

# 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)  
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IL CONTRAENTE GENERALE  
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STRETTO DI MESSINA  
Direttore Generale e  
RUP Validazione  
(Ing. G. Fiammenghi)

STRETTO DI MESSINA  
Amministratore Delegato  
(Dott. P. Ciucci)

*Unità Funzionale* COLLEGAMENTI VERSANTE SICILIA  
*Tipo di sistema* CANTIERI  
*Raggruppamento di opere/attività* OPERATIVI – LOGISTICI  
*Opera - tratto d'opera - parte d'opera* CANTIERI LOGISTICI – CB.51 – MAGNOLIA  
*Titolo del documento* SB2 - TABULATI DI CALCOLO

CZ0429\_F0

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F0	20/06/2011	EMISSIONE FINALE	SALA	MARCHESI	LACAVA



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## 1 Impianti elettrici

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## ALIMENTAZIONE

### DATI GENERALI DI IMPIANTO

Tensione Nominale [V]	Sistema di Neutro	Distribuzione	P. Contrattuale [kW]	Frequenza[Hz]
400	TNS	3 Fasi + Neutro	-	50

### ALIMENTAZIONE PRINCIPALE:TRASFORMATORE

n° trafo	n° rami attivi	S <sub>cc</sub> a monte [MVA]	S <sub>n</sub> [kVA]	I <sub>n</sub> Trafo [A]	V <sub>cc</sub> [%]	P <sub>cu</sub> [kW]
1	1	500	630	909,33	6	7,8

ALIMENTAZIONE DI RISERVA: GENERATORE  
 QUADRO: [QEG] QUADRO GENERALE  
 LINEA: GRUPPO ELETTROGENO

Potenza [kVA]	X Subtransitoria [%]	X Omopolare [%]
186,5	10	6

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## STRUTTURA QUADRI

**QEG** - Quadro Generale

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## LINEE

Utenza	Siglatura	Ph/N/PE Derivazione	P [kW]	Cos φ	Tensione [V]	I <sub>b</sub> [A]
<b>Quadro: [QEG] Quadro Generale</b>						
Al Q1a Dormitorio	U0.1.1	3F+N+PE	72	0,90	400	115,5
Al Q1b Dormitorio	U0.1.2	3F+N+PE	72	0,90	400	115,5
Al Q1c Dormitorio	U0.1.3	3F+N+PE	72	0,90	400	115,5
Al Q1d Dormitorio	U0.1.4	3F+N+PE	72	0,90	400	115,5
Al Q1e Dormitorio	U0.1.5	3F+N+PE	72	0,90	400	115,5
Al Q1f Dormitorio	U0.1.6	3F+N+PE	72	0,90	400	115,5
Al Q2 Lavanderia	U0.1.7	3F+N+PE	16	0,90	400	25,7
Al Q5 Infermeria	U0.1.8	3F+N+PE	16	0,90	400	25,7
Al Q7 Magazzino	U0.1.9	3F+N+PE	9,6	0,90	400	15,4
Al Q8 Club-formaz	U0.1.10	3F+N+PE	4,8	0,90	400	7,7
Gruppo elettrogeno		3F+N+PE	149,2	0,90	400	279
Al Q3 Guardiania	U0.2.2	3F+N+PE	3,2	0,90	400	5,1
Al Q4 Mensa	U0.2.3	3F+N+PE	96	0,90	400	154
Al Q6 Uffici	U0.2.4	3F+N+PE	32	0,90	400	51,3
Elettropompe 1	U0.2.5	F+N+PE	6	0,90	230	29
Elettropompe 2	U0.2.6	F+N+PE	6	0,90	230	29
Pali illuminazione 1		F+N+PE	2	0,90	230	9,7
Orologio + crepusc		F+N+PE	0		230	0
Pali illuminazione 1	U0.3.2	F+N+PE	2	0,90	230	9,7
Pali illuminazione 2		F+N+PE	2	0,90	230	9,7
Orologio + crepusc		F+N+PE	0		230	0
Pali illuminazione 2	U0.3.4	F+N+PE	2	0,90	230	9,7
Pali illuminazione 3		F+N+PE	2	0,90	230	9,7
Orologio + crepusc		F+N+PE	0		230	0
Pali illuminazione 3	U0.3.6	F+N+PE	2	0,90	230	9,7



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## REGOLAZIONI

Utenza	Interruttore	Poli	Curva Sganciatore	I <sub>n</sub> [A]	I <sub>r</sub> [A]	T <sub>r</sub> [s]	I <sub>m</sub> [kA]	I <sub>sd</sub> [kA]
Siglatura	T <sub>sd</sub> [s]	I <sub>i</sub> [kA]	I <sub>g</sub> [A]	T <sub>g</sub> [s]	Differenz.	Classe	I <sub>Δn</sub> [A]	T <sub>Δn</sub> [s]

### Quadro: [QEG] Quadro Generale

Generale	NS1000 N	4	MicroL2.0	1000	900 x0,9	8	9 x10	9
Q1	-	-	-	-	-	-	-	-
AI Q1a Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.1	-	-	-	-	-	-	-	-
AI Q1b Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.2	-	-	-	-	-	-	-	-
AI Q1c Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.3	-	-	-	-	-	-	-	-
AI Q1d Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.4	-	-	-	-	-	-	-	-
AI Q1e Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.5	-	-	-	-	-	-	-	-
AI Q1f Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.6	-	-	-	-	-	-	-	-
AI Q2 Lavanderia	C60 H	4	C	32	32	-	0,32	0,32
Q0.1.7	-	-	-	-	-	-	-	-
AI Q5 Infermeria	C60 H	4	C	32	32	-	0,32	0,32
Q0.1.8	-	-	-	-	-	-	-	-
AI Q7 Magazzino	C60 H	4	C	16	16	-	0,16	0,16
Q0.1.9	-	-	-	-	-	-	-	-
AI Q8 Club-formaz	C60 H	4	C	10	10	-	0,1	0,1
Q0.1.10	-	-	-	-	-	-	-	-
Gruppo elettrogeno	NSX400 F	4	MicroL2.3	400	280 x1	-	2,8 x10	2,8
Q0.2.1	-	-	-	-	-	-	-	-

Utenza	Interruttore	Poli	Curva Sganciatore	I <sub>n</sub> [A]	I <sub>r</sub> [A]	T <sub>r</sub> [s]	I <sub>m</sub> [kA]	I <sub>sd</sub> [kA]
Siglatura	T <sub>sd</sub> [s]	I <sub>i</sub> [kA]	I <sub>g</sub> [A]	T <sub>g</sub> [s]	Differenz.	Classe	I <sub>Δn</sub> [A]	T <sub>Δn</sub> [s]
AI Q3 Guardiania Q0.2.2	C60 H -	4 -	C -	6 -	6	-	0,06	0,06
AI Q4 Mensa Q0.2.3	NSX160 E -	4 -	TM-D -	160 -	160 x1	-	1,25	1,25
AI Q6 Uffici Q0.2.4	C60 H -	4 -	C -	63 -	63	-	0,63	0,63
Elettropompe 1 Q0.2.5	C60 N -	2 -	C -	32 -	32 Vigi	- A si	0,32 0,03	0,32 Ist.
Elettropompe 2 Q0.2.6	C60 N -	2 -	C -	32 -	32 Vigi	- A si	0,32 0,03	0,32 Ist.
Pali illuminazione 1 Q0.2.7	C60 N -	2 -	C -	10 -	10 Vigi	- A si	0,1 0,03	0,1 Ist.
Pali illuminazione 2 Q0.2.8	C60 N -	2 -	C -	10 -	10 Vigi	- A si	0,1 0,03	0,1 Ist.
Pali illuminazione 3 Q0.2.9	C60 N -	2 -	C -	10 -	10 Vigi	- A si	0,1 0,03	0,1 Ist.

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## CALCOLI E VERIFICHE

**QUADRO:** [QEG] QUADRO GENERALE

**LINEA:** GENERALE

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
502,08	839,4	839,4	793,01	793,01	0,90		0,80	

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L1	3F+N+PE	uni	EPR	1	32	30			ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]	Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
3x240 fase neutro PE	-	0,025	0,0301	3,2174	15,2566	0,02	0,02	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
839,4	1029	14,84	14,81	13,6	13,6

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Generale	NS1000 N	4	MicroL2.0	1000	900	8	9	9
Q1	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	-	-	-

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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1A DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.1	3F+N+PE	uni	EPR	25	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]	Prof. di Posa [m]		$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max prog} [%]$
1x 50    1x 50    1x 25	0,8		9,0	2,525	12,2174	17,7816	0,59	0,61	4,0

$I_b [A]$	$I_z [A]$	$I_{cc max inizio linea} [kA]$	$I_{cc max Fine linea} [kA]$	$I_{ccmin fine linea} [kA]$	$I_{cc Terra} [kA]$
115,5	150	14,81	10,7	5,78	4,39

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1a Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.1	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1B DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.2	3F+N+PE	uni	EPR	70	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 50	1x 50	1x 25	0,8	25,2	7,07	28,4174	22,3266	1,64	1,66	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
115,5	150	14,81	6,39	2,55	1,79

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1b Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.2	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1C DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.3	3F+N+PE	uni	EPR	100	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max prog} [%]$
fase	neutro	PE								
1x 50	1x 50	1x 25	0,8	36,0	10,1	39,2174	25,3566	2,35	2,37	4,0

$I_b [A]$	$I_z [A]$	$I_{cc max inizio linea} [kA]$	$I_{cc max Fine linea} [kA]$	$I_{ccmin fine linea} [kA]$	$I_{cc Terra} [kA]$
115,5	150	14,81	4,95	1,85	1,28

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1c Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.3	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1D DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.4	3F+N+PE	uni	EPR	100	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 50	1x 50	1x 25	0,8	36,0	10,1	39,2174	25,3566	2,35	2,37	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
115,5	150	14,81	4,95	1,85	1,28

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1d Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.4	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1E DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.5	3F+N+PE	uni	EPR	115	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 70	1x 70	1x 35	0,8	29,5714	11,0975	32,7888	26,3541	1,94	1,96	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
115,5	184	14,81	5,49	2,17	1,53

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1e Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.5	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q1F DORMITORIO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
72	115,47	115,47	115,47	115,47	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.6	3F+N+PE	uni	EPR	115	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 70	1x 70	1x 35	0,8	29,5714	11,0975	32,7888	26,3541	1,94	1,96	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
115,5	184	14,81	5,49	2,17	1,53

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q1f Dormitorio	NG125 a	4	C	125	125	-	1,25	1,25
Q0.1.6	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q2 LAVANDERIA**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
16	25,66	25,66	25,66	25,66	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.7	3F+N+PE	multi	EPR	220	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 25	1x 25	1x 16	0,8	158,4	17,886	161,6174	33,1426	2,08	2,1	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
25,7	92,1	14,81	1,4	0,45	0,35

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
AI Q2 Lavanderia	C60 H	4	C	32	32	-	0,32	0,32
Q0.1.7	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q5 INFERMERIA**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
16	25,66	25,66	25,66	25,66	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.8	3F+N+PE	multi	EPR	195	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 16	1x 16	1x 16	0,8	219,375	15,9315	222,5924	31,1881	2,87	2,89	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
25,7	71,3	14,81	1,03	0,33	0,33

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
AI Q5 Infermeria	C60 H	4	C	32	32	-	0,32	0,32
Q0.1.8	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q7 MAGAZZINO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
9,6	15,4	15,4	15,4	15,4	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.9	3F+N+PE	multi	EPR	240	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 10	1x 10	1x 10	0,8	432,0	20,664	435,2174	35,9206	3,33	3,35	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
15,4	54,5	14,81	0,53	0,17	0,17

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
AI Q7 Magazzino	C60 H	4	C	16	16	-	0,16	0,16
Q0.1.9	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q8 CLUB-FORMAZ**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
4,8	7,7	7,7	7,7	7,7	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.1.10	3F+N+PE	multi	EPR	260	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]	Prof. di Posa [m]		$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
1x 10    1x 10    1x 10	0,8		468,0	22,386	471,2174	37,6426	1,8	1,82	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
7,7	54,5	14,81	0,49	0,15	0,15

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q8 Club-formaz	C60 H	4	C	10	10	-	0,1	0,1
Q0.1.10	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	Verificata	Verificata	Verificata

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: GRUPPO ELETTROGENO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
149,2	278,97	278,97	220,98	220,98	0,90		1,00	

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: GRUPPO ELETTROGENO**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
149,2	278,97	278,97	220,98	220,98	0,90		1,00	

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.1	3F+N+PE	uni	EPR	1	11	30			ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 95	1x 50	1x 50	-	0,1895	0,0975	0,1895	85,8884	0,03	0,03	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
279	328	3,11	2,69	2,55	2,55

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Gruppo elettrogeno	NSX400 F	4	MicroL2.3	400	280	-	2,8	2,8
Q0.2.1	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata	-	-	-

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q3 GUARDIANIA**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
3,2	5,13	5,13	5,13	5,13	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.2	3F+N+PE	uni	EPR	150	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 2,5	1x 2,5	1x 2,5	0,8	1080,0	23,4	1082,217 4 (1080,18 95)	37,6566 (109,288 4)	2,69	2,71 (2,72)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{cc\ min\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
5,1	27	14,81 (2,69)	0,21 (0,21)	0,07 (0,07)	0,07 (0,07)

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
AI Q3 Guardiania	C60 H	4	C	6	6	-	0,06	0,06
Q0.2.2	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q4 MENSA**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
96	153,96	153,96	153,96	153,96	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.3	3F+N+PE	uni	EPR	170	61	30		1,08	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x120	1x120	1x 70	0,8	25,5	15,963	27,7174 (25,6895)	30,2196 (101,8514)	2,38	2,4 (2,41)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
154	251	14,81 (2,69)	5,44 (2,2)	2,32 (1,55)	1,84 (1,38)

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q4 Mensa	NSX160 E	4	TM-D	160	160	-	1,25	1,25
Q0.2.3	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
		SB2 – TABULATI DI CALCOLO	<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: AL Q6 UFFICI**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
32	51,32	51,32	51,32	51,32	0,90	0,80		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.4	3F+N+PE	multi	EPR	220	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 70	1x 70	1x 35	0,8	56,5714	16,522	58,7888 (56,7609)	30,7786 (102,410 4)	1,63	1,65 (1,66)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
51,3	172,3	14,81 (2,69)	3,41 (1,97)	1,21 (1,05)	0,83 (0,77)

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Al Q6 Uffici	C60 H	4	C	63	63	-	0,63	0,63
Q0.2.4	-	-	-	-				

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: ELETTOPOMPE 1**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
6	28,99	28,99	0	0	0,90	1,00		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.5	F+N+PE	multi	EPR	150	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 25	1x 25	1x 16	0,8	108,0	12,195	110,2174 (108,1895)	26,4516 (98,0834)	3,22	3,24 (3,25)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{cc\ min\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
29	109,9	14,81 (2,69)	2,02 (1,58)	0,66 (0,64)	0,52 (0,51)

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Elettropompe 1	C60 N	2	C	32	32	-	0,32	0,32
Q0.2.5	-	-	-	-	Vigi	A si	0,03	Ist.

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
SB2 – TABULATI DI CALCOLO		Codice documento CZ0429_F0	Rev F0	Data 20/06/2011

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: ELETTOPOMPE 2**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
6	28,99	28,99	0	0	0,90	1,00		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.2.6	F+N+PE	multi	EPR	140	61	30		1,06	ravv.		1,0

Sezione Conduttori [mm <sup>2</sup> ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 25	1x 25	1x 16	0,8	100,8	11,382	103,0174 (100,9895)	25,6386 (97,2704)	3,01	3,03 (3,04)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{cc\ min\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
29	109,9	14,81 (2,69)	2,15 (1,65)	0,71 (0,68)	0,55 (0,54)

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Elettropompe 2	C60 N	2	C	32	32	-	0,32	0,32
Q0.2.6	-	-	-	-	Vigi	A si	0,03	Ist.

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 1**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	9,66	0	0	0,90		1,00	

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Pali illuminazione 1	C60 N	2	C	10	10	-	0,1	0,1
Q0.2.7	-	-	-	-	Vigi	A si	0,03	lst.

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## CALCOLI E VERIFICHE

**QUADRO:** [QEG] QUADRO GENERALE

**LINEA:** OROLOGIO + CREPUSC

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm}$ [A]	$I_R [A]$	$I_S [A]$	$I_T [A]$	COS $\varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
0	0	0	0	0				

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 1**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	9,66	0	0	0,90	1,00		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.3.2	F+N+PE	multi	EPR	100	61	30		1,06	ravv.		1,0

Sezione Conduttori [ $mm^2$ ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 6	1x 6	1x 6	0,8	300,0	9,55	301,2174 (299,1895)	22,8066 (94,4384)	2,89	2,91 (2,92)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
9,7	48,5	14,81 (2,69)	0,76 (0,73)	0,24 (0,24)	0,24 (0,24)

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
SB2 – TABULATI DI CALCOLO		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 2**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	0	9,66	0	0,90		1,00	

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Pali illuminazione 2	C60 N	2	C	10	10	-	0,1	0,1
Q0.2.8	-	-	-	-	Vigi	A si	0,03	lst.



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## CALCOLI E VERIFICHE

**QUADRO:** [QEG] QUADRO GENERALE

**LINEA:** OROLOGIO + CREPUSC

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm}$ [A]	$I_R [A]$	$I_S [A]$	$I_T [A]$	COS $\varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
0	0	0	0	0				

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 2**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	0	9,66	0	0,90	1,00		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.3.4	F+N+PE	multi	EPR	200	61	30		1,06	ravv.		1,0

Sezione Conduttori [ $mm^2$ ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 10	1x 10	1x 10	0,8	360,0	17,22	361,2174 (359,189 5)	30,4766 (102,108 4)	3,5	3,52 (3,53)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
9,7	65,3	14,81 (2,69)	0,63 (0,62)	0,2 (0,2)	0,2 (0,2)

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)

		<b>Ponte sullo Stretto di Messina</b> PROGETTO DEFINITIVO		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 3**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	0	0	9,66	0,90		1,00	

### INTERRUTTORE

Utenza	Interruttore	Poli	Curva Sganciatore	$I_n [A]$	$I_r [A]$	$T_r [s]$	$I_m [kA]$	$I_{sd} [kA]$
Siglatura	$T_{sd} [s]$	$I_i [kA]$	$I_g [A]$	$T_g [s]$	Differenz.	Classe	$I_{\Delta n} [A]$	$T_{\Delta n} [s]$
Pali illuminazione 3	C60 N	2	C	10	10	-	0,1	0,1
Q0.2.9	-	-	-	-	Vigi	A si	0,03	lst.

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO:** [QEG] QUADRO GENERALE

**LINEA:** OROLOGIO + CREPUSC

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
0	0	0	0	0				

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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## CALCOLI E VERIFICHE

**QUADRO: [QEG] QUADRO GENERALE**

**LINEA: PALI ILLUMINAZIONE 3**

### CARATTERISTICHE GENERALI DELLA LINEA

P [kW]	$I_b [A]/I_{nm} [A]$	$I_R [A]$	$I_S [A]$	$I_T [A]$	$\cos \varphi_b$	$K_{utilizzo}$	$K_{contemp.}$	$\eta$
2	9,66	0	0	9,66	0,90	1,00		

### CAVO

Siglatura	Derivazione	tipo conduttore	Isolante	Lungh. [m]	Posa 64-8	$T_{emp.} [^{\circ}C]$	n° supp.	Resistività [ $^{\circ}K m/W$ ]	ravv. dist.	altri circuiti	K secur.
L0.3.6	F+N+PE	multi	EPR	250	61	30		1,06	ravv.		1,0

Sezione Conduttori [ $mm^2$ ]			Prof. di Posa [m]	$R_{cavo} [m\Omega]$	$X_{cavo} [m\Omega]$	$R_{tot} [m\Omega]$	$X_{tot} [m\Omega]$	$\Delta V_{cavo} [%]$	$\Delta V_{tot} [%]$	$\Delta V_{max\ prog} [%]$
fase	neutro	PE								
1x 16	1x 16	1x 16	0,8	281,25	20,425	282,4674 (280,439 5)	33,6816 (105,313 4)	2,78	2,8 (2,81)	4,0

$I_b [A]$	$I_z [A]$	$I_{cc\ max\ inizio\ linea} [kA]$	$I_{cc\ max\ Fine\ linea} [kA]$	$I_{ccmin\ fine\ linea} [kA]$	$I_{cc\ Terra} [kA]$
9,7	85,1	14,81 (2,69)	0,81 (0,77)	0,26 (0,26)	0,26 (0,26)

### VERIFICHE PROTEZIONI

Sovraccarico	Corto Circuito massimo	Corto Circuito minimo	Persone
Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)	Verificata (Verificata)



		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

## 2 Fondazioni prefabbricati

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Table: Active Degrees of Freedom

UX Yes/No	UY Yes/No	UZ Yes/No	RX Yes/No	RY Yes/No	RZ Yes/No
Yes	Yes	Yes	Yes	Yes	Yes

Table: Analysis Case Definitions, Part 1 of 2

Case Text	Type Text	InitialCond Text	ModalCase Text	RunCase Yes/No	GUID Text
DEAD	LinStatic	Zero		Yes	
MODAL	LinModal	Zero		Yes	
q	LinStatic	Zero		Yes	

Table: Analysis Case Definitions, Part 2 of 2

Case Text	Notes Text
DEAD	
MODAL	
q	

Table: Analysis Options

Solver Text	Force32Bit Yes/No	StiffCase Text	GeomMod Yes/No
Advanced	No	None	No

Table: Assembled Joint Masses

Joint Text	U1 KN-s2/m	U2 KN-s2/m	U3 KN-s2/m	R1 KN-m-s2	R2 KN-m-s2	R3 KN-m-s2
1	0.58	0.58	0.58	0.0000	0.0000	0.0000
2	0.88	0.88	0.88	0.0000	0.0000	0.0000
3	0.88	0.88	0.88	0.0000	0.0000	0.0000
4	0.88	0.88	0.88	0.0000	0.0000	0.0000
5	0.88	0.88	0.88	0.0000	0.0000	0.0000
6	1.18	1.18	1.18	0.0000	0.0000	0.0000
7	1.18	1.18	1.18	0.0000	0.0000	0.0000
8	0.88	0.88	0.88	0.0000	0.0000	0.0000
9	0.88	0.88	0.88	0.0000	0.0000	0.0000
10	0.58	0.58	0.58	0.0000	0.0000	0.0000
11	0.46	0.46	0.46	0.0000	0.0000	0.0000
12	0.76	0.76	0.76	0.0000	0.0000	0.0000
13	0.76	0.76	0.76	0.0000	0.0000	0.0000
14	0.76	0.76	0.76	0.0000	0.0000	0.0000
15	0.76	0.76	0.76	0.0000	0.0000	0.0000
16	0.76	0.76	0.76	0.0000	0.0000	0.0000
17	0.76	0.76	0.76	0.0000	0.0000	0.0000
18	0.76	0.76	0.76	0.0000	0.0000	0.0000
19	0.76	0.76	0.76	0.0000	0.0000	0.0000
20	0.46	0.46	0.46	0.0000	0.0000	0.0000
21	0.56	0.56	0.56	0.0000	0.0000	0.0000
22	0.56	0.56	0.56	0.0000	0.0000	0.0000
23	0.56	0.56	0.56	0.0000	0.0000	0.0000
24	0.56	0.56	0.56	0.0000	0.0000	0.0000
25	0.56	0.56	0.56	0.0000	0.0000	0.0000
26	0.56	0.56	0.56	0.0000	0.0000	0.0000
27	0.56	0.56	0.56	0.0000	0.0000	0.0000
28	0.56	0.56	0.56	0.0000	0.0000	0.0000
29	0.56	0.56	0.56	0.0000	0.0000	0.0000
30	0.56	0.56	0.56	0.0000	0.0000	0.0000
31	0.56	0.56	0.56	0.0000	0.0000	0.0000
32	0.56	0.56	0.56	0.0000	0.0000	0.0000
33	0.56	0.56	0.56	0.0000	0.0000	0.0000
34	0.56	0.56	0.56	0.0000	0.0000	0.0000
35	0.56	0.56	0.56	0.0000	0.0000	0.0000
36	0.56	0.56	0.56	0.0000	0.0000	0.0000

**SB2 – TABULATI DI CALCOLO**
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F0	20/06/2011

37	0.44	0.44	0.44	0.0000	0.0000	0.0000
50	0.44	0.44	0.44	0.0000	0.0000	0.0000
51	0.56	0.56	0.56	0.0000	0.0000	0.0000
52	0.56	0.56	0.56	0.0000	0.0000	0.0000
53	0.56	0.56	0.56	0.0000	0.0000	0.0000
54	0.56	0.56	0.56	0.0000	0.0000	0.0000
55	0.56	0.56	0.56	0.0000	0.0000	0.0000
56	0.56	0.56	0.56	0.0000	0.0000	0.0000
57	0.56	0.56	0.56	0.0000	0.0000	0.0000
58	0.56	0.56	0.56	0.0000	0.0000	0.0000
59	0.56	0.56	0.56	0.0000	0.0000	0.0000
60	0.56	0.56	0.56	0.0000	0.0000	0.0000
61	0.56	0.56	0.56	0.0000	0.0000	0.0000
62	0.56	0.56	0.56	0.0000	0.0000	0.0000
63	0.56	0.56	0.56	0.0000	0.0000	0.0000
64	0.56	0.56	0.56	0.0000	0.0000	0.0000
65	0.56	0.56	0.56	0.0000	0.0000	0.0000
66	0.56	0.56	0.56	0.0000	0.0000	0.0000
73	0.44	0.44	0.44	0.0000	0.0000	0.0000
74	0.56	0.56	0.56	0.0000	0.0000	0.0000
75	0.56	0.56	0.56	0.0000	0.0000	0.0000
76	0.56	0.56	0.56	0.0000	0.0000	0.0000
77	0.56	0.56	0.56	0.0000	0.0000	0.0000
78	0.56	0.56	0.56	0.0000	0.0000	0.0000
79	0.56	0.56	0.56	0.0000	0.0000	0.0000
80	0.56	0.56	0.56	0.0000	0.0000	0.0000
81	0.56	0.56	0.56	0.0000	0.0000	0.0000
82	0.56	0.56	0.56	0.0000	0.0000	0.0000
83	0.56	0.56	0.56	0.0000	0.0000	0.0000
84	0.56	0.56	0.56	0.0000	0.0000	0.0000
85	0.56	0.56	0.56	0.0000	0.0000	0.0000
86	0.56	0.56	0.56	0.0000	0.0000	0.0000
87	0.56	0.56	0.56	0.0000	0.0000	0.0000
88	0.56	0.56	0.56	0.0000	0.0000	0.0000
89	0.56	0.56	0.56	0.0000	0.0000	0.0000
96	0.44	0.44	0.44	0.0000	0.0000	0.0000
97	0.56	0.56	0.56	0.0000	0.0000	0.0000
98	0.56	0.56	0.56	0.0000	0.0000	0.0000
99	0.56	0.56	0.56	0.0000	0.0000	0.0000
100	0.56	0.56	0.56	0.0000	0.0000	0.0000
101	0.56	0.56	0.56	0.0000	0.0000	0.0000
102	0.56	0.56	0.56	0.0000	0.0000	0.0000
103	0.56	0.56	0.56	0.0000	0.0000	0.0000
104	0.56	0.56	0.56	0.0000	0.0000	0.0000
105	0.56	0.56	0.56	0.0000	0.0000	0.0000
106	0.56	0.56	0.56	0.0000	0.0000	0.0000
107	0.56	0.56	0.56	0.0000	0.0000	0.0000
108	0.56	0.56	0.56	0.0000	0.0000	0.0000
109	0.56	0.56	0.56	0.0000	0.0000	0.0000
110	0.56	0.56	0.56	0.0000	0.0000	0.0000
111	0.56	0.56	0.56	0.0000	0.0000	0.0000
112	0.56	0.56	0.56	0.0000	0.0000	0.0000
119	0.44	0.44	0.44	0.0000	0.0000	0.0000
120	0.56	0.56	0.56	0.0000	0.0000	0.0000
121	0.56	0.56	0.56	0.0000	0.0000	0.0000
122	0.56	0.56	0.56	0.0000	0.0000	0.0000
123	0.56	0.56	0.56	0.0000	0.0000	0.0000
124	0.56	0.56	0.56	0.0000	0.0000	0.0000
125	0.56	0.56	0.56	0.0000	0.0000	0.0000
126	0.56	0.56	0.56	0.0000	0.0000	0.0000
127	0.56	0.56	0.56	0.0000	0.0000	0.0000
128	0.56	0.56	0.56	0.0000	0.0000	0.0000
129	0.56	0.56	0.56	0.0000	0.0000	0.0000
130	0.56	0.56	0.56	0.0000	0.0000	0.0000
131	0.56	0.56	0.56	0.0000	0.0000	0.0000
132	0.56	0.56	0.56	0.0000	0.0000	0.0000
133	0.56	0.56	0.56	0.0000	0.0000	0.0000
134	0.56	0.56	0.56	0.0000	0.0000	0.0000
135	0.56	0.56	0.56	0.0000	0.0000	0.0000
142	0.44	0.44	0.44	0.0000	0.0000	0.0000
143	0.56	0.56	0.56	0.0000	0.0000	0.0000
144	0.56	0.56	0.56	0.0000	0.0000	0.0000
145	0.56	0.56	0.56	0.0000	0.0000	0.0000
146	0.56	0.56	0.56	0.0000	0.0000	0.0000
147	0.56	0.56	0.56	0.0000	0.0000	0.0000
148	0.56	0.56	0.56	0.0000	0.0000	0.0000
149	0.56	0.56	0.56	0.0000	0.0000	0.0000
150	0.56	0.56	0.56	0.0000	0.0000	0.0000
151	0.56	0.56	0.56	0.0000	0.0000	0.0000
152	0.56	0.56	0.56	0.0000	0.0000	0.0000
153	0.56	0.56	0.56	0.0000	0.0000	0.0000
154	0.56	0.56	0.56	0.0000	0.0000	0.0000
155	0.56	0.56	0.56	0.0000	0.0000	0.0000
156	0.56	0.56	0.56	0.0000	0.0000	0.0000
157	0.56	0.56	0.56	0.0000	0.0000	0.0000
158	0.56	0.56	0.56	0.0000	0.0000	0.0000
165	0.44	0.44	0.44	0.0000	0.0000	0.0000
166	0.56	0.56	0.56	0.0000	0.0000	0.0000
167	0.56	0.56	0.56	0.0000	0.0000	0.0000



