625	97.4	13.0
248	2010/07/12 12:14:41	0.875	89.0	13.6
249	2010/07/12 12:14:43	0.750	87.8	10.9
250	2010/07/12 12:14:44	0.625	96.8	11.4
251	2010/07/12 12:14:52	1.000	89.6	11.0
252	2010/07/12 12:14:53	0.625	93.1	12.2
253	2010/07/12 12:17:18	0.500	96.7	13.2

254	2010/07/12 13:55:48	0.875	83.6	10.3
255	2010/07/12 14:00:41	1.000	85.4	13.3
256	2010/07/12 14:03:06	0.875	81.5	8.9
257	2010/07/12 14:05:10	1.000	81.3	9.9
258	2010/07/12 14:40:06	0.500	90.2	13.4
259	2010/07/12 15:05:50	0.875	72.0	6.8
260	2010/07/12 15:54:28	0.750	71.5	9.4
261	2010/07/12 16:26:37	0.875	68.2	8.8
262	2010/07/12 16:31:52	0.625	78.1	11.8
263	2010/07/12 16:32:33	0.500	82.3	13.3
264	2010/07/12 16:32:59	0.750	75.4	11.9
265	2010/07/12 16:33:40	0.750	76.6	12.7
266	2010/07/12 16:34:12	0.625	78.7	12.1
267	2010/07/12 16:34:15	1.000	82.5	10.2
268	2010/07/12 16:35:23	0.750	83.5	12.5
269	2010/07/12 16:35:35	0.625	84.4	12.9
270	2010/07/12 16:35:38	0.875	81.5	10.6
271	2010/07/12 16:35:39	0.875	83.4	9.6
272	2010/07/12 16:35:44	0.625	81.6	12.4
273	2010/07/12 16:35:46	0.875	83.7	11.8
274	2010/07/12 16:35:52	0.625	76.5	12.3
275	2010/07/12 16:36:04	0.750	79.7	12.9
276	2010/07/12 16:36:10	0.625	78.6	12.8
277	2010/07/12 16:41:55	0.875	77.8	9.0
278	2010/07/12 16:44:57	0.875	70.7	9.9
279	2010/07/12 16:45:01	0.875	72.6	10.4
280	2010/07/12 16:45:16	0.625	78.4	12.0
281	2010/07/12 16:45:28	0.875	77.7	11.3
282	2010/07/12 16:45:31	0.875	73.7	9.5
283	2010/07/12 16:45:49	0.875	70.3	8.8
284	2010/07/12 16:46:02	0.750	76.4	11.8
285	2010/07/12 16:46:03	0.875	75.3	9.8

286	2010/07/12 16:46:05	1.000	76.3	9.3
287	2010/07/12 16:46:07	0.875	79.5	10.7
288	2010/07/12 16:52:18	0.625	75.7	12.7
289	2010/07/12 16:54:15	0.625	73.0	11.9
290	2010/07/12 16:54:16	0.750	72.2	10.6
291	2010/07/12 16:54:33	0.750	74.9	10.0
292	2010/07/12 16:55:55	0.750	81.2	13.0
293	2010/07/12 16:56:02	0.500	82.4	12.7
294	2010/07/12 16:56:13	0.750	81.5	10.6
295	2010/07/12 16:56:22	1.000	81.4	13.4
296	2010/07/12 16:56:33	0.750	70.5	11.6
297	2010/07/12 16:56:47	0.500	78.0	12.1
298	2010/07/12 16:57:00	0.500	79.9	12.7
299	2010/07/12 16:57:01	0.625	82.0	11.9
300	2010/07/12 16:57:19	0.750	79.6	12.1
301	2010/07/12 16:57:21	0.625	73.6	9.9
302	2010/07/12 16:57:24	0.875	80.5	10.0
303	2010/07/12 16:57:42	0.875	69.5	9.6
304	2010/07/12 16:57:53	0.875	70.3	9.1
305	2010/07/12 16:58:04	0.750	76.8	9.0
306	2010/07/12 16:58:14	0.625	82.1	12.7
307	2010/07/12 16:58:17	1.000	82.5	11.3
308	2010/07/12 16:58:23	0.875	82.0	12.4
309	2010/07/12 16:58:30	0.750	75.6	9.6
310	2010/07/12 16:58:55	1.000	79.7	12.3
311	2010/07/12 16:58:56	0.500	81.8	11.7
312	2010/07/12 16:59:33	0.875	73.9	11.0
313	2010/07/12 16:59:35	0.625	77.6	12.5
314	2010/07/12 16:59:37	0.625	75.2	11.4
315	2010/07/12 17:03:19	0.625	81.6	11.7
316	2010/07/12 17:03:34	0.625	78.5	10.2
317	2010/07/12 17:03:51	1.000	73.4	8.1

318	2010/07/12 17:04:37	0.750	72.7	10.8
319	2010/07/12 17:05:46	0.750	75.3	11.6
320	2010/07/12 17:31:22	0.625	80.9	11.9
321	2010/07/12 17:31:47	0.750	79.0	9.1
322	2010/07/12 17:31:48	0.750	77.0	8.8
323	2010/07/12 17:31:51	0.625	80.1	9.7
324	2010/07/12 17:31:53	0.750	79.7	10.9
325	2010/07/12 17:32:03	1.000	74.4	10.4
326	2010/07/12 17:32:09	0.625	77.7	12.5
327	2010/07/12 17:32:09	0.750	78.6	11.6
328	2010/07/12 17:32:10	0.625	77.2	9.9
329	2010/07/12 17:32:11	0.500	78.7	10.9
330	2010/07/12 17:32:29	0.750	76.2	10.0
331	2010/07/12 17:32:40	0.875	77.5	9.9
332	2010/07/12 17:32:42	0.625	75.9	9.3
333	2010/07/12 17:32:43	0.875	76.3	7.1
334	2010/07/12 17:33:00	0.500	80.2	12.3
335	2010/07/12 17:33:02	0.625	77.5	12.3
336	2010/07/12 17:33:04	0.625	82.8	10.0
337	2010/07/12 17:33:05	0.500	83.4	10.6
338	2010/07/12 17:33:09	0.625	80.8	12.1
339	2010/07/12 18:14:25	0.625	74.0	13.0
340	2010/07/12 18:48:04	0.625	77.1	13.2
341	2010/07/12 18:48:07	0.875	70.1	10.9
342	2010/07/12 18:48:17	0.875	71.4	11.5
343	2010/07/12 19:19:16	0.875	78.6	10.1
344	2010/07/12 19:30:45	0.500	83.2	13.1
345	2010/07/12 22:52:14	1.000	68.6	8.5
346	2010/07/12 22:55:14	1.000	69.2	8.5
347	2010/07/12 23:04:10	0.750	74.3	8.1



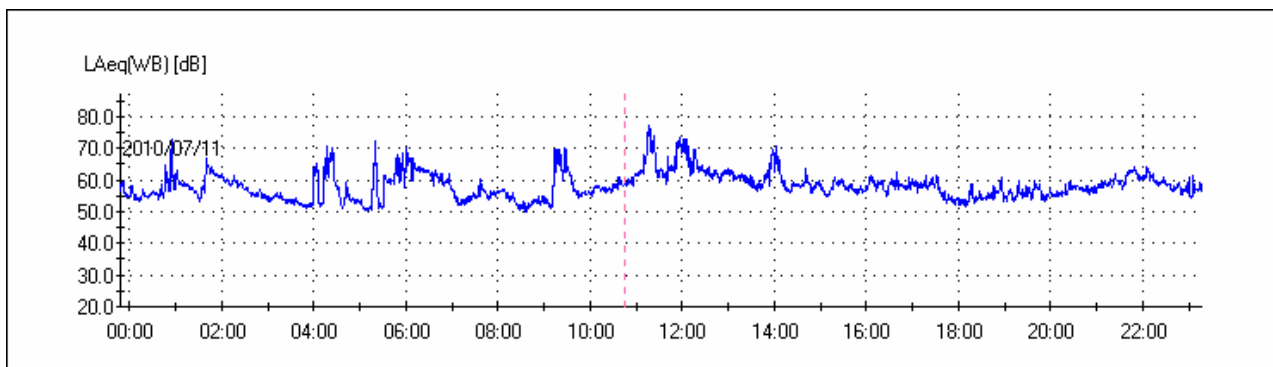
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

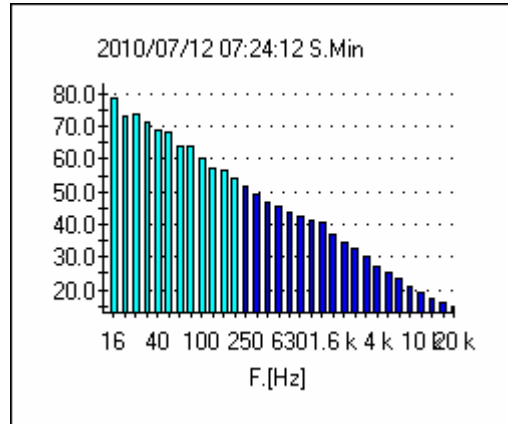
L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

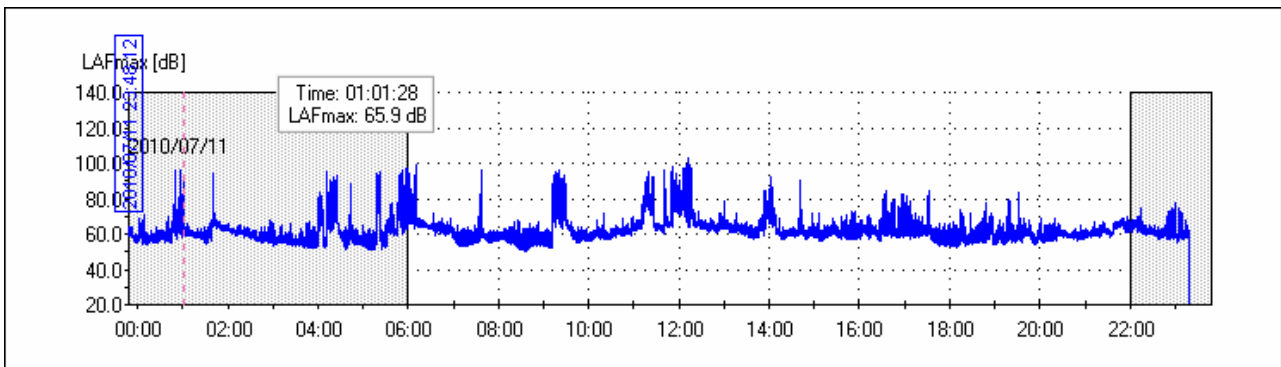


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

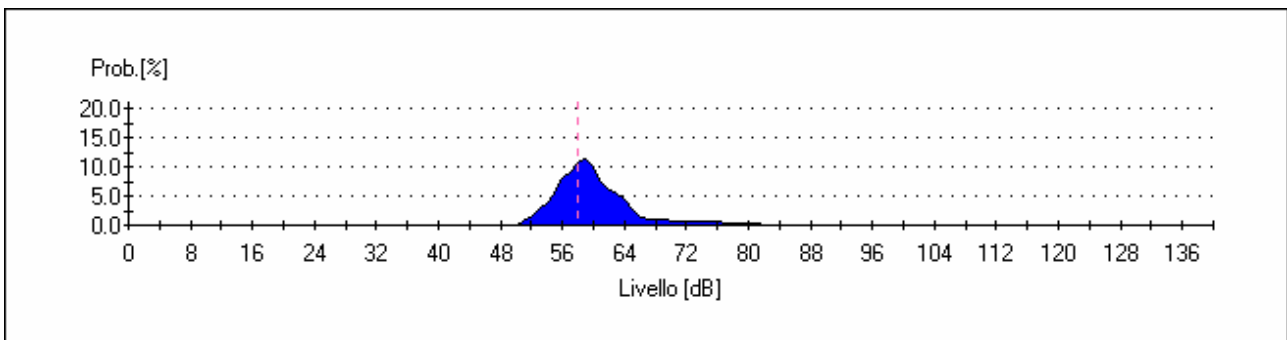
**TIME HISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

CUMULATIVA

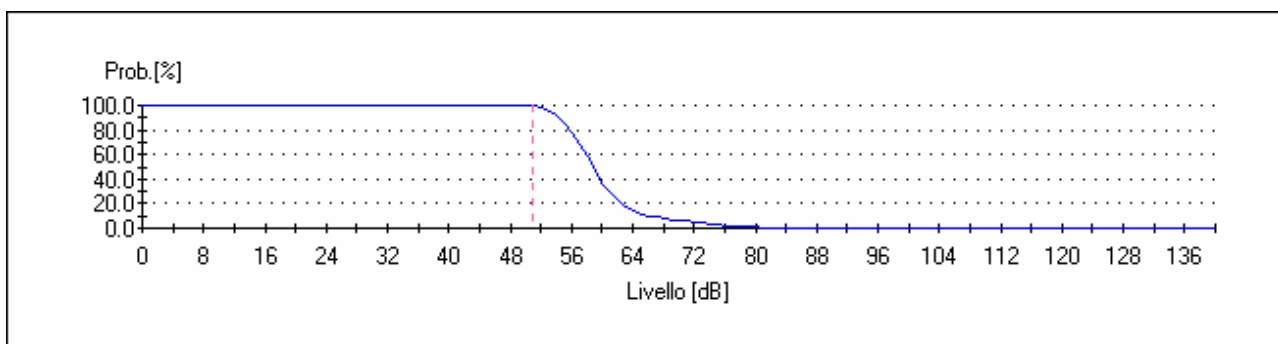
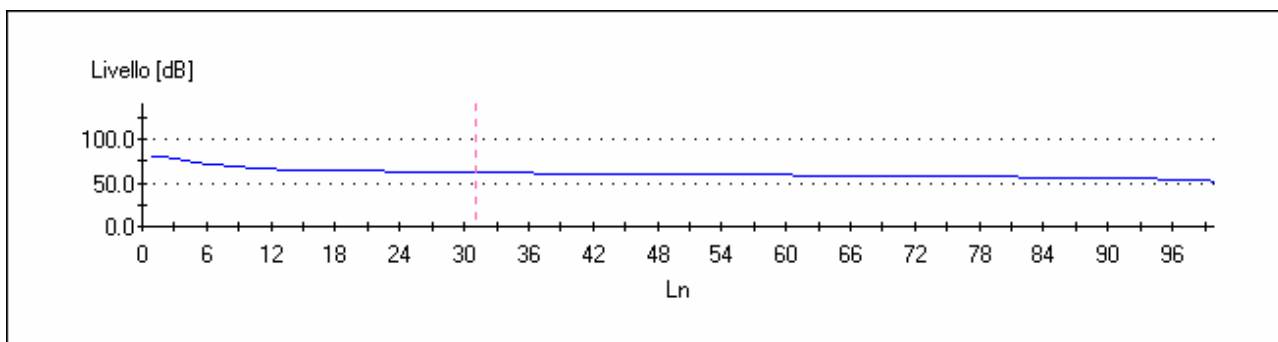


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	80.0
<b>1</b>	<b>80.0</b>
2	78.0
3	76.0
4	74.0
<b>5</b>	<b>73.0</b>
6	71.0
7	70.0
8	69.0
9	67.0
<b>10</b>	<b>66.5</b>
11	66.0
12	65.7
13	65.3
14	65.0
15	64.8
16	64.6
17	64.4
18	64.2
19	64.0
20	63.8
21	63.7
22	63.5
23	63.3
24	63.2
25	63.0
26	62.9
27	62.7

28	62.6
29	62.4
30	62.3
31	62.1
32	62.0
33	61.9
34	61.8
35	61.6
36	61.5
37	61.4
38	61.3
39	61.1
40	61.0
41	60.9
42	60.8
43	60.7
44	60.6
45	60.5
46	60.4
47	60.3
48	60.2
49	60.1
50	60.0
51	59.9
52	59.8
53	59.8
54	59.7
55	59.6
56	59.5
57	59.5
58	59.4
59	59.3

60	59.2
61	59.2
62	59.1
63	59.0
64	58.9
65	58.8
66	58.7
67	58.6
68	58.5
69	58.5
70	58.4
71	58.3
72	58.2
73	58.1
74	58.0
75	57.9
76	57.8
77	57.7
78	57.6
79	57.4
80	57.3
81	57.2
82	57.1
83	57.0
84	56.9
85	56.7
86	56.6
87	56.4
88	56.3
89	56.1
90	56.0
91	55.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

92	55.6
93	55.4
94	55.2
95	55.0
96	54.5
97	54.0
98	53.5
99	53.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	79.0
1	79.0
2	76.0
3	74.0
4	72.0
5	71.0
6	70.0
7	69.0
8	68.0
9	67.0
10	66.5
11	66.0
12	65.5
13	65.0
14	64.5
15	64.0
16	63.7
17	63.3
18	63.0
19	62.8

20	62.6
21	62.4
22	62.2
23	62.0
24	61.9
25	61.7
26	61.6
27	61.4
28	61.3
29	61.1
30	61.0
31	60.9
32	60.8
33	60.7
34	60.6
35	60.4
36	60.3
37	60.2
38	60.1
39	60.0
40	59.9
41	59.8
42	59.7
43	59.6
44	59.4
45	59.3
46	59.2
47	59.1
48	59.0
49	58.9
50	58.8
51	58.6



52	58.5
53	58.4
54	58.3
55	58.1
56	58.0
57	57.9
58	57.8
59	57.7
60	57.6
61	57.4
62	57.3
63	57.2
64	57.1
65	57.0
66	56.9
67	56.8
68	56.7
69	56.6
70	56.5
71	56.4
72	56.3
73	56.2
74	56.1
75	56.0
76	55.9
77	55.8
78	55.6
79	55.5
80	55.4
81	55.3
82	55.1
83	55.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

84	54.8
85	54.7
86	54.5
87	54.3
88	54.2
89	54.0
90	53.8
91	53.6
92	53.4
93	53.2
94	53.0
95	52.8
96	52.5
97	52.3
98	52.0
99	51.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

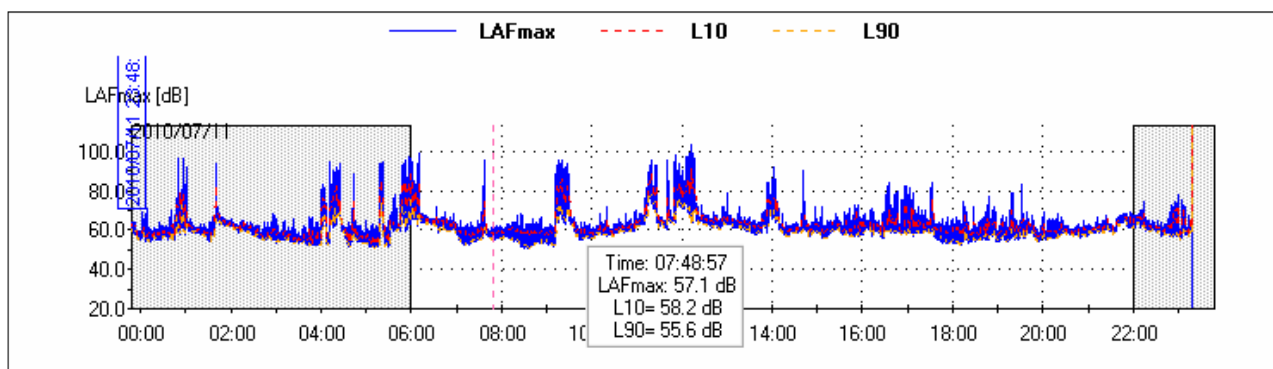
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
101.1	93.5	99
106.7	98.7	103.2
96.5	84.9	92.3
88.7	78.9	84.4
71.2	67.2	69.3
<b>106.7</b>	<b>98.7</b>	<b>103.2</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

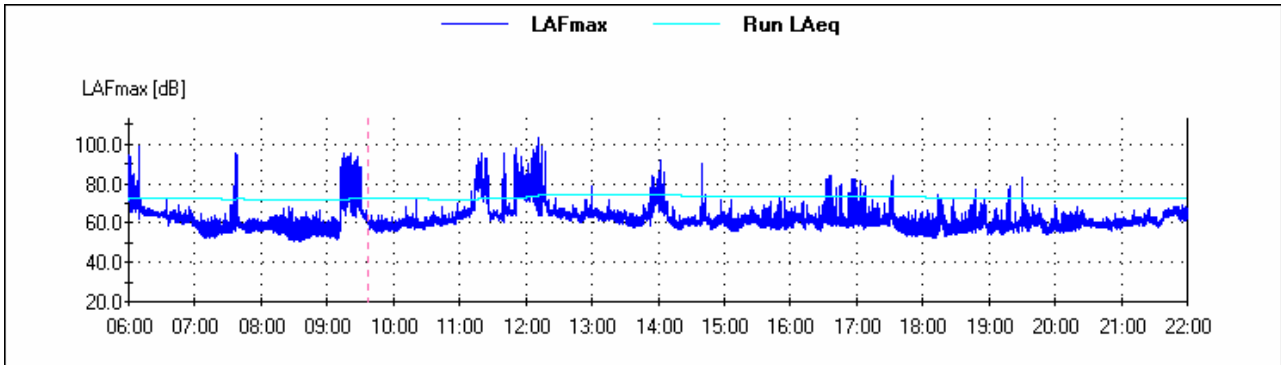
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
100.8	89.1	96.1
102.4	90.7	97.4
79.6	73.6	77.7
<b>102.4</b>	<b>90.7</b>	<b>97.4</b>