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*Rev* **F0**     *Data* **20/06/2011**

168	0.56	0.56	0.56	0.0000	0.0000	0.0000
169	0.56	0.56	0.56	0.0000	0.0000	0.0000
170	0.56	0.56	0.56	0.0000	0.0000	0.0000
171	0.56	0.56	0.56	0.0000	0.0000	0.0000
172	0.56	0.56	0.56	0.0000	0.0000	0.0000
173	0.56	0.56	0.56	0.0000	0.0000	0.0000
174	0.56	0.56	0.56	0.0000	0.0000	0.0000
175	0.56	0.56	0.56	0.0000	0.0000	0.0000
176	0.56	0.56	0.56	0.0000	0.0000	0.0000
177	0.56	0.56	0.56	0.0000	0.0000	0.0000
178	0.56	0.56	0.56	0.0000	0.0000	0.0000
179	0.56	0.56	0.56	0.0000	0.0000	0.0000
180	0.56	0.56	0.56	0.0000	0.0000	0.0000
181	0.56	0.56	0.56	0.0000	0.0000	0.0000
188	0.44	0.44	0.44	0.0000	0.0000	0.0000
189	0.56	0.56	0.56	0.0000	0.0000	0.0000
190	0.56	0.56	0.56	0.0000	0.0000	0.0000
191	0.56	0.56	0.56	0.0000	0.0000	0.0000
192	0.56	0.56	0.56	0.0000	0.0000	0.0000
193	0.56	0.56	0.56	0.0000	0.0000	0.0000
194	0.56	0.56	0.56	0.0000	0.0000	0.0000
195	0.56	0.56	0.56	0.0000	0.0000	0.0000
196	0.56	0.56	0.56	0.0000	0.0000	0.0000
197	0.56	0.56	0.56	0.0000	0.0000	0.0000
198	0.56	0.56	0.56	0.0000	0.0000	0.0000
199	0.56	0.56	0.56	0.0000	0.0000	0.0000
200	0.56	0.56	0.56	0.0000	0.0000	0.0000
201	0.56	0.56	0.56	0.0000	0.0000	0.0000
202	0.56	0.56	0.56	0.0000	0.0000	0.0000
203	0.56	0.56	0.56	0.0000	0.0000	0.0000
204	0.56	0.56	0.56	0.0000	0.0000	0.0000
211	0.44	0.44	0.44	0.0000	0.0000	0.0000
212	0.56	0.56	0.56	0.0000	0.0000	0.0000
213	0.56	0.56	0.56	0.0000	0.0000	0.0000
214	0.56	0.56	0.56	0.0000	0.0000	0.0000
215	0.56	0.56	0.56	0.0000	0.0000	0.0000
216	0.56	0.56	0.56	0.0000	0.0000	0.0000
217	0.56	0.56	0.56	0.0000	0.0000	0.0000
218	0.56	0.56	0.56	0.0000	0.0000	0.0000
219	0.56	0.56	0.56	0.0000	0.0000	0.0000
220	0.56	0.56	0.56	0.0000	0.0000	0.0000
221	0.56	0.56	0.56	0.0000	0.0000	0.0000
222	0.56	0.56	0.56	0.0000	0.0000	0.0000
223	0.56	0.56	0.56	0.0000	0.0000	0.0000
224	0.56	0.56	0.56	0.0000	0.0000	0.0000
225	0.56	0.56	0.56	0.0000	0.0000	0.0000
226	0.56	0.56	0.56	0.0000	0.0000	0.0000
227	0.56	0.56	0.56	0.0000	0.0000	0.0000
234	0.44	0.44	0.44	0.0000	0.0000	0.0000
235	0.56	0.56	0.56	0.0000	0.0000	0.0000
236	0.56	0.56	0.56	0.0000	0.0000	0.0000
237	0.56	0.56	0.56	0.0000	0.0000	0.0000
238	0.56	0.56	0.56	0.0000	0.0000	0.0000
239	0.56	0.56	0.56	0.0000	0.0000	0.0000
240	0.56	0.56	0.56	0.0000	0.0000	0.0000
241	0.56	0.56	0.56	0.0000	0.0000	0.0000
242	0.56	0.56	0.56	0.0000	0.0000	0.0000
243	0.56	0.56	0.56	0.0000	0.0000	0.0000
244	0.56	0.56	0.56	0.0000	0.0000	0.0000
245	0.56	0.56	0.56	0.0000	0.0000	0.0000
246	0.56	0.56	0.56	0.0000	0.0000	0.0000
247	0.56	0.56	0.56	0.0000	0.0000	0.0000
248	0.56	0.56	0.56	0.0000	0.0000	0.0000
249	0.56	0.56	0.56	0.0000	0.0000	0.0000
250	0.56	0.56	0.56	0.0000	0.0000	0.0000
251	0.60	0.60	0.60	0.0000	0.0000	0.0000
252	0.60	0.60	0.60	0.0000	0.0000	0.0000
253	0.60	0.60	0.60	0.0000	0.0000	0.0000
254	0.60	0.60	0.60	0.0000	0.0000	0.0000
255	0.60	0.60	0.60	0.0000	0.0000	0.0000
256	0.60	0.60	0.60	0.0000	0.0000	0.0000
257	0.60	0.60	0.60	0.0000	0.0000	0.0000
258	0.60	0.60	0.60	0.0000	0.0000	0.0000
259	0.60	0.60	0.60	0.0000	0.0000	0.0000
260	0.60	0.60	0.60	0.0000	0.0000	0.0000
261	0.60	0.60	0.60	0.0000	0.0000	0.0000
262	0.60	0.60	0.60	0.0000	0.0000	0.0000
263	0.60	0.60	0.60	0.0000	0.0000	0.0000
264	0.60	0.60	0.60	0.0000	0.0000	0.0000
265	0.60	0.60	0.60	0.0000	0.0000	0.0000
266	0.60	0.60	0.60	0.0000	0.0000	0.0000
267	0.60	0.60	0.60	0.0000	0.0000	0.0000
268	0.60	0.60	0.60	0.0000	0.0000	0.0000
269	0.60	0.60	0.60	0.0000	0.0000	0.0000
270	0.60	0.60	0.60	0.0000	0.0000	0.0000
271	0.60	0.60	0.60	0.0000	0.0000	0.0000
272	0.60	0.60	0.60	0.0000	0.0000	0.0000
273	0.60	0.60	0.60	0.0000	0.0000	0.0000
274	0.60	0.60	0.60	0.0000	0.0000	0.0000





**SB2 – TABULATI DI CALCOLO**

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453	0.45	0.45	0.45	0.0000	0.0000	0.0000
454	0.45	0.45	0.45	0.0000	0.0000	0.0000
455	0.45	0.45	0.45	0.0000	0.0000	0.0000
456	0.45	0.45	0.45	0.0000	0.0000	0.0000
457	0.45	0.45	0.45	0.0000	0.0000	0.0000
458	0.45	0.45	0.45	0.0000	0.0000	0.0000
459	0.45	0.45	0.45	0.0000	0.0000	0.0000
460	0.45	0.45	0.45	0.0000	0.0000	0.0000
461	0.45	0.45	0.45	0.0000	0.0000	0.0000
462	0.45	0.45	0.45	0.0000	0.0000	0.0000
463	0.45	0.45	0.45	0.0000	0.0000	0.0000
464	0.45	0.45	0.45	0.0000	0.0000	0.0000
465	0.45	0.45	0.45	0.0000	0.0000	0.0000
466	0.45	0.45	0.45	0.0000	0.0000	0.0000
467	0.60	0.60	0.60	0.0000	0.0000	0.0000
468	0.60	0.60	0.60	0.0000	0.0000	0.0000
469	0.60	0.60	0.60	0.0000	0.0000	0.0000
470	0.60	0.60	0.60	0.0000	0.0000	0.0000
471	0.60	0.60	0.60	0.0000	0.0000	0.0000
472	0.60	0.60	0.60	0.0000	0.0000	0.0000
473	0.60	0.60	0.60	0.0000	0.0000	0.0000
474	0.60	0.60	0.60	0.0000	0.0000	0.0000
475	0.60	0.60	0.60	0.0000	0.0000	0.0000
476	0.60	0.60	0.60	0.0000	0.0000	0.0000
477	0.60	0.60	0.60	0.0000	0.0000	0.0000
478	0.60	0.60	0.60	0.0000	0.0000	0.0000
479	0.60	0.60	0.60	0.0000	0.0000	0.0000
480	0.60	0.60	0.60	0.0000	0.0000	0.0000
481	0.60	0.60	0.60	0.0000	0.0000	0.0000
482	0.60	0.60	0.60	0.0000	0.0000	0.0000
483	0.60	0.60	0.60	0.0000	0.0000	0.0000
484	0.60	0.60	0.60	0.0000	0.0000	0.0000
485	0.60	0.60	0.60	0.0000	0.0000	0.0000
486	0.60	0.60	0.60	0.0000	0.0000	0.0000
487	0.60	0.60	0.60	0.0000	0.0000	0.0000
488	0.60	0.60	0.60	0.0000	0.0000	0.0000
489	0.60	0.60	0.60	0.0000	0.0000	0.0000
490	0.60	0.60	0.60	0.0000	0.0000	0.0000
491	0.60	0.60	0.60	0.0000	0.0000	0.0000
492	0.60	0.60	0.60	0.0000	0.0000	0.0000
493	0.60	0.60	0.60	0.0000	0.0000	0.0000
494	0.60	0.60	0.60	0.0000	0.0000	0.0000

Table: Auto Wave 3 - Wave Characteristics - General

WaveChar	WaveType	KinFactor	SWaterDepth	WaveHeight	WavePeriod	WaveTheory
Text	Text	Unitless	m	m	Sec	Text
Default	From Theory	1.000000	45.00000	18.00000	12.0000	Linear

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ	GlobalX
Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	m
q	LinStatic	-888.000	-888.000	3504.000	80976.0000	-11588.0000	19166.0000	0.00000

Table: Base Reactions, Part 2 of 3

OutputCase	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY	YCentroidFY	ZCentroidFY
Text	m	m	m	m	m	m	m	m
q	0.00000	0.00000	2.84302	24.00823	0.00000	2.42516	23.91609	0.00000

Table: Base Reactions, Part 3 of 3

OutputCase	XCentroidFZ	YCentroidFZ	ZCentroidFZ
Text	m	m	m
q	3.29583	23.11700	0.00000

Table: Case - Modal 1 - General

Case	ModeType	MaxNumModes	MinNumModes	EigenShift	EigenCutoff	EigenTol	AutoShift
Text	Text	Unitless	Unitless	Cyc/sec	Cyc/sec	Unitless	Text
MODAL	Eigen	12	1	0.0000E+00	0.0000E+00	1.0000E-09	Yes

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
Text	Text	Text	Unitless

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DEAD Load case                      DEAD 1.000000  
q Load case                              q 1.000000

Table: Connectivity - Frame, Part 1 of 2

Frame Text	JointI Text	JointJ Text	IsCurved Yes/No	Length m	CentroidX m	CentroidY m	CentroidZ m
4	37	20	No	0.26667	8.06667	50.00000	0.00000
7	11	50	No	0.26667	8.06667	0.00000	0.00000
9	19	73	No	0.26667	8.06667	46.00000	0.00000
11	18	96	No	0.26667	8.06667	40.00000	0.00000
13	17	119	No	0.26667	8.06667	34.00000	0.00000
15	16	142	No	0.26667	8.06667	28.00000	0.00000
17	15	165	No	0.26667	8.06667	22.00000	0.00000
19	14	188	No	0.26667	8.06667	16.00000	0.00000
21	13	211	No	0.26667	8.06667	10.00000	0.00000
23	12	234	No	0.26667	8.06667	4.00000	0.00000
29	433	437	No	0.37500	-8.00000	16.18750	0.00000
30	437	438	No	0.37500	-8.00000	16.56250	0.00000
31	1	21	No	0.46667	0.23333	50.00000	0.00000
32	21	22	No	0.46667	0.70000	50.00000	0.00000
33	22	23	No	0.46667	1.16667	50.00000	0.00000
34	23	24	No	0.46667	1.63333	50.00000	0.00000
35	24	25	No	0.46667	2.10000	50.00000	0.00000
36	25	26	No	0.46667	2.56667	50.00000	0.00000
37	26	27	No	0.46667	3.03333	50.00000	0.00000
38	27	28	No	0.46667	3.50000	50.00000	0.00000
39	28	29	No	0.46667	3.96667	50.00000	0.00000
40	29	30	No	0.46667	4.43333	50.00000	0.00000
41	30	31	No	0.46667	4.90000	50.00000	0.00000
42	31	32	No	0.46667	5.36667	50.00000	0.00000
43	32	33	No	0.46667	5.83333	50.00000	0.00000
44	33	34	No	0.46667	6.30000	50.00000	0.00000
45	34	35	No	0.46667	6.76667	50.00000	0.00000
46	35	36	No	0.46667	7.23333	50.00000	0.00000
47	36	37	No	0.46667	7.70000	50.00000	0.00000
48	438	439	No	0.37500	-8.00000	16.93750	0.00000
49	439	440	No	0.37500	-8.00000	17.31250	0.00000
50	440	441	No	0.37500	-8.00000	17.68750	0.00000
51	441	442	No	0.37500	-8.00000	18.06250	0.00000
52	442	443	No	0.37500	-8.00000	18.43750	0.00000
53	443	444	No	0.37500	-8.00000	18.81250	0.00000
54	444	445	No	0.37500	-8.00000	19.18750	0.00000
55	445	446	No	0.37500	-8.00000	19.56250	0.00000
56	446	447	No	0.37500	-8.00000	19.93750	0.00000
57	447	448	No	0.37500	-8.00000	20.31250	0.00000
58	448	449	No	0.37500	-8.00000	20.68750	0.00000
59	449	450	No	0.37500	-8.00000	21.06250	0.00000
60	450	451	No	0.37500	-8.00000	21.43750	0.00000
61	451	434	No	0.37500	-8.00000	21.81250	0.00000
62	50	51	No	0.46667	7.70000	0.00000	0.00000
63	51	52	No	0.46667	7.23333	0.00000	0.00000
64	52	53	No	0.46667	6.76667	0.00000	0.00000
65	53	54	No	0.46667	6.30000	0.00000	0.00000
66	54	55	No	0.46667	5.83333	0.00000	0.00000
67	55	56	No	0.46667	5.36667	0.00000	0.00000
68	56	57	No	0.46667	4.90000	0.00000	0.00000
69	57	58	No	0.46667	4.43333	0.00000	0.00000
70	58	59	No	0.46667	3.96667	0.00000	0.00000
71	59	60	No	0.46667	3.50000	0.00000	0.00000
72	60	61	No	0.46667	3.03333	0.00000	0.00000
73	61	62	No	0.46667	2.56667	0.00000	0.00000
74	62	63	No	0.46667	2.10000	0.00000	0.00000
75	63	64	No	0.46667	1.63333	0.00000	0.00000
76	64	65	No	0.46667	1.16667	0.00000	0.00000
77	65	66	No	0.46667	0.70000	0.00000	0.00000
78	66	10	No	0.46667	0.23333	0.00000	0.00000
79	435	452	No	0.37500	-4.00000	16.18750	0.00000
80	452	453	No	0.37500	-4.00000	16.56250	0.00000
81	453	454	No	0.37500	-4.00000	16.93750	0.00000
82	454	455	No	0.37500	-4.00000	17.31250	0.00000
83	455	456	No	0.37500	-4.00000	17.68750	0.00000
84	456	457	No	0.37500	-4.00000	18.06250	0.00000
85	457	458	No	0.37500	-4.00000	18.43750	0.00000
86	73	74	No	0.46667	7.70000	46.00000	0.00000
87	74	75	No	0.46667	7.23333	46.00000	0.00000
88	75	76	No	0.46667	6.76667	46.00000	0.00000
89	76	77	No	0.46667	6.30000	46.00000	0.00000
90	77	78	No	0.46667	5.83333	46.00000	0.00000
91	78	79	No	0.46667	5.36667	46.00000	0.00000
92	79	80	No	0.46667	4.90000	46.00000	0.00000
93	80	81	No	0.46667	4.43333	46.00000	0.00000
94	81	82	No	0.46667	3.96667	46.00000	0.00000
95	82	83	No	0.46667	3.50000	46.00000	0.00000
96	83	84	No	0.46667	3.03333	46.00000	0.00000
97	84	85	No	0.46667	2.56667	46.00000	0.00000
98	85	86	No	0.46667	2.10000	46.00000	0.00000

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99	86	87	No	0.46667	1.63333	46.00000	0.00000
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102	89	2	No	0.46667	0.23333	46.00000	0.00000
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104	459	460	No	0.37500	-4.00000	19.18750	0.00000
105	460	461	No	0.37500	-4.00000	19.56250	0.00000
106	461	462	No	0.37500	-4.00000	19.93750	0.00000
107	462	463	No	0.37500	-4.00000	20.31250	0.00000
108	463	464	No	0.37500	-4.00000	20.68750	0.00000
109	464	465	No	0.37500	-4.00000	21.06250	0.00000
110	96	97	No	0.46667	7.70000	40.00000	0.00000
111	97	98	No	0.46667	7.23333	40.00000	0.00000
112	98	99	No	0.46667	6.76667	40.00000	0.00000
113	99	100	No	0.46667	6.30000	40.00000	0.00000
114	100	101	No	0.46667	5.83333	40.00000	0.00000
115	101	102	No	0.46667	5.36667	40.00000	0.00000
116	102	103	No	0.46667	4.90000	40.00000	0.00000
117	103	104	No	0.46667	4.43333	40.00000	0.00000
118	104	105	No	0.46667	3.96667	40.00000	0.00000
119	105	106	No	0.46667	3.50000	40.00000	0.00000
120	106	107	No	0.46667	3.03333	40.00000	0.00000
121	107	108	No	0.46667	2.56667	40.00000	0.00000
122	108	109	No	0.46667	2.10000	40.00000	0.00000
123	109	110	No	0.46667	1.63333	40.00000	0.00000
124	110	111	No	0.46667	1.16667	40.00000	0.00000
125	111	112	No	0.46667	0.70000	40.00000	0.00000
126	112	3	No	0.46667	0.23333	40.00000	0.00000
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128	466	436	No	0.37500	-4.00000	21.81250	0.00000
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131	468	469	No	0.50000	-1.25000	16.00000	0.00000
132	469	470	No	0.50000	-1.75000	16.00000	0.00000
133	470	471	No	0.50000	-2.25000	16.00000	0.00000
134	119	120	No	0.46667	7.70000	34.00000	0.00000
135	120	121	No	0.46667	7.23333	34.00000	0.00000
136	121	122	No	0.46667	6.76667	34.00000	0.00000
137	122	123	No	0.46667	6.30000	34.00000	0.00000
138	123	124	No	0.46667	5.83333	34.00000	0.00000
139	124	125	No	0.46667	5.36667	34.00000	0.00000
140	125	126	No	0.46667	4.90000	34.00000	0.00000
141	126	127	No	0.46667	4.43333	34.00000	0.00000
142	127	128	No	0.46667	3.96667	34.00000	0.00000
143	128	129	No	0.46667	3.50000	34.00000	0.00000
144	129	130	No	0.46667	3.03333	34.00000	0.00000
145	130	131	No	0.46667	2.56667	34.00000	0.00000
146	131	132	No	0.46667	2.10000	34.00000	0.00000
147	132	133	No	0.46667	1.63333	34.00000	0.00000
148	133	134	No	0.46667	1.16667	34.00000	0.00000
149	134	135	No	0.46667	0.70000	34.00000	0.00000
150	135	4	No	0.46667	0.23333	34.00000	0.00000
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153	473	435	No	0.50000	-3.75000	16.00000	0.00000
154	435	474	No	0.50000	-4.25000	16.00000	0.00000
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157	476	477	No	0.50000	-5.75000	16.00000	0.00000
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159	143	144	No	0.46667	7.23333	28.00000	0.00000
160	144	145	No	0.46667	6.76667	28.00000	0.00000
161	145	146	No	0.46667	6.30000	28.00000	0.00000
162	146	147	No	0.46667	5.83333	28.00000	0.00000
163	147	148	No	0.46667	5.36667	28.00000	0.00000
164	148	149	No	0.46667	4.90000	28.00000	0.00000
165	149	150	No	0.46667	4.43333	28.00000	0.00000
166	150	151	No	0.46667	3.96667	28.00000	0.00000
167	151	152	No	0.46667	3.50000	28.00000	0.00000
168	152	153	No	0.46667	3.03333	28.00000	0.00000
169	153	154	No	0.46667	2.56667	28.00000	0.00000
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171	155	156	No	0.46667	1.63333	28.00000	0.00000
172	156	157	No	0.46667	1.16667	28.00000	0.00000
173	157	158	No	0.46667	0.70000	28.00000	0.00000
174	158	5	No	0.46667	0.23333	28.00000	0.00000
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176	478	479	No	0.50000	-6.75000	16.00000	0.00000
177	479	480	No	0.50000	-7.25000	16.00000	0.00000
178	480	433	No	0.50000	-7.75000	16.00000	0.00000
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181	482	483	No	0.50000	-6.75000	22.00000	0.00000
182	165	166	No	0.46667	7.70000	22.00000	0.00000
183	166	167	No	0.46667	7.23333	22.00000	0.00000
184	167	168	No	0.46667	6.76667	22.00000	0.00000
185	168	169	No	0.46667	6.30000	22.00000	0.00000
186	169	170	No	0.46667	5.83333	22.00000	0.00000
187	170	171	No	0.46667	5.36667	22.00000	0.00000

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188	171	172	No	0.46667	4.90000	22.00000	0.00000
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191	174	175	No	0.46667	3.50000	22.00000	0.00000
192	175	176	No	0.46667	3.03333	22.00000	0.00000
193	176	177	No	0.46667	2.56667	22.00000	0.00000
194	177	178	No	0.46667	2.10000	22.00000	0.00000
195	178	179	No	0.46667	1.63333	22.00000	0.00000
196	179	180	No	0.46667	1.16667	22.00000	0.00000
197	180	181	No	0.46667	0.70000	22.00000	0.00000
198	181	6	No	0.46667	0.23333	22.00000	0.00000
199	483	484	No	0.50000	-6.25000	22.00000	0.00000
200	484	485	No	0.50000	-5.75000	22.00000	0.00000
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202	486	487	No	0.50000	-4.75000	22.00000	0.00000
203	487	436	No	0.50000	-4.25000	22.00000	0.00000
204	436	488	No	0.50000	-3.75000	22.00000	0.00000
205	488	489	No	0.50000	-3.25000	22.00000	0.00000
206	188	189	No	0.46667	7.70000	16.00000	0.00000
207	189	190	No	0.46667	7.23333	16.00000	0.00000
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209	191	192	No	0.46667	6.30000	16.00000	0.00000
210	192	193	No	0.46667	5.83333	16.00000	0.00000
211	193	194	No	0.46667	5.36667	16.00000	0.00000
212	194	195	No	0.46667	4.90000	16.00000	0.00000
213	195	196	No	0.46667	4.43333	16.00000	0.00000
214	196	197	No	0.46667	3.96667	16.00000	0.00000
215	197	198	No	0.46667	3.50000	16.00000	0.00000
216	198	199	No	0.46667	3.03333	16.00000	0.00000
217	199	200	No	0.46667	2.56667	16.00000	0.00000
218	200	201	No	0.46667	2.10000	16.00000	0.00000
219	201	202	No	0.46667	1.63333	16.00000	0.00000
220	202	203	No	0.46667	1.16667	16.00000	0.00000
221	203	204	No	0.46667	0.70000	16.00000	0.00000
222	204	7	No	0.46667	0.23333	16.00000	0.00000
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224	490	491	No	0.50000	-2.25000	22.00000	0.00000
225	491	492	No	0.50000	-1.75000	22.00000	0.00000
226	492	493	No	0.50000	-1.25000	22.00000	0.00000
227	493	494	No	0.50000	-0.75000	22.00000	0.00000
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230	211	212	No	0.46667	7.70000	10.00000	0.00000
231	212	213	No	0.46667	7.23333	10.00000	0.00000
232	213	214	No	0.46667	6.76667	10.00000	0.00000
233	214	215	No	0.46667	6.30000	10.00000	0.00000
234	215	216	No	0.46667	5.83333	10.00000	0.00000
235	216	217	No	0.46667	5.36667	10.00000	0.00000
236	217	218	No	0.46667	4.90000	10.00000	0.00000
237	218	219	No	0.46667	4.43333	10.00000	0.00000
238	219	220	No	0.46667	3.96667	10.00000	0.00000
239	220	221	No	0.46667	3.50000	10.00000	0.00000
240	221	222	No	0.46667	3.03333	10.00000	0.00000
241	222	223	No	0.46667	2.56667	10.00000	0.00000
242	223	224	No	0.46667	2.10000	10.00000	0.00000
243	224	225	No	0.46667	1.63333	10.00000	0.00000
244	225	226	No	0.46667	1.16667	10.00000	0.00000
245	226	227	No	0.46667	0.70000	10.00000	0.00000
246	227	8	No	0.46667	0.23333	10.00000	0.00000
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275	254	255	No	0.50000	8.20000	47.75000	0.00000
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280	258	259	No	0.50000	8.20000	3.25000	0.00000
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282	260	261	No	0.50000	8.20000	2.25000	0.00000
283	261	262	No	0.50000	8.20000	1.75000	0.00000
284	262	263	No	0.50000	8.20000	1.25000	0.00000

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289	266	267	No	0.50000	0.00000	1.25000	0.00000
290	267	268	No	0.50000	0.00000	1.75000	0.00000
291	268	269	No	0.50000	0.00000	2.25000	0.00000
292	269	270	No	0.50000	0.00000	2.75000	0.00000
293	270	271	No	0.50000	0.00000	3.25000	0.00000
294	271	9	No	0.50000	0.00000	3.75000	0.00000
295	2	272	No	0.50000	0.00000	46.25000	0.00000
296	272	273	No	0.50000	0.00000	46.75000	0.00000
297	273	274	No	0.50000	0.00000	47.25000	0.00000
298	274	275	No	0.50000	0.00000	47.75000	0.00000
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316	290	291	No	0.50000	8.20000	39.25000	0.00000
317	291	292	No	0.50000	8.20000	38.75000	0.00000
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319	293	294	No	0.50000	8.20000	37.75000	0.00000
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335	308	309	No	0.50000	8.20000	29.75000	0.00000
336	309	310	No	0.50000	8.20000	29.25000	0.00000
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344	316	317	No	0.50000	8.20000	25.25000	0.00000
345	317	318	No	0.50000	8.20000	24.75000	0.00000
346	318	319	No	0.50000	8.20000	24.25000	0.00000
347	319	320	No	0.50000	8.20000	23.75000	0.00000
348	320	321	No	0.50000	8.20000	23.25000	0.00000
349	321	322	No	0.50000	8.20000	22.75000	0.00000
350	322	15	No	0.50000	8.20000	22.25000	0.00000
351	15	323	No	0.50000	8.20000	21.75000	0.00000
352	323	324	No	0.50000	8.20000	21.25000	0.00000
353	324	325	No	0.50000	8.20000	20.75000	0.00000
354	325	326	No	0.50000	8.20000	20.25000	0.00000
355	326	327	No	0.50000	8.20000	19.75000	0.00000
356	327	328	No	0.50000	8.20000	19.25000	0.00000
357	328	329	No	0.50000	8.20000	18.75000	0.00000
358	329	330	No	0.50000	8.20000	18.25000	0.00000
359	330	331	No	0.50000	8.20000	17.75000	0.00000
360	331	332	No	0.50000	8.20000	17.25000	0.00000
361	332	333	No	0.50000	8.20000	16.75000	0.00000
362	333	14	No	0.50000	8.20000	16.25000	0.00000
363	14	334	No	0.50000	8.20000	15.75000	0.00000
364	334	335	No	0.50000	8.20000	15.25000	0.00000
365	335	336	No	0.50000	8.20000	14.75000	0.00000
366	336	337	No	0.50000	8.20000	14.25000	0.00000
367	337	338	No	0.50000	8.20000	13.75000	0.00000
368	338	339	No	0.50000	8.20000	13.25000	0.00000
369	339	340	No	0.50000	8.20000	12.75000	0.00000
370	340	341	No	0.50000	8.20000	12.25000	0.00000
371	341	342	No	0.50000	8.20000	11.75000	0.00000
372	342	343	No	0.50000	8.20000	11.25000	0.00000
373	343	344	No	0.50000	8.20000	10.75000	0.00000



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374	344	13	No	0.50000	8.20000	10.25000	0.00000
375	13	345	No	0.50000	8.20000	9.75000	0.00000
376	345	346	No	0.50000	8.20000	9.25000	0.00000
377	346	347	No	0.50000	8.20000	8.75000	0.00000
378	347	348	No	0.50000	8.20000	8.25000	0.00000
379	348	349	No	0.50000	8.20000	7.75000	0.00000
380	349	350	No	0.50000	8.20000	7.25000	0.00000
381	350	351	No	0.50000	8.20000	6.75000	0.00000
382	351	352	No	0.50000	8.20000	6.25000	0.00000
383	352	353	No	0.50000	8.20000	5.75000	0.00000
384	353	354	No	0.50000	8.20000	5.25000	0.00000
385	354	355	No	0.50000	8.20000	4.75000	0.00000
386	355	12	No	0.50000	8.20000	4.25000	0.00000
387	9	356	No	0.50000	0.00000	4.25000	0.00000
388	356	357	No	0.50000	0.00000	4.75000	0.00000
389	357	358	No	0.50000	0.00000	5.25000	0.00000
390	358	359	No	0.50000	0.00000	5.75000	0.00000
391	359	360	No	0.50000	0.00000	6.25000	0.00000
392	360	361	No	0.50000	0.00000	6.75000	0.00000
393	361	362	No	0.50000	0.00000	7.25000	0.00000
394	362	363	No	0.50000	0.00000	7.75000	0.00000
395	363	364	No	0.50000	0.00000	8.25000	0.00000
396	364	365	No	0.50000	0.00000	8.75000	0.00000
397	365	366	No	0.50000	0.00000	9.25000	0.00000
398	366	8	No	0.50000	0.00000	9.75000	0.00000
399	8	367	No	0.50000	0.00000	10.25000	0.00000
400	367	368	No	0.50000	0.00000	10.75000	0.00000
401	368	369	No	0.50000	0.00000	11.25000	0.00000
402	369	370	No	0.50000	0.00000	11.75000	0.00000
403	370	371	No	0.50000	0.00000	12.25000	0.00000
404	371	372	No	0.50000	0.00000	12.75000	0.00000
405	372	373	No	0.50000	0.00000	13.25000	0.00000
406	373	374	No	0.50000	0.00000	13.75000	0.00000
407	374	375	No	0.50000	0.00000	14.25000	0.00000
408	375	376	No	0.50000	0.00000	14.75000	0.00000
409	376	377	No	0.50000	0.00000	15.25000	0.00000
410	377	7	No	0.50000	0.00000	15.75000	0.00000
411	7	378	No	0.50000	0.00000	16.25000	0.00000
412	378	379	No	0.50000	0.00000	16.75000	0.00000
413	379	380	No	0.50000	0.00000	17.25000	0.00000
414	380	381	No	0.50000	0.00000	17.75000	0.00000
415	381	382	No	0.50000	0.00000	18.25000	0.00000
416	382	383	No	0.50000	0.00000	18.75000	0.00000
417	383	384	No	0.50000	0.00000	19.25000	0.00000
418	384	385	No	0.50000	0.00000	19.75000	0.00000
419	385	386	No	0.50000	0.00000	20.25000	0.00000
420	386	387	No	0.50000	0.00000	20.75000	0.00000
421	387	388	No	0.50000	0.00000	21.25000	0.00000
422	388	6	No	0.50000	0.00000	21.75000	0.00000
423	6	389	No	0.50000	0.00000	22.25000	0.00000
424	389	390	No	0.50000	0.00000	22.75000	0.00000
425	390	391	No	0.50000	0.00000	23.25000	0.00000
426	391	392	No	0.50000	0.00000	23.75000	0.00000
427	392	393	No	0.50000	0.00000	24.25000	0.00000
428	393	394	No	0.50000	0.00000	24.75000	0.00000
429	394	395	No	0.50000	0.00000	25.25000	0.00000
430	395	396	No	0.50000	0.00000	25.75000	0.00000
431	396	397	No	0.50000	0.00000	26.25000	0.00000
432	397	398	No	0.50000	0.00000	26.75000	0.00000
433	398	399	No	0.50000	0.00000	27.25000	0.00000
434	399	5	No	0.50000	0.00000	27.75000	0.00000
435	5	400	No	0.50000	0.00000	28.25000	0.00000
436	400	401	No	0.50000	0.00000	28.75000	0.00000
437	401	402	No	0.50000	0.00000	29.25000	0.00000
438	402	403	No	0.50000	0.00000	29.75000	0.00000
439	403	404	No	0.50000	0.00000	30.25000	0.00000
440	404	405	No	0.50000	0.00000	30.75000	0.00000
441	405	406	No	0.50000	0.00000	31.25000	0.00000
442	406	407	No	0.50000	0.00000	31.75000	0.00000
443	407	408	No	0.50000	0.00000	32.25000	0.00000
444	408	409	No	0.50000	0.00000	32.75000	0.00000
445	409	410	No	0.50000	0.00000	33.25000	0.00000
446	410	4	No	0.50000	0.00000	33.75000	0.00000
447	4	411	No	0.50000	0.00000	34.25000	0.00000
448	411	412	No	0.50000	0.00000	34.75000	0.00000
449	412	413	No	0.50000	0.00000	35.25000	0.00000
450	413	414	No	0.50000	0.00000	35.75000	0.00000
451	414	415	No	0.50000	0.00000	36.25000	0.00000
452	415	416	No	0.50000	0.00000	36.75000	0.00000
453	416	417	No	0.50000	0.00000	37.25000	0.00000
454	417	418	No	0.50000	0.00000	37.75000	0.00000
455	418	419	No	0.50000	0.00000	38.25000	0.00000
456	419	420	No	0.50000	0.00000	38.75000	0.00000
457	420	421	No	0.50000	0.00000	39.25000	0.00000
458	421	3	No	0.50000	0.00000	39.75000	0.00000
459	3	422	No	0.50000	0.00000	40.25000	0.00000
460	422	423	No	0.50000	0.00000	40.75000	0.00000
461	423	424	No	0.50000	0.00000	41.25000	0.00000
462	424	425	No	0.50000	0.00000	41.75000	0.00000

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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463	425	426	No	0.50000	0.00000	42.25000	0.00000
464	426	427	No	0.50000	0.00000	42.75000	0.00000
465	427	428	No	0.50000	0.00000	43.25000	0.00000
466	428	429	No	0.50000	0.00000	43.75000	0.00000
467	429	430	No	0.50000	0.00000	44.25000	0.00000
468	430	431	No	0.50000	0.00000	44.75000	0.00000
469	431	432	No	0.50000	0.00000	45.25000	0.00000
470	432	2	No	0.50000	0.00000	45.75000	0.00000

Table: Connectivity - Frame, Part 2 of 2

Frame Text	GUID Text
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		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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Table: Coordinate Systems

Name Text	Type Text	X m	Y m	Z m	AboutZ Degrees	AboutY Degrees	AboutX Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

Table: Database Format Types

UnitsCurr Yes/No	OverrideE Yes/No
Yes	No

Table: Element Forces - Frames, Part 1 of 2

Frame Text	Station m	OutputCase Text	CaseType Text	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
4	0.00000	q	LinStatic	17.800	-44.516	-16.139	-5.4198	17.4305
4	0.26667	q	LinStatic	17.800	-44.516	-16.139	-5.4198	21.7343
7	0.00000	q	LinStatic	30.734	95.928	-11.775	8.2818	-6.7971
7	0.26667	q	LinStatic	30.734	95.928	-11.775	8.2818	-3.6572
9	0.00000	q	LinStatic	21.793	38.246	-16.325	-3.8681	-22.3009
9	0.26667	q	LinStatic	21.793	38.246	-16.325	-3.8681	-17.9475
11	0.00000	q	LinStatic	15.534	24.815	-14.189	-0.1356	-15.6865
11	0.26667	q	LinStatic	15.534	24.815	-14.189	-0.1356	-11.9027
13	0.00000	q	LinStatic	15.934	24.091	-14.181	0.4734	-15.8648
13	0.26667	q	LinStatic	15.934	24.091	-14.181	0.4734	-12.0833
15	0.00000	q	LinStatic	16.217	24.901	-13.944	0.0473	-15.1925
15	0.26667	q	LinStatic	16.217	24.901	-13.944	0.0473	-11.4741
17	0.00000	q	LinStatic	12.141	25.937	-13.960	-1.1258	-15.1384
17	0.26667	q	LinStatic	12.141	25.937	-13.960	-1.1258	-11.4156
19	0.00000	q	LinStatic	13.471	29.458	-14.429	-0.7038	-16.5425
19	0.26667	q	LinStatic	13.471	29.458	-14.429	-0.7038	-12.6946
21	0.00000	q	LinStatic	15.994	19.149	-14.507	2.1039	-16.5267
21	0.26667	q	LinStatic	15.994	19.149	-14.507	2.1039	-12.6582
23	0.00000	q	LinStatic	14.268	31.427	-13.505	5.1514	-12.5568
23	0.26667	q	LinStatic	14.268	31.427	-13.505	5.1514	-8.9555
29	0.00000	q	LinStatic	-17.961	40.069	-16.550	14.2118	-19.0063
29	0.37500	q	LinStatic	-17.961	40.069	-16.550	14.2118	-12.8001
30	0.00000	q	LinStatic	-14.886	25.338	-14.427	14.1961	-12.8118
30	0.37500	q	LinStatic	-14.886	25.338	-14.427	14.1961	-7.4018
31	0.00000	q	LinStatic	-30.684	82.608	10.752	-6.2837	6.6355
31	0.46667	q	LinStatic	-30.684	82.608	10.752	-6.2837	1.6179
32	0.00000	q	LinStatic	-27.812	76.611	8.659	-6.1959	1.6639
32	0.46667	q	LinStatic	-27.812	76.611	8.659	-6.1959	-2.3768
33	0.00000	q	LinStatic	-24.944	70.647	6.785	-6.1130	-2.3311
33	0.46667	q	LinStatic	-24.944	70.647	6.785	-6.1130	-5.4976
34	0.00000	q	LinStatic	-22.082	64.769	5.121	-6.0350	-5.4554
34	0.46667	q	LinStatic	-22.082	64.769	5.121	-6.0350	-7.8454
35	0.00000	q	LinStatic	-19.224	58.994	3.644	-5.9617	-7.8093
35	0.46667	q	LinStatic	-19.224	58.994	3.644	-5.9617	-9.5099
36	0.00000	q	LinStatic	-16.369	53.306	2.320	-5.8930	-9.4815
36	0.46667	q	LinStatic	-16.369	53.306	2.320	-5.8930	-10.5640
37	0.00000	q	LinStatic	-13.517	47.662	1.108	-5.8291	-10.5447
37	0.46667	q	LinStatic	-13.517	47.662	1.108	-5.8291	-11.0619
38	0.00000	q	LinStatic	-10.668	41.993	-0.035	-5.7697	-11.0523
38	0.46667	q	LinStatic	-10.668	41.993	-0.035	-5.7697	-11.0359
39	0.00000	q	LinStatic	-7.821	36.205	-1.157	-5.7148	-11.0362
39	0.46667	q	LinStatic	-7.821	36.205	-1.157	-5.7148	-10.4963
40	0.00000	q	LinStatic	-4.976	30.184	-2.304	-5.6645	-10.5063
40	0.46667	q	LinStatic	-4.976	30.184	-2.304	-5.6645	-9.4310
41	0.00000	q	LinStatic	-2.131	23.798	-3.521	-5.6186	-9.4501
41	0.46667	q	LinStatic	-2.131	23.798	-3.521	-5.6186	-7.8070
42	0.00000	q	LinStatic	0.713	16.901	-4.847	-5.5772	-7.8338
42	0.46667	q	LinStatic	0.713	16.901	-4.847	-5.5772	-5.5718
43	0.00000	q	LinStatic	3.558	9.334	-6.316	-5.5401	-5.6047
43	0.46667	q	LinStatic	3.558	9.334	-6.316	-5.5401	-2.6571
44	0.00000	q	LinStatic	6.403	0.929	-7.952	-5.5074	-2.6937
44	0.46667	q	LinStatic	6.403	0.929	-7.952	-5.5074	1.0172

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45	0.00000	q	LinStatic	9.249	-8.487	-9.766	-5.4790	0.9799
45	0.46667	q	LinStatic	9.249	-8.487	-9.766	-5.4790	5.5372
46	0.00000	q	LinStatic	12.097	-19.087	-11.754	-5.4550	5.5028
46	0.46667	q	LinStatic	12.097	-19.087	-11.754	-5.4550	10.9880
47	0.00000	q	LinStatic	14.947	-31.043	-13.894	-5.4352	10.9610
47	0.46667	q	LinStatic	14.947	-31.043	-13.894	-5.4352	17.4447
48	0.00000	q	LinStatic	-11.813	11.835	-12.368	14.1894	-7.4208
48	0.37500	q	LinStatic	-11.813	11.835	-12.368	14.1894	-2.7826
49	0.00000	q	LinStatic	-8.741	-0.539	-10.395	14.1916	-2.8053
49	0.37500	q	LinStatic	-8.741	-0.539	-10.395	14.1916	1.0927
50	0.00000	q	LinStatic	-5.672	-11.884	-8.512	14.2028	1.0694
50	0.37500	q	LinStatic	-5.672	-11.884	-8.512	14.2028	4.2615
51	0.00000	q	LinStatic	-2.603	-22.298	-6.718	14.2231	4.2402
51	0.37500	q	LinStatic	-2.603	-22.298	-6.718	14.2231	6.7595
52	0.00000	q	LinStatic	0.466	-31.879	-5.000	14.2523	6.7421
52	0.37500	q	LinStatic	0.466	-31.879	-5.000	14.2523	8.6171
53	0.00000	q	LinStatic	3.535	-40.716	-3.339	14.2905	8.6053
53	0.37500	q	LinStatic	3.535	-40.716	-3.339	14.2905	9.8575
54	0.00000	q	LinStatic	6.604	-48.890	-1.712	14.3378	9.8524
54	0.37500	q	LinStatic	6.604	-48.890	-1.712	14.3378	10.4942
55	0.00000	q	LinStatic	9.674	-56.472	-0.090	14.3942	10.4965
55	0.37500	q	LinStatic	9.674	-56.472	-0.090	14.3942	10.5303
56	0.00000	q	LinStatic	12.746	-63.520	1.554	14.4597	10.5402
56	0.37500	q	LinStatic	12.746	-63.520	1.554	14.4597	9.9576
57	0.00000	q	LinStatic	15.819	-70.077	3.249	14.5343	9.9749
57	0.37500	q	LinStatic	15.819	-70.077	3.249	14.5343	8.7564
58	0.00000	q	LinStatic	18.895	-76.170	5.024	14.6181	8.7805
58	0.37500	q	LinStatic	18.895	-76.170	5.024	14.6181	6.8965
59	0.00000	q	LinStatic	21.974	-81.806	6.903	14.7112	6.9262
59	0.37500	q	LinStatic	21.974	-81.806	6.903	14.7112	4.3377
60	0.00000	q	LinStatic	25.056	-86.975	8.904	14.8135	4.3715
60	0.37500	q	LinStatic	25.056	-86.975	8.904	14.8135	1.0326
61	0.00000	q	LinStatic	28.142	-91.645	11.040	14.9253	1.0684
61	0.37500	q	LinStatic	28.142	-91.645	11.040	14.9253	-3.0718
62	0.00000	q	LinStatic	27.852	75.061	-9.566	7.9159	-3.7028
62	0.46667	q	LinStatic	27.852	75.061	-9.566	7.9159	0.7613
63	0.00000	q	LinStatic	24.975	56.202	-7.580	7.5563	0.7144
63	0.46667	q	LinStatic	24.975	56.202	-7.580	7.5563	4.2517
64	0.00000	q	LinStatic	22.102	39.167	-5.813	7.2026	4.2070
64	0.46667	q	LinStatic	22.102	39.167	-5.813	7.2026	6.9198
65	0.00000	q	LinStatic	19.234	23.741	-4.247	6.8545	6.8801
65	0.46667	q	LinStatic	19.234	23.741	-4.247	6.8545	8.8622
66	0.00000	q	LinStatic	16.369	9.696	-2.853	6.5119	8.8296
66	0.46667	q	LinStatic	16.369	9.696	-2.853	6.5119	10.1610
67	0.00000	q	LinStatic	13.508	-3.211	-1.593	6.1744	10.1370
67	0.46667	q	LinStatic	13.508	-3.211	-1.593	6.1744	10.8804
68	0.00000	q	LinStatic	10.649	-15.225	-0.424	5.8417	10.8658
68	0.46667	q	LinStatic	10.649	-15.225	-0.424	5.8417	11.0637
69	0.00000	q	LinStatic	7.792	-26.588	0.700	5.5137	11.0590
69	0.46667	q	LinStatic	7.792	-26.588	0.700	5.5137	10.7325
70	0.00000	q	LinStatic	4.936	-37.536	1.825	5.1900	10.7377
70	0.46667	q	LinStatic	4.936	-37.536	1.825	5.1900	9.8861
71	0.00000	q	LinStatic	2.082	-48.291	2.997	4.8704	9.9005
71	0.46667	q	LinStatic	2.082	-48.291	2.997	4.8704	8.5018
72	0.00000	q	LinStatic	-0.772	-59.056	4.258	4.5546	8.5246
72	0.46667	q	LinStatic	-0.772	-59.056	4.258	4.5546	6.5375
73	0.00000	q	LinStatic	-3.627	-70.010	5.644	4.2424	6.5670
73	0.46667	q	LinStatic	-3.627	-70.010	5.644	4.2424	3.9331
74	0.00000	q	LinStatic	-6.482	-81.304	7.183	3.9335	3.9674
74	0.46667	q	LinStatic	-6.482	-81.304	7.183	3.9335	0.6155
75	0.00000	q	LinStatic	-9.338	-93.055	8.891	3.6278	0.6518
75	0.46667	q	LinStatic	-9.338	-93.055	8.891	3.6278	-3.4973
76	0.00000	q	LinStatic	-12.196	-105.340	10.772	3.3249	-3.4622
76	0.46667	q	LinStatic	-12.196	-105.340	10.772	3.3249	-8.4891
77	0.00000	q	LinStatic	-15.056	-118.189	12.811	3.0246	-8.4594
77	0.46667	q	LinStatic	-15.056	-118.189	12.811	3.0246	-14.4380
78	0.00000	q	LinStatic	-17.920	-131.585	14.974	2.7267	-14.4187
78	0.46667	q	LinStatic	-17.920	-131.585	14.974	2.7267	-21.4065
79	0.00000	q	LinStatic	-21.909	28.435	-15.082	13.6821	-15.7130
79	0.37500	q	LinStatic	-21.909	28.435	-15.082	13.6821	-10.0571
80	0.00000	q	LinStatic	-19.433	16.614	-12.979	13.6055	-10.0686
80	0.37500	q	LinStatic	-19.433	16.614	-12.979	13.6055	-5.2013
81	0.00000	q	LinStatic	-16.959	5.613	-10.937	13.5376	-5.2183
81	0.37500	q	LinStatic	-16.959	5.613	-10.937	13.5376	-1.1170
82	0.00000	q	LinStatic	-14.489	-4.663	-8.968	13.4782	-1.1363
82	0.37500	q	LinStatic	-14.489	-4.663	-8.968	13.4782	2.2266
83	0.00000	q	LinStatic	-12.020	-14.305	-7.075	13.4273	2.2077
83	0.37500	q	LinStatic	-12.020	-14.305	-7.075	13.4273	4.8608
84	0.00000	q	LinStatic	-9.554	-23.407	-5.252	13.3850	4.8444
84	0.37500	q	LinStatic	-9.554	-23.407	-5.252	13.3850	6.8139
85	0.00000	q	LinStatic	-7.088	-32.055	-3.485	13.3511	6.8018
85	0.37500	q	LinStatic	-7.088	-32.055	-3.485	13.3511	8.1087
86	0.00000	q	LinStatic	26.194	-14.082	-3.8386	-17.9563	-17.9563
86	0.46667	q	LinStatic	26.194	-14.082	-3.8386	-11.3847	-11.3847
87	0.00000	q	LinStatic	17.529	15.486	-11.921	-3.8121	-11.4067
87	0.46667	q	LinStatic	17.529	15.486	-11.921	-3.8121	-5.8437
88	0.00000	q	LinStatic	15.402	5.959	-9.888	-3.7886	-5.8735
88	0.46667	q	LinStatic	15.402	5.959	-9.888	-3.7886	-1.2590
89	0.00000	q	LinStatic	13.278	-2.558	-8.009	-3.7681	-1.2920



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89	0.46667	q	LinStatic	13.278	-2.558	-8.009	-3.7681	2.4458
90	0.00000	q	LinStatic	11.157	-10.235	-6.289	-3.7505	2.4133
90	0.46667	q	LinStatic	11.157	-10.235	-6.289	-3.7505	5.3481
91	0.00000	q	LinStatic	9.037	-17.242	-4.716	-3.7360	5.3191
91	0.46667	q	LinStatic	9.037	-17.242	-4.716	-3.7360	7.5200
92	0.00000	q	LinStatic	6.920	-23.744	-3.268	-3.7243	7.4968
92	0.46667	q	LinStatic	6.920	-23.744	-3.268	-3.7243	9.0220
93	0.00000	q	LinStatic	4.803	-29.896	-1.914	-3.7156	9.0063
93	0.46667	q	LinStatic	4.803	-29.896	-1.914	-3.7156	9.8993
94	0.00000	q	LinStatic	2.688	-35.842	-0.614	-3.7098	9.8921
94	0.46667	q	LinStatic	2.688	-35.842	-0.614	-3.7098	10.1787
95	0.00000	q	LinStatic	0.572	-41.711	0.673	-3.7070	10.1805
95	0.46667	q	LinStatic	0.572	-41.711	0.673	-3.7070	9.8666
96	0.00000	q	LinStatic	-1.542	-47.613	1.989	-3.7070	9.8774
96	0.46667	q	LinStatic	-1.542	-47.613	1.989	-3.7070	8.9490
97	0.00000	q	LinStatic	-3.658	-53.641	3.378	-3.7100	8.9684
97	0.46667	q	LinStatic	-3.658	-53.641	3.378	-3.7100	7.3920
98	0.00000	q	LinStatic	-5.774	-59.860	4.876	-3.7159	7.4187
98	0.46667	q	LinStatic	-5.774	-59.860	4.876	-3.7159	5.1430
99	0.00000	q	LinStatic	-7.891	-66.312	6.516	-3.7247	5.1754
99	0.46667	q	LinStatic	-7.891	-66.312	6.516	-3.7247	2.1345
100	0.00000	q	LinStatic	-10.009	-73.010	8.319	-3.7365	2.1701
100	0.46667	q	LinStatic	-10.009	-73.010	8.319	-3.7365	-1.7122
101	0.00000	q	LinStatic	-12.129	-79.933	10.295	-3.7512	-1.6763
101	0.46667	q	LinStatic	-12.129	-79.933	10.295	-3.7512	-6.4807
102	0.00000	q	LinStatic	-14.252	-87.025	12.437	-3.7688	-6.4485
102	0.46667	q	LinStatic	-14.252	-87.025	12.437	-3.7688	-12.2525
103	0.00000	q	LinStatic	-4.624	-40.333	-1.756	13.3256	8.1020
103	0.37500	q	LinStatic	-4.624	-40.333	-1.756	13.3256	8.7603
104	0.00000	q	LinStatic	-2.161	-48.312	-0.041	13.3086	8.7597
104	0.37500	q	LinStatic	-2.161	-48.312	-0.041	13.3086	8.7749
105	0.00000	q	LinStatic	0.302	-56.057	1.684	13.3000	8.7806
105	0.37500	q	LinStatic	0.302	-56.057	1.684	13.3000	8.1492
106	0.00000	q	LinStatic	2.765	-63.617	3.442	13.2998	8.1610
106	0.37500	q	LinStatic	2.765	-63.617	3.442	13.2998	6.8701
107	0.00000	q	LinStatic	5.229	-71.029	5.257	13.3081	6.8874
107	0.37500	q	LinStatic	5.229	-71.029	5.257	13.3081	4.9160
108	0.00000	q	LinStatic	7.693	-78.312	7.148	13.3247	4.9376
108	0.37500	q	LinStatic	7.693	-78.312	7.148	13.3247	2.2572
109	0.00000	q	LinStatic	10.159	-85.468	9.128	13.3498	2.2814
109	0.37500	q	LinStatic	10.159	-85.468	9.128	13.3498	-1.1414
110	0.00000	q	LinStatic	13.672	15.116	-12.009	-0.1536	-11.9258
110	0.46667	q	LinStatic	13.672	15.116	-12.009	-0.1536	-6.3216
111	0.00000	q	LinStatic	11.814	6.557	-9.964	-0.1716	-6.3529
111	0.46667	q	LinStatic	11.814	6.557	-9.964	-0.1716	-1.7029
112	0.00000	q	LinStatic	9.957	-1.015	-8.081	-0.1899	-1.7378
112	0.46667	q	LinStatic	9.957	-1.015	-8.081	-0.1899	2.0335
113	0.00000	q	LinStatic	8.102	-7.760	-6.367	-0.2082	1.9987
113	0.46667	q	LinStatic	8.102	-7.760	-6.367	-0.2082	4.9699
114	0.00000	q	LinStatic	6.249	-13.832	-4.812	-0.2267	4.9382
114	0.46667	q	LinStatic	6.249	-13.832	-4.812	-0.2267	7.1839
115	0.00000	q	LinStatic	4.397	-19.385	-3.396	-0.2454	7.1577
115	0.46667	q	LinStatic	4.397	-19.385	-3.396	-0.2454	8.7424
116	0.00000	q	LinStatic	2.546	-24.562	-2.088	-0.2643	8.7233
116	0.46667	q	LinStatic	2.546	-24.562	-2.088	-0.2643	9.6975
117	0.00000	q	LinStatic	0.696	-29.500	-0.850	-0.2834	9.6867
117	0.46667	q	LinStatic	0.696	-29.500	-0.850	-0.2834	10.0835
118	0.00000	q	LinStatic	-1.155	-34.322	0.357	-0.3028	10.0817
118	0.46667	q	LinStatic	-1.155	-34.322	0.357	-0.3028	9.9151
119	0.00000	q	LinStatic	-3.006	-39.135	1.577	-0.3223	9.9223
119	0.46667	q	LinStatic	-3.006	-39.135	1.577	-0.3223	9.1864
120	0.00000	q	LinStatic	-4.857	-44.032	2.851	-0.3422	9.2022
120	0.46667	q	LinStatic	-4.857	-44.032	2.851	-0.3422	7.8715
121	0.00000	q	LinStatic	-6.709	-49.084	4.219	-0.3622	7.8950
121	0.46667	q	LinStatic	-6.709	-49.084	4.219	-0.3622	5.9259
122	0.00000	q	LinStatic	-8.563	-54.343	5.715	-0.3826	5.9556
122	0.46667	q	LinStatic	-8.563	-54.343	5.715	-0.3826	3.2888
123	0.00000	q	LinStatic	-10.418	-59.835	7.362	-0.4033	3.3227
123	0.46667	q	LinStatic	-10.418	-59.835	7.362	-0.4033	-0.1129
124	0.00000	q	LinStatic	-12.275	-65.562	9.176	-0.4243	-0.0776
124	0.46667	q	LinStatic	-12.275	-65.562	9.176	-0.4243	-4.3598
125	0.00000	q	LinStatic	-14.134	-71.494	11.157	-0.4456	-4.3264
125	0.46667	q	LinStatic	-14.134	-71.494	11.157	-0.4456	-9.5329
126	0.00000	q	LinStatic	-15.996	-77.571	13.286	-0.4673	-9.5058
126	0.46667	q	LinStatic	-15.996	-77.571	13.286	-0.4673	-15.7059
127	0.00000	q	LinStatic	12.626	-92.479	11.204	13.3834	-1.1168
127	0.37500	q	LinStatic	12.626	-92.479	11.204	13.3834	-5.3182
128	0.00000	q	LinStatic	15.095	-99.305	13.373	13.4254	-5.2959
128	0.37500	q	LinStatic	15.095	-99.305	13.373	13.4254	-10.3110
129	0.00000	q	LinStatic	-8.233	-22.456	-6.737	-30.5725	-5.4863
129	0.50000	q	LinStatic	-8.233	-22.456	-6.737	-30.5725	-2.1176
130	0.00000	q	LinStatic	-10.346	-30.556	-4.538	-30.6384	-2.1091
130	0.50000	q	LinStatic	-10.346	-30.556	-4.538	-30.6384	0.1600
131	0.00000	q	LinStatic	-12.460	-39.247	-2.303	-30.7302	0.1675
131	0.50000	q	LinStatic	-12.460	-39.247	-2.303	-30.7302	1.3190
132	0.00000	q	LinStatic	-14.578	-48.602	-0.030	-30.8479	1.3272
132	0.50000	q	LinStatic	-14.578	-48.602	-0.030	-30.8479	1.3424
133	0.00000	q	LinStatic	-16.698	-58.668	2.287	-30.9916	1.3518
133	0.50000	q	LinStatic	-16.698	-58.668	2.287	-30.9916	0.2085