TIME HISTORY L10 – L90

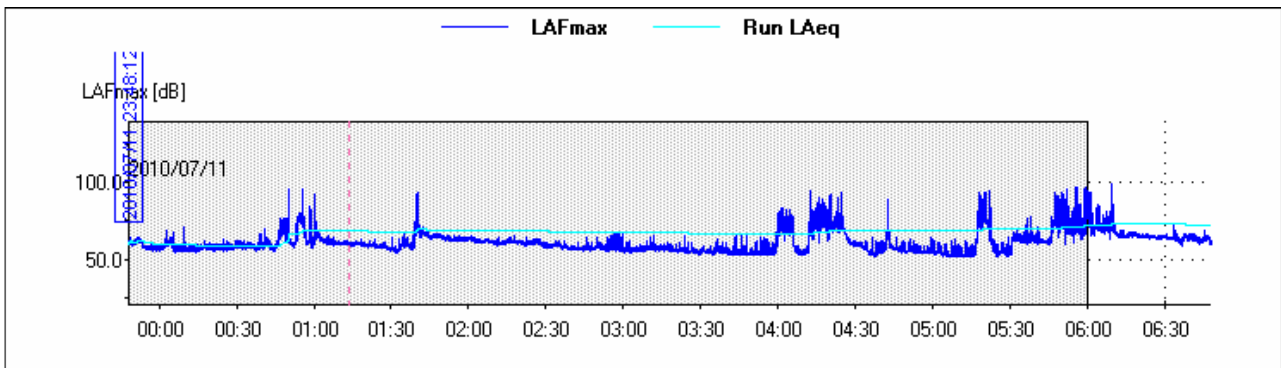


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

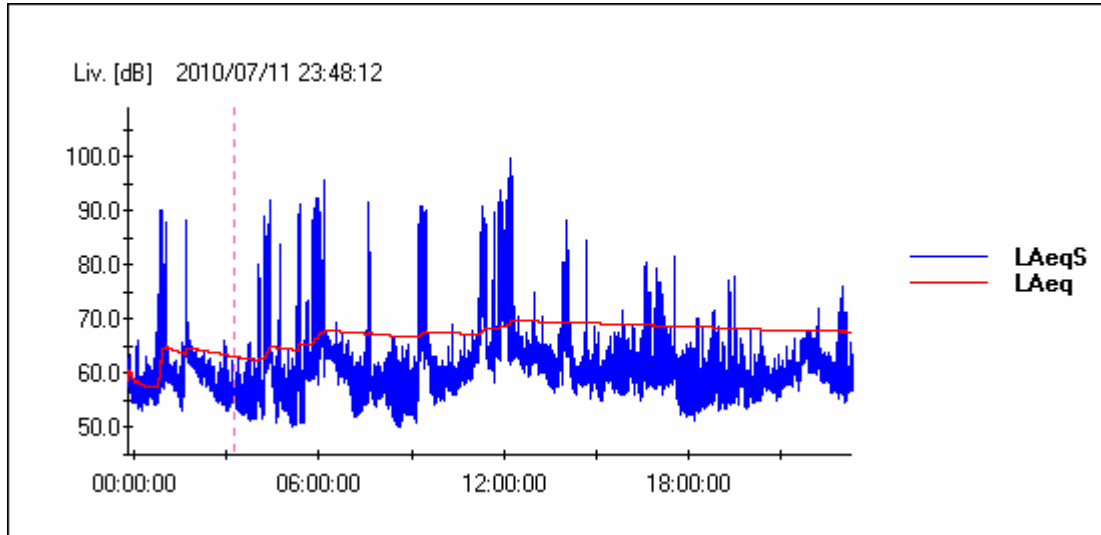
**RUNNING Leq DIURNO**



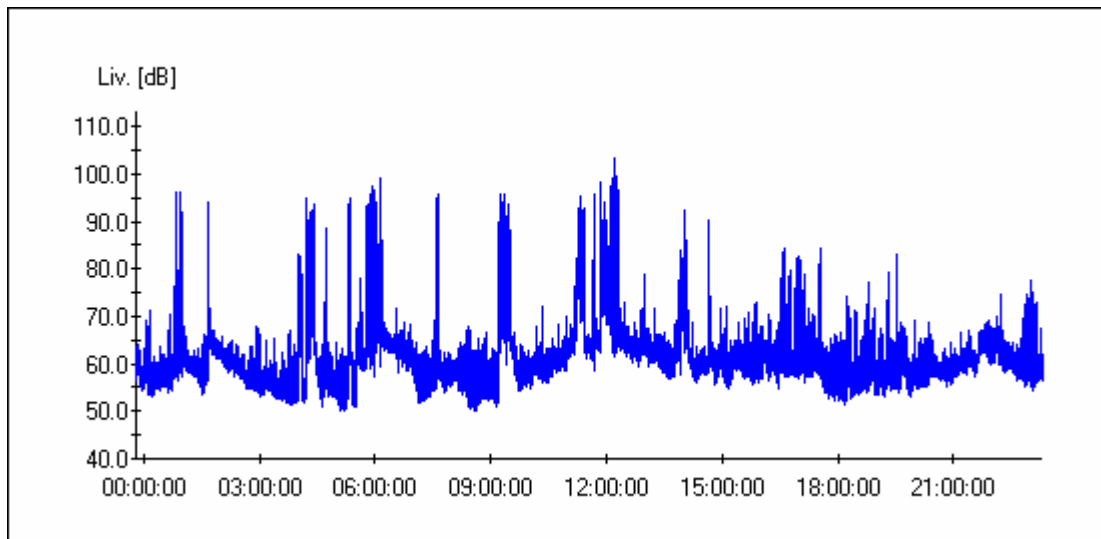
**RUNNING Leq NOTTURNO**



**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"

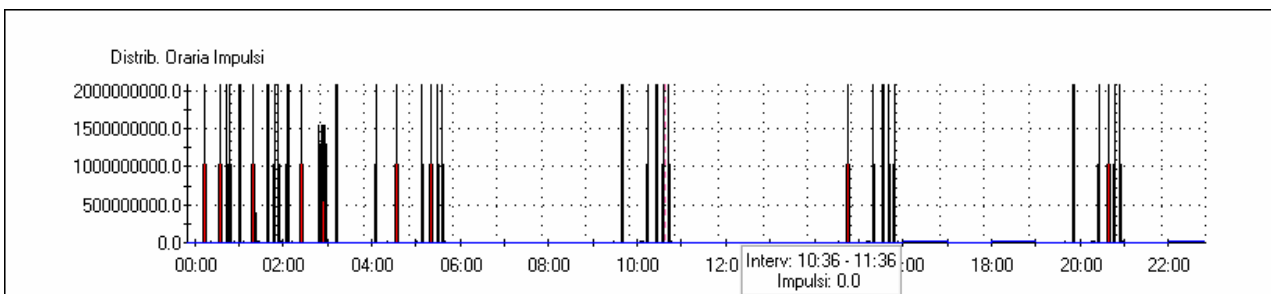
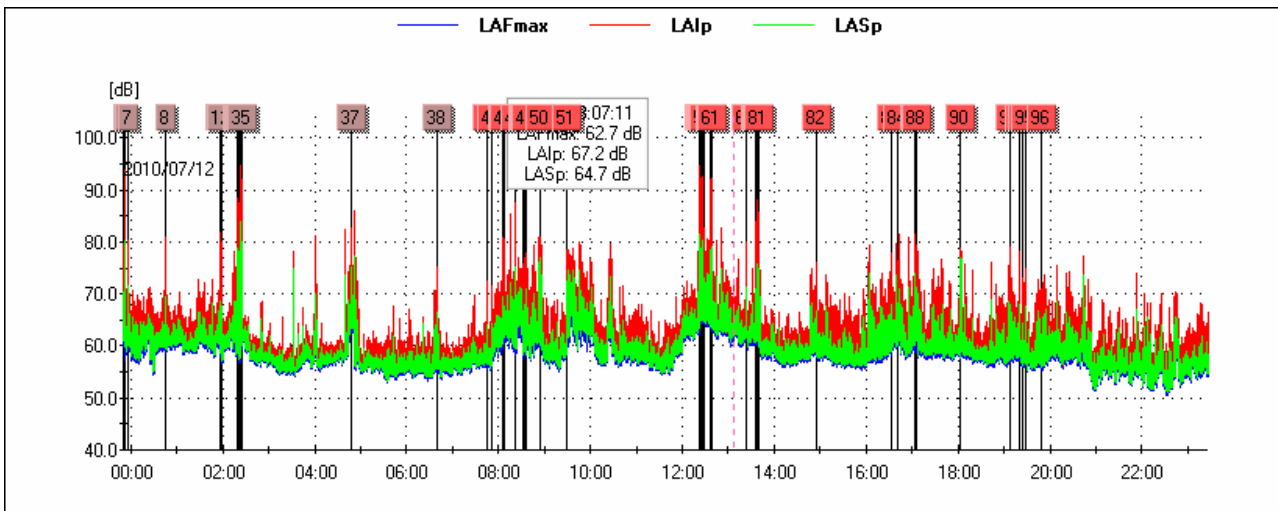


## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAI<sub>max</sub> e LAS<sub>max</sub> superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAF<sub>max</sub> inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/07/12 23:50:16	0.750	75.1	11.2
2	2010/07/12 23:51:12	0.625	89.2	13.4
3	2010/07/12 23:52:31	0.625	82.8	13.4
4	2010/07/12 23:52:32	0.625	79.1	12.1
5	2010/07/12 23:52:38	0.625	80.3	12.6
6	2010/07/12 23:52:55	0.750	87.7	11.8
7	2010/07/12 23:56:08	1.000	77.0	8.8
8	2010/07/13 00:45:36	1.000	76.0	12.3
9	2010/07/13 01:56:29	0.750	73.2	11.4
10	2010/07/13 01:57:17	0.625	77.3	13.1
11	2010/07/13 01:58:10	1.000	73.2	9.9
12	2010/07/13 01:58:29	0.625	75.6	12.4
13	2010/07/13 02:18:05	1.000	73.2	9.9
14	2010/07/13 02:19:25	0.625	80.1	10.4
15	2010/07/13 02:19:54	0.625	79.1	11.4
16	2010/07/13 02:20:06	0.875	79.2	12.8
17	2010/07/13 02:20:09	0.625	72.5	10.6
18	2010/07/13 02:20:18	0.750	82.2	13.1
19	2010/07/13 02:20:36	0.625	78.5	13.5
20	2010/07/13 02:20:47	0.750	71.6	6.6
21	2010/07/13 02:20:55	0.875	81.7	13.9
22	2010/07/13 02:21:09	0.875	72.9	10.0
23	2010/07/13 02:21:24	0.875	80.6	12.7
24	2010/07/13 02:21:27	0.875	84.8	8.9
25	2010/07/13 02:21:53	0.750	77.3	10.1
26	2010/07/13 02:22:14	1.000	79.5	9.4
27	2010/07/13 02:22:19	0.750	75.2	11.2
28	2010/07/13 02:22:20	0.625	74.7	10.4
29	2010/07/13 02:22:23	1.000	73.9	12.3
30	2010/07/13 02:22:26	0.750	78.1	12.9
31	2010/07/13 02:22:39	0.875	69.3	11.1

32	2010/07/13 02:22:42	0.750	91.4	10.8
33	2010/07/13 02:24:20	1.000	79.8	11.1
34	2010/07/13 02:24:28	0.625	80.7	11.6
35	2010/07/13 02:24:34	0.500	77.1	9.5
36	2010/07/13 04:47:00	1.000	78.1	6.5
37	2010/07/13 04:47:25	0.875	80.6	7.6
38	2010/07/13 06:40:27	0.875	72.7	9.0
39	2010/07/13 07:44:47	1.000	68.6	10.8
40	2010/07/13 07:51:26	1.000	70.2	7.2
41	2010/07/13 08:05:34	0.750	75.9	12.4
42	2010/07/13 08:05:36	0.625	76.8	11.2
43	2010/07/13 08:08:08	0.625	75.7	12.8
44	2010/07/13 08:21:04	0.625	80.0	10.4
45	2010/07/13 08:21:09	0.625	81.8	13.3
46	2010/07/13 08:31:06	0.750	72.1	9.6
47	2010/07/13 08:34:11	0.750	74.4	9.2
48	2010/07/13 08:35:38	1.000	72.2	7.4
49	2010/07/13 08:36:22	1.000	73.9	8.6
50	2010/07/13 08:54:00	1.000	76.9	9.3
51	2010/07/13 09:29:27	1.000	71.9	9.1
52	2010/07/13 12:22:02	0.625	89.9	13.2
53	2010/07/13 12:22:04	0.625	85.1	10.6
54	2010/07/13 12:22:33	0.625	87.0	13.3
55	2010/07/13 12:24:02	0.625	87.5	13.4
56	2010/07/13 12:24:31	0.875	78.8	11.2
57	2010/07/13 12:26:13	0.500	88.3	12.4
58	2010/07/13 12:29:06	0.750	79.3	9.2
59	2010/07/13 12:35:41	0.625	83.3	12.3
60	2010/07/13 12:35:57	0.625	87.2	13.4
61	2010/07/13 12:39:27	0.625	87.9	13.4
62	2010/07/13 13:23:10	0.625	78.1	8.6
63	2010/07/13 13:36:13	0.750	74.3	11.8



64	2010/07/13 13:36:28	0.500	79.2	13.2
65	2010/07/13 13:37:02	0.875	72.9	11.4
66	2010/07/13 13:37:10	0.625	78.1	12.8
67	2010/07/13 13:37:30	0.500	81.0	13.5
68	2010/07/13 13:37:32	0.625	79.4	12.7
69	2010/07/13 13:37:36	0.500	81.0	13.1
70	2010/07/13 13:38:01	0.750	74.8	9.2
71	2010/07/13 13:38:16	0.625	76.4	13.1
72	2010/07/13 13:38:20	0.875	75.2	11.7
73	2010/07/13 13:38:32	0.750	75.2	10.1
74	2010/07/13 13:38:35	0.625	84.1	12.9
75	2010/07/13 13:38:36	0.500	81.8	10.5
76	2010/07/13 13:39:13	0.500	81.1	12.3
77	2010/07/13 13:39:27	1.000	81.4	11.2
78	2010/07/13 13:39:28	0.625	80.8	10.4
79	2010/07/13 13:39:29	1.000	80.1	10.0
80	2010/07/13 13:40:17	0.625	81.4	11.7
81	2010/07/13 13:40:35	0.875	75.8	11.4
82	2010/07/13 14:54:24	0.875	73.5	9.3
83	2010/07/13 16:32:32	0.625	74.5	10.6
84	2010/07/13 16:40:25	1.000	71.8	9.1
85	2010/07/13 17:03:24	0.875	76.0	6.6
86	2010/07/13 17:04:26	0.875	75.5	9.6
87	2010/07/13 17:04:34	0.625	77.0	11.9
88	2010/07/13 17:06:28	1.000	73.5	7.6
89	2010/07/13 18:02:34	1.000	73.6	9.1
90	2010/07/13 18:02:56	1.000	70.0	8.5
91	2010/07/13 19:08:31	0.625	75.5	11.4
92	2010/07/13 19:08:33	0.750	72.8	10.9
93	2010/07/13 19:20:31	0.625	74.8	10.8
94	2010/07/13 19:24:43	0.750	70.1	8.8
95	2010/07/13 19:27:58	0.875	70.9	9.6

				<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>			<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

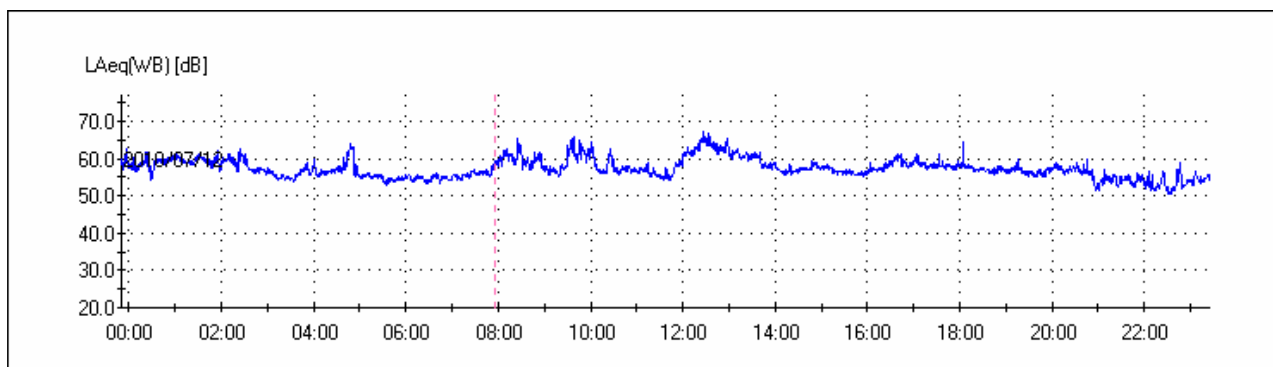
96	2010/07/13 19:48:58	1.000	67.6	8.9
----	---------------------	-------	------	-----

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	<b>PERSIST [%]</b>
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

### TIME HISTORY COMPONENTI TONALI

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

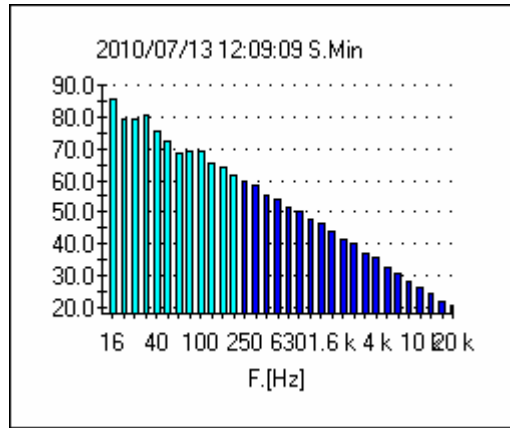
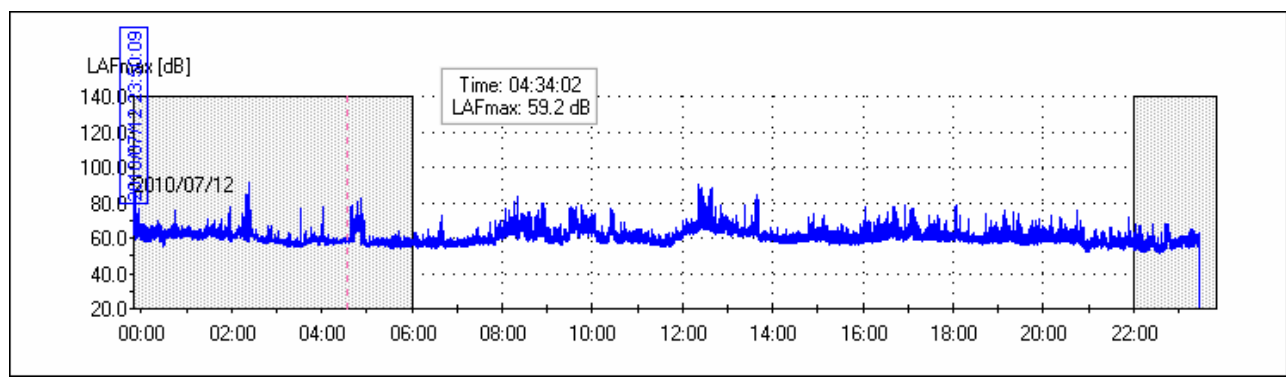
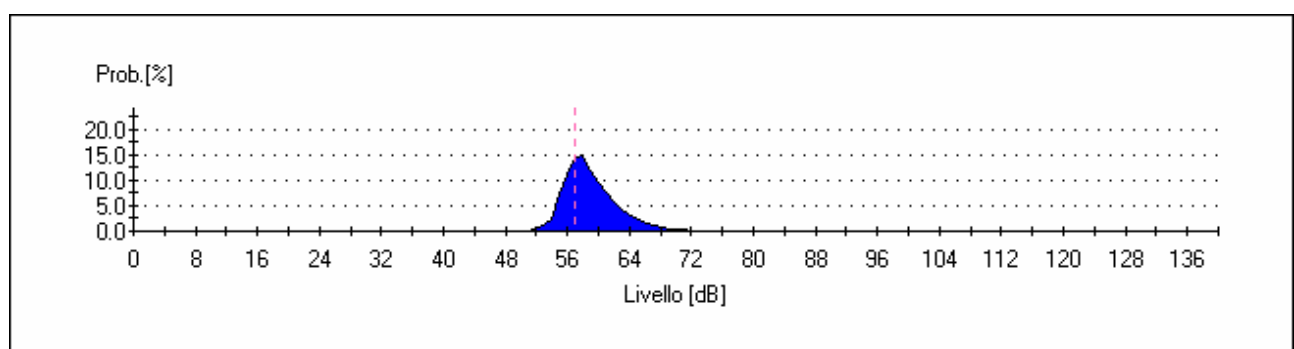