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134	0.00000	q	LinStatic	14.056	14.574	-12.010	0.4378	-12.1056
134	0.46667	q	LinStatic	14.056	14.574	-12.010	0.4378	-6.5008
135	0.00000	q	LinStatic	12.181	6.175	-9.972	0.4026	-6.5315
135	0.46667	q	LinStatic	12.181	6.175	-9.972	0.4026	-1.8781
136	0.00000	q	LinStatic	10.309	-1.257	-8.092	0.3677	-1.9126
136	0.46667	q	LinStatic	10.309	-1.257	-8.092	0.3677	1.8636
137	0.00000	q	LinStatic	8.438	-7.877	-6.379	0.3330	1.8291
137	0.46667	q	LinStatic	8.438	-7.877	-6.379	0.3330	4.8061
138	0.00000	q	LinStatic	6.569	-13.836	-4.825	0.2987	4.7745
138	0.46667	q	LinStatic	6.569	-13.836	-4.825	0.2987	7.0261
139	0.00000	q	LinStatic	4.701	-19.283	-3.408	0.2646	6.9999
139	0.46667	q	LinStatic	4.701	-19.283	-3.408	0.2646	8.5905
140	0.00000	q	LinStatic	2.834	-24.360	-2.100	0.2306	8.5713
140	0.46667	q	LinStatic	2.834	-24.360	-2.100	0.2306	9.5515
141	0.00000	q	LinStatic	0.968	-29.196	-0.864	0.1969	9.5405
141	0.46667	q	LinStatic	0.968	-29.196	-0.864	0.1969	9.9438
142	0.00000	q	LinStatic	-0.899	-33.913	0.341	0.1633	9.9415
142	0.46667	q	LinStatic	-0.899	-33.913	0.341	0.1633	9.7826
143	0.00000	q	LinStatic	-2.765	-38.613	1.556	0.1299	9.7893
143	0.46667	q	LinStatic	-2.765	-38.613	1.556	0.1299	9.0633
144	0.00000	q	LinStatic	-4.632	-43.387	2.823	0.0965	9.0784
144	0.46667	q	LinStatic	-4.632	-43.387	2.823	0.0965	7.7609
145	0.00000	q	LinStatic	-6.500	-48.303	4.181	0.0633	7.7837
145	0.46667	q	LinStatic	-6.500	-48.303	4.181	0.0633	5.8326
146	0.00000	q	LinStatic	-8.369	-53.409	5.662	0.0300	5.8615
146	0.46667	q	LinStatic	-8.369	-53.409	5.662	0.0300	3.2192
147	0.00000	q	LinStatic	-10.240	-58.729	7.292	-0.0032	3.2522
147	0.46667	q	LinStatic	-10.240	-58.729	7.292	-0.0032	-0.1506
148	0.00000	q	LinStatic	-12.112	-64.263	9.083	-0.0364	-0.1162
148	0.46667	q	LinStatic	-12.112	-64.263	9.083	-0.0364	-4.3551
149	0.00000	q	LinStatic	-13.987	-69.980	11.037	-0.0696	-4.3227
149	0.46667	q	LinStatic	-13.987	-69.980	11.037	-0.0696	-9.4734
150	0.00000	q	LinStatic	-15.864	-75.818	13.135	-0.1029	-9.4472
150	0.46667	q	LinStatic	-15.864	-75.818	13.135	-0.1029	-15.5771
151	0.00000	q	LinStatic	-18.822	-69.466	4.655	-31.1615	0.2188
151	0.50000	q	LinStatic	-18.822	-69.466	4.655	-31.1615	-2.1086
152	0.00000	q	LinStatic	-20.949	-80.981	7.075	-31.3577	-2.0992
152	0.50000	q	LinStatic	-20.949	-80.981	7.075	-31.3577	-5.6368
153	0.00000	q	LinStatic	-23.081	-93.154	9.539	-31.5803	-5.6312
153	0.50000	q	LinStatic	-23.081	-93.154	9.539	-31.5803	-10.4005
154	0.00000	q	LinStatic	-3.300	11.683	-3.073	-15.0911	5.3103
154	0.50000	q	LinStatic	-3.300	11.683	-3.073	-15.0911	6.8470
155	0.00000	q	LinStatic	-5.437	-1.468	-0.592	-15.3531	6.8507
155	0.50000	q	LinStatic	-5.437	-1.468	-0.592	-15.3531	7.1469
156	0.00000	q	LinStatic	-7.575	-15.064	1.924	-15.6281	7.1574
156	0.50000	q	LinStatic	-7.575	-15.064	1.924	-15.6281	6.1955
157	0.00000	q	LinStatic	-9.714	-29.122	4.510	-15.9162	6.2125
157	0.50000	q	LinStatic	-9.714	-29.122	4.510	-15.9162	3.9576
158	0.00000	q	LinStatic	14.326	15.293	-11.780	0.0134	-11.4980
158	0.46667	q	LinStatic	14.326	15.293	-11.780	0.0134	-6.0008
159	0.00000	q	LinStatic	12.438	6.810	-9.754	-0.0206	-6.0325
159	0.46667	q	LinStatic	12.438	6.810	-9.754	-0.0206	-1.4807
160	0.00000	q	LinStatic	10.552	-0.699	-7.891	-0.0545	-1.5158
160	0.46667	q	LinStatic	10.552	-0.699	-7.891	-0.0545	2.1664
161	0.00000	q	LinStatic	8.668	-7.388	-6.196	-0.0886	2.1316
161	0.46667	q	LinStatic	8.668	-7.388	-6.196	-0.0886	5.0231
162	0.00000	q	LinStatic	6.786	-13.410	-4.661	-0.1226	4.9915
162	0.46667	q	LinStatic	6.786	-13.410	-4.661	-0.1226	7.1666
163	0.00000	q	LinStatic	4.905	-18.914	-3.264	-0.1568	7.1405
163	0.46667	q	LinStatic	4.905	-18.914	-3.264	-0.1568	8.6635
164	0.00000	q	LinStatic	3.025	-24.042	-1.974	-0.1911	8.6445
164	0.46667	q	LinStatic	3.025	-24.042	-1.974	-0.1911	9.5657
165	0.00000	q	LinStatic	1.146	-28.926	-0.755	-0.2256	9.5549
165	0.46667	q	LinStatic	1.146	-28.926	-0.755	-0.2256	9.9072
166	0.00000	q	LinStatic	-0.733	-33.686	0.433	-0.2602	9.9052
166	0.46667	q	LinStatic	-0.733	-33.686	0.433	-0.2602	9.7030
167	0.00000	q	LinStatic	-2.613	-38.428	1.633	-0.2950	9.7098
167	0.46667	q	LinStatic	-2.613	-38.428	1.633	-0.2950	8.9476
168	0.00000	q	LinStatic	-4.493	-43.242	2.886	-0.3301	8.9629
168	0.46667	q	LinStatic	-4.493	-43.242	2.886	-0.3301	7.6161
169	0.00000	q	LinStatic	-6.373	-48.200	4.229	-0.3654	7.6388
169	0.46667	q	LinStatic	-6.373	-48.200	4.229	-0.3654	5.6654
170	0.00000	q	LinStatic	-8.255	-53.349	5.695	-0.4011	5.6941
170	0.46667	q	LinStatic	-8.255	-53.349	5.695	-0.4011	3.0365
171	0.00000	q	LinStatic	-10.139	-58.718	7.308	-0.4370	3.0691
171	0.46667	q	LinStatic	-10.139	-58.718	7.308	-0.4370	-0.3412
172	0.00000	q	LinStatic	-12.024	-64.304	9.081	-0.4733	-0.3073
172	0.46667	q	LinStatic	-12.024	-64.304	9.081	-0.4733	-4.5452
173	0.00000	q	LinStatic	-13.911	-70.081	11.014	-0.5099	-4.5135
173	0.46667	q	LinStatic	-13.911	-70.081	11.014	-0.5099	-9.6532
174	0.00000	q	LinStatic	-15.802	-75.988	13.087	-0.5470	-9.6279
174	0.46667	q	LinStatic	-15.802	-75.988	13.087	-0.5470	-15.7351
175	0.00000	q	LinStatic	-11.856	-43.653	7.196	-16.2178	3.9795
175	0.50000	q	LinStatic	-11.856	-43.653	7.196	-16.2178	0.3814
176	0.00000	q	LinStatic	-14.000	-58.651	10.003	-16.5331	0.4053
176	0.50000	q	LinStatic	-14.000	-58.651	10.003	-16.5331	-4.5960
177	0.00000	q	LinStatic	-16.147	-74.082	12.932	-16.8623	-4.5740
177	0.50000	q	LinStatic	-16.147	-74.082	12.932	-16.8623	-11.0398
178	0.00000	q	LinStatic	-18.297	-89.880	15.961	-17.2057	-11.0255



### Ponte sullo Stretto di Messina PROGETTO DEFINITIVO

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178	0.50000	q	LinStatic	-18.297	-89.880	15.961	-17.2057	-19.0061
179	0.00000	q	LinStatic	-23.685	50.239	5.768	-12.1637	-3.0367
179	0.50000	q	LinStatic	-23.685	50.239	5.768	-12.1637	-5.9205
180	0.00000	q	LinStatic	-21.414	45.610	2.847	-12.0060	-5.8898
180	0.50000	q	LinStatic	-21.414	45.610	2.847	-12.0060	-7.3131
181	0.00000	q	LinStatic	-19.149	40.575	0.065	-11.8584	-7.2887
181	0.50000	q	LinStatic	-19.149	40.575	0.065	-11.8584	-7.3214
182	0.00000	q	LinStatic	9.950	16.407	-11.788	-1.1574	-11.4386
182	0.46667	q	LinStatic	9.950	16.407	-11.788	-1.1574	-5.9375
183	0.00000	q	LinStatic	7.761	8.001	-9.749	-1.1899	-5.9683
183	0.46667	q	LinStatic	7.761	8.001	-9.749	-1.1899	-1.4187
184	0.00000	q	LinStatic	5.573	0.566	-7.869	-1.2234	-1.4528
184	0.46667	q	LinStatic	5.573	0.566	-7.869	-1.2234	2.2191
185	0.00000	q	LinStatic	3.387	-6.054	-6.152	-1.2579	2.1854
185	0.46667	q	LinStatic	3.387	-6.054	-6.152	-1.2579	5.0563
186	0.00000	q	LinStatic	1.201	-12.016	-4.590	-1.2933	5.0258
186	0.46667	q	LinStatic	1.201	-12.016	-4.590	-1.2933	7.1676
187	0.00000	q	LinStatic	-0.985	-17.471	-3.160	-1.3297	7.1426
187	0.46667	q	LinStatic	-0.985	-17.471	-3.160	-1.3297	8.6173
188	0.00000	q	LinStatic	-3.171	-22.565	-1.833	-1.3672	8.5994
188	0.46667	q	LinStatic	-3.171	-22.565	-1.833	-1.3672	9.4547
189	0.00000	q	LinStatic	-5.358	-27.435	-0.572	-1.4058	9.4449
189	0.46667	q	LinStatic	-5.358	-27.435	-0.572	-1.4058	9.7117
190	0.00000	q	LinStatic	-7.545	-32.208	0.664	-1.4455	9.7105
190	0.46667	q	LinStatic	-7.545	-32.208	0.664	-1.4455	9.4007
191	0.00000	q	LinStatic	-9.734	-36.996	1.915	-1.4863	9.4082
191	0.46667	q	LinStatic	-9.734	-36.996	1.915	-1.4863	8.5147
192	0.00000	q	LinStatic	-11.925	-41.896	3.220	-1.5283	8.5303
192	0.46667	q	LinStatic	-11.925	-41.896	3.220	-1.5283	7.0275
193	0.00000	q	LinStatic	-14.118	-46.986	4.617	-1.5715	7.0501
193	0.46667	q	LinStatic	-14.118	-46.986	4.617	-1.5715	4.8954
194	0.00000	q	LinStatic	-16.314	-52.324	6.135	-1.6159	4.9233
194	0.46667	q	LinStatic	-16.314	-52.324	6.135	-1.6159	2.0603
195	0.00000	q	LinStatic	-18.513	-57.946	7.795	-1.6616	2.0914
195	0.46667	q	LinStatic	-18.513	-57.946	7.795	-1.6616	-1.5464
196	0.00000	q	LinStatic	-20.715	-63.861	9.606	-1.7086	-1.5150
196	0.46667	q	LinStatic	-20.715	-63.861	9.606	-1.7086	-5.9980
197	0.00000	q	LinStatic	-22.921	-70.051	11.563	-1.7570	-5.9700
197	0.46667	q	LinStatic	-22.921	-70.051	11.563	-1.7570	-11.3659
198	0.00000	q	LinStatic	-25.131	-76.466	13.639	-1.8067	-11.3457
198	0.46667	q	LinStatic	-25.131	-76.466	13.639	-1.8067	-17.7106
199	0.00000	q	LinStatic	-16.886	35.212	-2.612	-11.7208	-7.3041
199	0.50000	q	LinStatic	-16.886	35.212	-2.612	-11.7208	-5.9983
200	0.00000	q	LinStatic	-14.628	29.575	-5.220	-11.5931	-5.9874
200	0.50000	q	LinStatic	-14.628	29.575	-5.220	-11.5931	-3.3773
201	0.00000	q	LinStatic	-12.372	23.695	-7.790	-11.4752	-3.3709
201	0.50000	q	LinStatic	-12.372	23.695	-7.790	-11.4752	0.5238
202	0.00000	q	LinStatic	-10.119	17.587	-10.337	-11.3670	0.5288
202	0.50000	q	LinStatic	-10.119	17.587	-10.337	-11.3670	5.6971
203	0.00000	q	LinStatic	-7.868	11.250	-12.859	-11.2684	5.7051
203	0.50000	q	LinStatic	-7.868	11.250	-12.859	-11.2684	12.1348
204	0.00000	q	LinStatic	-29.244	51.370	6.575	-5.8845	1.8405
204	0.50000	q	LinStatic	-29.244	51.370	6.575	-5.8845	-1.4468
205	0.00000	q	LinStatic	-27.001	44.628	4.192	-5.8004	-1.4300
205	0.50000	q	LinStatic	-27.001	44.628	4.192	-5.8004	-3.5260
206	0.00000	q	LinStatic	11.377	20.271	-12.235	-0.7308	-12.7156
206	0.46667	q	LinStatic	11.377	20.271	-12.235	-0.7308	-7.0057
207	0.00000	q	LinStatic	9.285	12.240	-10.169	-0.7584	-7.0355
207	0.46667	q	LinStatic	9.285	12.240	-10.169	-0.7584	-2.2901
208	0.00000	q	LinStatic	7.195	5.211	-8.258	-0.7866	-2.3241
208	0.46667	q	LinStatic	7.195	5.211	-8.258	-0.7866	1.5295
209	0.00000	q	LinStatic	5.106	-0.973	-6.512	-0.8154	1.4952
209	0.46667	q	LinStatic	5.106	-0.973	-6.512	-0.8154	4.5342
210	0.00000	q	LinStatic	3.018	-6.473	-4.925	-0.8449	4.5026
210	0.46667	q	LinStatic	3.018	-6.473	-4.925	-0.8449	6.8011
211	0.00000	q	LinStatic	0.931	-11.448	-3.478	-0.8750	6.7746
211	0.46667	q	LinStatic	0.931	-11.448	-3.478	-0.8750	8.3976
212	0.00000	q	LinStatic	-1.156	-16.053	-2.141	-0.9058	8.3779
212	0.46667	q	LinStatic	-1.156	-16.053	-2.141	-0.9058	9.3769
213	0.00000	q	LinStatic	-3.244	-20.437	-0.878	-0.9373	9.3652
213	0.46667	q	LinStatic	-3.244	-20.437	-0.878	-0.9373	9.7751
214	0.00000	q	LinStatic	-5.332	-24.743	0.349	-0.9696	9.7720
214	0.46667	q	LinStatic	-5.332	-24.743	0.349	-0.9696	9.6093
215	0.00000	q	LinStatic	-7.421	-29.102	1.582	-1.0026	9.6149
215	0.46667	q	LinStatic	-7.421	-29.102	1.582	-1.0026	8.8766
216	0.00000	q	LinStatic	-9.511	-33.633	2.862	-1.0364	8.8906
216	0.46667	q	LinStatic	-9.511	-33.633	2.862	-1.0364	7.5549
217	0.00000	q	LinStatic	-11.603	-38.441	4.227	-1.0711	7.5763
217	0.46667	q	LinStatic	-11.603	-38.441	4.227	-1.0711	5.6037
218	0.00000	q	LinStatic	-13.698	-43.616	5.708	-1.1065	5.6310
218	0.46667	q	LinStatic	-13.698	-43.616	5.708	-1.1065	2.9672
219	0.00000	q	LinStatic	-15.795	-49.228	7.330	-1.1429	2.9984
219	0.46667	q	LinStatic	-15.795	-49.228	7.330	-1.1429	-0.4224
220	0.00000	q	LinStatic	-17.894	-55.325	9.106	-1.1801	-0.3900
220	0.46667	q	LinStatic	-17.894	-55.325	9.106	-1.1801	-4.6392
221	0.00000	q	LinStatic	-19.998	-61.934	11.033	-1.2183	-4.6092
221	0.46667	q	LinStatic	-19.998	-61.934	11.033	-1.2183	-9.7579
222	0.00000	q	LinStatic	-22.105	-69.053	13.094	-1.2574	-9.7343
222	0.46667	q	LinStatic	-22.105	-69.053	13.094	-1.2574	-15.8446

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223	0.00000	q	LinStatic	-24.762	37.813	1.891	-5.7211	-3.5116
223	0.50000	q	LinStatic	-24.762	37.813	1.891	-5.7211	-4.4570
224	0.00000	q	LinStatic	-22.529	30.989	-0.347	-5.6467	-4.4465
224	0.50000	q	LinStatic	-22.529	30.989	-0.347	-5.6467	-4.2731
225	0.00000	q	LinStatic	-20.300	24.198	-2.542	-5.5770	-4.2668
225	0.50000	q	LinStatic	-20.300	24.198	-2.542	-5.5770	-2.9958
226	0.00000	q	LinStatic	-18.076	17.462	-4.716	-5.5120	-2.9930
226	0.50000	q	LinStatic	-18.076	17.462	-4.716	-5.5120	-0.6348
227	0.00000	q	LinStatic	-15.854	10.790	-6.885	-5.4517	-0.6337
227	0.50000	q	LinStatic	-15.854	10.790	-6.885	-5.4517	2.8086
228	0.00000	q	LinStatic	-13.637	4.180	-9.050	-5.3960	2.8107
228	0.50000	q	LinStatic	-13.637	4.180	-9.050	-5.3960	7.3358
230	0.00000	q	LinStatic	14.117	10.453	-12.292	2.0788	-12.6808
230	0.46667	q	LinStatic	14.117	10.453	-12.292	2.0788	-6.9446
231	0.00000	q	LinStatic	12.242	2.834	-10.212	2.0554	-6.9761
231	0.46667	q	LinStatic	12.242	2.834	-10.212	2.0554	-2.2106
232	0.00000	q	LinStatic	10.370	-3.863	-8.295	2.0335	-2.2462
232	0.46667	q	LinStatic	10.370	-3.863	-8.295	2.0335	1.6250
233	0.00000	q	LinStatic	8.500	-9.793	-6.552	2.0133	1.5891
233	0.46667	q	LinStatic	8.500	-9.793	-6.552	2.0133	4.6465
234	0.00000	q	LinStatic	6.631	-15.110	-4.973	1.9946	4.6135
234	0.46667	q	LinStatic	6.631	-15.110	-4.973	1.9946	6.9343
235	0.00000	q	LinStatic	4.764	-19.961	-3.540	1.9776	6.9064
235	0.46667	q	LinStatic	4.764	-19.961	-3.540	1.9776	8.5587
236	0.00000	q	LinStatic	2.898	-24.485	-2.224	1.9620	8.5378
236	0.46667	q	LinStatic	2.898	-24.485	-2.224	1.9620	9.5756
237	0.00000	q	LinStatic	1.032	-28.814	-0.988	1.9481	9.5629
237	0.46667	q	LinStatic	1.032	-28.814	-0.988	1.9481	10.0238
238	0.00000	q	LinStatic	-0.834	-33.064	0.209	1.9356	10.0199
238	0.46667	q	LinStatic	-0.834	-33.064	0.209	1.9356	9.9221
239	0.00000	q	LinStatic	-2.700	-37.340	1.409	1.9247	9.9272
239	0.46667	q	LinStatic	-2.700	-37.340	1.409	1.9247	9.2695
240	0.00000	q	LinStatic	-4.566	-41.728	2.654	1.9153	9.2833
240	0.46667	q	LinStatic	-4.566	-41.728	2.654	1.9153	8.0447
241	0.00000	q	LinStatic	-6.434	-46.298	3.983	1.9074	8.0662
241	0.46667	q	LinStatic	-6.434	-46.298	3.983	1.9074	6.2075
242	0.00000	q	LinStatic	-8.302	-51.099	5.430	1.9010	6.2355
242	0.46667	q	LinStatic	-8.302	-51.099	5.430	1.9010	3.7013
243	0.00000	q	LinStatic	-10.172	-56.157	7.022	1.8961	3.7338
243	0.46667	q	LinStatic	-10.172	-56.157	7.022	1.8961	0.4566
244	0.00000	q	LinStatic	-12.044	-61.472	8.775	1.8927	0.4910
244	0.46667	q	LinStatic	-12.044	-61.472	8.775	1.8927	-3.6042
245	0.00000	q	LinStatic	-13.918	-67.021	10.691	1.8908	-3.5712
245	0.46667	q	LinStatic	-13.918	-67.021	10.691	1.8908	-8.5606
246	0.00000	q	LinStatic	-15.795	-72.745	12.756	1.8904	-8.5331
246	0.46667	q	LinStatic	-15.795	-72.745	12.756	1.8904	-14.4859
254	0.00000	q	LinStatic	12.150	20.194	-11.274	4.9704	-8.9852
254	0.46667	q	LinStatic	12.150	20.194	-11.274	4.9704	-3.7240
255	0.00000	q	LinStatic	10.034	10.313	-9.203	4.7933	-3.7594
255	0.46667	q	LinStatic	10.034	10.313	-9.203	4.7933	0.5355
256	0.00000	q	LinStatic	7.921	1.615	-7.308	4.6200	0.4986
256	0.46667	q	LinStatic	7.921	1.615	-7.308	4.6200	3.9088
257	0.00000	q	LinStatic	5.809	-6.074	-5.584	4.4503	3.8740
257	0.46667	q	LinStatic	5.809	-6.074	-5.584	4.4503	6.4800
258	0.00000	q	LinStatic	3.698	-12.929	-4.017	4.2842	6.4498
258	0.46667	q	LinStatic	3.698	-12.929	-4.017	4.2842	8.3244
259	0.00000	q	LinStatic	1.587	-19.122	-2.578	4.1214	8.3009
259	0.46667	q	LinStatic	1.587	-19.122	-2.578	4.1214	9.5039
260	0.00000	q	LinStatic	-0.523	-24.815	-1.232	3.9618	9.4884
260	0.46667	q	LinStatic	-0.523	-24.815	-1.232	3.9618	10.0632
261	0.00000	q	LinStatic	-2.633	-30.164	0.062	3.8054	10.0565
261	0.46667	q	LinStatic	-2.633	-30.164	0.062	3.8054	10.0277
262	0.00000	q	LinStatic	-4.743	-35.310	1.345	3.6520	10.0301
262	0.46667	q	LinStatic	-4.743	-35.310	1.345	3.6520	9.4025
263	0.00000	q	LinStatic	-6.855	-40.381	2.660	3.5014	9.4136
263	0.46667	q	LinStatic	-6.855	-40.381	2.660	3.5014	8.1722
264	0.00000	q	LinStatic	-8.968	-45.487	4.048	3.3536	8.1912
264	0.46667	q	LinStatic	-8.968	-45.487	4.048	3.3536	6.3022
265	0.00000	q	LinStatic	-11.082	-50.716	5.542	3.2085	6.3278
265	0.46667	q	LinStatic	-11.082	-50.716	5.542	3.2085	3.7414
266	0.00000	q	LinStatic	-13.199	-56.137	7.170	3.0658	3.7715
266	0.46667	q	LinStatic	-13.199	-56.137	7.170	3.0658	0.4254
267	0.00000	q	LinStatic	-15.318	-61.793	8.948	2.9256	0.4574
267	0.46667	q	LinStatic	-15.318	-61.793	8.948	2.9256	-3.7184
268	0.00000	q	LinStatic	-17.440	-67.698	10.878	2.7877	-3.6879
268	0.46667	q	LinStatic	-17.440	-67.698	10.878	2.7877	-8.7643
269	0.00000	q	LinStatic	-19.565	-73.840	12.945	2.6520	-8.7394
269	0.46667	q	LinStatic	-19.565	-73.840	12.945	2.6520	-14.7804
270	0.00000	q	LinStatic	-21.694	-80.169	15.112	2.5184	-14.7661
270	0.46667	q	LinStatic	-21.694	-80.169	15.112	2.5184	-21.8186
271	0.00000	q	LinStatic	18.585	87.075	16.345	6.5121	21.7302
271	0.50000	q	LinStatic	18.585	87.075	16.345	6.5121	13.5578
272	0.00000	q	LinStatic	16.314	72.725	13.525	6.1637	13.5707
272	0.50000	q	LinStatic	16.314	72.725	13.525	6.1637	6.8084
273	0.00000	q	LinStatic	14.045	58.536	10.804	5.8205	6.8311
273	0.50000	q	LinStatic	14.045	58.536	10.804	5.8205	1.4290
274	0.00000	q	LinStatic	11.779	44.571	8.216	5.4822	1.4557
274	0.50000	q	LinStatic	11.779	44.571	8.216	5.4822	-2.6524
275	0.00000	q	LinStatic	9.516	30.852	5.767	5.1486	-2.6262

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275	0.50000	q	LinStatic	9.516	30.852	5.767	5.1486	-5.5096
276	0.00000	q	LinStatic	7.255	17.380	3.443	4.8193	-5.4874
276	0.50000	q	LinStatic	7.255	17.380	3.443	4.8193	-7.2089
277	0.00000	q	LinStatic	4.995	4.134	1.218	4.4940	-7.1928
277	0.50000	q	LinStatic	4.995	4.134	1.218	4.4940	-7.8018
278	0.00000	q	LinStatic	2.736	-8.918	-0.944	4.1726	-7.7929
278	0.50000	q	LinStatic	2.736	-8.918	-0.944	4.1726	-7.3210
279	0.00000	q	LinStatic	-6.682	85.874	13.327	-18.0542	14.3318
279	0.50000	q	LinStatic	-6.682	85.874	13.327	-18.0542	7.6685
280	0.00000	q	LinStatic	-8.991	72.926	11.124	-18.3926	7.6549
280	0.50000	q	LinStatic	-8.991	72.926	11.124	-18.3926	2.0931
281	0.00000	q	LinStatic	-11.301	59.069	8.874	-18.7466	2.0843
281	0.50000	q	LinStatic	-11.301	59.069	8.874	-18.7466	-2.3525
282	0.00000	q	LinStatic	-13.613	44.215	6.586	-19.1164	-2.3614
282	0.50000	q	LinStatic	-13.613	44.215	6.586	-19.1164	-5.6544
283	0.00000	q	LinStatic	-15.928	28.241	4.249	-19.5023	-5.6672
283	0.50000	q	LinStatic	-15.928	28.241	4.249	-19.5023	-7.7917
284	0.00000	q	LinStatic	-18.246	10.997	1.835	-19.9047	-7.8110
284	0.50000	q	LinStatic	-18.246	10.997	1.835	-19.9047	-8.7285
285	0.00000	q	LinStatic	-20.568	-7.687	-0.694	-20.3238	-8.7558
285	0.50000	q	LinStatic	-20.568	-7.687	-0.694	-20.3238	-8.4089
286	0.00000	q	LinStatic	-22.895	-27.985	-3.381	-20.7601	-8.4445
286	0.50000	q	LinStatic	-22.895	-27.985	-3.381	-20.7601	-6.7542
287	0.00000	q	LinStatic	-19.800	0.551	-16.214	10.6336	-21.4033
287	0.50000	q	LinStatic	-19.800	0.551	-16.214	10.6336	-13.2963
288	0.00000	q	LinStatic	-17.579	-11.914	-13.386	10.5710	-13.3099
288	0.50000	q	LinStatic	-17.579	-11.914	-13.386	10.5710	-6.6169
289	0.00000	q	LinStatic	-15.360	-23.146	-10.661	10.5173	-6.6401
289	0.50000	q	LinStatic	-15.360	-23.146	-10.661	10.5173	-1.3098
290	0.00000	q	LinStatic	-13.145	-33.302	-8.069	10.4725	-1.3368
290	0.50000	q	LinStatic	-13.145	-33.302	-8.069	10.4725	2.6977
291	0.00000	q	LinStatic	-10.933	-42.527	-5.617	10.4365	2.6714
291	0.50000	q	LinStatic	-10.933	-42.527	-5.617	10.4365	5.4800
292	0.00000	q	LinStatic	-8.723	-50.941	-3.292	10.4094	5.4576
292	0.50000	q	LinStatic	-8.723	-50.941	-3.292	10.4094	7.1035
293	0.00000	q	LinStatic	-6.514	-58.643	-1.066	10.3910	7.0872
293	0.50000	q	LinStatic	-6.514	-58.643	-1.066	10.3910	7.6203
294	0.00000	q	LinStatic	-4.307	-65.695	1.095	10.3814	7.6110
294	0.50000	q	LinStatic	-4.307	-65.695	1.095	10.3814	7.0637
295	0.00000	q	LinStatic	7.902	-10.032	-13.271	3.8388	-14.2446
295	0.50000	q	LinStatic	7.902	-10.032	-13.271	3.8388	-7.6089
296	0.00000	q	LinStatic	10.185	-17.108	-11.064	3.8499	-7.5957
296	0.50000	q	LinStatic	10.185	-17.108	-11.064	3.8499	-2.0637
297	0.00000	q	LinStatic	12.470	-24.106	-8.811	3.8642	-2.0552
297	0.50000	q	LinStatic	12.470	-24.106	-8.811	3.8642	2.3502
298	0.00000	q	LinStatic	14.757	-31.031	-6.521	3.8818	2.3589
298	0.50000	q	LinStatic	14.757	-31.031	-6.521	3.8818	5.6195
299	0.00000	q	LinStatic	17.048	-37.870	-4.184	3.9026	5.6320
299	0.50000	q	LinStatic	17.048	-37.870	-4.184	3.9026	7.7239
300	0.00000	q	LinStatic	19.341	-44.593	-1.771	3.9268	7.7429
300	0.50000	q	LinStatic	19.341	-44.593	-1.771	3.9268	8.6282
301	0.00000	q	LinStatic	21.639	-51.146	0.756	3.9542	8.6551
301	0.50000	q	LinStatic	21.639	-51.146	0.756	3.9542	8.2771
302	0.00000	q	LinStatic	23.941	-57.450	3.438	3.9850	8.3122
302	0.50000	q	LinStatic	23.941	-57.450	3.438	3.9850	6.5932
303	0.00000	q	LinStatic	21.152	85.948	12.127	5.8340	14.9815
303	0.50000	q	LinStatic	21.152	85.948	12.127	5.8340	8.9182
304	0.00000	q	LinStatic	18.898	73.327	10.037	5.5210	8.9313
304	0.50000	q	LinStatic	18.898	73.327	10.037	5.5210	3.9130
305	0.00000	q	LinStatic	16.648	61.056	8.036	5.2127	3.9323
305	0.50000	q	LinStatic	16.648	61.056	8.036	5.2127	-0.0855
306	0.00000	q	LinStatic	14.401	49.174	6.142	4.9087	-0.0643
306	0.50000	q	LinStatic	14.401	49.174	6.142	4.9087	-3.1354
307	0.00000	q	LinStatic	12.157	37.683	4.355	4.6089	-3.1157
307	0.50000	q	LinStatic	12.157	37.683	4.355	4.6089	-5.2934
308	0.00000	q	LinStatic	9.915	26.556	2.660	4.3130	-5.2778
308	0.50000	q	LinStatic	9.915	26.556	2.660	4.3130	-6.6080
309	0.00000	q	LinStatic	7.676	15.742	1.031	4.0207	-6.5981
309	0.50000	q	LinStatic	7.676	15.742	1.031	4.0207	-7.1134
310	0.00000	q	LinStatic	5.438	5.176	-0.566	3.7318	-7.1102
310	0.50000	q	LinStatic	5.438	5.176	-0.566	3.7318	-6.8274
311	0.00000	q	LinStatic	3.201	-5.218	-2.163	3.4461	-6.8309
311	0.50000	q	LinStatic	3.201	-5.218	-2.163	3.4461	-5.7495
312	0.00000	q	LinStatic	0.965	-15.516	-3.795	3.1632	-5.7591
312	0.50000	q	LinStatic	0.965	-15.516	-3.795	3.1632	-3.8618
313	0.00000	q	LinStatic	-1.272	-25.794	-5.489	2.8830	-3.8761
313	0.50000	q	LinStatic	-1.272	-25.794	-5.489	2.8830	-1.1317
314	0.00000	q	LinStatic	-3.508	-36.118	-7.264	2.6053	-1.1483
314	0.50000	q	LinStatic	-3.508	-36.118	-7.264	2.6053	2.4839
315	0.00000	q	LinStatic	17.066	74.648	12.339	2.0334	18.1543
315	0.50000	q	LinStatic	17.066	74.648	12.339	2.0334	11.9848
316	0.00000	q	LinStatic	14.832	64.243	10.442	1.7595	11.9833
316	0.50000	q	LinStatic	14.832	64.243	10.442	1.7595	6.7623
317	0.00000	q	LinStatic	12.602	53.934	8.569	1.4872	6.7699
317	0.50000	q	LinStatic	12.602	53.934	8.569	1.4872	2.4855
318	0.00000	q	LinStatic	10.373	43.768	6.751	1.2161	2.4976
318	0.50000	q	LinStatic	10.373	43.768	6.751	1.2161	-0.8780
319	0.00000	q	LinStatic	8.147	33.757	5.001	0.9461	-0.8652
319	0.50000	q	LinStatic	8.147	33.757	5.001	0.9461	-3.3658

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320	0.00000	q	LinStatic	5.923	23.887	3.314	0.6768	-3.3549
320	0.50000	q	LinStatic	5.923	23.887	3.314	0.6768	-5.0121
321	0.00000	q	LinStatic	3.700	14.125	1.674	0.4081	-5.0053
321	0.50000	q	LinStatic	3.700	14.125	1.674	0.4081	-5.8422
322	0.00000	q	LinStatic	1.477	4.422	0.056	0.1398	-5.8407
322	0.50000	q	LinStatic	1.477	4.422	0.056	0.1398	-5.8685
323	0.00000	q	LinStatic	-0.745	-5.278	-1.569	-0.1285	-5.8726
323	0.50000	q	LinStatic	-0.745	-5.278	-1.569	-0.1285	-5.0880
324	0.00000	q	LinStatic	-2.967	-15.035	-3.229	-0.3968	-5.0974
324	0.50000	q	LinStatic	-2.967	-15.035	-3.229	-0.3968	-3.4828
325	0.00000	q	LinStatic	-5.190	-24.905	-4.949	-0.6655	-3.4964
325	0.50000	q	LinStatic	-5.190	-24.905	-4.949	-0.6655	-1.0219
326	0.00000	q	LinStatic	-7.414	-34.935	-6.746	-0.9347	-1.0377
326	0.50000	q	LinStatic	-7.414	-34.935	-6.746	-0.9347	2.3352
327	0.00000	q	LinStatic	13.180	76.751	12.441	1.3478	18.1849
327	0.50000	q	LinStatic	13.180	76.751	12.441	1.3478	11.9643
328	0.00000	q	LinStatic	10.957	66.461	10.533	1.0789	11.9637
328	0.50000	q	LinStatic	10.957	66.461	10.533	1.0789	6.6974
329	0.00000	q	LinStatic	8.736	56.203	8.652	0.8110	6.7058
329	0.50000	q	LinStatic	8.736	56.203	8.652	0.8110	2.3799
330	0.00000	q	LinStatic	6.517	46.034	6.831	0.5437	2.3927
330	0.50000	q	LinStatic	6.517	46.034	6.831	0.5437	-1.0229
331	0.00000	q	LinStatic	4.300	35.980	5.082	0.2768	-1.0094
331	0.50000	q	LinStatic	4.300	35.980	5.082	0.2768	-3.5502
332	0.00000	q	LinStatic	2.083	26.038	3.398	0.0102	-3.5389
332	0.50000	q	LinStatic	2.083	26.038	3.398	0.0102	-5.2379
333	0.00000	q	LinStatic	-0.133	16.182	1.763	-0.2563	-5.2308
333	0.50000	q	LinStatic	-0.133	16.182	1.763	-0.2563	-6.1124
334	0.00000	q	LinStatic	-2.349	6.373	0.151	-0.5231	-6.1108
334	0.50000	q	LinStatic	-2.349	6.373	0.151	-0.5231	-6.1863
335	0.00000	q	LinStatic	-4.566	-3.440	-1.468	-0.7904	-6.1907
335	0.50000	q	LinStatic	-4.566	-3.440	-1.468	-0.7904	-5.4568
336	0.00000	q	LinStatic	-6.784	-13.311	-3.123	-1.0583	-5.4668
336	0.50000	q	LinStatic	-6.784	-13.311	-3.123	-1.0583	-3.9050
337	0.00000	q	LinStatic	-9.003	-23.291	-4.843	-1.3271	-3.9195
337	0.50000	q	LinStatic	-9.003	-23.291	-4.843	-1.3271	-1.4981
338	0.00000	q	LinStatic	-11.224	-33.424	-6.645	-1.5970	-1.5153
338	0.50000	q	LinStatic	-11.224	-33.424	-6.645	-1.5970	1.8072
339	0.00000	q	LinStatic	9.609	77.357	12.246	1.4962	16.9827
339	0.50000	q	LinStatic	9.609	77.357	12.246	1.4962	10.8598
340	0.00000	q	LinStatic	7.388	66.983	10.312	1.2261	10.8563
340	0.50000	q	LinStatic	7.388	66.983	10.312	1.2261	5.7005
341	0.00000	q	LinStatic	5.169	56.653	8.388	0.9572	5.7050
341	0.50000	q	LinStatic	5.169	56.653	8.388	0.9572	1.5112
342	0.00000	q	LinStatic	2.950	46.425	6.501	0.6890	1.5191
342	0.50000	q	LinStatic	2.950	46.425	6.501	0.6890	-1.7316
343	0.00000	q	LinStatic	0.732	36.325	4.660	0.4214	-1.7238
343	0.50000	q	LinStatic	0.732	36.325	4.660	0.4214	-4.0536
344	0.00000	q	LinStatic	-1.486	26.352	2.854	0.1542	-4.0485
344	0.50000	q	LinStatic	-1.486	26.352	2.854	0.1542	-5.4754
345	0.00000	q	LinStatic	-3.704	16.482	1.064	-0.1129	-5.4750
345	0.50000	q	LinStatic	-3.704	16.482	1.064	-0.1129	-6.0070
346	0.00000	q	LinStatic	-5.923	6.673	-0.737	-0.3801	-6.0121
346	0.50000	q	LinStatic	-5.923	6.673	-0.737	-0.3801	-5.6438
347	0.00000	q	LinStatic	-8.143	-3.123	-2.577	-0.6476	-5.6545
347	0.50000	q	LinStatic	-8.143	-3.123	-2.577	-0.6476	-4.3659
348	0.00000	q	LinStatic	-10.365	-12.961	-4.486	-0.9157	-4.3814
348	0.50000	q	LinStatic	-10.365	-12.961	-4.486	-0.9157	-2.1387
349	0.00000	q	LinStatic	-12.589	-22.893	-6.483	-1.1845	-2.1574
349	0.50000	q	LinStatic	-12.589	-22.893	-6.483	-1.1845	1.0841
350	0.00000	q	LinStatic	-14.815	-32.963	-8.580	-1.4544	1.0649
350	0.50000	q	LinStatic	-14.815	-32.963	-8.580	-1.4544	5.3550
351	0.00000	q	LinStatic	5.995	76.863	14.086	0.8993	20.4773
351	0.50000	q	LinStatic	5.995	76.863	14.086	0.8993	13.4341
352	0.00000	q	LinStatic	3.767	66.582	11.865	0.6290	13.4344
352	0.50000	q	LinStatic	3.767	66.582	11.865	0.6290	7.5017
353	0.00000	q	LinStatic	1.539	56.360	9.680	0.3592	7.5121
353	0.50000	q	LinStatic	1.539	56.360	9.680	0.3592	2.6720
354	0.00000	q	LinStatic	-0.688	46.258	7.567	0.0898	2.6873
354	0.50000	q	LinStatic	-0.688	46.258	7.567	0.0898	-1.0961
355	0.00000	q	LinStatic	-2.915	36.301	5.537	-0.1796	-1.0800
355	0.50000	q	LinStatic	-2.915	36.301	5.537	-0.1796	-3.8487
356	0.00000	q	LinStatic	-5.143	26.490	3.587	-0.4492	-3.8350
356	0.50000	q	LinStatic	-5.143	26.490	3.587	-0.4492	-5.6284
357	0.00000	q	LinStatic	-7.372	16.802	1.696	-0.7191	-5.6193
357	0.50000	q	LinStatic	-7.372	16.802	1.696	-0.7191	-6.4672
358	0.00000	q	LinStatic	-9.602	7.198	-0.163	-0.9896	-6.4639
358	0.50000	q	LinStatic	-9.602	7.198	-0.163	-0.9896	-6.3824
359	0.00000	q	LinStatic	-11.834	-2.370	-2.021	-1.2610	-6.3854
359	0.50000	q	LinStatic	-11.834	-2.370	-2.021	-1.2610	-5.3748
360	0.00000	q	LinStatic	-14.069	-11.956	-3.910	-1.5334	-5.3835
360	0.50000	q	LinStatic	-14.069	-11.956	-3.910	-1.5334	-3.4287
361	0.00000	q	LinStatic	-16.306	-21.610	-5.855	-1.8072	-3.4416
361	0.50000	q	LinStatic	-16.306	-21.610	-5.855	-1.8072	-0.5142
362	0.00000	q	LinStatic	-18.547	-31.378	-7.874	-2.0824	-0.5290
362	0.50000	q	LinStatic	-18.547	-31.378	-7.874	-2.0824	3.4079
363	0.00000	q	LinStatic	1.779	75.252	13.560	2.8711	19.9370
363	0.50000	q	LinStatic	1.779	75.252	13.560	2.8711	13.1572
364	0.00000	q	LinStatic	-0.465	65.317	11.448	2.5965	13.1598

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364	0.50000	q	LinStatic	-0.465	65.317	11.448	2.5965	7.4359
365	0.00000	q	LinStatic	-2.709	55.460	9.382	2.3241	7.4485
365	0.50000	q	LinStatic	-2.709	55.460	9.382	2.3241	2.7572
366	0.00000	q	LinStatic	-4.954	45.740	7.400	2.0537	2.7747
366	0.50000	q	LinStatic	-4.954	45.740	7.400	2.0537	-0.9251
367	0.00000	q	LinStatic	-7.200	36.184	5.512	1.7850	-0.9067
367	0.50000	q	LinStatic	-7.200	36.184	5.512	1.7850	-3.6627
368	0.00000	q	LinStatic	-9.447	26.793	3.715	1.5178	-3.6465
368	0.50000	q	LinStatic	-9.447	26.793	3.715	1.5178	-5.5040
369	0.00000	q	LinStatic	-11.696	17.543	1.990	1.2519	-5.4922
369	0.50000	q	LinStatic	-11.696	17.543	1.990	1.2519	-6.4874
370	0.00000	q	LinStatic	-13.948	8.397	0.312	0.9871	-6.4814
370	0.50000	q	LinStatic	-13.948	8.397	0.312	0.9871	-6.6372
371	0.00000	q	LinStatic	-16.202	-0.694	-1.353	0.7230	-6.6376
371	0.50000	q	LinStatic	-16.202	-0.694	-1.353	0.7230	-5.9610
372	0.00000	q	LinStatic	-18.459	-9.785	-3.036	0.4596	-5.9675
372	0.50000	q	LinStatic	-18.459	-9.785	-3.036	0.4596	-4.4495
373	0.00000	q	LinStatic	-20.721	-18.928	-4.766	0.1966	-4.4610
373	0.50000	q	LinStatic	-20.721	-18.928	-4.766	0.1966	-2.0779
374	0.00000	q	LinStatic	-22.986	-28.171	-6.565	-0.0663	-2.0926
374	0.50000	q	LinStatic	-22.986	-28.171	-6.565	-0.0663	1.1902
375	0.00000	q	LinStatic	-2.763	89.301	12.562	-4.4069	17.7017
375	0.50000	q	LinStatic	-2.763	89.301	12.562	-4.4069	11.4208
376	0.00000	q	LinStatic	-5.033	79.904	10.653	-4.6735	11.4197
376	0.50000	q	LinStatic	-5.033	79.904	10.653	-4.6735	6.0934
377	0.00000	q	LinStatic	-7.305	70.570	8.768	-4.9441	6.1009
377	0.50000	q	LinStatic	-7.305	70.570	8.768	-4.9441	1.7171
378	0.00000	q	LinStatic	-9.578	61.333	6.936	-5.2188	1.7283
378	0.50000	q	LinStatic	-9.578	61.333	6.936	-5.2188	-1.7397
379	0.00000	q	LinStatic	-11.853	52.183	5.166	-5.4980	-1.7285
379	0.50000	q	LinStatic	-11.853	52.183	5.166	-5.4980	-4.3114
380	0.00000	q	LinStatic	-14.131	43.073	3.448	-5.7818	-4.3031
380	0.50000	q	LinStatic	-14.131	43.073	3.448	-5.7818	-6.0271
381	0.00000	q	LinStatic	-16.411	33.926	1.762	-6.0704	-6.0238
381	0.50000	q	LinStatic	-16.411	33.926	1.762	-6.0704	-6.9049
382	0.00000	q	LinStatic	-18.694	24.637	0.078	-6.3642	-6.9078
382	0.50000	q	LinStatic	-18.694	24.637	0.078	-6.3642	-6.9470
383	0.00000	q	LinStatic	-20.982	15.082	-1.637	-6.6634	-6.9566
383	0.50000	q	LinStatic	-20.982	15.082	-1.637	-6.6634	-6.1381
384	0.00000	q	LinStatic	-23.273	5.121	-3.417	-6.9682	-6.1541
384	0.50000	q	LinStatic	-23.273	5.121	-3.417	-6.9682	-4.4454
385	0.00000	q	LinStatic	-25.569	-5.395	-5.293	-7.2788	-4.4665
385	0.50000	q	LinStatic	-25.569	-5.395	-5.293	-7.2788	-1.8198
386	0.00000	q	LinStatic	-27.871	-16.618	-7.286	-7.5956	-1.8439
386	0.50000	q	LinStatic	-27.871	-16.618	-7.286	-7.5956	1.7992
387	0.00000	q	LinStatic	-23.988	-6.297	-12.079	0.2897	-14.7571
387	0.50000	q	LinStatic	-23.988	-6.297	-12.079	0.2897	-8.7177
388	0.00000	q	LinStatic	-21.787	-12.147	-9.995	0.2891	-8.7312
388	0.50000	q	LinStatic	-21.787	-12.147	-9.995	0.2891	-3.7339
389	0.00000	q	LinStatic	-19.589	-17.560	-8.001	0.2887	-3.7534
389	0.50000	q	LinStatic	-19.589	-17.560	-8.001	0.2887	0.2470
390	0.00000	q	LinStatic	-17.396	-22.672	-6.115	0.2886	0.2258
390	0.50000	q	LinStatic	-17.396	-22.672	-6.115	0.2886	3.2834
391	0.00000	q	LinStatic	-15.207	-27.609	-4.336	0.2887	3.2639
391	0.50000	q	LinStatic	-15.207	-27.609	-4.336	0.2887	5.4321
392	0.00000	q	LinStatic	-13.020	-32.484	-2.648	0.2891	5.4168
392	0.50000	q	LinStatic	-13.020	-32.484	-2.648	0.2891	6.7409
393	0.00000	q	LinStatic	-10.836	-37.393	-1.024	0.2897	6.7314
393	0.50000	q	LinStatic	-10.836	-37.393	-1.024	0.2897	7.2434
394	0.00000	q	LinStatic	-8.654	-42.411	0.569	0.2905	7.2407
394	0.50000	q	LinStatic	-8.654	-42.411	0.569	0.2905	6.9563
395	0.00000	q	LinStatic	-6.474	-47.592	2.166	0.2916	6.9604
395	0.50000	q	LinStatic	-6.474	-47.592	2.166	0.2916	5.8776
396	0.00000	q	LinStatic	-4.295	-52.964	3.800	0.2929	5.8879
396	0.50000	q	LinStatic	-4.295	-52.964	3.800	0.2929	3.9878
397	0.00000	q	LinStatic	-2.117	-58.526	5.501	0.2945	4.0029
397	0.50000	q	LinStatic	-2.117	-58.526	5.501	0.2945	1.2523
398	0.00000	q	LinStatic	0.060	-64.247	7.289	0.2963	1.2699
398	0.50000	q	LinStatic	0.060	-64.247	7.289	0.2963	-2.3744
399	0.00000	q	LinStatic	-22.006	3.197	-12.037	-8.7682	-16.8432
399	0.50000	q	LinStatic	-22.006	3.197	-12.037	-8.7682	-10.8248
400	0.00000	q	LinStatic	-19.833	-2.644	-10.114	-8.7735	-10.8210
400	0.50000	q	LinStatic	-19.833	-2.644	-10.114	-8.7735	-5.7638
401	0.00000	q	LinStatic	-17.664	-8.568	-8.201	-8.7862	-5.7681
401	0.50000	q	LinStatic	-17.664	-8.568	-8.201	-8.7862	-1.6675
402	0.00000	q	LinStatic	-15.499	-14.629	-6.325	-8.8063	-1.6754
402	0.50000	q	LinStatic	-15.499	-14.629	-6.325	-8.8063	1.4869
403	0.00000	q	LinStatic	-13.336	-20.875	-4.493	-8.8339	1.4790
403	0.50000	q	LinStatic	-13.336	-20.875	-4.493	-8.8339	3.7252
404	0.00000	q	LinStatic	-11.176	-27.346	-2.697	-8.8689	3.7198
404	0.50000	q	LinStatic	-11.176	-27.346	-2.697	-8.8689	5.0685
405	0.00000	q	LinStatic	-9.019	-34.070	-0.921	-8.9114	5.0673
405	0.50000	q	LinStatic	-9.019	-34.070	-0.921	-8.9114	5.5278
406	0.00000	q	LinStatic	-6.863	-41.056	0.862	-8.9614	5.5317
406	0.50000	q	LinStatic	-6.863	-41.056	0.862	-8.9614	5.1009
407	0.00000	q	LinStatic	-4.709	-48.295	2.677	-9.0190	5.1100
407	0.50000	q	LinStatic	-4.709	-48.295	2.677	-9.0190	3.7714
408	0.00000	q	LinStatic	-2.556	-55.753	4.551	-9.0842	3.7847
408	0.50000	q	LinStatic	-2.556	-55.753	4.551	-9.0842	1.5092