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO

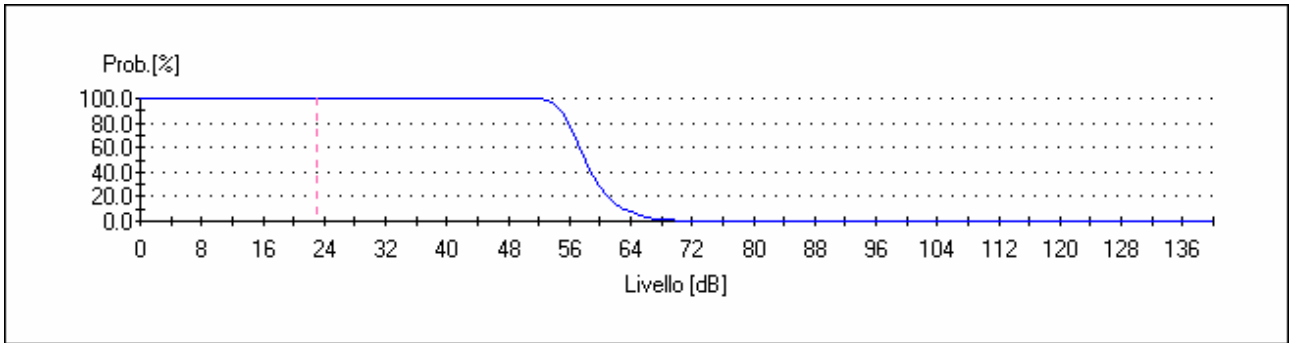


DISTRIBUTIVA

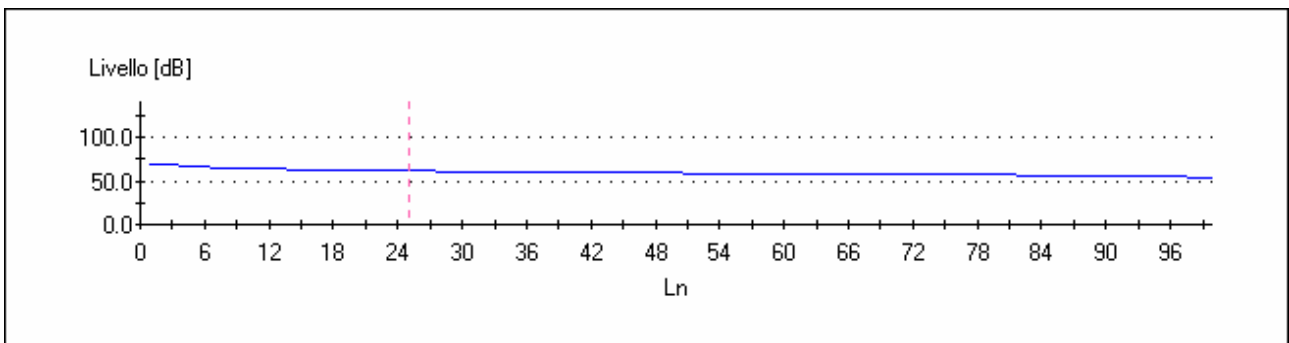


CUMULATIVA

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	



**GRAFICO PERCENTILI**



**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	70.0
1	70.0
2	68.0
3	67.5
4	67.0
5	66.5
6	66.0
7	65.5
8	65.0
9	64.8
10	64.5
11	64.3
12	64.0
13	63.8
14	63.6
15	63.4
16	63.2
17	63.0
18	62.8
19	62.7
20	62.5
21	62.3
22	62.2
23	62.0
24	61.8
25	61.7
26	61.5
27	61.3
28	61.2
29	61.0

30	60.9
31	60.8
32	60.7
33	60.6
34	60.4
35	60.3
36	60.2
37	60.1
38	60.0
39	59.9
40	59.9
41	59.8
42	59.7
43	59.6
44	59.6
45	59.5
46	59.4
47	59.4
48	59.3
49	59.2
50	59.1
51	59.1
52	59.0
53	58.9
54	58.9
55	58.8
56	58.8
57	58.7
58	58.6
59	58.6
60	58.5
61	58.5

62	58.4
63	58.4
64	58.3
65	58.2
66	58.2
67	58.1
68	58.1
69	58.0
70	57.9
71	57.9
72	57.8
73	57.7
74	57.6
75	57.6
76	57.5
77	57.4
78	57.4
79	57.3
80	57.2
81	57.1
82	57.1
83	57.0
84	56.9
85	56.8
86	56.7
87	56.6
88	56.4
89	56.3
90	56.2
91	56.1
92	56.0
93	55.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

94	55.6
95	55.4
96	55.2
97	55.0
98	54.5
99	54.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	68.0
1	68.0
2	66.0
3	65.0
4	64.5
5	64.0
6	63.7
7	63.3
8	63.0
9	62.8
10	62.7
11	62.5
12	62.3
13	62.2
14	62.0
15	61.9
16	61.8
17	61.7
18	61.6
19	61.5
20	61.4
21	61.3



22	61.2
23	61.1
24	61.0
25	60.9
26	60.8
27	60.7
28	60.6
29	60.5
30	60.4
31	60.3
32	60.2
33	60.1
34	60.0
35	59.8
36	59.7
37	59.5
38	59.3
39	59.2
40	59.0
41	58.9
42	58.8
43	58.7
44	58.6
45	58.5
46	58.4
47	58.3
48	58.2
49	58.1
50	58.0
51	57.9
52	57.9
53	57.8

54	57.7
55	57.7
56	57.6
57	57.5
58	57.5
59	57.4
60	57.3
61	57.3
62	57.2
63	57.1
64	57.1
65	57.0
66	56.9
67	56.9
68	56.8
69	56.7
70	56.7
71	56.6
72	56.5
73	56.5
74	56.4
75	56.3
76	56.3
77	56.2
78	56.1
79	56.1
80	56.0
81	55.9
82	55.8
83	55.7
84	55.6
85	55.5

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

86	55.5
87	55.4
88	55.3
89	55.2
90	55.1
91	55.0
92	54.8
93	54.5
94	54.3
95	54.0
96	53.7
97	53.3
98	53.0
99	52.0

LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

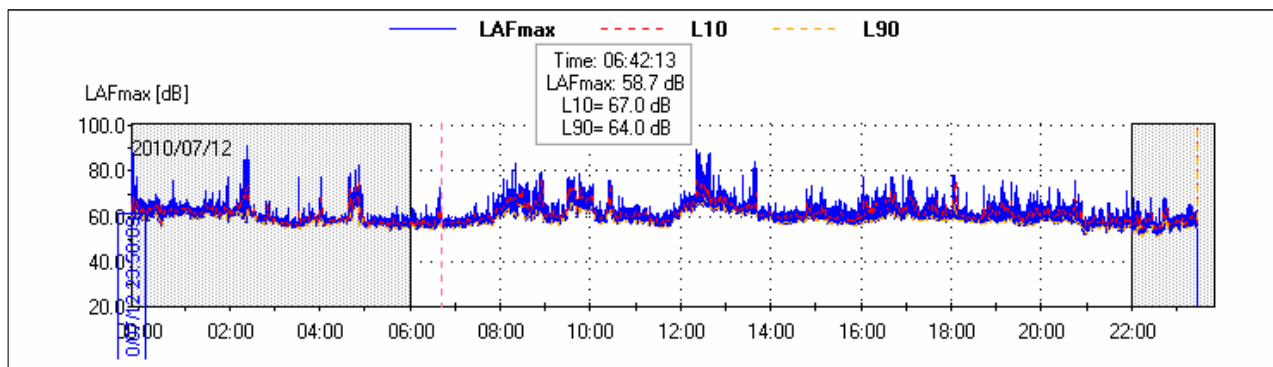
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
80.8	69.4	76.8
87.5	77	83.2
94.7	81.5	89.9
81.6	77	78.1
77.3	73.6	76
<b>94.7</b>	<b>81.5</b>	<b>89.9</b>

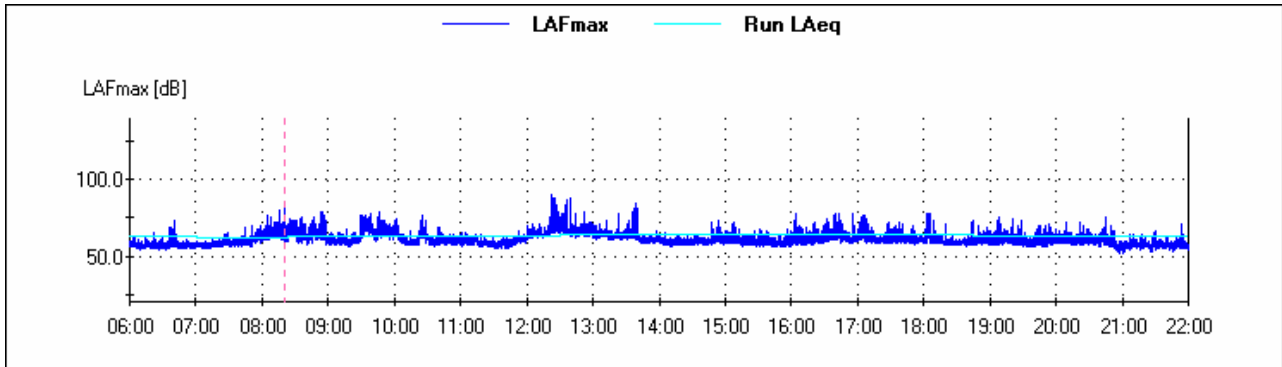
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
94.6	83.8	91.4
86.1	77.4	82.3
70.4	65.5	68.1
<b>94.6</b>	<b>83.8</b>	<b>91.4</b>

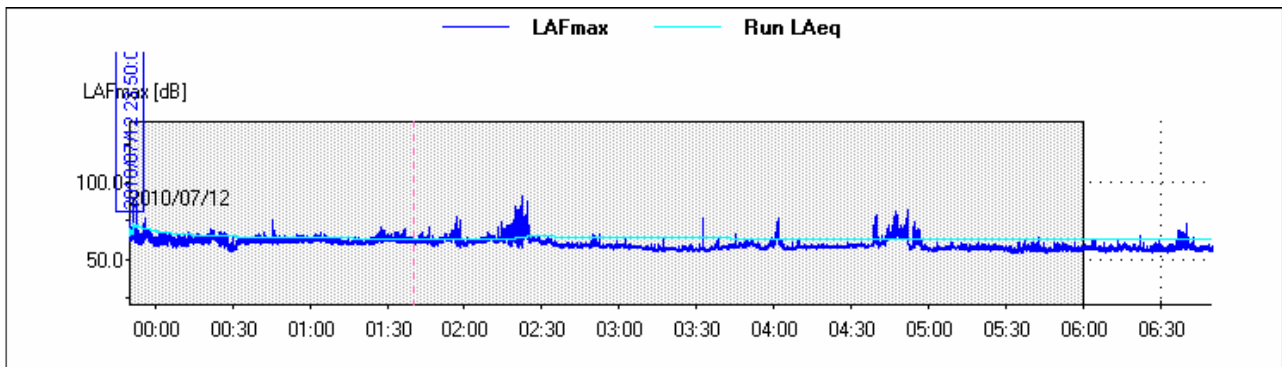
TIME HISTORY L10 – L90



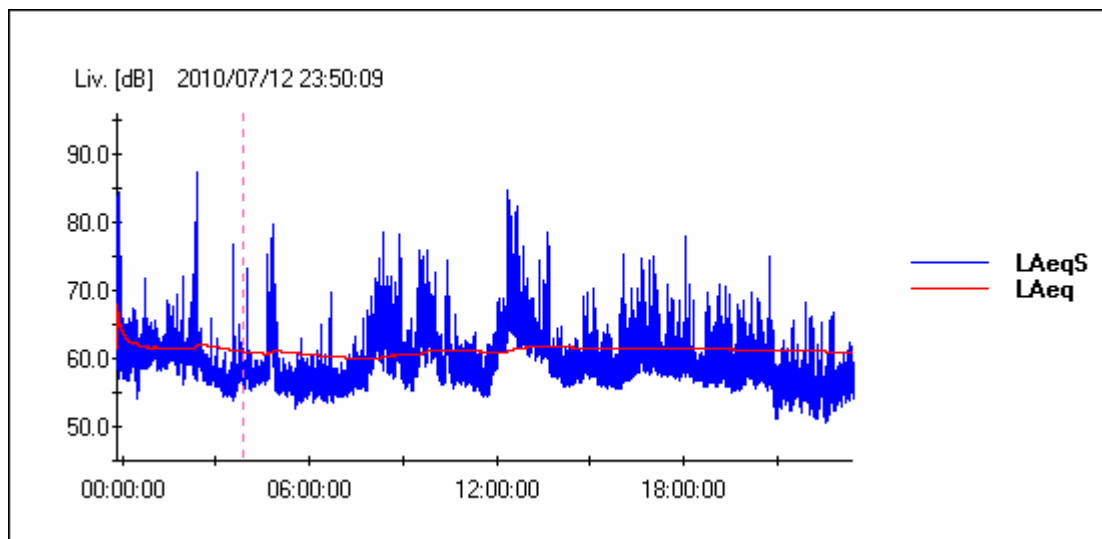
RUNNING Leq DIURNO



RUNNING Leq NOTTURNO

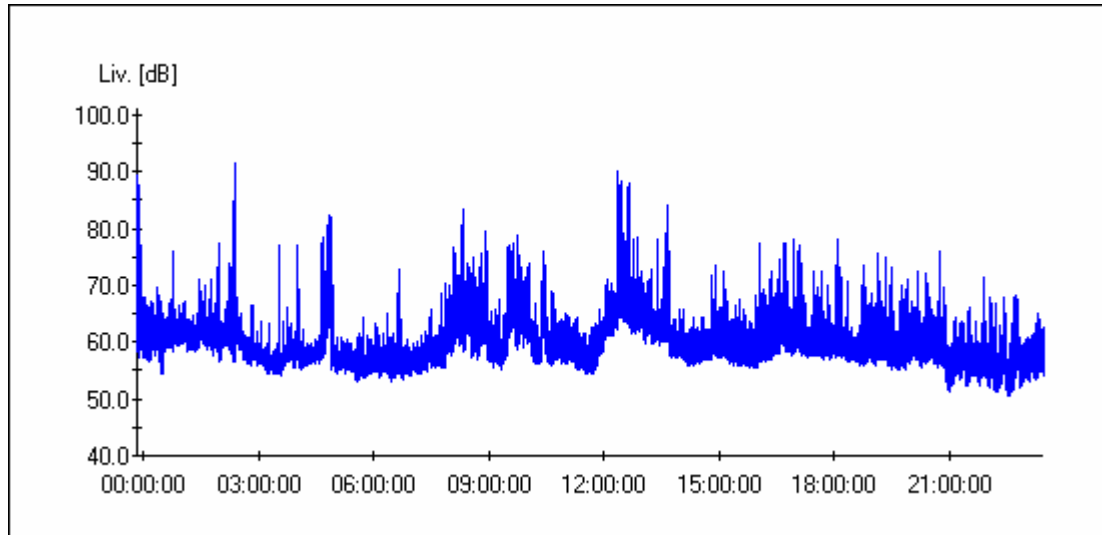


LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA  MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

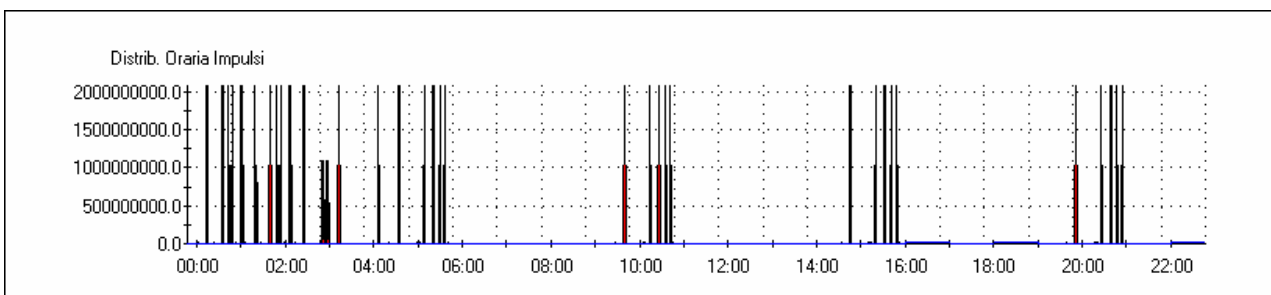
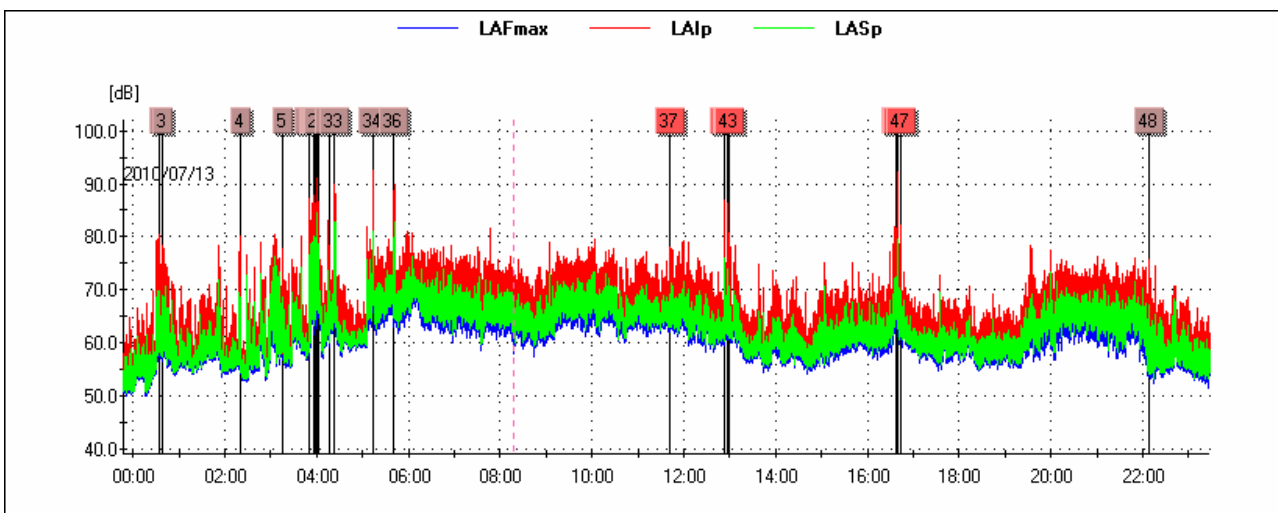


## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/07/14 00:34:15	1.000	76.1	10.7
2	2010/07/14 00:37:21	0.625	72.8	11.2
3	2010/07/14 00:38:49	0.750	72.7	10.3
4	2010/07/14 02:19:42	0.625	76.5	11.3
5	2010/07/14 03:16:21	0.625	74.2	10.3
6	2010/07/14 03:49:41	1.000	75.9	6.9
7	2010/07/14 03:49:46	1.000	73.5	8.4
8	2010/07/14 03:49:48	1.000	76.8	8.0
9	2010/07/14 03:49:57	0.625	80.9	9.8
10	2010/07/14 03:50:11	0.625	81.8	10.9
11	2010/07/14 03:50:17	0.625	78.6	10.7
12	2010/07/14 03:50:20	0.625	84.3	10.5
13	2010/07/14 03:55:12	1.000	84.3	7.2
14	2010/07/14 03:55:38	0.875	83.7	9.6
15	2010/07/14 03:55:53	0.750	83.5	6.1
16	2010/07/14 03:55:54	0.750	84.9	7.9
17	2010/07/14 03:55:58	0.875	81.9	8.7
18	2010/07/14 03:55:59	0.750	82.2	6.8
19	2010/07/14 03:56:00	0.750	82.6	7.4
20	2010/07/14 03:56:08	0.750	78.4	7.3
21	2010/07/14 03:57:52	1.000	78.7	6.5
22	2010/07/14 03:58:18	1.000	78.1	10.1
23	2010/07/14 04:00:20	0.875	82.3	7.2
24	2010/07/14 04:00:37	0.750	82.9	8.3
25	2010/07/14 04:02:07	1.000	80.3	8.7
26	2010/07/14 04:02:55	0.750	84.6	8.2
27	2010/07/14 04:16:12	0.625	74.4	10.7
28	2010/07/14 04:23:13	0.625	83.1	6.8
29	2010/07/14 04:23:14	0.750	83.5	8.0
30	2010/07/14 04:23:31	0.750	82.6	7.0



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

31	2010/07/14 04:23:32	0.875	85.5	7.8
32	2010/07/14 04:23:36	0.875	86.1	6.1
33	2010/07/14 04:23:42	0.750	78.8	6.5
34	2010/07/14 05:14:00	0.625	88.0	11.6
35	2010/07/14 05:41:03	0.750	83.8	7.4
36	2010/07/14 05:41:16	0.750	81.6	10.7
37	2010/07/14 11:41:17	0.875	74.4	9.6
38	2010/07/14 12:52:17	0.750	82.4	11.6
39	2010/07/14 12:52:18	0.625	81.4	9.3
40	2010/07/14 12:53:48	0.625	80.4	12.2
41	2010/07/14 12:56:47	1.000	76.7	9.6
42	2010/07/14 12:56:57	0.625	81.7	12.4
43	2010/07/14 12:58:58	0.875	76.7	10.9
44	2010/07/14 16:37:53	1.000	76.7	11.4
45	2010/07/14 16:40:12	0.500	88.0	12.8
46	2010/07/14 16:42:38	0.750	76.6	11.5
47	2010/07/14 16:42:50	0.625	77.2	12.4
48	2010/07/14 22:08:02	0.875	68.0	8.0