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409	0.00000	q	LinStatic	-0.403	-63.367	6.501	-9.1571	1.5251
409	0.50000	q	LinStatic	-0.403	-63.367	6.501	-9.1571	-1.7256
410	0.00000	q	LinStatic	1.750	-71.040	8.536	-9.2376	-1.7098
410	0.50000	q	LinStatic	1.750	-71.040	8.536	-9.2376	-5.9779
411	0.00000	q	LinStatic	-13.266	20.767	-12.481	8.1195	-16.3241
411	0.50000	q	LinStatic	-13.266	20.767	-12.481	8.1195	-10.0837
412	0.00000	q	LinStatic	-11.115	13.375	-10.351	8.0379	-10.0843
412	0.50000	q	LinStatic	-11.115	13.375	-10.351	8.0379	-4.9089
413	0.00000	q	LinStatic	-8.967	6.161	-8.250	7.9632	-4.9168
413	0.50000	q	LinStatic	-8.967	6.161	-8.250	7.9632	-0.7917
414	0.00000	q	LinStatic	-6.821	-0.909	-6.203	7.8952	-0.8023
414	0.50000	q	LinStatic	-6.821	-0.909	-6.203	7.8952	2.2990
415	0.00000	q	LinStatic	-4.676	-7.873	-4.211	7.8338	2.2890
415	0.50000	q	LinStatic	-4.676	-7.873	-4.211	7.8338	4.3946
416	0.00000	q	LinStatic	-2.532	-14.770	-2.265	7.7791	4.3879
416	0.50000	q	LinStatic	-2.532	-14.770	-2.265	7.7791	5.5202
417	0.00000	q	LinStatic	-0.388	-21.633	-0.341	7.7309	5.5183
417	0.50000	q	LinStatic	-0.388	-21.633	-0.341	7.7309	5.6890
418	0.00000	q	LinStatic	1.755	-28.485	1.585	7.6892	5.6925
418	0.50000	q	LinStatic	1.755	-28.485	1.585	7.6892	4.8998
419	0.00000	q	LinStatic	3.899	-35.337	3.544	7.6540	4.9084
419	0.50000	q	LinStatic	3.899	-35.337	3.544	7.6540	3.1365
420	0.00000	q	LinStatic	6.044	-42.183	5.558	7.6253	3.1490
420	0.50000	q	LinStatic	6.044	-42.183	5.558	7.6253	0.3701
421	0.00000	q	LinStatic	8.190	-48.996	7.643	7.6030	0.3843
421	0.50000	q	LinStatic	8.190	-48.996	7.643	7.6030	-3.4370
422	0.00000	q	LinStatic	10.337	-55.722	9.801	7.5872	-3.4243
422	0.50000	q	LinStatic	10.337	-55.722	9.801	7.5872	-8.3246
423	0.00000	q	LinStatic	-1.824	11.435	-13.489	2.3463	-18.6924
423	0.50000	q	LinStatic	-1.824	11.435	-13.489	2.3463	-11.9477
424	0.00000	q	LinStatic	0.325	5.119	-11.287	2.3388	-11.9554
424	0.50000	q	LinStatic	0.325	5.119	-11.287	2.3388	-6.3121
425	0.00000	q	LinStatic	2.474	-1.009	-9.153	2.3333	-6.3287
425	0.50000	q	LinStatic	2.474	-1.009	-9.153	2.3333	-1.7520
426	0.00000	q	LinStatic	4.624	-7.002	-7.120	2.3297	-1.7725
426	0.50000	q	LinStatic	4.624	-7.002	-7.120	2.3297	1.7874
427	0.00000	q	LinStatic	6.775	-12.913	-5.194	2.3282	1.7670
427	0.50000	q	LinStatic	6.775	-12.913	-5.194	2.3282	4.3641
428	0.00000	q	LinStatic	8.927	-18.794	-3.368	2.3285	4.3466
428	0.50000	q	LinStatic	8.927	-18.794	-3.368	2.3285	6.0305
429	0.00000	q	LinStatic	11.081	-24.685	-1.619	2.3309	6.0180
429	0.50000	q	LinStatic	11.081	-24.685	-1.619	2.3309	6.8273
430	0.00000	q	LinStatic	13.237	-30.616	0.082	2.3352	6.8210
430	0.50000	q	LinStatic	13.237	-30.616	0.082	2.3352	6.7800
431	0.00000	q	LinStatic	15.396	-36.604	1.768	2.3415	6.7802
431	0.50000	q	LinStatic	15.396	-36.604	1.768	2.3415	5.8963
432	0.00000	q	LinStatic	17.558	-42.644	3.472	2.3497	5.9027
432	0.50000	q	LinStatic	17.558	-42.644	3.472	2.3497	4.1669
433	0.00000	q	LinStatic	19.723	-48.712	5.222	2.3600	4.1781
433	0.50000	q	LinStatic	19.723	-48.712	5.222	2.3600	1.5670
434	0.00000	q	LinStatic	21.892	-54.758	7.040	2.3722	1.5810
434	0.50000	q	LinStatic	21.892	-54.758	7.040	2.3722	-1.9392
435	0.00000	q	LinStatic	0.153	9.312	-12.265	0.1458	-17.6604
435	0.50000	q	LinStatic	0.153	9.312	-12.265	0.1458	-11.5280
436	0.00000	q	LinStatic	2.327	3.542	-10.347	0.1601	-11.5282
436	0.50000	q	LinStatic	2.327	3.542	-10.347	0.1601	-6.3546
437	0.00000	q	LinStatic	4.501	-2.105	-8.460	0.1746	-6.3634
437	0.50000	q	LinStatic	4.501	-2.105	-8.460	0.1746	-2.1332
438	0.00000	q	LinStatic	6.676	-7.679	-6.635	0.1893	-2.1462
438	0.50000	q	LinStatic	6.676	-7.679	-6.635	0.1893	1.1713
439	0.00000	q	LinStatic	8.853	-13.229	-4.881	0.2041	1.1578
439	0.50000	q	LinStatic	8.853	-13.229	-4.881	0.2041	3.5981
440	0.00000	q	LinStatic	11.031	-18.800	-3.191	0.2190	3.5870
440	0.50000	q	LinStatic	11.031	-18.800	-3.191	0.2190	5.1827
441	0.00000	q	LinStatic	13.212	-24.428	-1.550	0.2342	5.1758
441	0.50000	q	LinStatic	13.212	-24.428	-1.550	0.2342	5.9507
442	0.00000	q	LinStatic	15.395	-30.138	0.069	0.2495	5.9492
442	0.50000	q	LinStatic	15.395	-30.138	0.069	0.2495	5.9146
443	0.00000	q	LinStatic	17.581	-35.941	1.695	0.2651	5.9188
443	0.50000	q	LinStatic	17.581	-35.941	1.695	0.2651	5.0713
444	0.00000	q	LinStatic	19.771	-41.829	3.356	0.2809	5.0808
444	0.50000	q	LinStatic	19.771	-41.829	3.356	0.2809	3.4027
445	0.00000	q	LinStatic	21.964	-47.773	5.078	0.2969	3.4163
445	0.50000	q	LinStatic	21.964	-47.773	5.078	0.2969	0.8774
446	0.00000	q	LinStatic	24.163	-53.718	6.877	0.3132	0.8930
446	0.50000	q	LinStatic	24.163	-53.718	6.877	0.3132	-2.5453
447	0.00000	q	LinStatic	2.501	10.600	-12.379	-0.5485	-18.1075
447	0.50000	q	LinStatic	2.501	10.600	-12.379	-0.5485	-11.9182
448	0.00000	q	LinStatic	4.705	4.889	-10.470	-0.5324	-11.9178
448	0.50000	q	LinStatic	4.705	4.889	-10.470	-0.5324	-6.6829
449	0.00000	q	LinStatic	6.909	-0.717	-8.590	-0.5168	-6.6915
449	0.50000	q	LinStatic	6.909	-0.717	-8.590	-0.5168	-2.3967
450	0.00000	q	LinStatic	9.115	-6.267	-6.770	-0.5016	-2.4097
450	0.50000	q	LinStatic	9.115	-6.267	-6.770	-0.5016	0.9755
451	0.00000	q	LinStatic	11.323	-11.811	-5.023	-0.4868	0.9618
451	0.50000	q	LinStatic	11.323	-11.811	-5.023	-0.4868	3.4734
452	0.00000	q	LinStatic	13.533	-17.395	-3.343	-0.4725	3.4618
452	0.50000	q	LinStatic	13.533	-17.395	-3.343	-0.4725	5.1333
453	0.00000	q	LinStatic	15.745	-23.059	-1.713	-0.4585	5.1259



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453	0.50000	q	LinStatic	15.745	-23.059	-1.713	-0.4585	5.9821
454	0.00000	q	LinStatic	17.961	-28.830	-0.107	-0.4449	5.9801
454	0.50000	q	LinStatic	17.961	-28.830	-0.107	-0.4449	6.0337
455	0.00000	q	LinStatic	20.181	-34.723	1.502	-0.4317	6.0374
455	0.50000	q	LinStatic	20.181	-34.723	1.502	-0.4317	5.2862
456	0.00000	q	LinStatic	22.404	-40.735	3.146	-0.4189	5.2955
456	0.50000	q	LinStatic	22.404	-40.735	3.146	-0.4189	3.7226
457	0.00000	q	LinStatic	24.632	-46.842	4.848	-0.4064	3.7362
457	0.50000	q	LinStatic	24.632	-46.842	4.848	-0.4064	1.3121
458	0.00000	q	LinStatic	26.866	-52.997	6.629	-0.3943	1.3281
458	0.50000	q	LinStatic	26.866	-52.997	6.629	-0.3943	-1.9863
459	0.00000	q	LinStatic	5.390	9.306	-12.510	-0.4486	-17.6765
459	0.50000	q	LinStatic	5.390	9.306	-12.510	-0.4486	-11.4214
460	0.00000	q	LinStatic	7.629	3.273	-10.612	-0.4372	-11.4197
460	0.50000	q	LinStatic	7.629	3.273	-10.612	-0.4372	-6.1139
461	0.00000	q	LinStatic	9.870	-2.721	-8.734	-0.4261	-6.1207
461	0.50000	q	LinStatic	9.870	-2.721	-8.734	-0.4261	-1.7536
462	0.00000	q	LinStatic	12.113	-8.733	-6.907	-0.4154	-1.7642
462	0.50000	q	LinStatic	12.113	-8.733	-6.907	-0.4154	1.6894
463	0.00000	q	LinStatic	14.359	-14.814	-5.139	-0.4051	1.6787
463	0.50000	q	LinStatic	14.359	-14.814	-5.139	-0.4051	4.2481
464	0.00000	q	LinStatic	16.607	-21.015	-3.420	-0.3951	4.2403
464	0.50000	q	LinStatic	16.607	-21.015	-3.420	-0.3951	5.9504
465	0.00000	q	LinStatic	18.859	-27.374	-1.731	-0.3854	5.9475
465	0.50000	q	LinStatic	18.859	-27.374	-1.731	-0.3854	6.8131
466	0.00000	q	LinStatic	21.114	-33.919	-0.042	-0.3760	6.8164
466	0.50000	q	LinStatic	21.114	-33.919	-0.042	-0.3760	6.8376
467	0.00000	q	LinStatic	23.374	-40.660	1.679	-0.3670	6.8475
467	0.50000	q	LinStatic	23.374	-40.660	1.679	-0.3670	6.0078
468	0.00000	q	LinStatic	25.639	-47.588	3.467	-0.3583	6.0239
468	0.50000	q	LinStatic	25.639	-47.588	3.467	-0.3583	4.2902
469	0.00000	q	LinStatic	27.908	-54.669	5.351	-0.3499	4.3113
469	0.50000	q	LinStatic	27.908	-54.669	5.351	-0.3499	1.6358
470	0.00000	q	LinStatic	30.183	-61.841	7.351	-0.3418	1.6597
470	0.50000	q	LinStatic	30.183	-61.841	7.351	-0.3418	-2.0159

Table: Element Forces - Frames, Part 2 of 2

Frame Text	Station m	OutputCase Text	M3 KN-m	FrameElem Text	ElemStation m
4	0.00000	q	-135.0050	4-1	0.00000
4	0.26667	q	-123.1340	4-1	0.26667
7	0.00000	q	-108.7860	7-1	0.00000
7	0.26667	q	-134.3668	7-1	0.26667
9	0.00000	q	-128.0206	9-1	0.00000
9	0.26667	q	-138.2195	9-1	0.26667
11	0.00000	q	-130.2964	11-1	0.00000
11	0.26667	q	-136.9137	11-1	0.26667
13	0.00000	q	-127.4475	13-1	0.00000
13	0.26667	q	-133.8718	13-1	0.26667
15	0.00000	q	-126.6355	15-1	0.00000
15	0.26667	q	-133.2759	15-1	0.26667
17	0.00000	q	-127.3753	17-1	0.00000
17	0.26667	q	-134.2917	17-1	0.26667
19	0.00000	q	-124.7695	19-1	0.00000
19	0.26667	q	-132.6249	19-1	0.26667
21	0.00000	q	-134.0777	21-1	0.00000
21	0.26667	q	-139.1840	21-1	0.26667
23	0.00000	q	-140.1353	23-1	0.00000
23	0.26667	q	-148.5159	23-1	0.26667
29	0.00000	q	-112.4363	29-1	0.00000
29	0.37500	q	-127.4623	29-1	0.37500
30	0.00000	q	-127.1260	30-1	0.00000
30	0.37500	q	-136.6278	30-1	0.37500
31	0.00000	q	125.9808	31-1	0.00000
31	0.46667	q	87.4304	31-1	0.46667
32	0.00000	q	87.4202	32-1	0.00000
32	0.46667	q	51.6686	32-1	0.46667
33	0.00000	q	51.6741	33-1	0.00000
33	0.46667	q	18.7054	33-1	0.46667
34	0.00000	q	18.7188	34-1	0.00000
34	0.46667	q	-11.5068	34-1	0.46667
35	0.00000	q	-11.4926	35-1	0.00000
35	0.46667	q	-39.0230	35-1	0.46667
36	0.00000	q	-39.0144	36-1	0.00000
36	0.46667	q	-63.8906	36-1	0.46667
37	0.00000	q	-63.8936	37-1	0.00000
37	0.46667	q	-86.1360	37-1	0.46667
38	0.00000	q	-86.1559	38-1	0.00000
38	0.46667	q	-105.7526	38-1	0.46667
39	0.00000	q	-105.7941	39-1	0.00000
39	0.46667	q	-122.6896	39-1	0.46667
40	0.00000	q	-122.7569	40-1	0.00000
40	0.46667	q	-136.8426	40-1	0.46667
41	0.00000	q	-136.9391	41-1	0.00000
41	0.46667	q	-148.0449	41-1	0.46667
42	0.00000	q	-148.1735	42-1	0.00000

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42	0.46667	q	-156.0607	42-1	0.46667
43	0.00000	q	-156.2236	43-1	0.00000
43	0.46667	q	-160.5795	43-1	0.46667
44	0.00000	q	-160.7780	44-1	0.00000
44	0.46667	q	-161.2115	44-1	0.46667
45	0.00000	q	-161.4464	45-1	0.00000
45	0.46667	q	-157.4858	45-1	0.46667
46	0.00000	q	-157.7566	46-1	0.00000
46	0.46667	q	-148.8492	46-1	0.46667
47	0.00000	q	-149.1545	47-1	0.00000
47	0.46667	q	-134.6677	47-1	0.46667
48	0.00000	q	-136.3154	48-1	0.00000
48	0.37500	q	-140.7534	48-1	0.37500
49	0.00000	q	-140.4661	49-1	0.00000
49	0.37500	q	-140.2639	49-1	0.37500
50	0.00000	q	-140.0020	50-1	0.00000
50	0.37500	q	-135.5456	50-1	0.37500
51	0.00000	q	-135.3087	51-1	0.00000
51	0.37500	q	-126.9469	51-1	0.37500
52	0.00000	q	-126.7337	52-1	0.00000
52	0.37500	q	-114.7791	52-1	0.37500
53	0.00000	q	-114.5878	53-1	0.00000
53	0.37500	q	-99.3193	53-1	0.37500
54	0.00000	q	-99.1474	54-1	0.00000
54	0.37500	q	-80.8136	54-1	0.37500
55	0.00000	q	-80.6580	55-1	0.00000
55	0.37500	q	-59.4808	55-1	0.37500
56	0.00000	q	-59.3379	56-1	0.00000
56	0.37500	q	-35.5177	56-1	0.37500
57	0.00000	q	-35.3833	57-1	0.00000
57	0.37500	q	-9.1044	57-1	0.37500
58	0.00000	q	-8.9740	58-1	0.00000
58	0.37500	q	19.5896	58-1	0.37500
59	0.00000	q	19.7209	59-1	0.00000
59	0.37500	q	50.3982	59-1	0.37500
60	0.00000	q	50.5358	60-1	0.00000
60	0.37500	q	83.1516	60-1	0.37500
61	0.00000	q	83.3014	61-1	0.00000
61	0.37500	q	117.6683	61-1	0.37500
62	0.00000	q	-133.9286	62-1	0.00000
62	0.46667	q	-168.9569	62-1	0.46667
63	0.00000	q	-168.5529	63-1	0.00000
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64	0.00000	q	-194.4175	64-1	0.00000
64	0.46667	q	-212.6953	64-1	0.46667
65	0.00000	q	-212.3780	65-1	0.00000
65	0.46667	q	-223.4574	65-1	0.46667
66	0.00000	q	-223.1892	66-1	0.00000
66	0.46667	q	-227.7140	66-1	0.46667
67	0.00000	q	-227.4966	67-1	0.00000
67	0.46667	q	-225.9982	67-1	0.46667
68	0.00000	q	-225.8319	68-1	0.00000
68	0.46667	q	-218.7271	68-1	0.46667
69	0.00000	q	-218.6109	69-1	0.00000
69	0.46667	q	-206.2033	69-1	0.46667
70	0.00000	q	-206.1349	70-1	0.00000
70	0.46667	q	-188.6181	70-1	0.46667
71	0.00000	q	-188.5942	71-1	0.00000
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72	0.00000	q	-166.0745	72-1	0.00000
72	0.46667	q	-138.5152	72-1	0.46667
73	0.00000	q	-138.5656	73-1	0.00000
73	0.46667	q	-105.8944	73-1	0.46667
74	0.00000	q	-105.9723	74-1	0.00000
74	0.46667	q	-68.0305	74-1	0.46667
75	0.00000	q	-68.1280	75-1	0.00000
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76	0.00000	q	-24.8103	76-1	0.00000
76	0.46667	q	24.3481	76-1	0.46667
77	0.00000	q	24.2401	77-1	0.00000
77	0.46667	q	79.3952	77-1	0.46667
78	0.00000	q	79.2988	78-1	0.00000
78	0.46667	q	140.7052	78-1	0.46667
79	0.00000	q	-113.2616	79-1	0.00000
79	0.37500	q	-123.9246	79-1	0.37500
80	0.00000	q	-123.6968	80-1	0.00000
80	0.37500	q	-129.9271	80-1	0.37500
81	0.00000	q	-129.7222	81-1	0.00000
81	0.37500	q	-131.8269	81-1	0.37500
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82	0.37500	q	-129.8972	82-1	0.37500
83	0.00000	q	-129.7397	83-1	0.00000
83	0.37500	q	-124.3752	83-1	0.37500
84	0.00000	q	-124.2407	84-1	0.00000
84	0.37500	q	-115.4631	84-1	0.37500
85	0.00000	q	-115.3503	85-1	0.00000
85	0.37500	q	-103.3295	85-1	0.37500
86	0.00000	q	-137.9187	86-1	0.00000
86	0.46667	q	-150.1428	86-1	0.46667

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87	0.00000	q	-149.8744	87-1	0.00000
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88	0.46667	q	-159.6482	88-1	0.46667
89	0.00000	q	-159.4500	89-1	0.00000
89	0.46667	q	-158.2563	89-1	0.46667
90	0.00000	q	-158.0940	90-1	0.00000
90	0.46667	q	-153.3177	90-1	0.46667
91	0.00000	q	-153.1905	91-1	0.00000
91	0.46667	q	-145.1441	91-1	0.46667
92	0.00000	q	-145.0505	92-1	0.00000
92	0.46667	q	-133.9699	92-1	0.46667
93	0.00000	q	-133.9077	93-1	0.00000
93	0.46667	q	-119.9561	93-1	0.46667
94	0.00000	q	-119.9225	94-1	0.00000
94	0.46667	q	-103.1961	94-1	0.46667
95	0.00000	q	-103.1876	95-1	0.00000
95	0.46667	q	-83.7225	95-1	0.46667
96	0.00000	q	-83.7351	96-1	0.00000
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97	0.00000	q	-61.5444	97-1	0.00000
97	0.46667	q	-36.5121	97-1	0.46667
98	0.00000	q	-36.5521	98-1	0.00000
98	0.46667	q	-8.6175	98-1	0.46667
99	0.00000	q	-8.6626	99-1	0.00000
99	0.46667	q	22.2832	99-1	0.46667
100	0.00000	q	22.2396	100-1	0.00000
100	0.46667	q	56.3111	100-1	0.46667
101	0.00000	q	56.2764	101-1	0.00000
101	0.46667	q	93.5787	101-1	0.46667
102	0.00000	q	93.5609	102-1	0.00000
102	0.46667	q	134.1727	102-1	0.46667
103	0.00000	q	-103.2366	103-1	0.00000
103	0.37500	q	-88.1118	103-1	0.37500
104	0.00000	q	-88.0361	104-1	0.00000
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107	0.00000	q	-24.8854	107-1	0.00000
107	0.37500	q	1.7503	107-1	0.37500
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108	0.37500	q	31.1591	108-1	0.37500
109	0.00000	q	31.2039	109-1	0.00000
109	0.37500	q	63.2545	109-1	0.37500
110	0.00000	q	-136.6554	110-1	0.00000
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113	0.00000	q	-145.7138	113-1	0.00000
113	0.46667	q	-142.0927	113-1	0.46667
114	0.00000	q	-141.9639	114-1	0.00000
114	0.46667	q	-135.5090	114-1	0.46667
115	0.00000	q	-135.4115	115-1	0.00000
115	0.46667	q	-126.3654	115-1	0.46667
116	0.00000	q	-126.2974	116-1	0.00000
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117	0.00000	q	-114.7941	117-1	0.00000
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118	0.00000	q	-101.0107	118-1	0.00000
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123	0.00000	q	1.9362	123-1	0.00000
123	0.46667	q	29.8594	123-1	0.46667
124	0.00000	q	29.8185	124-1	0.00000
124	0.46667	q	60.4142	124-1	0.46667
125	0.00000	q	60.3834	125-1	0.00000
125	0.46667	q	93.7475	125-1	0.46667
126	0.00000	q	93.7341	126-1	0.00000
126	0.46667	q	129.9339	126-1	0.46667
127	0.00000	q	63.3078	127-1	0.00000
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128	0.00000	q	98.0555	128-1	0.00000
128	0.37500	q	135.2948	128-1	0.37500
129	0.00000	q	-82.2242	129-1	0.00000
129	0.50000	q	-70.9959	129-1	0.50000
130	0.00000	q	-71.1028	130-1	0.00000
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134	0.00000	q	-133.6186	134-1	0.00000
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135	0.00000	q	-140.1976	135-1	0.00000
135	0.46667	q	-143.0793	135-1	0.46667
136	0.00000	q	-142.8889	136-1	0.00000
136	0.46667	q	-142.3020	136-1	0.46667
137	0.00000	q	-142.1437	137-1	0.00000
137	0.46667	q	-138.4678	137-1	0.46667
138	0.00000	q	-138.3411	138-1	0.00000
138	0.46667	q	-131.8841	138-1	0.46667
139	0.00000	q	-131.7879	139-1	0.00000
139	0.46667	q	-122.7889	139-1	0.46667
140	0.00000	q	-122.7214	140-1	0.00000
140	0.46667	q	-111.3535	140-1	0.46667
141	0.00000	q	-111.3123	141-1	0.00000
141	0.46667	q	-97.6874	141-1	0.46667
142	0.00000	q	-97.6698	142-1	0.00000
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143	0.00000	q	-81.8465	143-1	0.00000
143	0.46667	q	-63.8268	143-1	0.46667
144	0.00000	q	-63.8458	144-1	0.00000
144	0.46667	q	-43.5985	144-1	0.46667
145	0.00000	q	-43.6296	145-1	0.00000
145	0.46667	q	-21.0883	145-1	0.46667
146	0.00000	q	-21.1267	146-1	0.00000
146	0.46667	q	3.7974	146-1	0.46667
147	0.00000	q	3.7570	147-1	0.00000
147	0.46667	q	31.1641	147-1	0.46667
148	0.00000	q	31.1277	148-1	0.00000
148	0.46667	q	61.1172	148-1	0.46667
149	0.00000	q	61.0912	149-1	0.00000
149	0.46667	q	93.7485	149-1	0.46667
150	0.00000	q	93.7399	150-1	0.00000
150	0.46667	q	129.1218	150-1	0.46667
151	0.00000	q	16.9002	151-1	0.00000
151	0.50000	q	51.6334	151-1	0.50000
152	0.00000	q	51.5031	152-1	0.00000
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153	0.00000	q	91.8803	153-1	0.00000
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154	0.00000	q	-5.3099	154-1	0.00000
154	0.50000	q	-11.1515	154-1	0.50000
155	0.00000	q	-11.2388	155-1	0.00000
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156	0.00000	q	-10.5944	156-1	0.00000
156	0.50000	q	-3.0625	156-1	0.50000
157	0.00000	q	-3.1540	157-1	0.00000
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158	0.00000	q	-133.0214	158-1	0.00000
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159	0.46667	q	-143.1126	159-1	0.46667
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160	0.46667	q	-142.5945	160-1	0.46667
161	0.00000	q	-142.4348	161-1	0.00000
161	0.46667	q	-138.9869	161-1	0.46667
162	0.00000	q	-138.8589	162-1	0.00000
162	0.46667	q	-132.6006	162-1	0.46667
163	0.00000	q	-132.5032	163-1	0.00000
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164	0.46667	q	-112.3883	164-1	0.46667
165	0.00000	q	-112.3463	165-1	0.00000
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166	0.00000	q	-98.8295	166-1	0.00000
166	0.46667	q	-83.1096	166-1	0.46667
167	0.00000	q	-83.1119	167-1	0.00000
167	0.46667	q	-65.1788	167-1	0.46667
168	0.00000	q	-65.1978	168-1	0.00000
168	0.46667	q	-45.0181	168-1	0.46667
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169	0.46667	q	-22.5563	169-1	0.46667
170	0.00000	q	-22.5953	170-1	0.00000
170	0.46667	q	2.3010	170-1	0.46667
171	0.00000	q	2.2597	171-1	0.00000
171	0.46667	q	29.6612	171-1	0.46667
172	0.00000	q	29.6235	172-1	0.00000
172	0.46667	q	59.6321	172-1	0.46667
173	0.00000	q	59.6045	173-1	0.00000
173	0.46667	q	92.3089	173-1	0.46667
174	0.00000	q	92.2984	174-1	0.00000
174	0.46667	q	127.7593	174-1	0.46667
175	0.00000	q	11.3163	175-1	0.00000
175	0.50000	q	33.1428	175-1	0.50000

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178	0.00000	q	99.2966	178-1	0.00000
178	0.50000	q	144.2365	178-1	0.50000
179	0.00000	q	114.9535	179-1	0.00000
179	0.50000	q	89.8342	179-1	0.50000
180	0.00000	q	89.7377	180-1	0.00000
180	0.50000	q	66.9326	180-1	0.50000
181	0.00000	q	66.8550	181-1	0.00000
181	0.50000	q	46.5674	181-1	0.50000
182	0.00000	q	-134.0375	182-1	0.00000
182	0.46667	q	-141.6943	182-1	0.46667
183	0.00000	q	-141.4711	183-1	0.00000
183	0.46667	q	-145.2052	183-1	0.46667
184	0.00000	q	-145.0143	184-1	0.00000
184	0.46667	q	-145.2786	184-1	0.46667
185	0.00000	q	-145.1204	185-1	0.00000
185	0.46667	q	-142.2951	185-1	0.46667
186	0.00000	q	-142.1693	186-1	0.00000
186	0.46667	q	-136.5619	186-1	0.46667
187	0.00000	q	-136.4676	187-1	0.00000
187	0.46667	q	-128.3147	187-1	0.46667
188	0.00000	q	-128.2501	188-1	0.00000
188	0.46667	q	-117.7200	188-1	0.46667
189	0.00000	q	-117.6831	189-1	0.00000
189	0.46667	q	-104.8801	189-1	0.46667
190	0.00000	q	-104.8683	190-1	0.00000
190	0.46667	q	-89.8378	190-1	0.46667
191	0.00000	q	-89.8479	191-1	0.00000
191	0.46667	q	-72.5830	191-1	0.46667
192	0.00000	q	-72.6115	192-1	0.00000
192	0.46667	q	-53.0600	192-1	0.46667
193	0.00000	q	-53.1026	193-1	0.00000
193	0.46667	q	-31.1759	193-1	0.46667
194	0.00000	q	-31.2280	194-1	0.00000
194	0.46667	q	-6.8101	194-1	0.46667
195	0.00000	q	-6.8665	195-1	0.00000
195	0.46667	q	20.1749	195-1	0.46667
196	0.00000	q	20.1200	196-1	0.00000
196	0.46667	q	49.9218	196-1	0.46667
197	0.00000	q	49.8748	197-1	0.00000
197	0.46667	q	82.5653	197-1	0.46667
198	0.00000	q	82.5332	198-1	0.00000
198	0.46667	q	118.2176	198-1	0.46667
199	0.00000	q	46.5035	199-1	0.00000
199	0.50000	q	28.8974	199-1	0.50000
200	0.00000	q	28.8426	200-1	0.00000
200	0.50000	q	14.0052	200-1	0.50000
201	0.00000	q	14.0056	201-1	0.00000
201	0.50000	q	2.1581	201-1	0.50000
202	0.00000	q	2.1105	202-1	0.00000
202	0.50000	q	-6.6830	202-1	0.50000
203	0.00000	q	-6.7312	203-1	0.00000
203	0.50000	q	-12.3565	203-1	0.50000
204	0.00000	q	104.1677	204-1	0.00000
204	0.50000	q	78.4829	204-1	0.50000
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205	0.50000	q	56.1403	205-1	0.50000
206	0.00000	q	-132.3644	206-1	0.00000
206	0.46667	q	-141.8244	206-1	0.46667
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217	0.00000	q	-82.5102	217-1	0.00000
217	0.46667	q	-64.5708	217-1	0.46667
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218	0.46667	q	-44.2986	218-1	0.46667
219	0.00000	q	-44.3928	219-1	0.00000
219	0.46667	q	-21.4198	219-1	0.46667
220	0.00000	q	-21.5215	220-1	0.00000