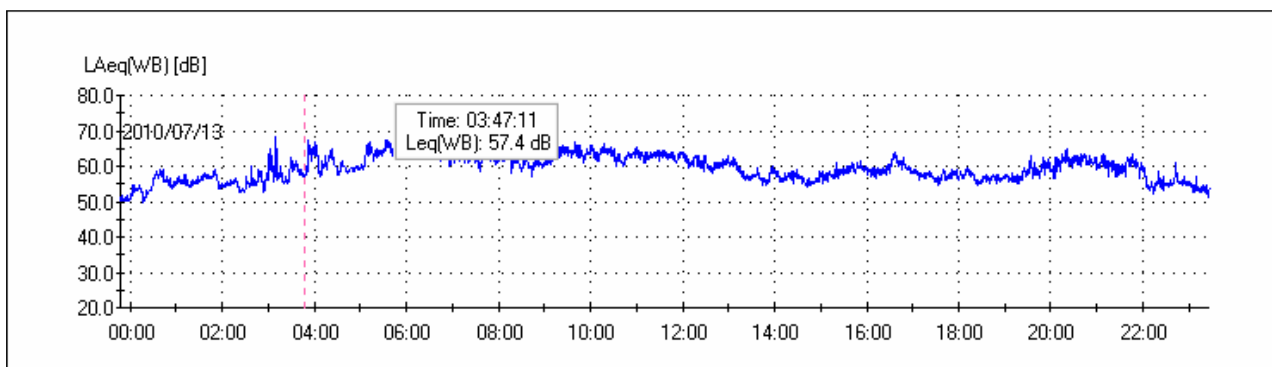
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



SOGLIE PENALIZZAZIONE	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
PENALIZZAZIONI	
Penalizzazione BF: No	
Penalizzazione AF: No	

TIME HISTORY COMPONENTI TONALI

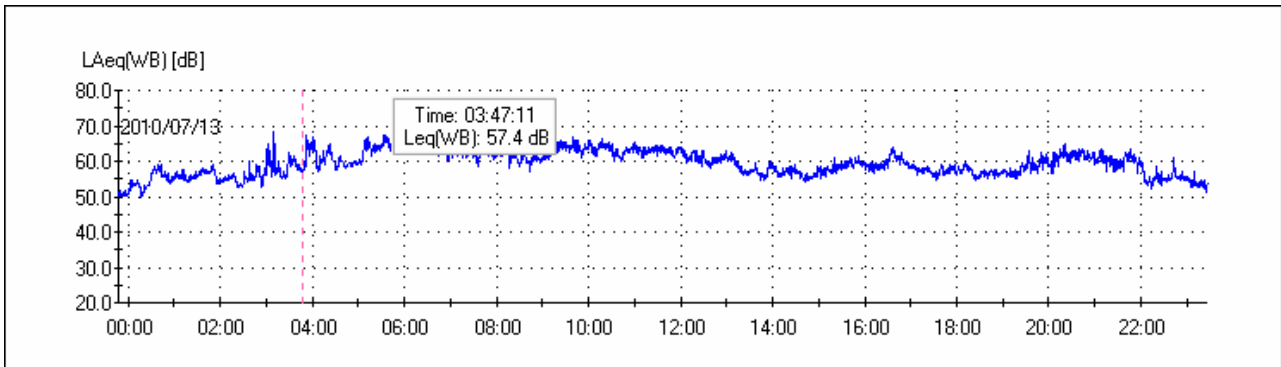
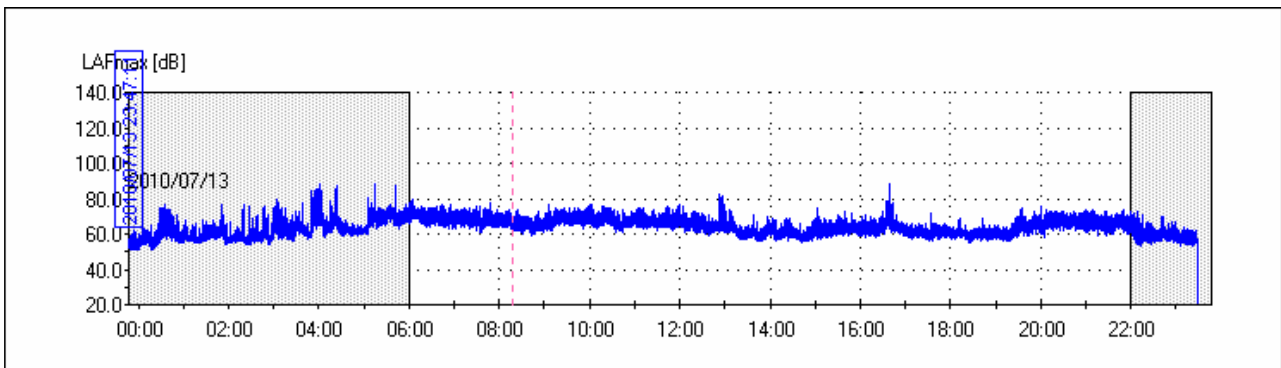
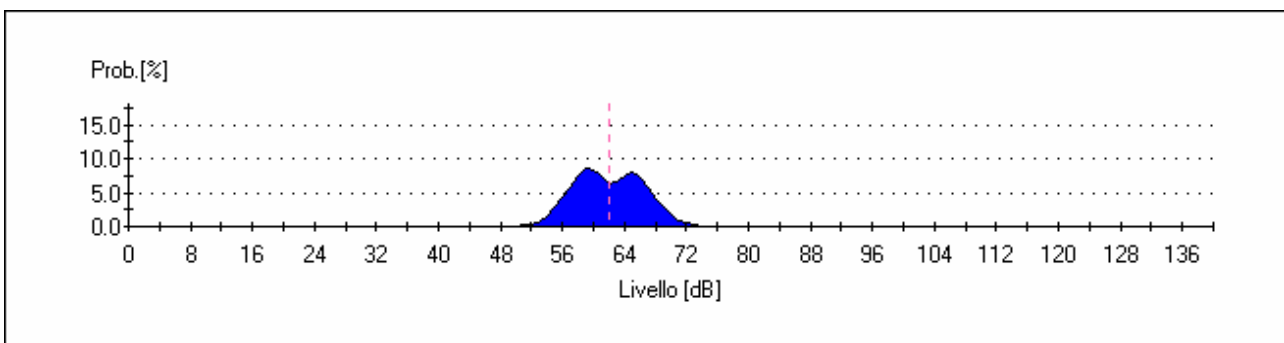


GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



DISTRIBUTIVA



CUMULATIVA

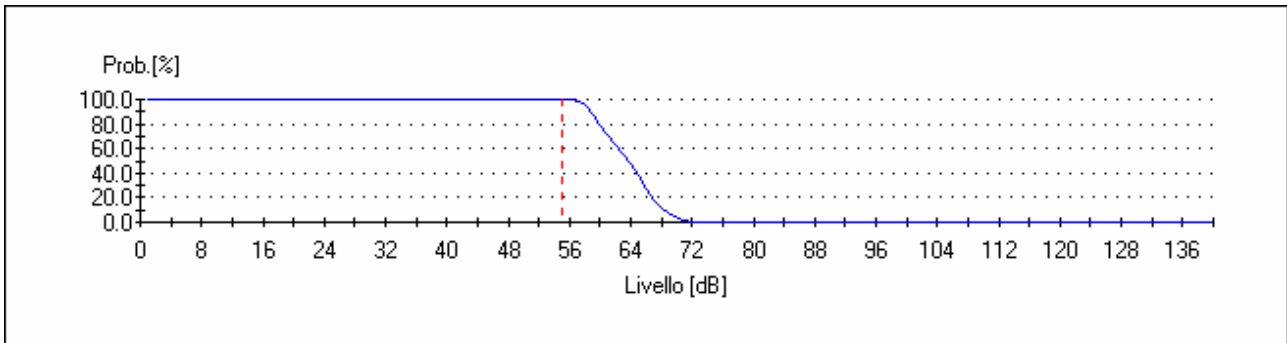
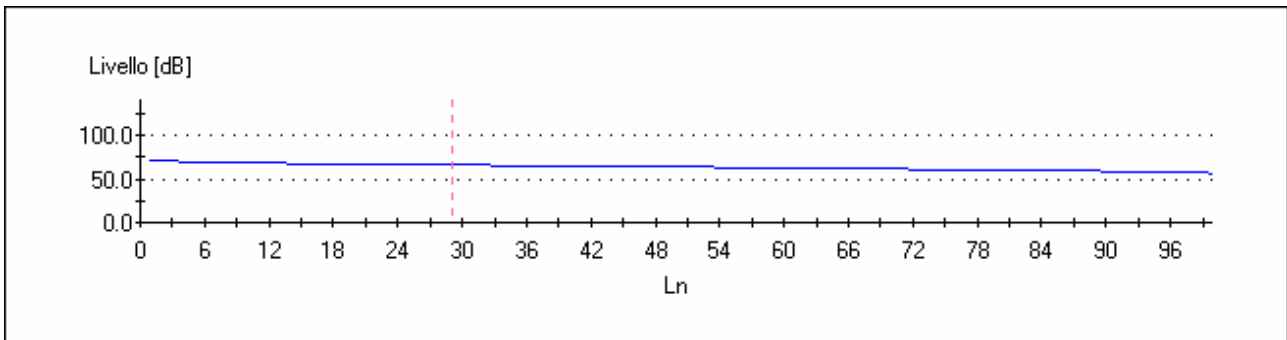


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	71.0
1	71.0
2	70.5
3	70.0
4	69.7
5	69.3
6	69.0
7	68.8
8	68.6
9	68.4
10	68.2
11	68.0
12	67.9
13	67.7
14	67.6
15	67.4
16	67.3
17	67.1
18	67.0
19	66.9
20	66.8
21	66.7
22	66.6
23	66.4
24	66.3
25	66.2
26	66.1
27	66.0
28	65.9

29	65.8
30	65.7
31	65.6
32	65.5
33	65.4
34	65.3
35	65.2
36	65.1
37	65.0
38	64.9
39	64.8
40	64.7
41	64.6
42	64.5
43	64.4
44	64.3
45	64.2
46	64.1
47	64.0
48	63.9
49	63.8
50	63.6
51	63.5
52	63.4
53	63.3
54	63.1
55	63.0
56	62.9
57	62.8
58	62.6
59	62.5
60	62.4

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

61	62.3
62	62.1
63	62.0
64	61.9
65	61.8
66	61.6
67	61.5
68	61.4
69	61.3
70	61.1
71	61.0
72	60.9
73	60.8
74	60.6
75	60.5
76	60.4
77	60.3
78	60.1
79	60.0
80	59.9
81	59.8
82	59.7
83	59.6
84	59.4
85	59.3
86	59.2
87	59.1
88	59.0
89	58.8
<b>90</b>	<b>58.7</b>
91	58.5
92	58.3

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	58.2
94	58.0
95	57.8
96	57.5
97	57.3
98	57.0
99	56.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	74.0
1	74.0
2	72.0
3	71.0
4	70.5
5	70.0
6	69.5
7	69.0
8	68.7
9	68.3
10	68.0
11	67.7
12	67.3
13	67.0
14	66.7
15	66.3
16	66.0
17	65.7
18	65.3
19	65.0
20	64.7



21	64.3
22	64.0
23	63.7
24	63.3
25	63.0
26	62.7
27	62.3
28	62.0
29	61.8
30	61.7
31	61.5
32	61.3
33	61.2
34	61.0
35	60.9
36	60.8
37	60.7
38	60.6
39	60.4
40	60.3
41	60.2
42	60.1
43	60.0
44	59.9
45	59.8
46	59.6
47	59.5
48	59.4
49	59.3
50	59.1
51	59.0
52	58.9

53	58.8
54	58.7
55	58.6
56	58.4
57	58.3
58	58.2
59	58.1
60	58.0
61	57.9
62	57.8
63	57.7
64	57.6
65	57.5
66	57.4
67	57.3
68	57.2
69	57.1
70	57.0
71	56.9
72	56.8
73	56.7
74	56.6
75	56.5
76	56.5
77	56.4
78	56.3
79	56.2
80	56.1
81	56.0
82	55.9
83	55.8
84	55.7

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	55.6
86	55.4
87	55.3
88	55.2
89	55.1
90	55.0
91	54.8
92	54.6
93	54.4
94	54.2
95	54.0
96	53.5
97	53.0
98	52.0
99	51.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

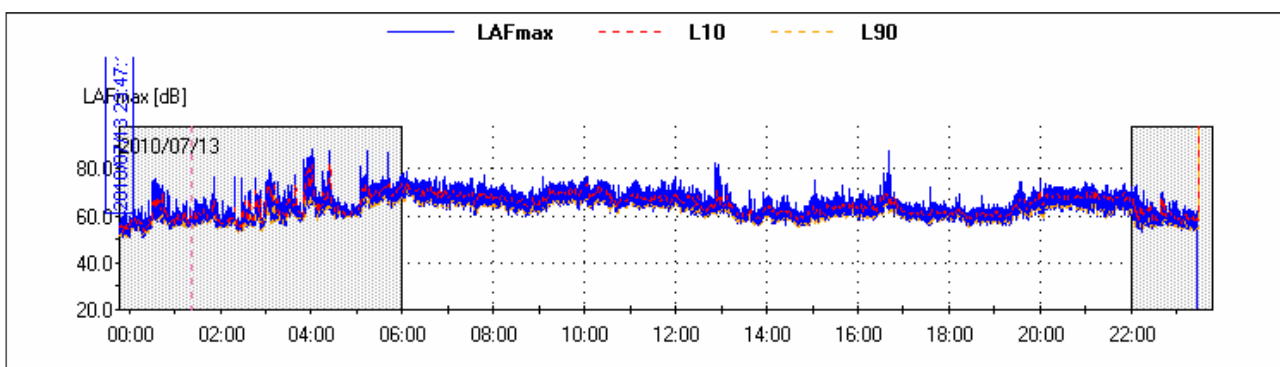
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
81.7	76.4	79.2
79.6	73.4	76.7
87	75.9	82.4
92.3	79.5	88
76.2	71.4	74.1
<b>92.3</b>	<b>79.5</b>	<b>88</b>

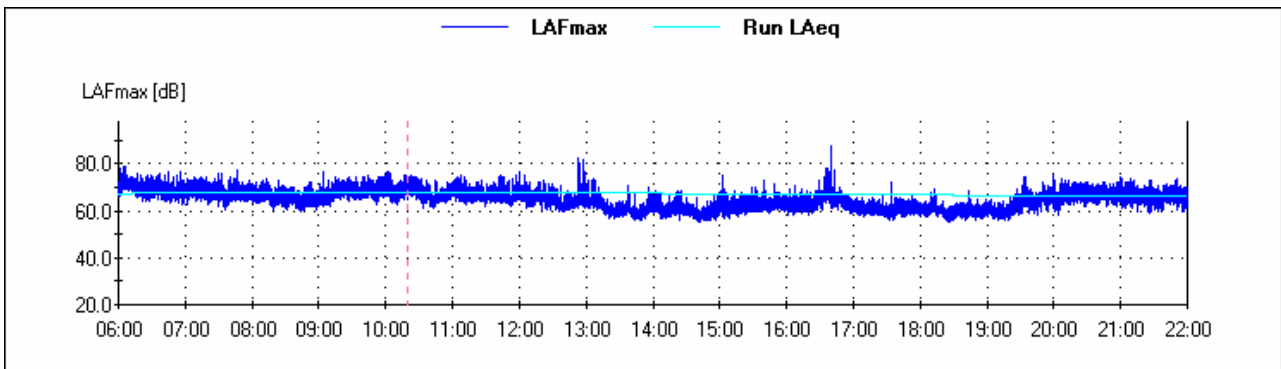
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
87.7	80.2	84.9
92.5	84.6	88.7
75.7	70.3	72.7
<b>92.5</b>	<b>84.6</b>	<b>88.7</b>

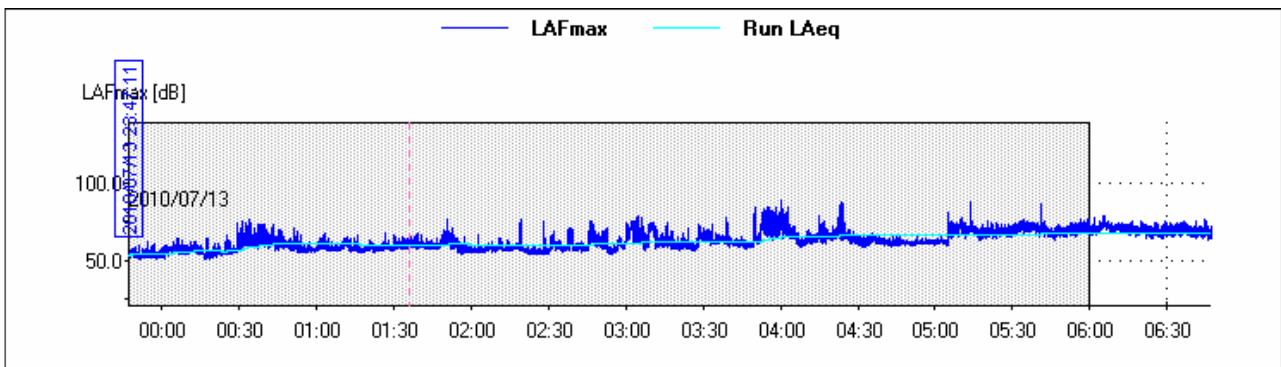
TIME HISTORY L10 – L90



**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

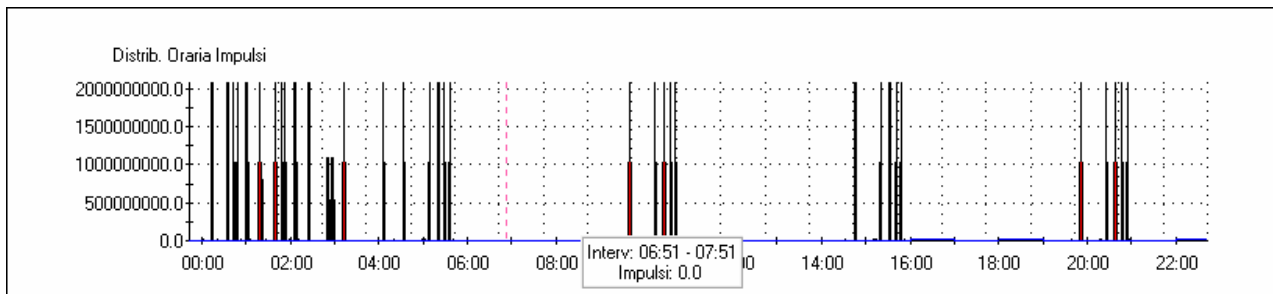
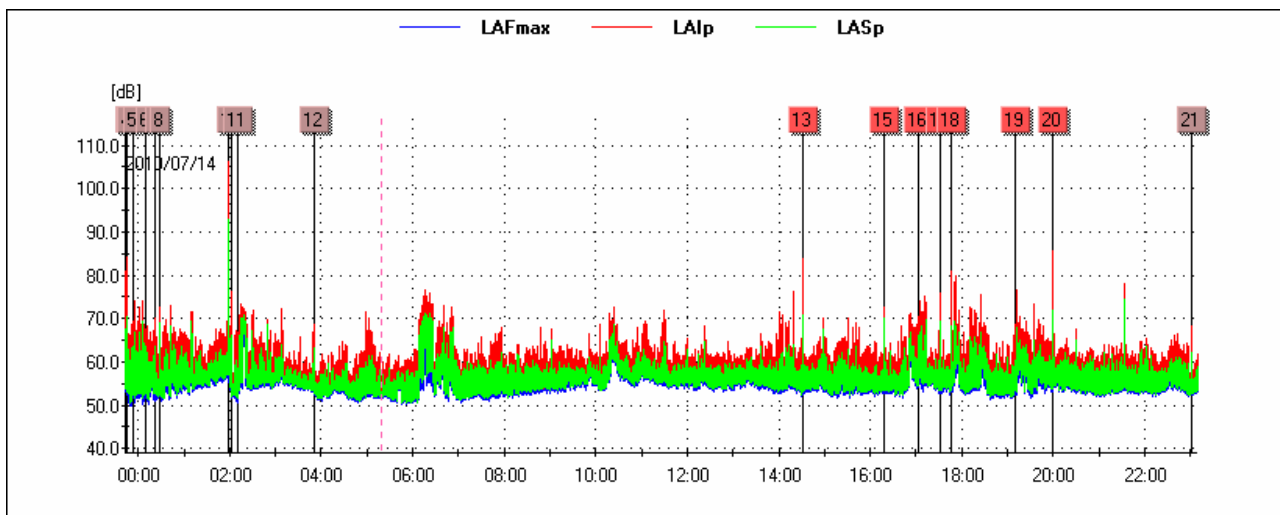


## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAImax - LASmax [dB]
1	2010/07/14 23:43:37	0.750	67.8	11.9
2	2010/07/14 23:43:39	0.625	74.3	13.4
3	2010/07/14 23:43:47	0.500	76.3	13.4
4	2010/07/14 23:44:38	0.500	79.3	13.8
5	2010/07/14 23:53:37	0.875	66.0	9.9
6	2010/07/15 00:10:05	1.000	63.1	7.9
7	2010/07/15 00:22:20	0.875	68.8	6.4
8	2010/07/15 00:28:08	0.750	64.4	10.6
9	2010/07/15 01:59:02	0.625	101.4	13.3
10	2010/07/15 02:01:25	0.875	72.3	10.4
11	2010/07/15 02:10:10	1.000	64.2	8.3
12	2010/07/15 03:50:12	0.875	66.6	8.0
13	2010/07/15 14:32:01	0.500	79.4	13.2
14	2010/07/15 16:18:40	1.000	65.7	6.8
15	2010/07/15 16:18:51	1.000	70.2	6.9
16	2010/07/15 17:02:33	1.000	67.3	9.5
17	2010/07/15 17:31:43	0.750	75.2	6.5
18	2010/07/15 17:46:44	0.500	76.4	12.7
19	2010/07/15 19:10:18	1.000	65.4	9.7
20	2010/07/15 19:59:19	0.500	80.7	13.7
21	2010/07/15 23:01:57	0.750	65.4	6.7

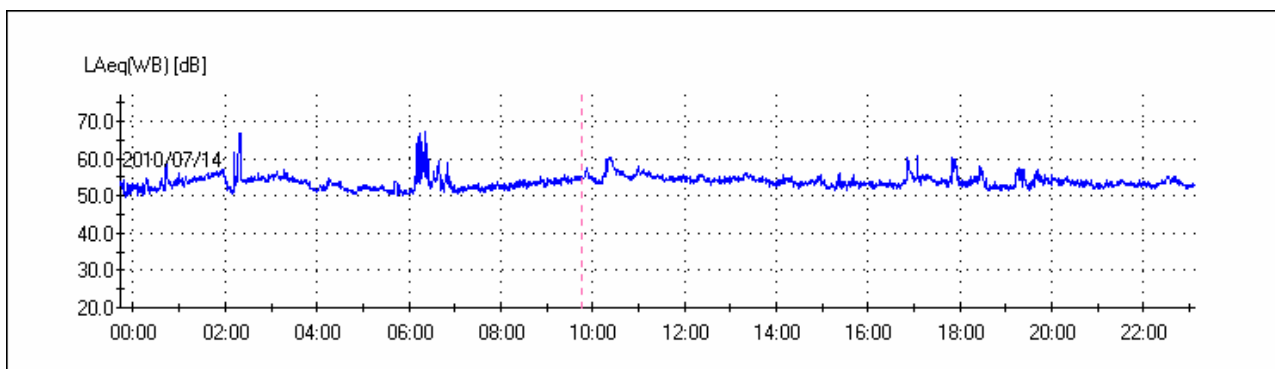
		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

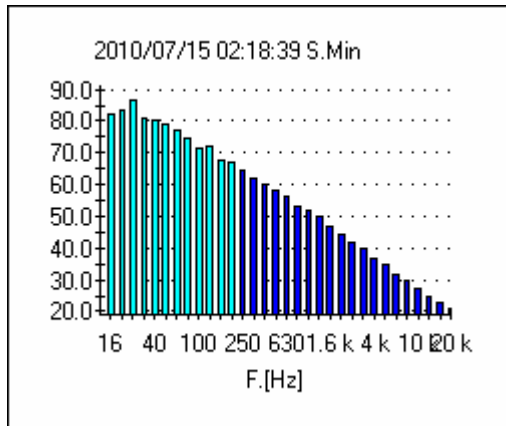


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	
<b>PERSIST [%]</b>	
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

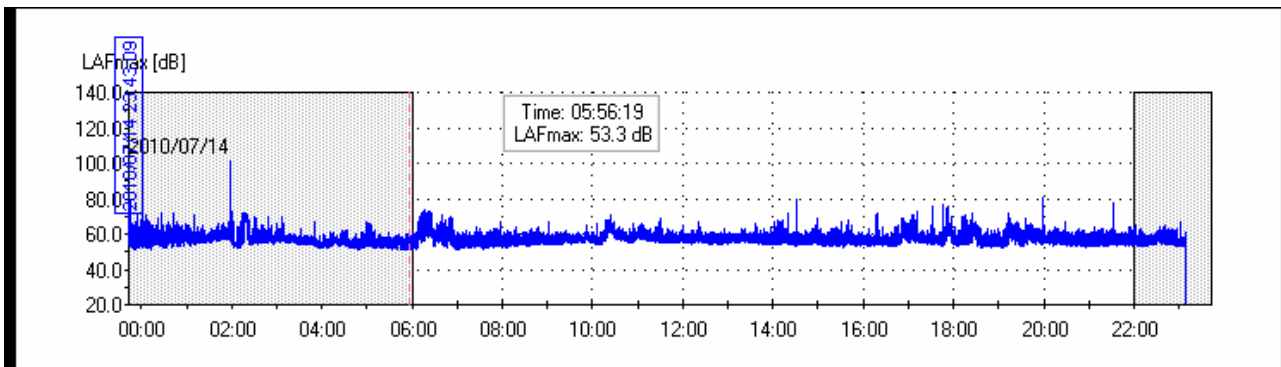


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

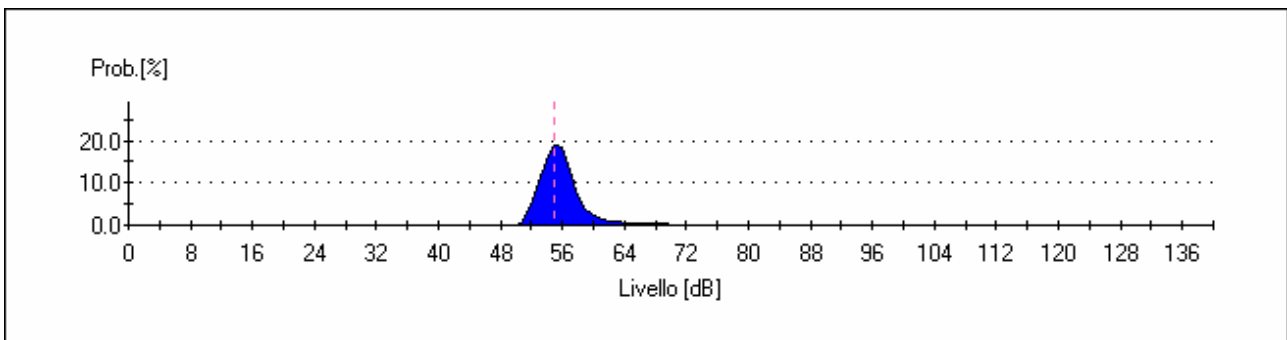
**TIME ISTORY COMPONENTI TONALI**



**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**

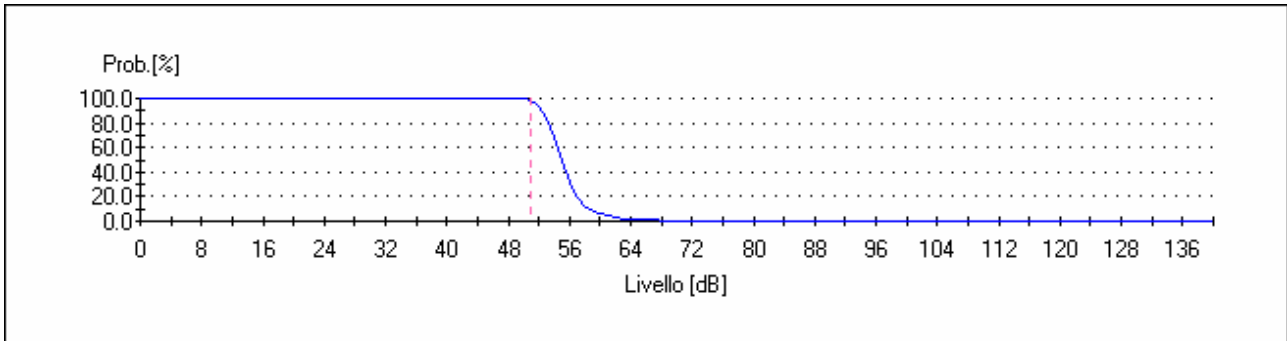


**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

CUMULATIVA



LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	67.0
<b>1</b>	<b>67.0</b>
2	64.0
3	63.0
4	62.0
<b>5</b>	<b>61.5</b>
6	61.0
7	60.5
8	60.0
9	59.8
<b>10</b>	<b>59.5</b>
11	59.3
12	59.0
13	58.9
14	58.8
15	58.6
16	58.5
17	58.4
18	58.3
19	58.1
20	58.0
21	57.9
22	57.9
23	57.8
24	57.7
25	57.6
26	57.6
27	57.5
28	57.4
29	57.4
30	57.3
31	57.2
32	57.1
33	57.1
34	57.0
35	57.0
36	56.9
37	56.9
38	56.8
39	56.8
40	56.7
41	56.7

42	56.6
43	56.6
44	56.5
45	56.5
46	56.4
47	56.4
48	56.3
49	56.3
50	56.2
51	56.2
52	56.1
53	56.1
54	56.0
55	56.0
56	56.0
57	55.9
58	55.8
59	55.8
60	55.8
61	55.7
62	55.7
63	55.6
64	55.5
65	55.5
66	55.5
67	55.4
68	55.3
69	55.3
70	55.3
71	55.2
72	55.2
73	55.1
74	55.0
75	55.0
76	54.9
77	54.9
78	54.8
79	54.7
80	54.6
81	54.6
82	54.5
83	54.4
84	54.4
85	54.3
86	54.2
87	54.1

88	54.1
89	54.0
<b>90</b>	<b>53.9</b>
91	53.8
92	53.6
93	53.5
94	53.4
<b>95</b>	<b>53.3</b>
96	53.1
97	53.0
98	52.5
<b>99</b>	<b>52.0</b>

LIVELLI PERCENTILI NOTTURNI

Percentile	Leq.[dB]
0	67.0
<b>1</b>	<b>67.0</b>
2	63.0
3	62.0
4	61.0
<b>5</b>	<b>60.5</b>
6	60.0
7	59.7
8	59.3
9	59.0
<b>10</b>	<b>58.8</b>
11	58.7
12	58.5
13	58.3
14	58.2
15	58.0
16	57.9
17	57.8
18	57.7
19	57.6
20	57.4
21	57.3
22	57.2
23	57.1
24	57.0
25	56.9
26	56.9
27	56.8

28	56.7
29	56.6
30	56.6
31	56.5
32	56.4
33	56.4
34	56.3
35	56.2
36	56.1
37	56.1
38	56.0
39	55.9
40	55.9
41	55.8
42	55.8
43	55.7
44	55.6
45	55.6
46	55.5
47	55.5
48	55.4
49	55.4
50	55.3
51	55.2
52	55.2
53	55.1
54	55.1
55	55.0
56	54.9
57	54.9
58	54.8
59	54.8
60	54.7
61	54.6
62	54.6
63	54.5
64	54.5
65	54.4
66	54.4
67	54.3
68	54.2
69	54.2
70	54.1
71	54.1
72	54.0
73	53.9

74	53.9
75	53.8
76	53.7
77	53.7
78	53.6
79	53.5
80	53.5
81	53.4
82	53.3
83	53.3
84	53.2
85	53.1
86	53.1
87	53.0
88	52.9
89	52.8
90	52.7
91	52.6
92	52.5
93	52.4
94	52.3
95	52.2
96	52.1
97	52.0
98	51.5
99	51.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

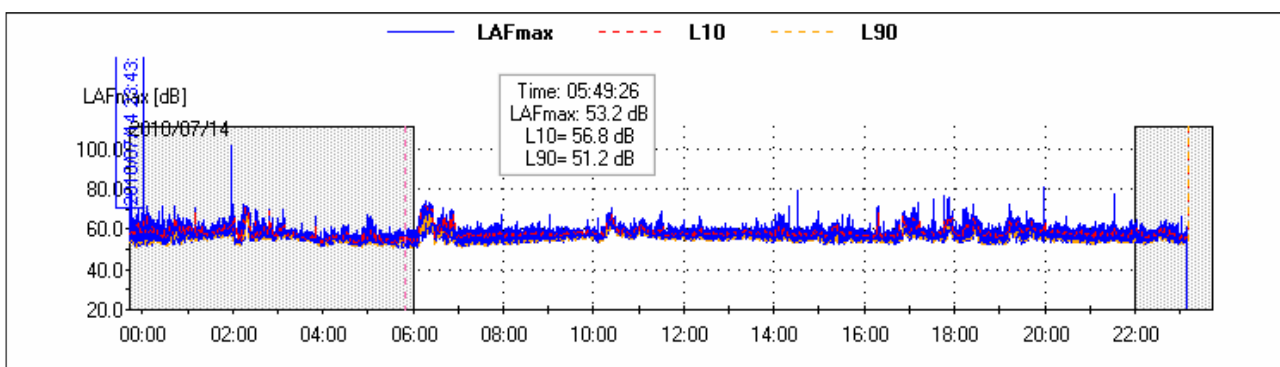
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
76.7	71.3	73.8
72.5	68.8	70.6
84	70.8	79.4
85.6	71.9	80.7
78	74.5	77.3
<b>85.6</b>	<b>74.5</b>	<b>80.7</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
106.1	92.8	101.4
71.4	61.3	67.2
68.2	63.6	66.5
<b>106.1</b>	<b>92.8</b>	<b>101.4</b>

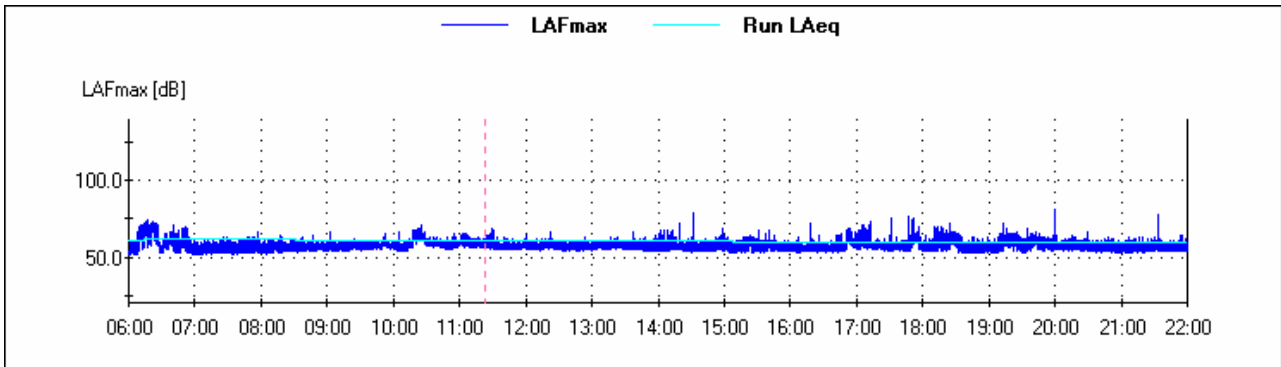
TIME HISTORY L10 – L90



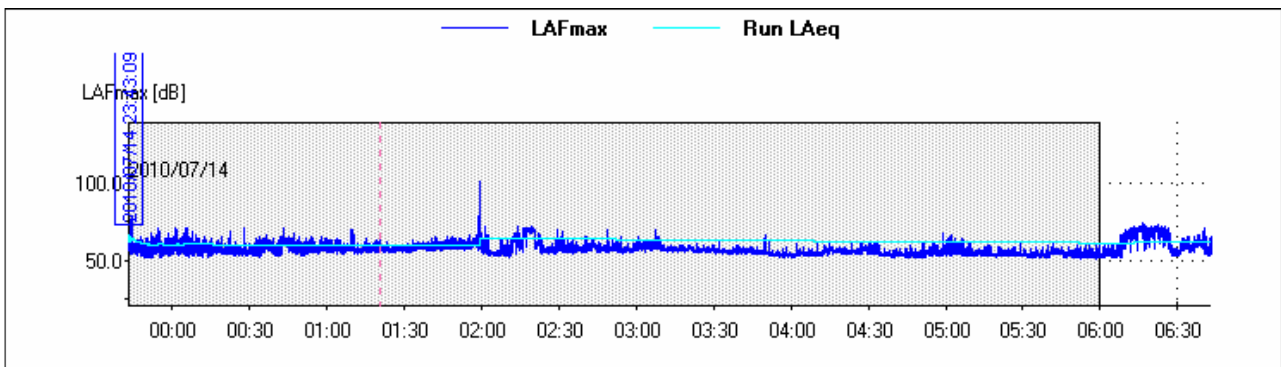


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

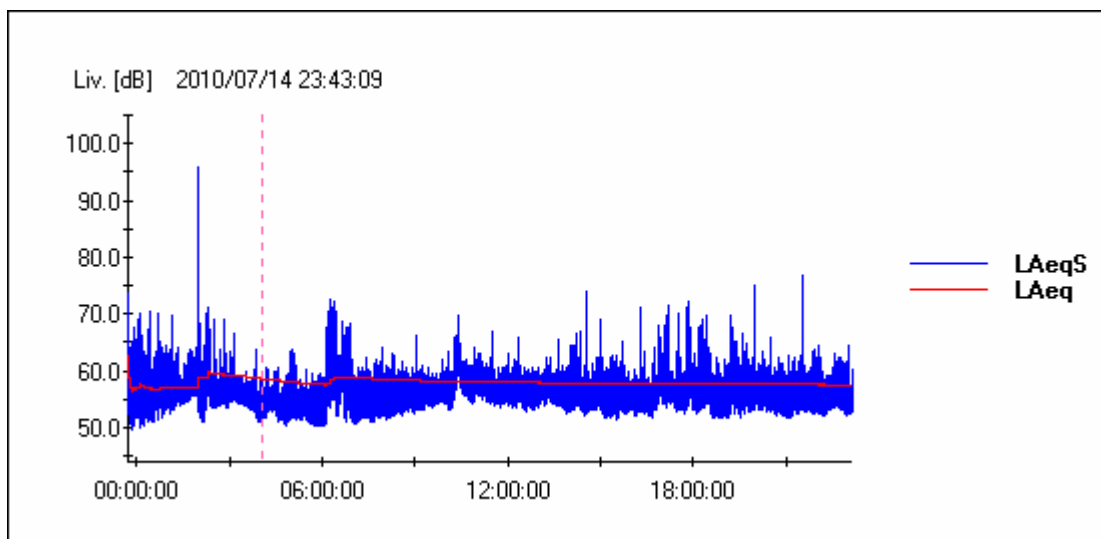
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

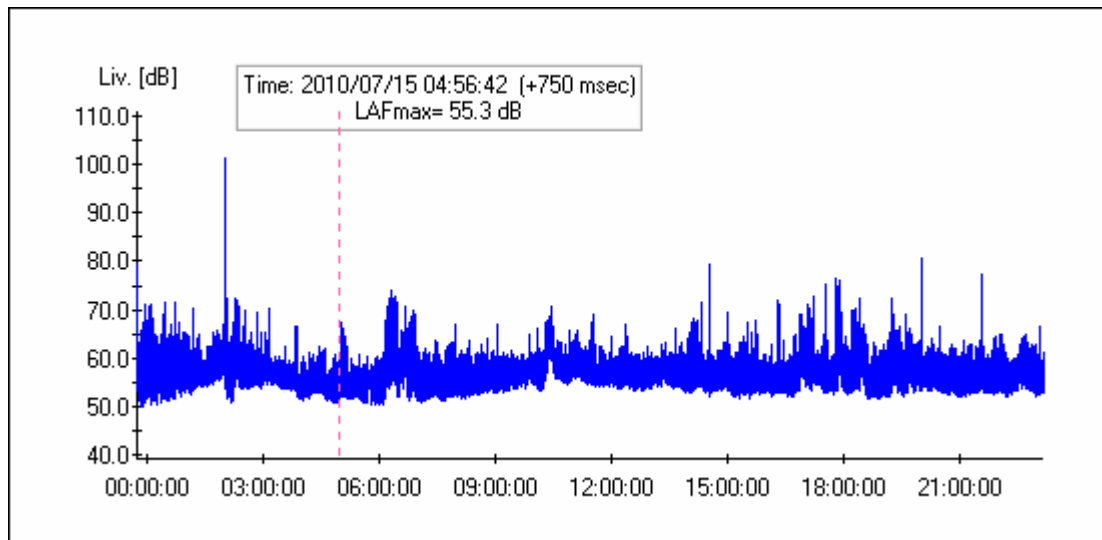


**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**

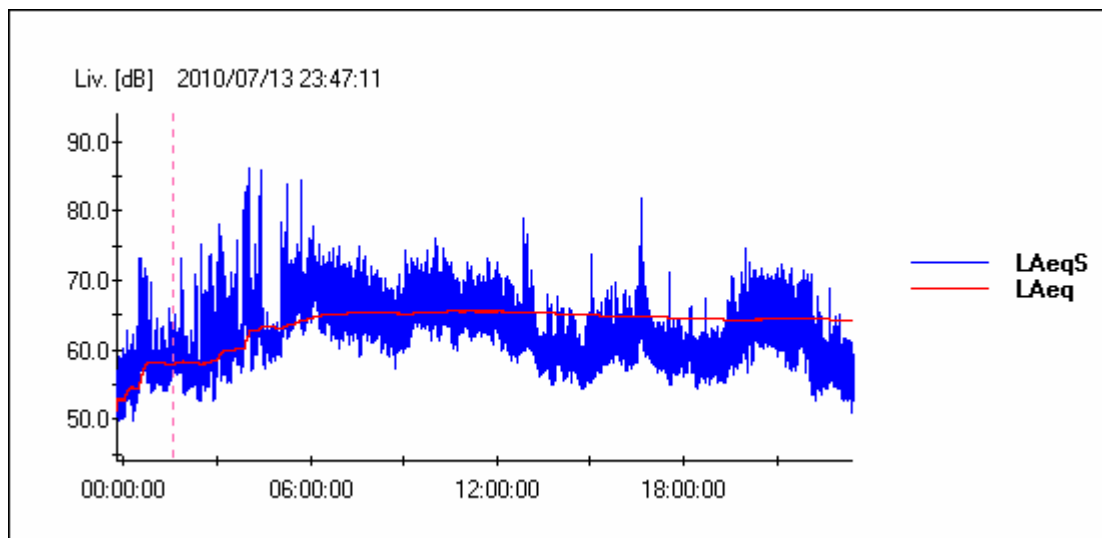


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> <i>AS0105_F0.docx</i>	<i>Rev</i> <i>F0</i>	<i>Data</i> <i>20/06/2011</i>	

LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"

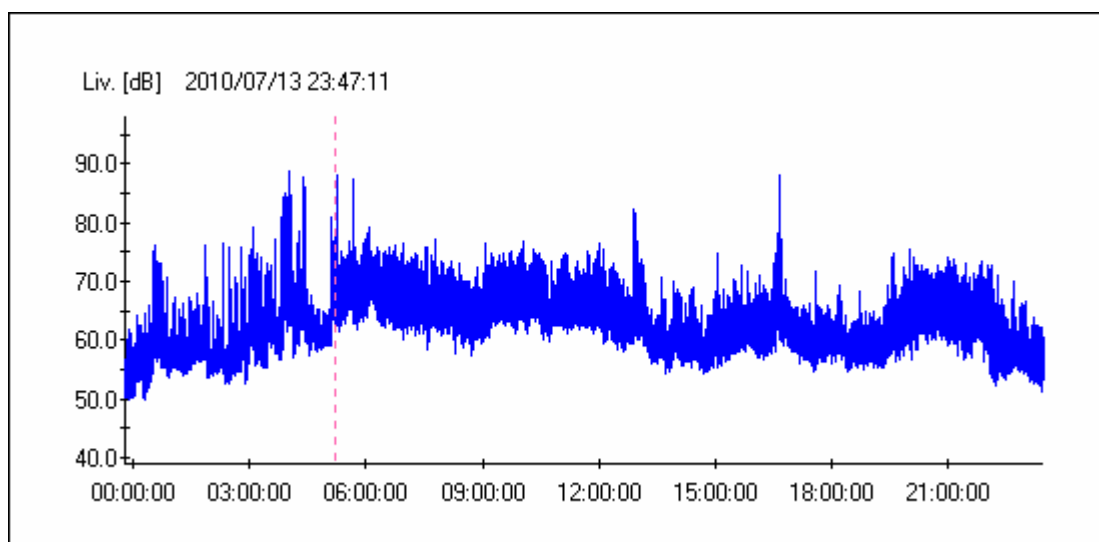


LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"



 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"

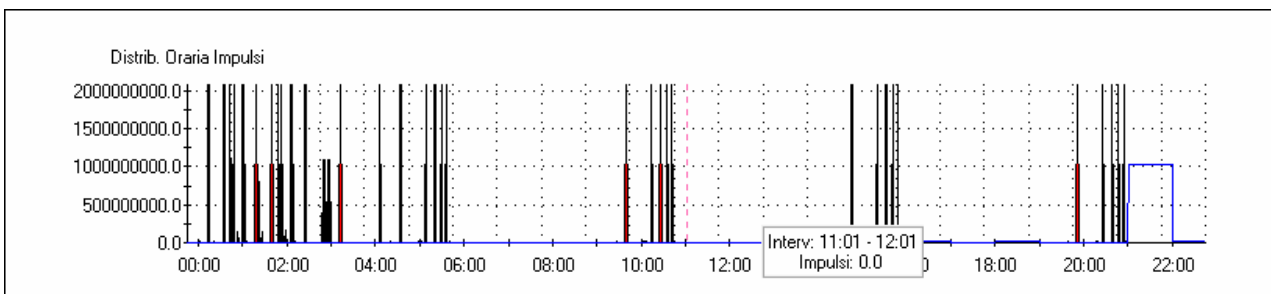
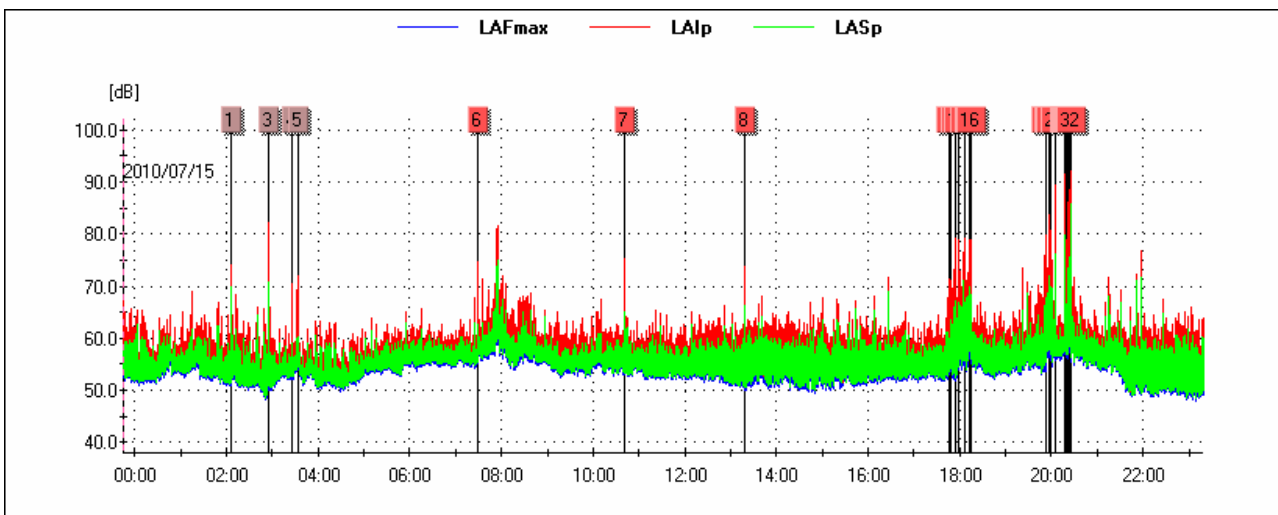


### RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/16 02:06:29	1.000	64.4	9.7
2	2010/07/16 02:54:26	0.625	71.7	13.0
3	2010/07/16 02:55:24	0.500	78.1	11.3
4	2010/07/16 03:25:09	0.625	66.3	11.6
5	2010/07/16 03:33:45	0.625	67.8	11.7
6	2010/07/16 07:29:15	0.750	70.3	12.0
7	2010/07/16 10:40:26	0.625	72.2	10.2
8	2010/07/16 13:17:50	1.000	71.3	7.4
9	2010/07/16 17:47:07	0.750	67.0	11.6
10	2010/07/16 17:47:40	0.750	66.8	11.7
11	2010/07/16 17:53:32	0.625	70.1	12.6
12	2010/07/16 17:55:14	0.625	74.3	12.2
13	2010/07/16 17:58:28	0.500	74.6	12.1
14	2010/07/16 18:06:59	0.625	74.8	12.4
15	2010/07/16 18:12:30	0.625	73.6	11.1
16	2010/07/16 18:13:56	0.750	74.6	10.7
17	2010/07/16 19:53:04	0.500	75.5	12.3
18	2010/07/16 19:53:09	1.000	70.0	9.2
19	2010/07/16 19:57:48	0.875	79.6	11.9
20	2010/07/16 19:59:18	0.625	76.2	12.5
21	2010/07/16 19:59:33	0.750	77.0	10.9
22	2010/07/16 20:04:39	0.625	84.9	13.2
23	2010/07/16 20:17:49	0.625	88.1	11.7
24	2010/07/16 20:19:16	0.625	74.2	12.4
25	2010/07/16 20:21:04	0.500	81.7	12.7
26	2010/07/16 20:23:36	0.625	84.1	12.9
27	2010/07/16 20:23:40	0.750	77.3	8.8
28	2010/07/16 20:24:23	0.625	75.6	11.7
29	2010/07/16 20:24:53	1.000	76.0	11.9
30	2010/07/16 20:25:23	0.500	81.1	13.8

				<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>			<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

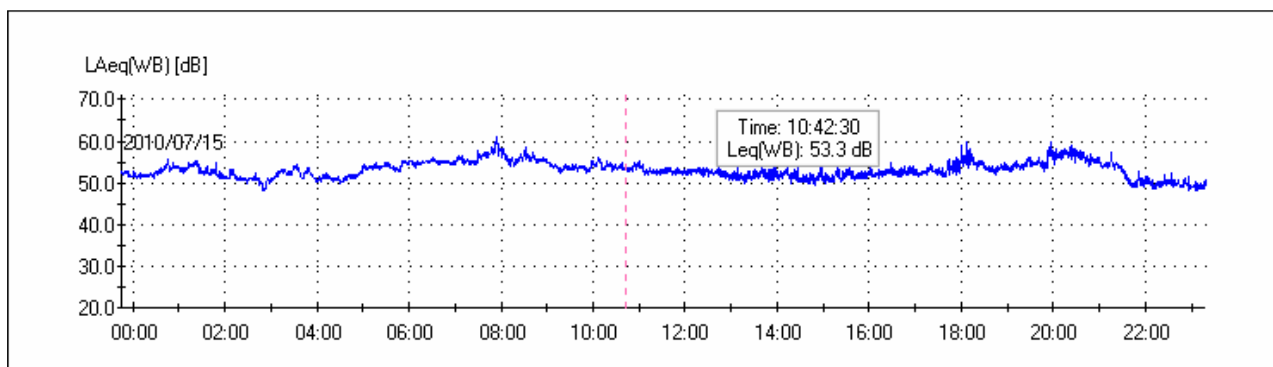
31	2010/07/16 20:25:27	0.500	72.4	12.5
32	2010/07/16 20:25:43	0.750	83.8	6.7

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

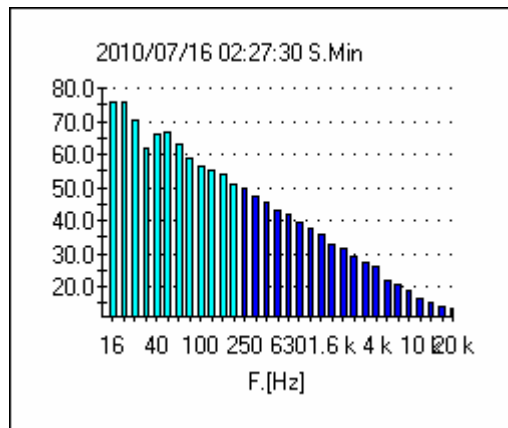
Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.



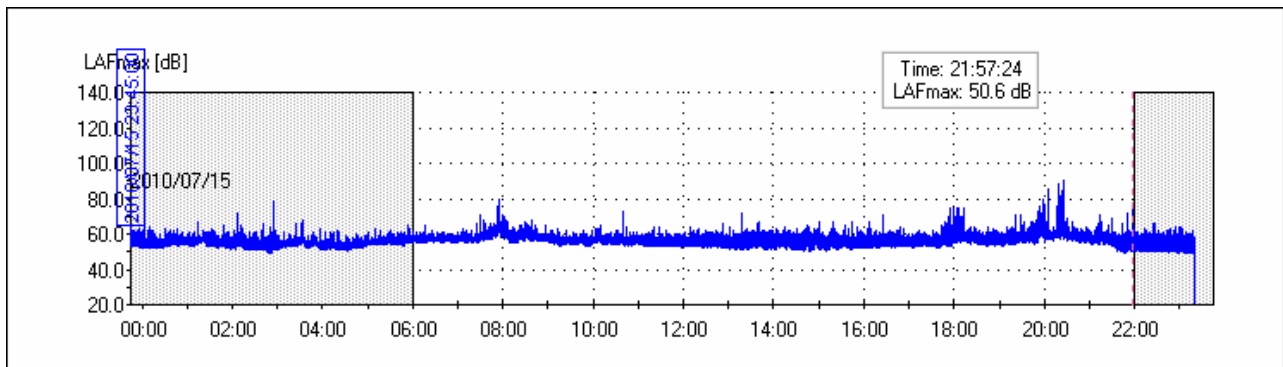
<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
TONALI [Hz]	PERSIST [%]
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

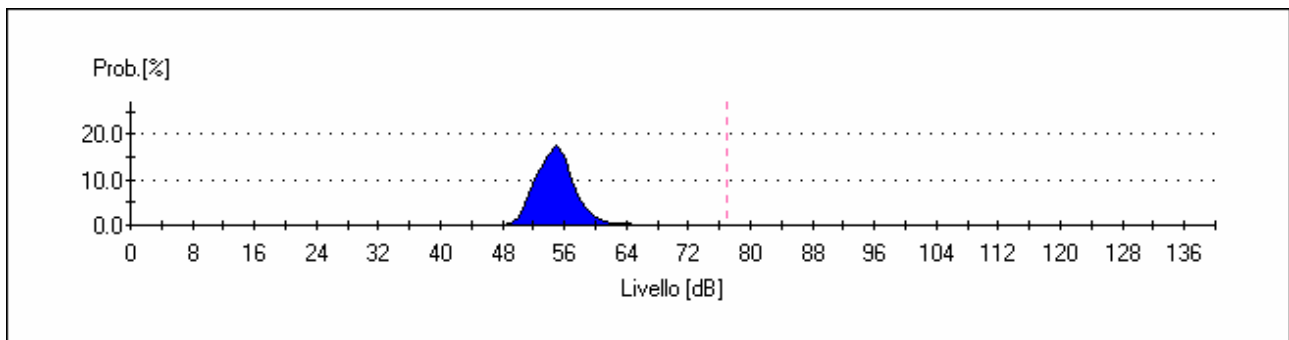
### TIME HISTORY COMPONENTI TONALI




### IL GRAFICO DEL CLIMA ACUSTICO GIORNALIERO



### DISTRIBUTIVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

CUMULATIVA

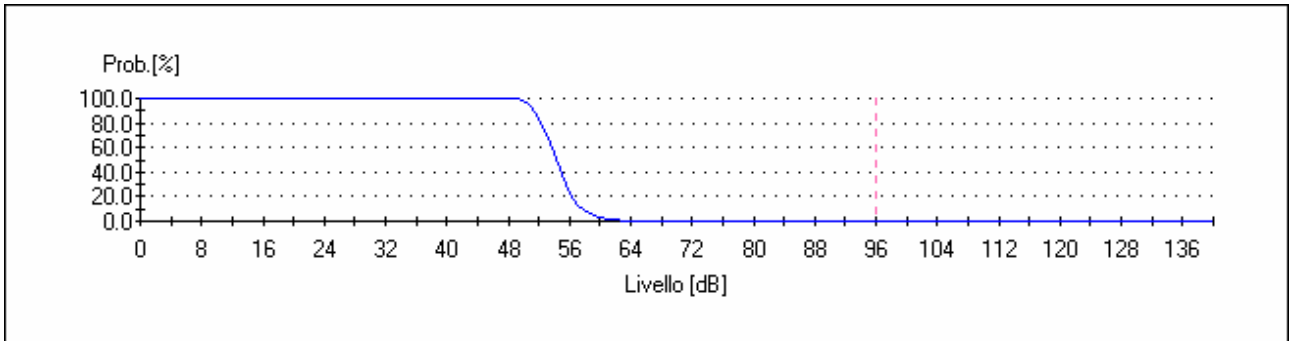
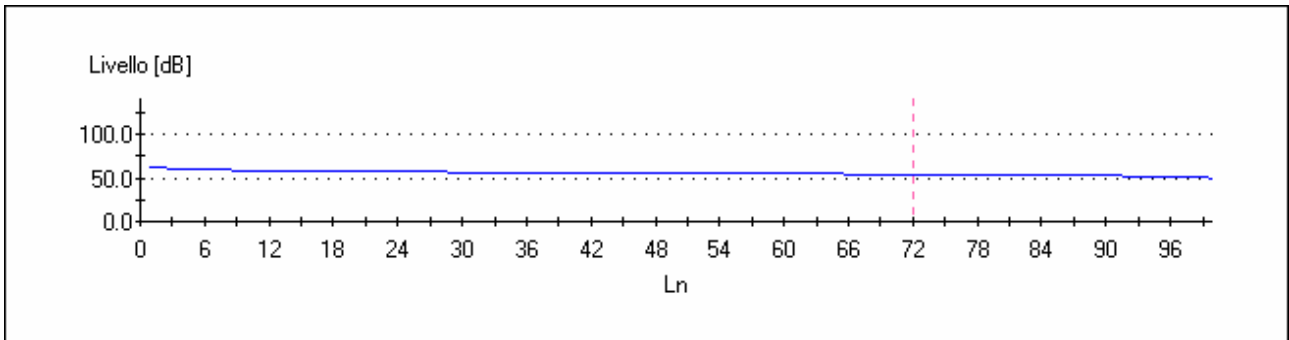


GRAFICO PERCENTILI





		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

**LIVELLI PERCENTILI DIURNI**

Percentile	Leq.[dB]
0	63.0
<b>1</b>	<b>63.0</b>
2	62.0
3	61.0
4	60.5
<b>5</b>	<b>60.0</b>
6	59.8
7	59.6
8	59.4
9	59.2
<b>10</b>	<b>59.0</b>
11	58.9
12	58.8
13	58.6
14	58.5
15	58.4
16	58.3
17	58.1
18	58.0
19	57.9
20	57.8
21	57.8
22	57.7
23	57.6
24	57.5
25	57.4
26	57.3
27	57.3
28	57.2

29	57.1
30	57.0
31	57.0
32	56.9
33	56.8
34	56.8
35	56.8
36	56.7
37	56.7
38	56.6
39	56.5
40	56.5
41	56.5
42	56.4
43	56.3
44	56.3
45	56.3
46	56.2
47	56.2
48	56.1
49	56.0
50	56.0
51	56.0
52	55.9
53	55.8
54	55.8
55	55.8
56	55.7
57	55.7
58	55.6
59	55.5
60	55.5

61	55.5
62	55.4
63	55.3
64	55.3
65	55.3
66	55.2
67	55.2
68	55.1
69	55.0
70	55.0
71	54.9
72	54.9
73	54.8
74	54.7
75	54.6
76	54.6
77	54.5
78	54.4
79	54.4
80	54.3
81	54.2
82	54.1
83	54.1
84	54.0
85	53.9
86	53.8
87	53.7
88	53.6
89	53.4
90	53.3
91	53.2
92	53.1

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	53.0
94	52.8
95	52.5
96	52.3
97	52.0
98	51.5
99	51.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	59.0
1	59.0
2	58.0
3	57.8
4	57.5
5	57.3
6	57.0
7	56.8
8	56.7
9	56.5
10	56.3
11	56.2
12	56.0
13	55.9
14	55.8
15	55.8
16	55.7
17	55.6
18	55.5
19	55.5
20	55.4

21	55.3
22	55.2
23	55.2
24	55.1
25	55.0
26	54.9
27	54.9
28	54.8
29	54.8
30	54.7
31	54.7
32	54.6
33	54.6
34	54.5
35	54.4
36	54.4
37	54.3
38	54.3
39	54.2
40	54.2
41	54.1
42	54.1
43	54.0
44	54.0
45	53.9
46	53.8
47	53.8
48	53.8
49	53.7
50	53.7
51	53.6
52	53.5

53	53.5
54	53.5
55	53.4
56	53.3
57	53.3
58	53.3
59	53.2
60	53.2
61	53.1
62	53.0
63	53.0
64	52.9
65	52.9
66	52.8
67	52.8
68	52.7
69	52.7
70	52.6
71	52.6
72	52.5
73	52.5
74	52.4
75	52.4
76	52.3
77	52.3
78	52.2
79	52.2
80	52.1
81	52.1
82	52.0
83	51.9
84	51.8

 <b>Stretto di Messina</b>		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

85	51.8
86	51.7
87	51.6
88	51.5
89	51.4
90	51.3
91	51.3
92	51.2
93	51.1
94	51.0
95	50.8
96	50.5
97	50.3
98	50.0
99	49.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>		<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

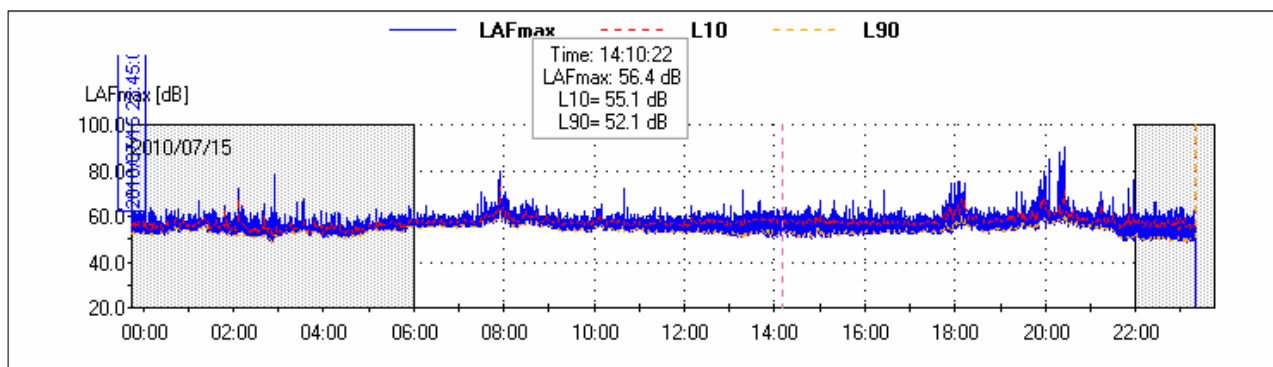
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
81.5	75.1	79.5
75.2	65.2	72.2
73.7	66.3	71.3
92	85.7	90.2
76.8	71.8	75.7
<b>92</b>	<b>85.7</b>	<b>90.2</b>

LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

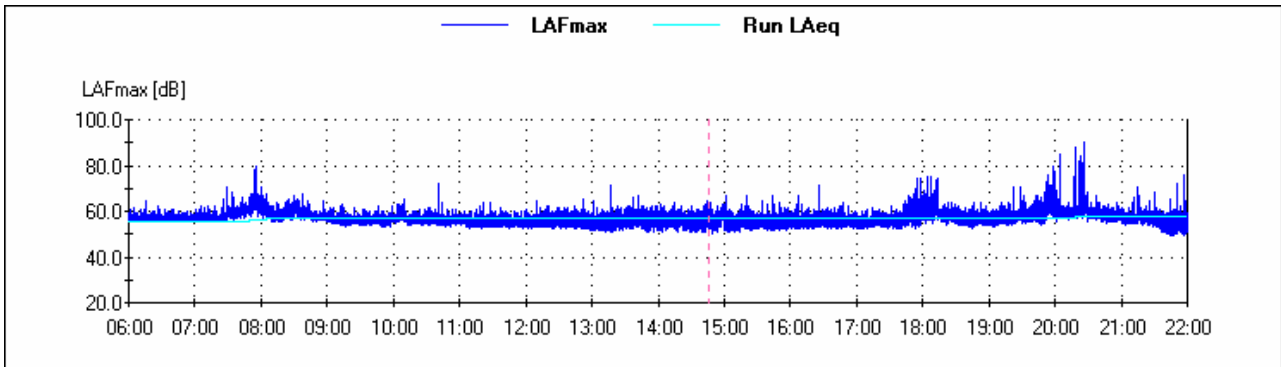
<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
82.1	70.8	78.1
64.9	62.9	64.6
67.4	64.7	66
<b>82.1</b>	<b>70.8</b>	<b>78.1</b>

TIME HISTORY L10 – L90

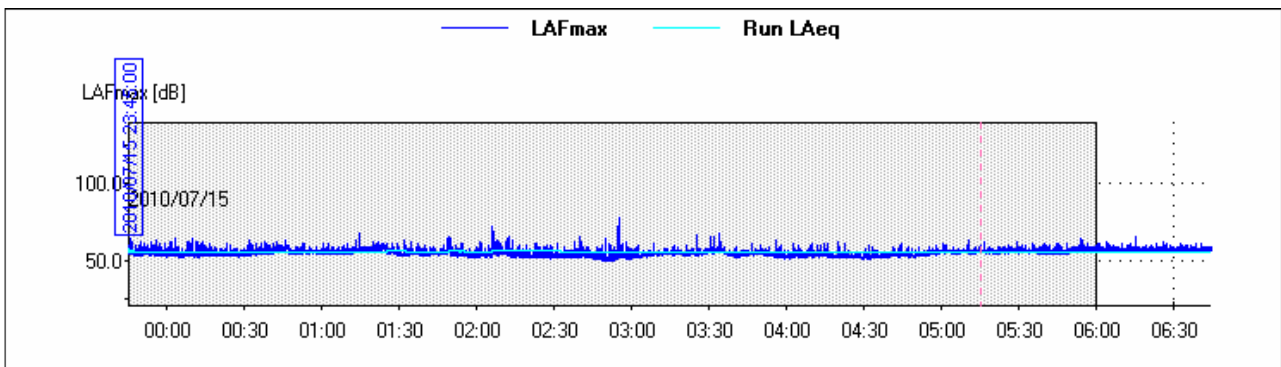




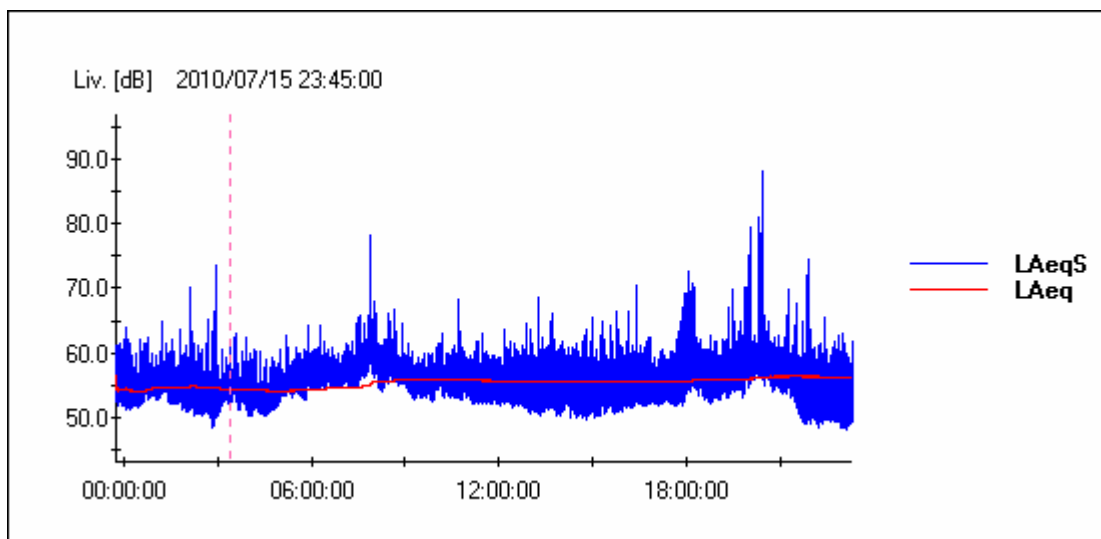
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

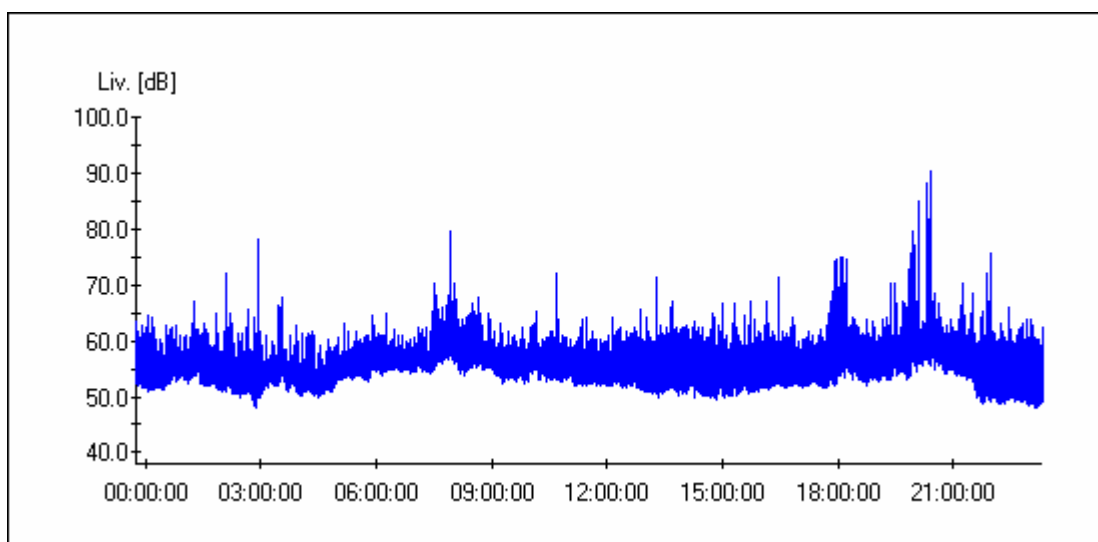


**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"

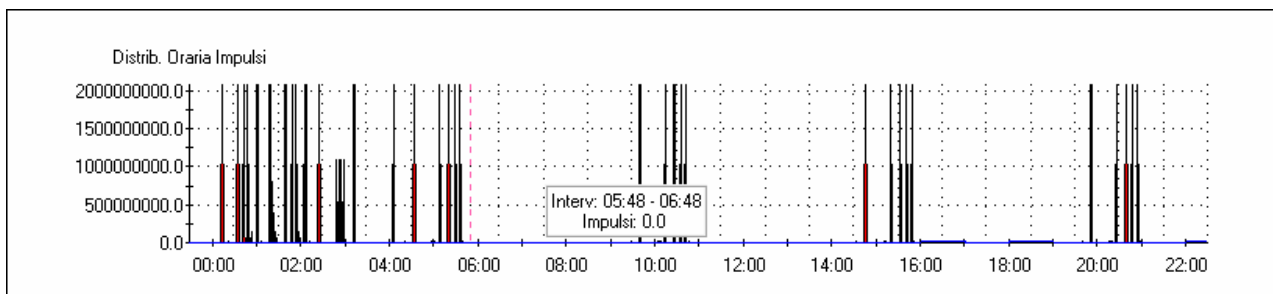
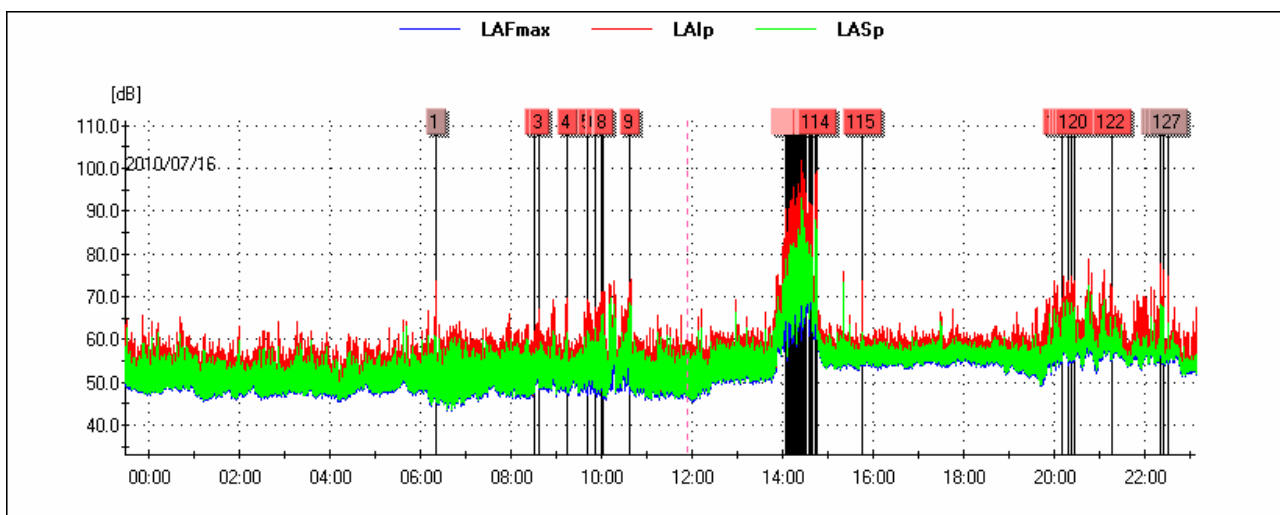


## RICONOSCIMENTO COMPONENTI IMPULSIVE

Il rumore presenta Componenti Impulsive (CI) quando sono verificate le condizioni seguenti:

- ripetitività di n° eventi impulsivi (n°10/ora di giorno e n°2/ora di notte);
- differenza tra LAImax e LASmax superiore a 6 dB;
- durata dell'evento a -10 dB dal valore LAFmax inferiore a 1 s.

La ripetitività viene dimostrata mediante registrazione grafica del livello di pressione sonora ponderato A fast effettuata durante il tempo di misura TM.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Lista degli impulsi nelle 24 ore

Ev	Inizio	Durata LAFmax-10dB[s]	LAFmax[dB]	LAI <sub>max</sub> - LAS <sub>max</sub> [dB]
1	2010/07/17 06:21:42	0.625	69.3	13.0
2	2010/07/17 08:31:02	0.875	58.2	10.1
3	2010/07/17 08:37:56	0.750	62.2	11.7
4	2010/07/17 09:15:51	0.500	62.9	12.8
5	2010/07/17 09:41:19	1.000	64.9	10.3
6	2010/07/17 09:52:12	1.000	61.1	8.5
7	2010/07/17 09:59:54	1.000	65.5	10.3
8	2010/07/17 10:01:57	0.750	68.2	7.5
9	2010/07/17 10:37:33	0.875	68.7	8.7
10	2010/07/17 14:04:58	0.875	81.4	11.7
11	2010/07/17 14:05:02	0.875	81.3	11.5
12	2010/07/17 14:05:30	0.625	86.1	11.7
13	2010/07/17 14:05:43	1.000	72.9	7.0
14	2010/07/17 14:05:46	0.875	73.4	7.7
15	2010/07/17 14:06:38	0.875	76.6	9.3
16	2010/07/17 14:07:45	0.750	74.2	7.7
17	2010/07/17 14:08:00	1.000	78.6	8.7
18	2010/07/17 14:08:02	0.625	82.1	11.3
19	2010/07/17 14:08:05	0.875	85.8	10.6
20	2010/07/17 14:08:25	0.750	85.3	12.3
21	2010/07/17 14:08:28	1.000	81.2	10.3
22	2010/07/17 14:09:16	0.500	86.2	11.6
23	2010/07/17 14:09:28	1.000	81.1	8.5
24	2010/07/17 14:10:05	1.000	77.9	7.9
25	2010/07/17 14:10:59	0.625	84.6	12.9
26	2010/07/17 14:11:38	0.750	85.2	10.8
27	2010/07/17 14:11:58	0.875	82.2	11.0
28	2010/07/17 14:12:00	0.625	79.6	8.1
29	2010/07/17 14:12:39	0.875	77.0	8.3
30	2010/07/17 14:12:48	1.000	80.6	8.6

31	2010/07/17 14:13:11	0.750	87.7	12.6
32	2010/07/17 14:13:29	0.625	78.8	8.7
33	2010/07/17 14:13:40	1.000	85.7	9.6
34	2010/07/17 14:13:52	0.875	85.3	9.3
35	2010/07/17 14:13:54	0.750	88.1	10.1
36	2010/07/17 14:13:56	0.750	84.4	9.0
37	2010/07/17 14:13:58	0.750	82.4	7.8
38	2010/07/17 14:14:07	0.500	89.1	13.8
39	2010/07/17 14:14:09	0.875	85.1	10.8
40	2010/07/17 14:15:26	0.875	78.9	10.1
41	2010/07/17 14:15:38	1.000	75.0	7.1
42	2010/07/17 14:15:40	0.625	90.9	13.2
43	2010/07/17 14:16:04	0.750	80.1	7.3
44	2010/07/17 14:16:26	0.875	80.5	11.7
45	2010/07/17 14:17:03	0.875	79.1	9.7
46	2010/07/17 14:17:04	1.000	81.4	12.0
47	2010/07/17 14:17:22	0.625	87.7	11.5
48	2010/07/17 14:18:18	0.875	84.7	9.1
49	2010/07/17 14:18:33	0.875	83.1	9.5
50	2010/07/17 14:18:35	0.750	79.3	9.5
51	2010/07/17 14:18:58	0.750	81.7	9.1
52	2010/07/17 14:18:59	0.750	84.9	10.7
53	2010/07/17 14:19:00	0.500	82.7	9.4
54	2010/07/17 14:19:08	0.750	78.7	8.3
55	2010/07/17 14:20:02	0.750	78.8	8.3
56	2010/07/17 14:20:18	0.750	91.7	10.6
57	2010/07/17 14:20:24	0.625	89.1	13.5
58	2010/07/17 14:21:26	0.625	81.1	12.7
59	2010/07/17 14:23:39	1.000	82.4	8.3
60	2010/07/17 14:24:13	1.000	80.6	8.0
61	2010/07/17 14:24:27	0.875	79.0	6.9
62	2010/07/17 14:24:29	0.875	81.3	10.5

63	2010/07/17 14:25:01	0.875	94.2	9.5
64	2010/07/17 14:25:02	0.875	92.5	7.7
65	2010/07/17 14:25:03	0.750	92.1	8.2
66	2010/07/17 14:25:04	0.625	91.8	9.6
67	2010/07/17 14:25:18	0.875	96.5	8.5
68	2010/07/17 14:25:26	1.000	78.3	7.3
69	2010/07/17 14:25:35	0.625	92.6	9.6
70	2010/07/17 14:25:38	1.000	93.3	8.4
71	2010/07/17 14:25:42	0.875	85.2	9.8
72	2010/07/17 14:25:44	1.000	98.2	8.5
73	2010/07/17 14:25:51	0.875	95.1	12.6
74	2010/07/17 14:25:53	0.625	91.5	9.8
75	2010/07/17 14:26:00	0.625	78.5	10.5
76	2010/07/17 14:26:00	0.500	94.2	13.5
77	2010/07/17 14:26:03	0.875	88.5	8.1
78	2010/07/17 14:26:06	0.875	79.9	9.2
79	2010/07/17 14:26:10	0.625	95.0	13.9
80	2010/07/17 14:26:22	1.000	81.6	7.8
81	2010/07/17 14:26:56	1.000	80.5	8.3
82	2010/07/17 14:28:52	0.875	91.3	10.5
83	2010/07/17 14:28:53	0.625	84.2	9.8
84	2010/07/17 14:29:29	0.875	83.7	6.3
85	2010/07/17 14:31:07	0.625	83.5	10.2
86	2010/07/17 14:31:33	1.000	89.3	11.7
87	2010/07/17 14:34:51	1.000	82.1	7.5
88	2010/07/17 14:35:32	0.875	87.3	11.9
89	2010/07/17 14:37:13	0.750	87.8	9.2
90	2010/07/17 14:38:04	0.625	87.5	10.1
91	2010/07/17 14:38:07	0.625	85.0	11.9
92	2010/07/17 14:38:45	0.625	86.7	12.2
93	2010/07/17 14:39:09	1.000	83.0	8.6
94	2010/07/17 14:39:10	0.875	82.7	10.4

95	2010/07/17 14:39:11	0.875	80.8	9.1
96	2010/07/17 14:39:12	0.750	85.1	10.2
97	2010/07/17 14:39:15	0.625	83.2	11.4
98	2010/07/17 14:42:53	0.750	89.3	10.4
99	2010/07/17 14:42:55	0.625	88.9	11.5
100	2010/07/17 14:42:58	0.750	89.1	12.8
101	2010/07/17 14:43:03	0.500	90.6	12.3
102	2010/07/17 14:43:04	0.625	92.7	10.4
103	2010/07/17 14:43:05	0.750	86.3	10.1
104	2010/07/17 14:43:06	0.625	91.1	12.3
105	2010/07/17 14:43:07	0.625	86.9	11.1
106	2010/07/17 14:43:13	0.750	90.0	10.2
107	2010/07/17 14:43:14	0.750	92.4	9.0
108	2010/07/17 14:43:17	1.000	95.0	10.4
109	2010/07/17 14:43:21	0.625	90.3	10.0
110	2010/07/17 14:43:24	0.750	86.2	8.9
111	2010/07/17 14:44:59	0.750	81.7	10.3
112	2010/07/17 14:45:32	0.875	92.8	13.1
113	2010/07/17 14:45:34	0.500	86.6	10.5
114	2010/07/17 14:45:35	0.500	94.3	13.2
115	2010/07/17 15:46:05	0.750	69.0	12.1
116	2010/07/17 20:10:43	0.875	68.5	6.4
117	2010/07/17 20:10:46	1.000	67.4	7.9
118	2010/07/17 20:18:19	0.625	70.9	9.7
119	2010/07/17 20:23:42	0.750	71.4	9.5
120	2010/07/17 20:26:54	0.750	67.2	9.3
121	2010/07/17 21:16:13	0.625	67.9	11.7
122	2010/07/17 21:16:21	0.750	67.8	11.3
123	2010/07/17 22:20:13	0.625	73.1	11.8
124	2010/07/17 22:21:24	1.000	74.8	9.8
125	2010/07/17 22:21:33	1.000	68.7	7.0
126	2010/07/17 22:26:19	1.000	74.0	8.9

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

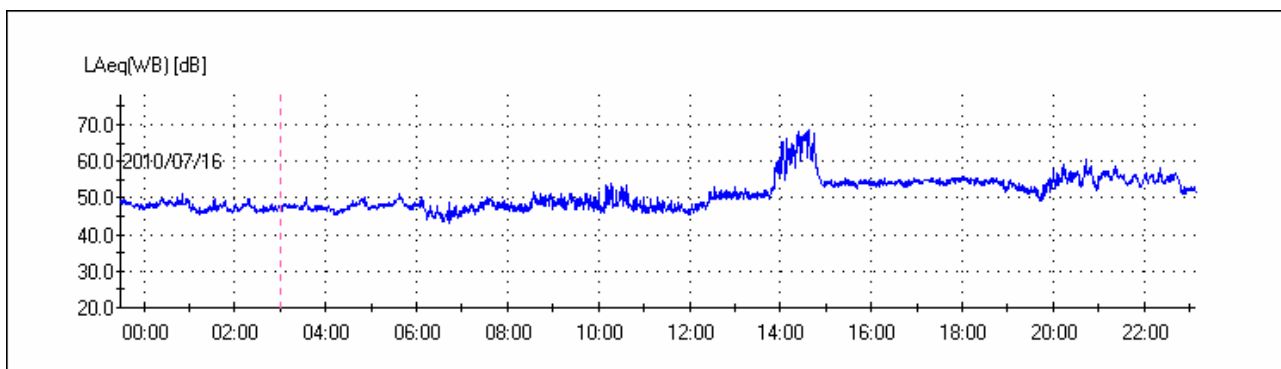
127	2010/07/17 22:31:42	0.625	71.2	11.0
-----	---------------------	-------	------	------

### RICONOSCIMENTO COMPONENTI TONALI

Al fine di individuare la presenza di Componenti Tonalì (CT) nel rumore, si effettua un'analisi spettrale per bande normalizzate di 1/3 di ottava. Si considerano esclusivamente le CT aventi carattere stazionario nel tempo ed in frequenza.