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226	0.50000	q	0.9120	226-1	0.50000
227	0.00000	q	0.9232	227-1	0.00000
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228	0.50000	q	-6.5511	228-1	0.50000
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233	0.00000	q	-142.7937	233-1	0.00000
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238	0.00000	q	-96.6820	238-1	0.00000
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246	0.00000	q	86.9859	246-1	0.00000
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**Ponte sullo Stretto di Messina**  
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360	0.50000	q	-32.9247	360-1	0.50000
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366	0.00000	q	26.2315	366-1	0.00000
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368	0.00000	q	-14.6739	368-1	0.00000
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371	0.50000	q	-40.6507	371-1	0.50000
372	0.00000	q	-40.6554	372-1	0.00000
372	0.50000	q	-35.7629	372-1	0.50000
373	0.00000	q	-35.7768	373-1	0.00000
373	0.50000	q	-26.3128	373-1	0.50000
374	0.00000	q	-26.3342	374-1	0.00000
374	0.50000	q	-12.2486	374-1	0.50000
375	0.00000	q	115.6214	375-1	0.00000
375	0.50000	q	70.9710	375-1	0.50000
376	0.00000	q	70.9675	376-1	0.00000
376	0.50000	q	31.0156	376-1	0.50000
377	0.00000	q	31.0244	377-1	0.00000
377	0.50000	q	-4.2607	377-1	0.50000
378	0.00000	q	-4.2487	378-1	0.00000
378	0.50000	q	-34.9154	378-1	0.50000
379	0.00000	q	-34.9081	379-1	0.00000
379	0.50000	q	-60.9997	379-1	0.50000
380	0.00000	q	-61.0039	380-1	0.00000
380	0.50000	q	-82.5407	380-1	0.50000
381	0.00000	q	-82.5623	381-1	0.00000
381	0.50000	q	-99.5254	381-1	0.50000
382	0.00000	q	-99.5690	382-1	0.00000
382	0.50000	q	-111.8876	382-1	0.50000
383	0.00000	q	-111.9567	383-1	0.00000
383	0.50000	q	-119.4979	383-1	0.50000
384	0.00000	q	-119.5949	384-1	0.00000
384	0.50000	q	-122.1556	384-1	0.50000
385	0.00000	q	-122.2818	385-1	0.00000
385	0.50000	q	-119.5845	385-1	0.50000
386	0.00000	q	-119.7399	386-1	0.00000
386	0.50000	q	-111.4310	386-1	0.50000
387	0.00000	q	-120.7008	387-1	0.00000
387	0.50000	q	-117.5524	387-1	0.50000
388	0.00000	q	-117.4496	388-1	0.00000
388	0.50000	q	-111.3760	388-1	0.50000
389	0.00000	q	-111.3008	389-1	0.00000
389	0.50000	q	-102.5209	389-1	0.50000
390	0.00000	q	-102.4714	390-1	0.00000
390	0.50000	q	-91.1355	390-1	0.50000
391	0.00000	q	-91.1094	391-1	0.00000
391	0.50000	q	-77.3048	391-1	0.50000
392	0.00000	q	-77.2991	392-1	0.00000
392	0.50000	q	-61.0569	392-1	0.50000
393	0.00000	q	-61.0678	393-1	0.00000
393	0.50000	q	-42.3714	393-1	0.50000
394	0.00000	q	-42.3948	394-1	0.00000
394	0.50000	q	-21.1894	394-1	0.50000
395	0.00000	q	-21.2205	395-1	0.00000
395	0.50000	q	2.5754	395-1	0.50000
396	0.00000	q	2.5420	396-1	0.00000
396	0.50000	q	29.0239	396-1	0.50000
397	0.00000	q	28.9944	397-1	0.00000
397	0.50000	q	58.2576	397-1	0.50000
398	0.00000	q	58.2386	398-1	0.00000
398	0.50000	q	90.3622	398-1	0.50000
399	0.00000	q	-41.5293	399-1	0.00000
399	0.50000	q	-43.1277	399-1	0.50000
400	0.00000	q	-43.1389	400-1	0.00000
400	0.50000	q	-41.8171	400-1	0.50000
401	0.00000	q	-41.8387	401-1	0.00000
401	0.50000	q	-37.5549	401-1	0.50000
402	0.00000	q	-37.5860	402-1	0.00000
402	0.50000	q	-30.2716	402-1	0.50000
403	0.00000	q	-30.3109	403-1	0.00000
403	0.50000	q	-19.8734	403-1	0.50000
404	0.00000	q	-19.9187	404-1	0.00000
404	0.50000	q	-6.2455	404-1	0.50000
405	0.00000	q	-6.2941	405-1	0.00000
405	0.50000	q	10.7407	405-1	0.50000
406	0.00000	q	10.6928	406-1	0.00000

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406	0.50000	q	31.2206	406-1	0.50000
407	0.00000	q	31.1776	407-1	0.00000
407	0.50000	q	55.3250	407-1	0.50000
408	0.00000	q	55.2925	408-1	0.00000
408	0.50000	q	83.1689	408-1	0.50000
409	0.00000	q	83.1531	409-1	0.00000
409	0.50000	q	114.8365	409-1	0.50000
410	0.00000	q	114.8446	410-1	0.00000
410	0.50000	q	150.3645	410-1	0.50000
411	0.00000	q	-8.9104	411-1	0.00000
411	0.50000	q	-19.2938	411-1	0.50000
412	0.00000	q	-19.2571	412-1	0.00000
412	0.50000	q	-25.9444	412-1	0.50000
413	0.00000	q	-25.9132	413-1	0.00000
413	0.50000	q	-28.9938	413-1	0.50000
414	0.00000	q	-28.9692	414-1	0.00000
414	0.50000	q	-28.5149	414-1	0.50000
415	0.00000	q	-28.4972	415-1	0.00000
415	0.50000	q	-24.5606	415-1	0.50000
416	0.00000	q	-24.5493	416-1	0.00000
416	0.50000	q	-17.1642	416-1	0.50000
417	0.00000	q	-17.1579	417-1	0.00000
417	0.50000	q	-6.3416	417-1	0.50000
418	0.00000	q	-6.3382	418-1	0.00000
418	0.50000	q	7.9041	418-1	0.50000
419	0.00000	q	7.9077	419-1	0.00000
419	0.50000	q	25.5761	419-1	0.50000
420	0.00000	q	25.5837	420-1	0.00000
420	0.50000	q	46.6752	420-1	0.50000
421	0.00000	q	46.6916	421-1	0.00000
421	0.50000	q	71.1895	421-1	0.50000
422	0.00000	q	71.2201	422-1	0.00000
422	0.50000	q	99.0810	422-1	0.50000
423	0.00000	q	-34.4572	423-1	0.00000
423	0.50000	q	-40.1746	423-1	0.50000
424	0.00000	q	-40.1325	424-1	0.00000
424	0.50000	q	-42.6918	424-1	0.50000
425	0.00000	q	-42.6596	425-1	0.00000
425	0.50000	q	-42.1552	425-1	0.50000
426	0.00000	q	-42.1333	426-1	0.00000
426	0.50000	q	-38.6326	426-1	0.50000
427	0.00000	q	-38.6204	427-1	0.00000
427	0.50000	q	-32.1637	427-1	0.50000
428	0.00000	q	-32.1601	428-1	0.00000
428	0.50000	q	-22.7630	428-1	0.50000
429	0.00000	q	-22.7660	429-1	0.00000
429	0.50000	q	-10.4236	429-1	0.50000
430	0.00000	q	-10.4306	430-1	0.00000
430	0.50000	q	4.8776	430-1	0.50000
431	0.00000	q	4.8699	431-1	0.00000
431	0.50000	q	23.1717	431-1	0.50000
432	0.00000	q	23.1674	432-1	0.00000
432	0.50000	q	44.4895	432-1	0.50000
433	0.00000	q	44.4934	433-1	0.00000
433	0.50000	q	68.8496	433-1	0.50000
434	0.00000	q	68.8671	434-1	0.00000
434	0.50000	q	96.2460	434-1	0.50000
435	0.00000	q	-33.1695	435-1	0.00000
435	0.50000	q	-37.8256	435-1	0.50000
436	0.00000	q	-37.7967	436-1	0.00000
436	0.50000	q	-39.5676	436-1	0.50000
437	0.00000	q	-39.5481	437-1	0.00000
437	0.50000	q	-38.4955	437-1	0.50000
438	0.00000	q	-38.4853	438-1	0.00000
438	0.50000	q	-34.6457	438-1	0.50000
439	0.00000	q	-34.6444	439-1	0.00000
439	0.50000	q	-28.0298	439-1	0.50000
440	0.00000	q	-28.0360	440-1	0.00000
440	0.50000	q	-18.6360	440-1	0.50000
441	0.00000	q	-18.6479	441-1	0.00000
441	0.50000	q	-6.4340	441-1	0.50000
442	0.00000	q	-6.4489	442-1	0.00000
442	0.50000	q	8.6201	442-1	0.50000
443	0.00000	q	8.6055	443-1	0.00000
443	0.50000	q	26.5759	443-1	0.50000
444	0.00000	q	26.5655	444-1	0.00000
444	0.50000	q	47.4799	444-1	0.50000
445	0.00000	q	47.4785	445-1	0.00000
445	0.50000	q	71.3650	445-1	0.50000
446	0.00000	q	71.3779	446-1	0.00000
446	0.50000	q	98.2371	446-1	0.50000
447	0.00000	q	-31.6267	447-1	0.00000
447	0.50000	q	-36.9265	447-1	0.50000
448	0.00000	q	-36.9014	448-1	0.00000
448	0.50000	q	-39.3458	448-1	0.50000
449	0.00000	q	-39.3299	449-1	0.00000
449	0.50000	q	-38.9717	449-1	0.50000
450	0.00000	q	-38.9652	450-1	0.00000
450	0.50000	q	-35.8320	450-1	0.50000

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451	0.00000	q	-35.8345	451-1	0.00000
451	0.50000	q	-29.9291	451-1	0.50000
452	0.00000	q	-29.9397	452-1	0.00000
452	0.50000	q	-21.2420	452-1	0.50000
453	0.00000	q	-21.2587	453-1	0.00000
453	0.50000	q	-9.7292	453-1	0.50000
454	0.00000	q	-9.7496	454-1	0.00000
454	0.50000	q	4.6653	454-1	0.50000
455	0.00000	q	4.6443	455-1	0.00000
455	0.50000	q	22.0057	455-1	0.50000
456	0.00000	q	21.9878	456-1	0.00000
456	0.50000	q	42.3553	456-1	0.50000
457	0.00000	q	42.3452	457-1	0.00000
457	0.50000	q	65.7663	457-1	0.50000
458	0.00000	q	65.7693	458-1	0.00000
458	0.50000	q	92.2678	458-1	0.50000
459	0.00000	q	-37.2429	459-1	0.00000
459	0.50000	q	-41.8961	459-1	0.50000
460	0.00000	q	-41.8836	460-1	0.00000
460	0.50000	q	-43.5201	460-1	0.50000
461	0.00000	q	-43.5179	461-1	0.00000
461	0.50000	q	-42.1572	461-1	0.50000
462	0.00000	q	-42.1654	462-1	0.00000
462	0.50000	q	-37.7990	462-1	0.50000
463	0.00000	q	-37.8169	463-1	0.00000
463	0.50000	q	-30.4097	463-1	0.50000
464	0.00000	q	-30.4358	464-1	0.00000
464	0.50000	q	-19.9284	464-1	0.50000
465	0.00000	q	-19.9605	465-1	0.00000
465	0.50000	q	-6.2736	465-1	0.50000
466	0.00000	q	-6.3089	466-1	0.00000
466	0.50000	q	10.6505	466-1	0.50000
467	0.00000	q	10.6157	467-1	0.00000
467	0.50000	q	30.9458	467-1	0.50000
468	0.00000	q	30.9161	468-1	0.00000
468	0.50000	q	54.7103	468-1	0.50000
469	0.00000	q	54.6909	469-1	0.00000
469	0.50000	q	82.0256	469-1	0.50000
470	0.00000	q	82.0227	470-1	0.00000
470	0.50000	q	112.9431	470-1	0.50000

Table: Element Joint Forces - Frames, Part 1 of 2

Frame Text	Joint Text	OutputCase Text	CaseType Text	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
4	37	q	LinStatic	-17.800	-16.139	44.516	5.4198	-135.0050
4	20	q	LinStatic	17.800	16.139	-44.516	-5.4198	123.1340
7	11	q	LinStatic	30.734	11.775	-95.928	8.2818	108.7860
7	50	q	LinStatic	-30.734	-11.775	95.928	-8.2818	-134.3668
9	19	q	LinStatic	21.793	16.325	-38.246	-3.8681	128.0206
9	73	q	LinStatic	-21.793	-16.325	38.246	3.8681	-138.2195
11	18	q	LinStatic	15.534	14.189	-24.815	-0.1356	130.2964
11	96	q	LinStatic	-15.534	-14.189	24.815	0.1356	-136.9137
13	17	q	LinStatic	15.934	14.181	-24.091	0.4734	127.4475
13	119	q	LinStatic	-15.934	-14.181	24.091	-0.4734	-133.8718
15	16	q	LinStatic	16.217	13.944	-24.901	0.0473	126.6355
15	142	q	LinStatic	-16.217	-13.944	24.901	-0.0473	-133.2759
17	15	q	LinStatic	12.141	13.960	-25.937	-1.1258	127.3753
17	165	q	LinStatic	-12.141	-13.960	25.937	1.1258	-134.2917
19	14	q	LinStatic	13.471	14.429	-29.458	-0.7038	124.7695
19	188	q	LinStatic	-13.471	-14.429	29.458	0.7038	-132.6249
21	13	q	LinStatic	15.994	14.507	-19.149	2.1039	134.0777
21	211	q	LinStatic	-15.994	-14.507	19.149	-2.1039	-139.1840
23	12	q	LinStatic	14.268	13.505	-31.427	5.1514	140.1353
23	234	q	LinStatic	-14.268	-13.505	31.427	-5.1514	-148.5159
29	433	q	LinStatic	16.550	17.961	-40.069	112.4363	-14.2118
29	437	q	LinStatic	-16.550	-17.961	40.069	-127.4623	14.2118
30	437	q	LinStatic	14.427	14.886	-25.338	127.1260	-14.1961
30	438	q	LinStatic	-14.427	-14.886	25.338	-136.6278	14.1961
31	1	q	LinStatic	30.684	10.752	-82.608	6.2837	125.9808
31	21	q	LinStatic	-30.684	-10.752	82.608	-6.2837	-87.4304
32	21	q	LinStatic	27.812	8.659	-76.611	6.1959	87.4202
32	22	q	LinStatic	-27.812	-8.659	76.611	-6.1959	-51.6686
33	22	q	LinStatic	24.944	6.785	-70.647	6.1130	51.6741
33	23	q	LinStatic	-24.944	-6.785	70.647	-6.1130	-18.7054
34	23	q	LinStatic	22.082	5.121	-64.769	6.0350	18.7188
34	24	q	LinStatic	-22.082	-5.121	64.769	-6.0350	-11.5068
35	24	q	LinStatic	19.224	3.644	-58.994	5.9617	-11.4926
35	25	q	LinStatic	-19.224	-3.644	58.994	-5.9617	39.0230
36	25	q	LinStatic	16.369	2.320	-53.306	5.8930	-39.0144
36	26	q	LinStatic	-16.369	-2.320	53.306	-5.8930	63.8906
37	26	q	LinStatic	13.517	1.108	-47.662	5.8291	-63.8936
37	27	q	LinStatic	-13.517	-1.108	47.662	-5.8291	86.1360
38	27	q	LinStatic	10.668	-0.035	-41.993	5.7697	-86.1559
38	28	q	LinStatic	-10.668	0.035	41.993	-5.7697	105.7526
39	28	q	LinStatic	7.821	-1.157	-36.205	5.7148	-105.7941
39	29	q	LinStatic	-7.821	1.157	36.205	-5.7148	122.6896

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40	29	q	LinStatic	4.976	-2.304	-30.184	5.6645	-122.7569
40	30	q	LinStatic	-4.976	2.304	30.184	-5.6645	136.8426
41	30	q	LinStatic	2.131	-3.521	-23.798	5.6186	-136.9391
41	31	q	LinStatic	-2.131	3.521	23.798	-5.6186	148.0449
42	31	q	LinStatic	-0.713	-4.847	-16.901	5.5772	-148.1735
42	32	q	LinStatic	0.713	4.847	16.901	-5.5772	156.0607
43	32	q	LinStatic	-3.558	-6.316	-9.334	5.5401	-156.2236
43	33	q	LinStatic	3.558	6.316	9.334	-5.5401	160.5795
44	33	q	LinStatic	-6.403	-7.952	-0.929	5.5074	-160.7780
44	34	q	LinStatic	6.403	7.952	0.929	-5.5074	161.2115
45	34	q	LinStatic	-9.249	-9.766	8.487	5.4790	-161.4464
45	35	q	LinStatic	9.249	9.766	-8.487	-5.4790	157.4858
46	35	q	LinStatic	-12.097	-11.754	19.087	5.4550	-157.7566
46	36	q	LinStatic	12.097	11.754	-19.087	-5.4550	148.8492
47	36	q	LinStatic	-14.947	-13.894	31.043	5.4352	-149.1545
47	37	q	LinStatic	14.947	13.894	-31.043	-5.4352	134.6677
48	438	q	LinStatic	12.368	11.813	-11.835	136.3154	-14.1894
48	439	q	LinStatic	-12.368	-11.813	11.835	-140.7534	14.1894
49	439	q	LinStatic	10.395	8.741	0.539	140.4661	-14.1916
49	440	q	LinStatic	-10.395	-8.741	-0.539	-140.2639	14.1916
50	440	q	LinStatic	8.512	5.672	11.884	140.0020	-14.2028
50	441	q	LinStatic	-8.512	-5.672	-11.884	-135.5456	14.2028
51	441	q	LinStatic	6.718	2.603	22.298	135.3087	-14.2231
51	442	q	LinStatic	-6.718	-2.603	-22.298	-126.9469	14.2231
52	442	q	LinStatic	5.000	-0.466	31.879	126.7337	-14.2523
52	443	q	LinStatic	-5.000	0.466	-31.879	-114.7791	14.2523
53	443	q	LinStatic	3.339	-3.535	40.716	114.5878	-14.2905
53	444	q	LinStatic	-3.339	3.535	-40.716	-99.3193	14.2905
54	444	q	LinStatic	1.712	-6.604	48.890	99.1474	-14.3378
54	445	q	LinStatic	-1.712	6.604	-48.890	-80.8136	14.3378
55	445	q	LinStatic	0.090	-9.674	56.472	80.6580	-14.3942
55	446	q	LinStatic	-0.090	9.674	-56.472	-59.4808	14.3942
56	446	q	LinStatic	-1.554	-12.746	63.520	59.3379	-14.4597
56	447	q	LinStatic	1.554	12.746	-63.520	-35.5177	14.4597
57	447	q	LinStatic	-3.249	-15.819	70.077	35.3833	-14.5343
57	448	q	LinStatic	3.249	15.819	-70.077	-9.1044	14.5343
58	448	q	LinStatic	-5.024	-18.895	76.170	8.9740	-14.6181
58	449	q	LinStatic	5.024	18.895	-76.170	19.5896	14.6181
59	449	q	LinStatic	-6.903	-21.974	81.806	-19.7209	-14.7112
59	450	q	LinStatic	6.903	21.974	-81.806	50.3982	14.7112
60	450	q	LinStatic	-8.904	-25.056	86.975	-50.5358	-14.8135
60	451	q	LinStatic	8.904	25.056	-86.975	83.1516	14.8135
61	451	q	LinStatic	-11.040	-28.142	91.645	-83.3014	-14.9253
61	434	q	LinStatic	11.040	28.142	-91.645	117.6683	14.9253
62	50	q	LinStatic	27.852	9.566	-75.061	7.9159	133.9286
62	51	q	LinStatic	-27.852	-9.566	75.061	-7.9159	-168.9569
63	51	q	LinStatic	24.975	7.580	-56.202	7.5563	168.5529
63	52	q	LinStatic	-24.975	-7.580	56.202	-7.5563	-194.7806
64	52	q	LinStatic	22.102	5.813	-39.167	7.2026	194.4175
64	53	q	LinStatic	-22.102	-5.813	39.167	-7.2026	-212.6953
65	53	q	LinStatic	19.234	4.247	-23.741	6.8545	212.3780
65	54	q	LinStatic	-19.234	-4.247	23.741	-6.8545	-223.4574
66	54	q	LinStatic	16.369	2.853	-9.696	6.5119	223.1892
66	55	q	LinStatic	-16.369	-2.853	9.696	-6.5119	-227.7140
67	55	q	LinStatic	13.508	1.593	3.211	6.1744	227.4966
67	56	q	LinStatic	-13.508	-1.593	-3.211	-6.1744	-225.9982
68	56	q	LinStatic	10.649	0.424	15.225	5.8417	225.8319
68	57	q	LinStatic	-10.649	-0.424	-15.225	-5.8417	-218.7271
69	57	q	LinStatic	7.792	-0.700	26.588	5.5137	218.6109
69	58	q	LinStatic	-7.792	0.700	-26.588	-5.5137	-206.2033
70	58	q	LinStatic	4.936	-1.825	37.536	5.1900	206.1349
70	59	q	LinStatic	-4.936	1.825	-37.536	-5.1900	-188.6181
71	59	q	LinStatic	2.082	-2.997	48.291	4.8704	188.5942
71	60	q	LinStatic	-2.082	2.997	-48.291	-4.8704	-166.0585
72	60	q	LinStatic	-0.772	-4.258	59.056	4.5546	166.0745
72	61	q	LinStatic	0.772	4.258	-59.056	-4.5546	-138.5152
73	61	q	LinStatic	-3.627	-5.644	70.010	4.2424	138.5656
73	62	q	LinStatic	3.627	5.644	-70.010	-4.2424	-105.8944
74	62	q	LinStatic	-6.482	-7.183	81.304	3.9335	105.9723
74	63	q	LinStatic	6.482	7.183	-81.304	-3.9335	-68.0305
75	63	q	LinStatic	-9.338	-8.891	93.055	3.6278	68.1280
75	64	q	LinStatic	9.338	8.891	-93.055	-3.6278	-24.7023
76	64	q	LinStatic	-12.196	-10.772	105.340	3.3249	24.8103
76	65	q	LinStatic	12.196	10.772	-105.340	-3.3249	24.3481
77	65	q	LinStatic	-15.056	-12.811	118.189	3.0246	-24.2401
77	66	q	LinStatic	15.056	12.811	-118.189	-3.0246	79.3952
78	66	q	LinStatic	-17.920	-14.974	131.585	2.7267	-79.2988
78	10	q	LinStatic	17.920	14.974	-131.585	-2.7267	140.7052
79	435	q	LinStatic	15.082	21.909	-28.435	113.2616	-13.6821
79	452	q	LinStatic	-15.082	-21.909	28.435	-123.9246	13.6821
80	452	q	LinStatic	12.979	19.433	-16.614	123.6968	-13.6055
80	453	q	LinStatic	-12.979	-19.433	16.614	-129.9271	13.6055
81	453	q	LinStatic	10.937	16.959	-5.613	129.7222	-13.5376
81	454	q	LinStatic	-10.937	-16.959	5.613	-131.8269	13.5376
82	454	q	LinStatic	8.968	14.489	4.663	131.6458	-13.4782
82	455	q	LinStatic	-8.968	-14.489	-4.663	-129.8972	13.4782
83	455	q	LinStatic	7.075	12.020	14.305	129.7397	-13.4273
83	456	q	LinStatic	-7.075	-12.020	-14.305	-124.3752	13.4273
84	456	q	LinStatic	5.252	9.554	23.407	124.2407	-13.3850

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84	457	q	LinStatic	-5.252	-9.554	-23.407	-115.4631	13.3850
85	457	q	LinStatic	3.485	7.088	32.055	115.3503	-13.3511
85	458	q	LinStatic	-3.485	-7.088	-32.055	-103.3295	13.3511
86	73	q	LinStatic	19.659	14.082	-26.194	-3.8386	137.9187
86	74	q	LinStatic	-19.659	-14.082	26.194	3.8386	-150.1428
87	74	q	LinStatic	17.529	11.921	-15.486	-3.8121	149.8744
87	75	q	LinStatic	-17.529	-11.921	15.486	3.8121	-157.1013
88	75	q	LinStatic	15.402	9.888	-5.959	-3.7886	156.8675
88	76	q	LinStatic	-15.402	-9.888	5.959	3.7886	-159.6482
89	76	q	LinStatic	13.278	8.009	2.558	-3.7681	159.4500
89	77	q	LinStatic	-13.278	-8.009	-2.558	3.7681	-158.2563
90	77	q	LinStatic	11.157	6.289	10.235	-3.7505	158.0940
90	78	q	LinStatic	-11.157	-6.289	-10.235	3.7505	-153.3177
91	78	q	LinStatic	9.037	4.716	17.242	-3.7360	153.1905
91	79	q	LinStatic	-9.037	-4.716	-17.242	3.7360	-145.1441
92	79	q	LinStatic	6.920	3.268	23.744	-3.7243	145.0505
92	80	q	LinStatic	-6.920	-3.268	-23.744	3.7243	-133.9699
93	80	q	LinStatic	4.803	1.914	29.896	-3.7156	133.9077
93	81	q	LinStatic	-4.803	-1.914	-29.896	3.7156	-119.9561
94	81	q	LinStatic	2.688	0.614	35.842	-3.7098	119.9225
94	82	q	LinStatic	-2.688	-0.614	-35.842	3.7098	-103.1961
95	82	q	LinStatic	0.572	-0.673	41.711	-3.7070	103.1876
95	83	q	LinStatic	-0.572	0.673	-41.711	3.7070	-83.7225
96	83	q	LinStatic	-1.542	-1.989	47.613	-3.7070	83.7351
96	84	q	LinStatic	1.542	1.989	-47.613	3.7070	-61.5155
97	84	q	LinStatic	-3.658	-3.378	53.641	-3.7100	61.5444
97	85	q	LinStatic	3.658	3.378	-53.641	3.7100	-36.5121
98	85	q	LinStatic	-5.774	-4.876	59.860	-3.7159	36.5521
98	86	q	LinStatic	5.774	4.876	-59.860	3.7159	-8.6175
99	86	q	LinStatic	-7.891	-6.516	66.312	-3.7247	8.6626
99	87	q	LinStatic	7.891	6.516	-66.312	3.7247	-22.2832
100	87	q	LinStatic	-10.009	-8.319	73.010	-3.7365	-22.2396
100	88	q	LinStatic	10.009	8.319	-73.010	3.7365	56.3111
101	88	q	LinStatic	-12.129	-10.295	79.933	-3.7512	-56.2764
101	89	q	LinStatic	12.129	10.295	-79.933	3.7512	93.5787
102	89	q	LinStatic	-14.252	-12.437	87.025	-3.7688	-93.5609
102	2	q	LinStatic	14.252	12.437	-87.025	3.7688	134.1727
103	458	q	LinStatic	1.756	4.624	40.333	103.2366	-13.3256
103	459	q	LinStatic	-1.756	-4.624	-40.333	-88.1118	13.3256
104	459	q	LinStatic	0.041	2.161	48.312	88.0361	-13.3086
104	460	q	LinStatic	-0.041	-2.161	-48.312	-69.9190	13.3086
105	460	q	LinStatic	-1.684	-0.302	56.057	69.8576	-13.3000
105	461	q	LinStatic	1.684	0.302	-56.057	-48.8363	13.3000
106	461	q	LinStatic	-3.442	-2.765	63.617	48.7857	-13.2998
106	462	q	LinStatic	3.442	2.765	-63.617	-24.9294	13.2998
107	462	q	LinStatic	-5.257	-5.229	71.029	24.8854	-13.3081
107	463	q	LinStatic	5.257	5.229	-71.029	1.7503	13.3081
108	463	q	LinStatic	-7.148	-7.693	78.312	-1.7922	-13.3247
108	464	q	LinStatic	7.148	7.693	-78.312	31.1591	13.3247
109	464	q	LinStatic	-9.128	-10.159	85.468	-31.2039	-13.3498
109	465	q	LinStatic	9.128	10.159	-85.468	63.2545	13.3498
110	96	q	LinStatic	13.672	12.009	-15.116	-0.1536	136.6554
110	97	q	LinStatic	-13.672	-12.009	15.116	0.1536	-143.7095
111	97	q	LinStatic	11.814	9.964	-6.557	-0.1716	143.4827
111	98	q	LinStatic	-11.814	-9.964	6.557	0.1716	-146.5428
112	98	q	LinStatic	9.957	8.081	1.015	-0.1899	146.3487
112	99	q	LinStatic	-9.957	-8.081	-1.015	0.1899	-145.8750
113	99	q	LinStatic	8.102	6.367	7.760	-0.2082	145.7138
113	100	q	LinStatic	-8.102	-6.367	-7.760	0.2082	-142.0927
114	100	q	LinStatic	6.249	4.812	13.832	-0.2267	141.9639
114	101	q	LinStatic	-6.249	-4.812	-13.832	0.2267	-135.5090
115	101	q	LinStatic	4.397	3.396	19.385	-0.2454	135.4115
115	102	q	LinStatic	-4.397	-3.396	-19.385	0.2454	-126.3654
116	102	q	LinStatic	2.546	2.088	24.562	-0.2643	126.2974
116	103	q	LinStatic	-2.546	-2.088	-24.562	0.2643	-114.8350
117	103	q	LinStatic	0.696	0.850	29.500	-0.2834	114.7941
117	104	q	LinStatic	-0.696	-0.850	-29.500	0.2834	-101.0273
118	104	q	LinStatic	-1.155	-0.357	34.322	-0.3028	101.0107
118	105	q	LinStatic	1.155	0.357	-34.322	0.3028	-84.9939
119	105	q	LinStatic	-3.006	-1.577	39.135	-0.3223	84.9983
119	106	q	LinStatic	3.006	1.577	-39.135	0.3223	-66.7353
120	106	q	LinStatic	-4.857	-2.851	44.032	-0.3422	66.7568
120	107	q	LinStatic	4.857	2.851	-44.032	0.3422	-46.2088
121	107	q	LinStatic	-6.709	-4.219	49.084	-0.3622	46.2430
121	108	q	LinStatic	6.709	4.219	-49.084	0.3622	-23.3372
122	108	q	LinStatic	-8.563	-5.715	54.343	-0.3826	23.3793
122	109	q	LinStatic	8.563	5.715	-54.343	0.3826	-1.9807
123	109	q	LinStatic	-10.418	-7.362	59.835	-0.4033	-1.9362
123	110	q	LinStatic	10.418	7.362	-59.835	0.4033	29.8594
124	110	q	LinStatic	-12.275	-9.176	65.562	-0.4243	-29.8185
124	111	q	LinStatic	12.275	9.176	-65.562	0.4243	60.4142
125	111	q	LinStatic	-14.134	-11.157	71.494	-0.4456	-60.3834
125	112	q	LinStatic	14.134	11.157	-71.494	0.4456	93.7475
126	112	q	LinStatic	-15.996	-13.286	77.571	-0.4673	-93.7341
126	3	q	LinStatic	15.996	13.286	-77.571	0.4673	129.9339
127	465	q	LinStatic	-11.204	-12.626	92.479	-63.3078	-13.3834
127	466	q	LinStatic	11.204	12.626	-92.479	97.9875	13.3834
128	466	q	LinStatic	-13.373	-15.095	99.305	-98.0555	-13.4254
128	436	q	LinStatic	13.373	15.095	-99.305	135.2948	13.4254