L'analisi è stata svolta nell'intervallo di frequenza compreso tra 20 Hz e 20 KHz.

Si è in presenza di una CT se il livello minimo di una banda supera i livelli minimi delle bande adiacenti per almeno 5 dB.

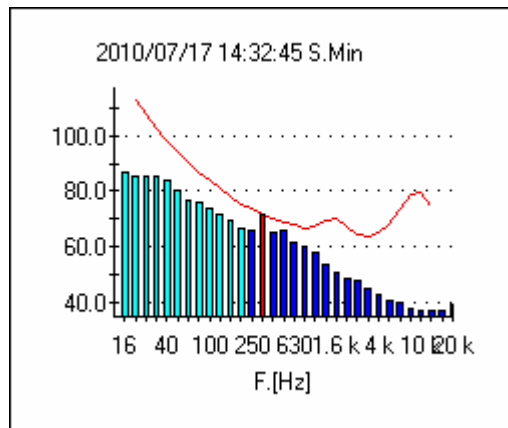


<b>SOGLIE PENALIZZAZIONE</b>	
Persistenza BF	5%
Persistenza AF	5%
<b>TONALI [Hz]</b>	
<b>PERSIST [%]</b>	
<b>PENALIZZAZIONI</b>	
Penalizzazione BF: No	
Penalizzazione AF: No	

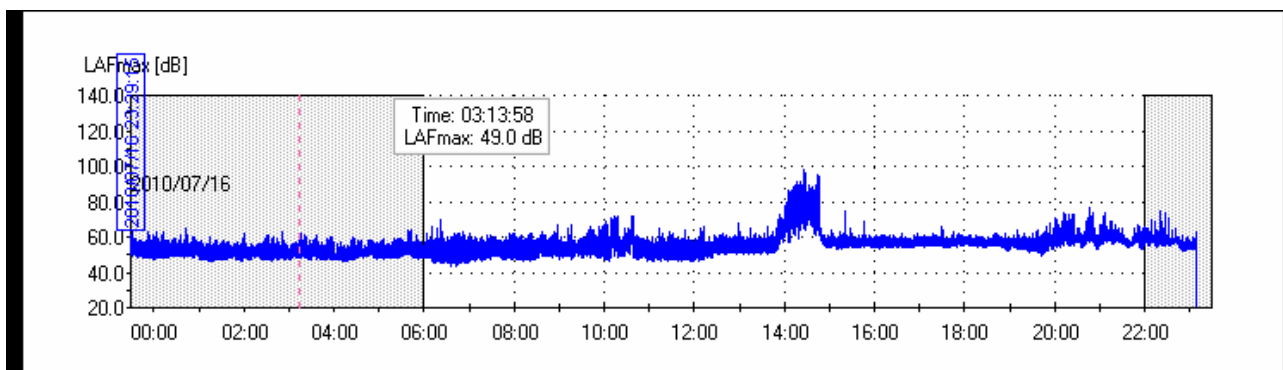


		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

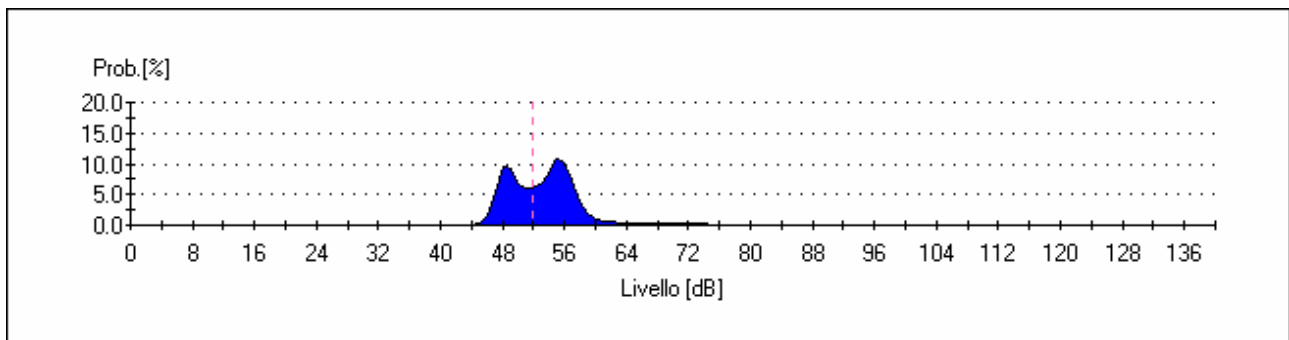
**TIME HISTORY COMPONENTI TONALI**




**GRAFICO DEL CLIMA ACUSTICO GIORNALIERO**



**DISTRIBUTIVA**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

CUMULATIVA

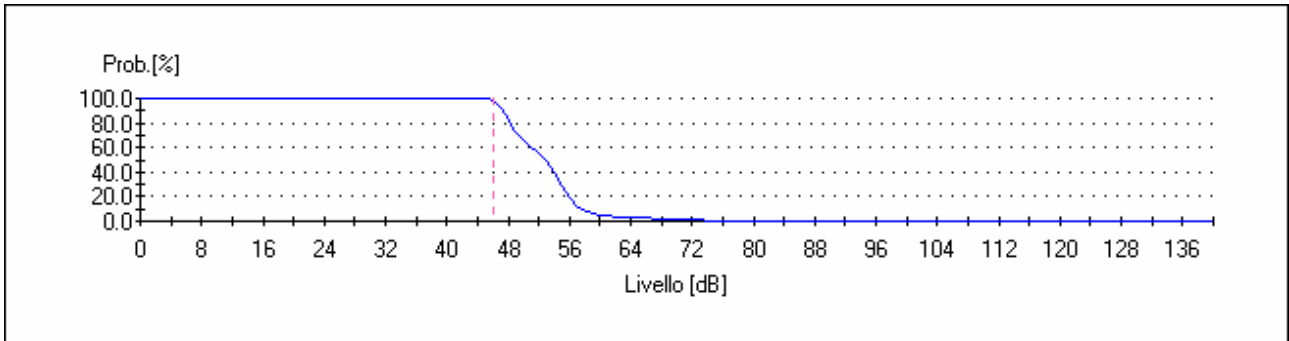
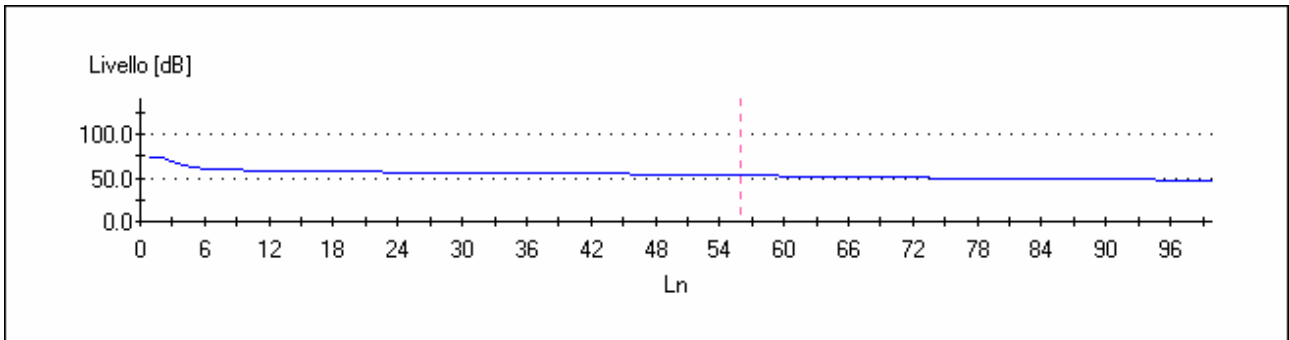


GRAFICO PERCENTILI



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

### LIVELLI PERCENTILI DIURNI

Percentile	Leq.[dB]
0	75.0
1	75.0
2	71.0
3	68.0
4	66.0
5	63.0
6	62.0
7	61.0
8	60.0
9	59.7
10	59.3
11	59.0
12	58.8
13	58.6
14	58.4
15	58.2
16	58.0
17	57.9
18	57.8
19	57.7
20	57.6
21	57.4
22	57.3
23	57.2
24	57.1
25	57.0
26	56.9
27	56.8
28	56.8

29	56.7
30	56.6
31	56.5
32	56.5
33	56.4
34	56.3
35	56.2
36	56.2
37	56.1
38	56.0
39	55.9
40	55.9
41	55.8
42	55.7
43	55.7
44	55.6
45	55.5
46	55.5
47	55.4
48	55.3
49	55.3
50	55.2
51	55.1
52	55.1
53	55.0
54	54.9
55	54.8
56	54.7
57	54.6
58	54.5
59	54.4
60	54.3

61	54.2
62	54.1
63	54.0
64	53.9
65	53.7
66	53.6
67	53.4
68	53.3
69	53.1
70	53.0
71	52.9
72	52.7
73	52.6
74	52.4
75	52.3
76	52.1
77	52.0
78	51.8
79	51.6
80	51.4
81	51.2
82	51.0
83	50.8
84	50.6
85	50.4
86	50.2
87	50.0
88	49.8
89	49.5
90	49.3
91	49.0
92	48.8

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>	
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011

93	48.5
94	48.3
95	48.0
96	47.5
97	47.0
98	46.5
99	46.0

**LIVELLI PERCENTILI NOTTURNI**

Percentile	Leq.[dB]
0	58.0
1	58.0
2	57.7
3	57.3
4	57.0
5	56.8
6	56.6
7	56.4
8	56.2
9	56.0
10	55.7
11	55.3
12	55.0
13	54.8
14	54.5
15	54.3
16	54.0
17	53.8
18	53.7
19	53.5
20	53.3

21	53.2
22	53.0
23	52.8
24	52.5
25	52.3
26	52.0
27	51.9
28	51.7
29	51.6
30	51.4
31	51.3
32	51.1
33	51.0
34	50.9
35	50.8
36	50.7
37	50.6
38	50.5
39	50.5
40	50.4
41	50.3
42	50.2
43	50.1
44	50.0
45	50.0
46	49.9
47	49.8
48	49.8
49	49.8
50	49.7
51	49.7
52	49.6

53	49.5
54	49.5
55	49.5
56	49.4
57	49.3
58	49.3
59	49.3
60	49.2
61	49.2
62	49.1
63	49.0
64	49.0
65	49.0
66	48.9
67	48.9
68	48.8
69	48.8
70	48.7
71	48.7
72	48.6
73	48.6
74	48.5
75	48.5
76	48.5
77	48.4
78	48.4
79	48.3
80	48.3
81	48.2
82	48.2
83	48.1
84	48.1



85	48.0
86	48.0
87	47.9
88	47.8
89	47.8
90	47.7
91	47.6
92	47.5
93	47.4
94	47.3
95	47.3
96	47.2
97	47.1
98	47.0
99	46.0

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

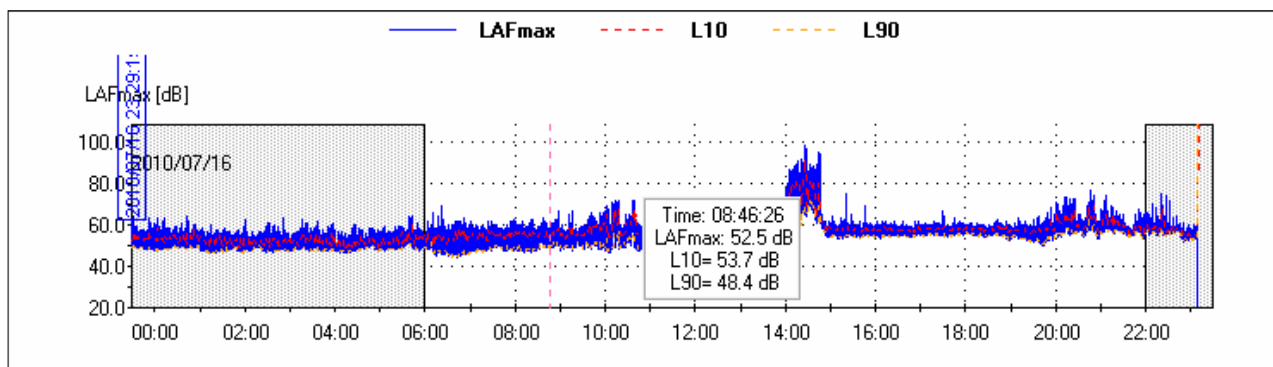
LIVELLI di Impuls – fast – slow massimi nelle 16 ore diurne

<b>LIVELLI DI IMPULS- FAST E SLOW MAX DIURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
73.6	61	69.3
73.9	69.6	71.6
101.9	92.9	98.2
74.8	69.1	73.5
78.9	72.5	76.8
<b>101.9</b>	<b>92.9</b>	<b>98.2</b>

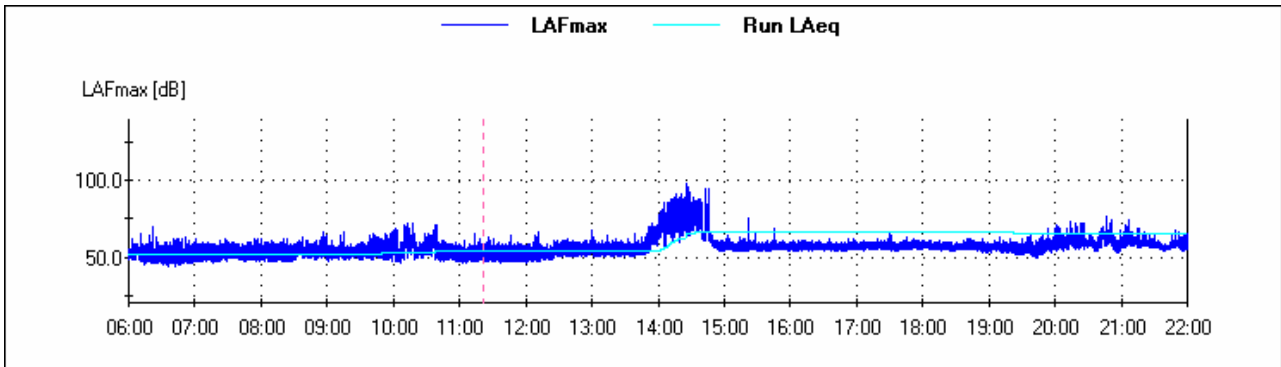
LIVELLI di Impuls – fast – slow massimi nelle 8 ore notturni

<b>LIVELLI DI IMPULS- FAST E SLOW MAX NOTTURNI</b>		
LAIp [dB]	LASp [dB]	LAFp [dB]
65.5	62.5	64.4
64.6	63.2	64.1
77.7	68.3	74.8
<b>77.7</b>	<b>68.3</b>	<b>74.8</b>

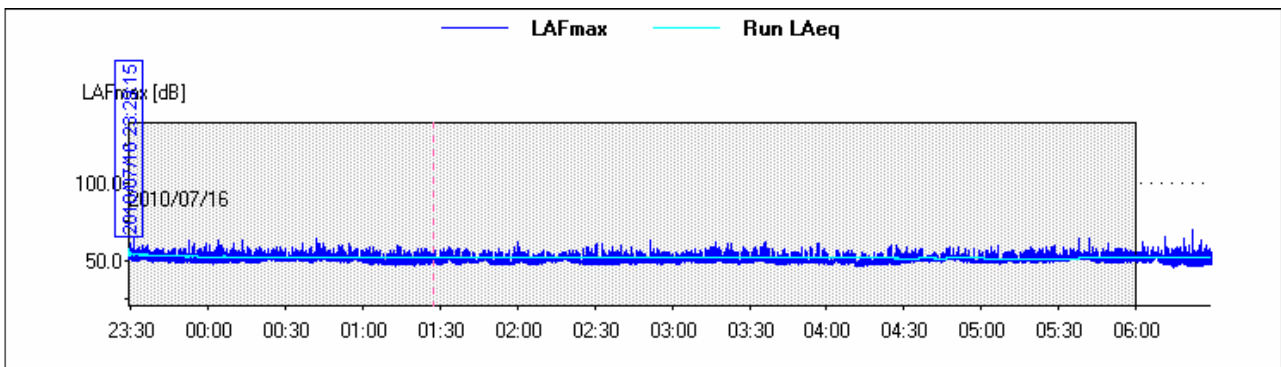
TIME HISTORY L10 – L90



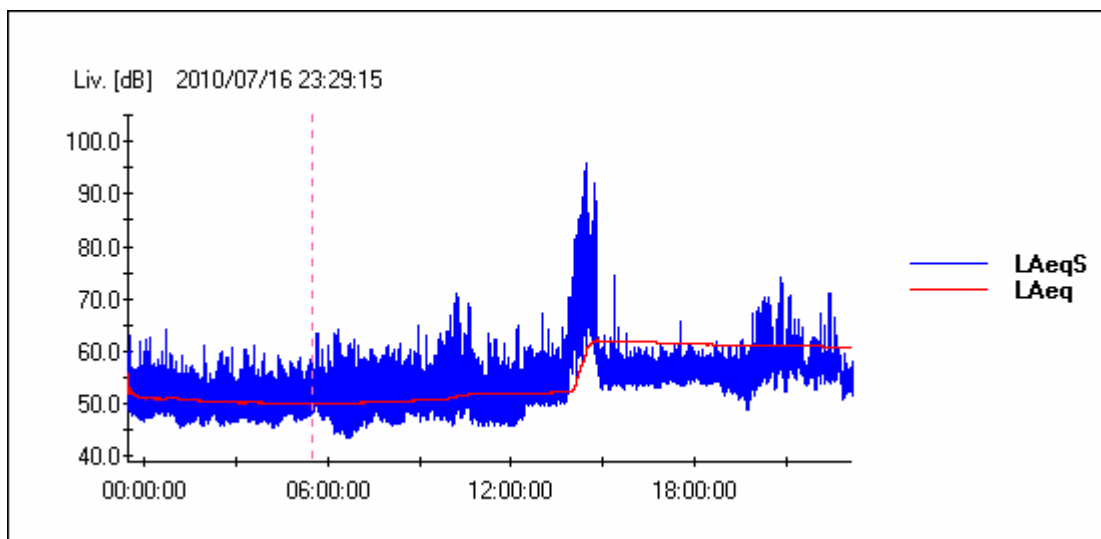
**RUNNING Leq DIURNO**



**RUNNING Leq NOTTURNO**

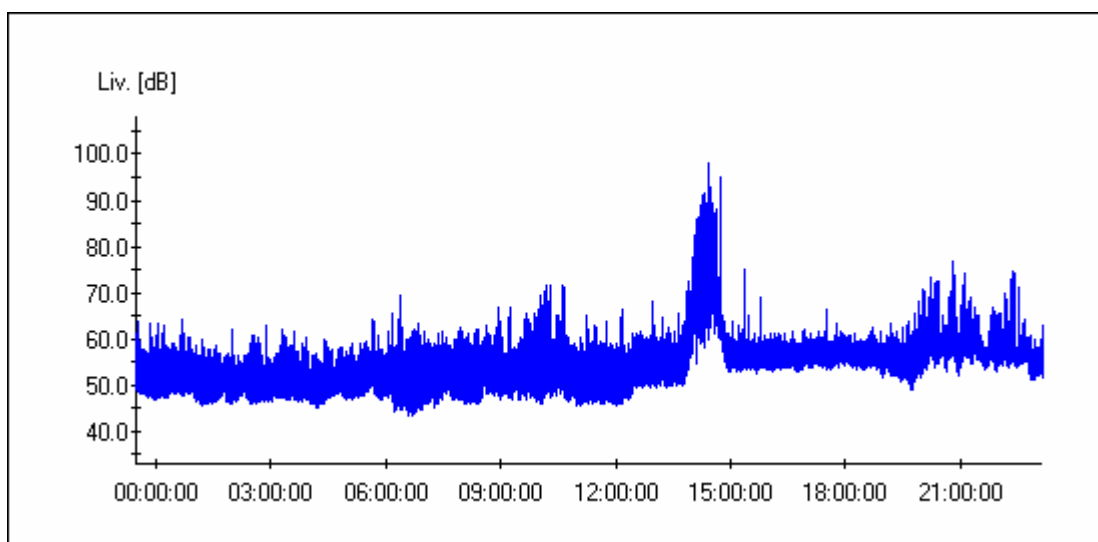


**LA TIME HISTORY LIVELLO EQUIVALENTE PONDERATO "A"**



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</b>	<i>Codice documento</i> AS0105_F0.docx	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

LA TIME HISTORY LIVELLO PRESSIONE SONORA PONDERATA "A"



DATA	Tecnico competente: Studio tecnico ing. Giovanni Chiovetta	
	geom. Antonino Campione	Ing. Giovanni Chiovetta

		<p align="center"><b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO</p>		
<p>MONITORAGGIO EMISSIONI DI RUMORE PER LA MAPPATURA DI CLIMA ACUSTICO VOL.1/2</p>	<p><i>Codice documento</i> AS0105_F0.docx</p>		<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>