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129	7	q	LinStatic	-8.233	6.737	22.456	-30.5725	82.2242
129	467	q	LinStatic	8.233	-6.737	-22.456	30.5725	-70.9959
130	467	q	LinStatic	-10.346	4.538	30.556	-30.6384	71.1028
130	468	q	LinStatic	10.346	-4.538	-30.556	30.6384	-55.8249
131	468	q	LinStatic	-12.460	2.303	39.247	-30.7302	55.9471
131	469	q	LinStatic	12.460	-2.303	-39.247	30.7302	-36.3236
132	469	q	LinStatic	-14.578	0.030	48.602	-30.8479	36.4569
132	470	q	LinStatic	14.578	-0.030	-48.602	30.8479	-12.1561
133	470	q	LinStatic	-16.698	-2.287	58.668	-30.9916	12.2953
133	471	q	LinStatic	16.698	2.287	-58.668	30.9916	17.0389
134	119	q	LinStatic	14.056	12.010	-14.574	0.4378	133.6186
134	120	q	LinStatic	-14.056	-12.010	14.574	-0.4378	-140.4199
135	120	q	LinStatic	12.181	9.972	-6.175	0.4026	140.1976
135	121	q	LinStatic	-12.181	-9.972	6.175	-0.4026	-143.0793
136	121	q	LinStatic	10.309	8.092	1.257	0.3677	142.8889
136	122	q	LinStatic	-10.309	-8.092	-1.257	-0.3677	-142.3020
137	122	q	LinStatic	8.438	6.379	7.877	0.3330	142.1437
137	123	q	LinStatic	-8.438	-6.379	-7.877	-0.3330	-138.4678
138	123	q	LinStatic	6.569	4.825	13.836	0.2987	138.3411
138	124	q	LinStatic	-6.569	-4.825	-13.836	-0.2987	-131.8841
139	124	q	LinStatic	4.701	3.408	19.283	0.2646	131.7879
139	125	q	LinStatic	-4.701	-3.408	-19.283	-0.2646	-122.7889
140	125	q	LinStatic	2.834	2.100	24.360	0.2306	122.7214
140	126	q	LinStatic	-2.834	-2.100	-24.360	-0.2306	-111.3535
141	126	q	LinStatic	0.968	0.864	29.196	0.1969	111.3123
141	127	q	LinStatic	-0.968	-0.864	-29.196	-0.1969	-97.6874
142	127	q	LinStatic	-0.899	-0.341	33.913	0.1633	97.6698
142	128	q	LinStatic	0.899	0.341	-33.913	-0.1633	-81.8439
143	128	q	LinStatic	-2.765	-1.556	38.613	0.1299	81.8465
143	129	q	LinStatic	2.765	1.556	-38.613	-0.1299	-63.8268
144	129	q	LinStatic	-4.632	-2.823	43.387	0.0965	63.8458
144	130	q	LinStatic	4.632	2.823	-43.387	-0.0965	-43.5985
145	130	q	LinStatic	-6.500	-4.181	48.303	0.0633	43.6296
145	131	q	LinStatic	6.500	4.181	-48.303	-0.0633	-21.0883
146	131	q	LinStatic	-8.369	-5.662	53.409	0.0300	21.1267
146	132	q	LinStatic	8.369	5.662	-53.409	-0.0300	3.7974
147	132	q	LinStatic	-10.240	-7.292	58.729	-0.0032	-3.7570
147	133	q	LinStatic	10.240	7.292	-58.729	0.0032	31.1641
148	133	q	LinStatic	-12.112	-9.083	64.263	-0.0364	-31.1277
148	134	q	LinStatic	12.112	9.083	-64.263	0.0364	61.1172
149	134	q	LinStatic	-13.987	-11.037	69.980	-0.0696	-61.0912
149	135	q	LinStatic	13.987	11.037	-69.980	0.0696	93.7485
150	135	q	LinStatic	-15.864	-13.135	75.818	-0.1029	-93.7399
150	4	q	LinStatic	15.864	13.135	-75.818	0.1029	129.1218
151	471	q	LinStatic	-18.822	-4.655	69.466	-31.1615	-16.9002
151	472	q	LinStatic	18.822	4.655	-69.466	31.1615	51.6334
152	472	q	LinStatic	-20.949	-7.075	80.981	-31.3577	-51.5031
152	473	q	LinStatic	20.949	7.075	-80.981	31.3577	91.9933
153	473	q	LinStatic	-23.081	-9.539	93.154	-31.5803	-91.8803
153	435	q	LinStatic	23.081	9.539	-93.154	31.5803	138.4574
154	435	q	LinStatic	-3.300	3.073	-11.683	-15.0911	5.3099
154	474	q	LinStatic	3.300	-3.073	11.683	15.0911	-11.1515
155	474	q	LinStatic	-5.437	0.592	1.468	-15.3531	11.2388
155	475	q	LinStatic	5.437	-0.592	-1.468	15.3531	-10.5045
156	475	q	LinStatic	-7.575	-1.924	15.064	-15.6281	10.5944
156	476	q	LinStatic	7.575	1.924	-15.064	15.6281	-3.0625
157	476	q	LinStatic	-9.714	-4.510	29.122	-15.9162	3.1540
157	477	q	LinStatic	9.714	4.510	-29.122	15.9162	11.4068
158	142	q	LinStatic	14.326	11.780	-15.293	0.0134	133.0214
158	143	q	LinStatic	-14.326	-11.780	15.293	-0.0134	-140.1582
159	143	q	LinStatic	12.438	9.754	-6.810	-0.0206	139.9345
159	144	q	LinStatic	-12.438	-9.754	6.810	0.0206	-143.1126
160	144	q	LinStatic	10.552	7.891	0.699	-0.0545	142.9207
160	145	q	LinStatic	-10.552	-7.891	-0.699	0.0545	-142.5945
161	145	q	LinStatic	8.668	6.196	7.388	-0.0886	142.4348
161	146	q	LinStatic	-8.668	-6.196	-7.388	0.0886	-138.9869
162	146	q	LinStatic	6.786	4.661	13.410	-0.1226	138.8589
162	147	q	LinStatic	-6.786	-4.661	-13.410	0.1226	-132.6006
163	147	q	LinStatic	4.905	3.264	18.914	-0.1568	132.5032
163	148	q	LinStatic	-4.905	-3.264	-18.914	0.1568	-123.6765
164	148	q	LinStatic	3.025	1.974	24.042	-0.1911	123.6079
164	149	q	LinStatic	-3.025	-1.974	-24.042	0.1911	-112.3883
165	149	q	LinStatic	1.146	0.755	28.926	-0.2256	112.3463
165	150	q	LinStatic	-1.146	-0.755	-28.926	0.2256	-98.8477
166	150	q	LinStatic	-0.733	0.433	33.686	-0.2602	98.8295
166	151	q	LinStatic	0.733	0.433	-33.686	0.2602	-83.1096
167	151	q	LinStatic	-2.613	-1.633	38.428	-0.2950	83.1119
167	152	q	LinStatic	2.613	1.633	-38.428	0.2950	-65.1788
168	152	q	LinStatic	-4.493	-2.886	43.242	-0.3301	65.1978
168	153	q	LinStatic	4.493	2.886	-43.242	0.3301	-45.0181
169	153	q	LinStatic	-6.373	-4.229	48.200	-0.3654	45.0495
169	154	q	LinStatic	6.373	4.229	-48.200	0.3654	-22.5563
170	154	q	LinStatic	-8.255	-5.695	53.349	-0.4011	22.5953
170	155	q	LinStatic	8.255	5.695	-53.349	0.4011	2.3010
171	155	q	LinStatic	-10.139	-7.308	58.718	-0.4370	-2.2597
171	156	q	LinStatic	10.139	7.308	-58.718	0.4370	29.6612
172	156	q	LinStatic	-12.024	-9.081	64.304	-0.4733	-29.6235
172	157	q	LinStatic	12.024	9.081	-64.304	0.4733	59.6321
173	157	q	LinStatic	-13.911	-11.014	70.081	-0.5099	-59.6045

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173	158	q	LinStatic	13.911	11.014	-70.081	0.5099	92.3089
174	158	q	LinStatic	-15.802	-13.087	-75.988	-0.5470	-92.2984
174	5	q	LinStatic	15.802	13.087	-75.988	0.5470	127.7593
175	477	q	LinStatic	-11.856	-7.196	43.653	-16.2178	-11.3163
175	478	q	LinStatic	11.856	7.196	-43.653	16.2178	33.1428
176	478	q	LinStatic	-14.000	-10.003	58.651	-16.5331	-33.0577
176	479	q	LinStatic	14.000	10.003	-58.651	16.5331	62.3831
177	479	q	LinStatic	-16.147	-12.932	74.082	-16.8623	-62.3095
177	480	q	LinStatic	16.147	12.932	-74.082	16.8623	99.3507
178	480	q	LinStatic	-18.297	-15.961	89.880	-17.2057	-99.2966
178	433	q	LinStatic	18.297	15.961	-89.880	17.2057	144.2365
179	434	q	LinStatic	23.685	5.768	-50.239	12.1637	114.9535
179	481	q	LinStatic	-23.685	-5.768	50.239	-12.1637	-89.8342
180	481	q	LinStatic	21.414	2.847	-45.610	12.0060	89.7377
180	482	q	LinStatic	-21.414	-2.847	45.610	-12.0060	-66.9326
181	482	q	LinStatic	19.149	0.065	-40.575	11.8584	66.8550
181	483	q	LinStatic	-19.149	-0.065	40.575	-11.8584	-46.5674
182	165	q	LinStatic	9.950	11.788	-16.407	-1.1574	134.0375
182	166	q	LinStatic	-9.950	-11.788	16.407	1.1574	-141.6943
183	166	q	LinStatic	7.761	9.749	-8.001	-1.1899	141.4711
183	167	q	LinStatic	-7.761	-9.749	8.001	1.1899	-145.2052
184	167	q	LinStatic	5.573	7.869	-0.566	-1.2234	145.0143
184	168	q	LinStatic	-5.573	-7.869	0.566	1.2234	-145.2786
185	168	q	LinStatic	3.387	6.152	6.054	-1.2579	145.1204
185	169	q	LinStatic	-3.387	-6.152	-6.054	1.2579	-142.2951
186	169	q	LinStatic	1.201	4.590	12.016	-1.2933	142.1693
186	170	q	LinStatic	-1.201	-4.590	-12.016	1.2933	-136.5619
187	170	q	LinStatic	-0.985	3.160	17.471	-1.3297	136.4676
187	171	q	LinStatic	0.985	-3.160	-17.471	1.3297	-128.3147
188	171	q	LinStatic	-3.171	1.833	22.565	-1.3672	128.2501
188	172	q	LinStatic	3.171	-1.833	-22.565	1.3672	-117.7200
189	172	q	LinStatic	-5.358	0.572	27.435	-1.4058	117.6831
189	173	q	LinStatic	5.358	-0.572	-27.435	1.4058	-104.8801
190	173	q	LinStatic	-7.545	-0.664	32.208	-1.4455	104.8683
190	174	q	LinStatic	7.545	0.664	-32.208	1.4455	-89.8378
191	174	q	LinStatic	-9.734	-1.915	36.996	-1.4863	89.8479
191	175	q	LinStatic	9.734	1.915	-36.996	1.4863	-72.5830
192	175	q	LinStatic	-11.925	-3.220	41.896	-1.5283	72.6115
192	176	q	LinStatic	11.925	3.220	-41.896	1.5283	-53.0600
193	176	q	LinStatic	-14.118	-4.617	46.986	-1.5715	53.1026
193	177	q	LinStatic	14.118	4.617	-46.986	1.5715	-31.1759
194	177	q	LinStatic	-16.314	-6.135	52.324	-1.6159	31.2280
194	178	q	LinStatic	16.314	6.135	-52.324	1.6159	-6.8101
195	178	q	LinStatic	-18.513	-7.795	57.946	-1.6616	6.8665
195	179	q	LinStatic	18.513	7.795	-57.946	1.6616	-20.1749
196	179	q	LinStatic	-20.715	-9.606	63.861	-1.7086	-20.1200
196	180	q	LinStatic	20.715	9.606	-63.861	1.7086	49.9218
197	180	q	LinStatic	-22.921	-11.563	70.051	-1.7570	-49.8748
197	181	q	LinStatic	22.921	11.563	-70.051	1.7570	82.5653
198	181	q	LinStatic	-25.131	-13.639	76.466	-1.8067	-82.5332
198	6	q	LinStatic	25.131	13.639	-76.466	1.8067	118.2176
199	483	q	LinStatic	16.886	-2.612	-35.212	11.7208	46.5035
199	484	q	LinStatic	-16.886	2.612	35.212	-11.7208	-28.8974
200	484	q	LinStatic	14.628	-5.220	-29.575	11.5931	28.8426
200	485	q	LinStatic	-14.628	5.220	29.575	-11.5931	-14.0552
201	485	q	LinStatic	12.372	-7.790	-23.695	11.4752	14.0056
201	486	q	LinStatic	-12.372	7.790	23.695	-11.4752	-2.1581
202	486	q	LinStatic	10.119	-10.337	-17.587	11.3670	2.1105
202	487	q	LinStatic	-10.119	10.337	17.587	-11.3670	6.6830
203	487	q	LinStatic	7.868	-12.859	-11.250	11.2684	-6.7312
203	436	q	LinStatic	-7.868	12.859	11.250	-11.2684	12.3565
204	436	q	LinStatic	29.244	6.575	-51.370	5.8845	104.1677
204	488	q	LinStatic	-29.244	-6.575	51.370	-5.8845	-78.4829
205	488	q	LinStatic	27.001	4.192	-44.628	5.8004	78.4544
205	489	q	LinStatic	-27.001	-4.192	44.628	-5.8004	-56.1403
206	188	q	LinStatic	11.377	12.235	-20.271	-0.7308	132.3644
206	189	q	LinStatic	-11.377	-12.235	20.271	0.7308	-141.8244
207	189	q	LinStatic	9.285	10.169	-12.240	-0.7584	141.5948
207	190	q	LinStatic	-9.285	-10.169	12.240	0.7584	-147.3068
208	190	q	LinStatic	7.195	8.258	-5.211	-0.7866	147.1098
208	191	q	LinStatic	-7.195	-8.258	5.211	0.7866	-149.5416
209	191	q	LinStatic	5.106	6.512	0.973	-0.8154	149.3781
209	192	q	LinStatic	-5.106	-6.512	-0.973	0.8154	-148.9238
210	192	q	LinStatic	3.018	4.925	6.473	-0.8449	148.7938
210	193	q	LinStatic	-3.018	-4.925	-6.473	0.8449	-145.7729
211	193	q	LinStatic	0.931	3.478	11.448	-0.8750	145.6761
211	194	q	LinStatic	-0.931	-3.478	-11.448	0.8750	-140.3336
212	194	q	LinStatic	-1.156	2.141	16.053	-0.9058	140.2690
212	195	q	LinStatic	1.156	-2.141	-16.053	0.9058	-132.7777
213	195	q	LinStatic	-3.244	0.878	20.437	-0.9373	132.7438
213	196	q	LinStatic	3.244	-0.878	-20.437	0.9373	-123.2063
214	196	q	LinStatic	-5.332	-0.349	24.743	-0.9696	123.2014
214	197	q	LinStatic	5.332	0.349	-24.743	0.9696	-111.6545
215	197	q	LinStatic	-7.421	-1.582	29.102	-1.0026	111.6759
215	198	q	LinStatic	7.421	1.582	-29.102	1.0026	-98.0950
216	198	q	LinStatic	-9.511	-2.862	33.633	-1.0364	98.1401
216	199	q	LinStatic	9.511	2.862	-33.633	1.0364	-82.4447
217	199	q	LinStatic	-11.603	-4.227	38.441	-1.0711	82.5102
217	200	q	LinStatic	11.603	4.227	-38.441	1.0711	-64.5708

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218	200	q	LinStatic	-13.698	-5.708	43.616	-1.1065	64.6528
218	201	q	LinStatic	13.698	5.708	-43.616	1.1065	-44.2986
219	201	q	LinStatic	-15.795	-7.330	49.228	-1.1429	44.3928
219	202	q	LinStatic	15.795	7.330	-49.228	1.1429	-21.4198
220	202	q	LinStatic	-17.894	-9.106	55.325	-1.1801	21.5215
220	203	q	LinStatic	17.894	9.106	-55.325	1.1801	4.2970
221	203	q	LinStatic	-19.998	-11.033	61.934	-1.2183	-4.1934
221	204	q	LinStatic	19.998	11.033	-61.934	1.2183	33.0960
222	204	q	LinStatic	-22.105	-13.094	69.053	-1.2574	-32.9966
222	7	q	LinStatic	22.105	13.094	-69.053	1.2574	65.2213
223	489	q	LinStatic	24.762	1.891	-37.813	5.7211	56.1281
223	490	q	LinStatic	-24.762	-1.891	37.813	-5.7211	-37.2214
224	490	q	LinStatic	22.529	-0.347	-30.989	5.6467	37.2205
224	491	q	LinStatic	-22.529	0.347	30.989	-5.6467	-21.7258
225	491	q	LinStatic	20.300	-2.542	-24.198	5.5770	21.7320
225	492	q	LinStatic	-20.300	2.542	24.198	-5.5770	-9.6330
226	492	q	LinStatic	18.076	-4.716	-17.462	5.5120	9.6430
226	493	q	LinStatic	-18.076	4.716	17.462	-5.5120	-0.9120
227	493	q	LinStatic	15.854	-6.885	-10.790	5.4517	0.9232
227	494	q	LinStatic	-15.854	6.885	10.790	-5.4517	4.4719
228	494	q	LinStatic	13.637	-9.050	-4.180	5.3960	-4.4611
228	6	q	LinStatic	-13.637	9.050	4.180	-5.3960	6.5511
230	211	q	LinStatic	14.117	12.292	-10.453	2.0788	138.9387
230	212	q	LinStatic	-14.117	-12.292	10.453	-2.0788	-143.8168
231	212	q	LinStatic	12.242	10.212	-2.834	2.0554	143.6034
231	213	q	LinStatic	-12.242	-10.212	2.834	-2.0554	-144.9259
232	213	q	LinStatic	10.370	8.295	3.863	2.0335	144.7450
232	214	q	LinStatic	-10.370	-8.295	-3.863	-2.0335	-142.9423
233	214	q	LinStatic	8.500	6.552	9.793	2.0133	142.7937
233	215	q	LinStatic	-8.500	-6.552	-9.793	-2.0133	-138.2235
234	215	q	LinStatic	6.631	4.973	15.110	1.9946	138.1066
234	216	q	LinStatic	-6.631	-4.973	-15.110	-1.9946	-131.0552
235	216	q	LinStatic	4.764	3.540	19.961	1.9776	130.9687
235	217	q	LinStatic	-4.764	-3.540	-19.961	-1.9776	-121.6537
236	217	q	LinStatic	2.898	2.224	24.485	1.9620	121.5956
236	218	q	LinStatic	-2.898	-2.224	-24.485	-1.9620	-110.1691
237	218	q	LinStatic	1.032	0.988	28.814	1.9481	110.1371
237	219	q	LinStatic	-1.032	-0.988	-28.814	-1.9481	-96.6907
238	219	q	LinStatic	0.834	-0.209	33.064	1.9356	96.6820
238	220	q	LinStatic	-0.834	0.209	-33.064	-1.9356	-81.2521
239	220	q	LinStatic	2.700	-1.409	37.340	1.9247	81.2634
239	221	q	LinStatic	-2.700	1.409	-37.340	-1.9247	-63.8383
240	221	q	LinStatic	4.566	-2.654	41.728	1.9153	63.8660
240	222	q	LinStatic	-4.566	2.654	-41.728	-1.9153	-44.3930
241	222	q	LinStatic	6.434	-3.983	46.298	1.9074	44.4329
241	223	q	LinStatic	-6.434	3.983	-46.298	-1.9074	-22.8271
242	223	q	LinStatic	8.302	-5.430	51.099	1.9010	22.8746
242	224	q	LinStatic	-8.302	5.430	-51.099	-1.9010	0.9715
243	224	q	LinStatic	10.172	-7.022	56.157	1.8961	-0.9216
243	225	q	LinStatic	-10.172	7.022	-56.157	-1.8961	27.1280
244	225	q	LinStatic	12.044	-8.775	61.472	1.8927	-27.0813
244	226	q	LinStatic	-12.044	8.775	-61.472	-1.8927	55.7684
245	226	q	LinStatic	13.918	-10.691	67.021	1.8908	-55.7310
245	227	q	LinStatic	-13.918	10.691	-67.021	-1.8908	87.0072
246	227	q	LinStatic	15.795	-12.756	72.745	1.8904	-86.9859
246	8	q	LinStatic	-15.795	12.756	-72.745	-1.8904	120.9334
254	234	q	LinStatic	12.150	11.274	-20.194	4.9704	148.2113
254	235	q	LinStatic	-12.150	-11.274	20.194	-4.9704	-157.6350
255	235	q	LinStatic	10.034	9.203	-10.313	4.7933	157.3648
255	236	q	LinStatic	-10.034	-9.203	10.313	-4.7933	-162.1775
256	236	q	LinStatic	7.921	7.308	-1.615	4.6200	161.9434
256	237	q	LinStatic	-7.921	-7.308	1.615	-4.6200	-162.6972
257	237	q	LinStatic	5.809	5.584	6.074	4.4503	162.4996
257	238	q	LinStatic	-5.809	-5.584	-6.074	-4.4503	-159.6651
258	238	q	LinStatic	3.698	4.017	12.929	4.2842	159.5037
258	239	q	LinStatic	-3.698	-4.017	-12.929	-4.2842	-153.4701
259	239	q	LinStatic	1.587	2.578	19.122	4.1214	153.3440
259	240	q	LinStatic	-1.587	-2.578	-19.122	-4.1214	-144.4206
260	240	q	LinStatic	0.523	1.232	24.815	3.9618	144.3281
260	241	q	LinStatic	-0.523	-1.232	-24.815	-3.9618	-132.7478
261	241	q	LinStatic	2.633	0.062	30.164	3.8054	132.6865
261	242	q	LinStatic	-2.633	-0.062	-30.164	-3.8054	-118.6100
262	242	q	LinStatic	4.743	-1.345	35.310	3.6520	118.5770
262	243	q	LinStatic	-4.743	1.345	-35.310	-3.6520	-102.0989
263	243	q	LinStatic	6.855	-2.660	40.381	3.5014	102.0907
263	244	q	LinStatic	-6.855	2.660	-40.381	-3.5014	-83.2461
264	244	q	LinStatic	8.968	-4.048	45.487	3.3536	83.2589
264	245	q	LinStatic	-8.968	4.048	-45.487	-3.3536	-62.0318
265	245	q	LinStatic	11.082	-5.542	50.716	3.2085	62.0609
265	246	q	LinStatic	-11.082	5.542	-50.716	-3.2085	-38.3935
266	246	q	LinStatic	13.199	-7.170	56.137	3.0658	38.4339
266	247	q	LinStatic	-13.199	7.170	-56.137	-3.0658	-12.2367
267	247	q	LinStatic	15.318	-8.948	61.793	2.9256	12.2828
267	248	q	LinStatic	-15.318	8.948	-61.793	-2.9256	16.5537
268	248	q	LinStatic	17.440	-10.878	67.698	2.7877	-16.5081
268	249	q	LinStatic	-17.440	10.878	-67.698	-2.7877	48.1007
269	249	q	LinStatic	19.565	-12.945	73.840	2.6520	-48.0623
269	250	q	LinStatic	-19.565	12.945	-73.840	-2.6520	82.5208
270	250	q	LinStatic	21.694	-15.112	80.169	2.5184	-82.4972



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270	9	q	LinStatic	21.694	15.112	-80.169	-2.5184	119.9092
271	20	q	LinStatic	16.345	18.585	-87.075	135.4067	6.5121
271	251	q	LinStatic	-16.345	-18.585	87.075	-91.8692	-6.5121
272	251	q	LinStatic	13.525	16.314	-72.725	91.8836	6.1637
272	252	q	LinStatic	-13.525	-16.314	72.725	-55.5213	-6.1637
273	252	q	LinStatic	10.804	14.045	-58.536	55.5535	5.8205
273	253	q	LinStatic	-10.804	-14.045	58.536	-26.2854	-5.8205
274	253	q	LinStatic	8.216	11.779	-44.571	26.3274	5.4822
274	254	q	LinStatic	-8.216	-11.779	44.571	-4.0422	-5.4822
275	254	q	LinStatic	5.767	9.516	-30.852	4.0879	5.1486
275	255	q	LinStatic	-5.767	-9.516	30.852	11.3383	-5.1486
276	255	q	LinStatic	3.443	7.255	-17.380	-11.2934	4.8193
276	256	q	LinStatic	-3.443	-7.255	17.380	19.9834	-4.8193
277	256	q	LinStatic	1.218	4.995	-4.134	-19.9423	4.4940
277	257	q	LinStatic	-1.218	-4.995	4.134	22.0091	-4.4940
278	257	q	LinStatic	0.944	2.736	8.918	-21.9731	4.1726
278	19	q	LinStatic	0.944	-2.736	-8.918	17.5142	-4.1726
279	12	q	LinStatic	13.327	-6.682	-85.874	13.2343	-18.0542
279	258	q	LinStatic	-13.327	6.682	85.874	29.7029	18.0542
280	258	q	LinStatic	11.124	-8.991	-72.926	-29.8882	-18.3926
280	259	q	LinStatic	-11.124	8.991	72.926	66.3513	18.3926
281	259	q	LinStatic	8.874	-11.301	-59.069	-66.5483	-18.7466
281	260	q	LinStatic	-8.874	11.301	59.069	96.0826	18.7466
282	260	q	LinStatic	6.586	-13.613	-44.215	-96.2991	-19.1164
282	261	q	LinStatic	-6.586	13.613	44.215	118.4064	19.1164
283	261	q	LinStatic	4.249	-15.928	-28.241	-118.6489	-19.5023
283	262	q	LinStatic	-4.249	15.928	28.241	132.7693	19.5023
284	262	q	LinStatic	1.835	-18.246	-10.997	-133.0421	-19.9047
284	263	q	LinStatic	-1.835	18.246	10.997	138.5403	19.9047
285	263	q	LinStatic	-0.694	-20.568	7.687	-138.8459	-20.3238
285	264	q	LinStatic	0.694	20.568	-7.687	135.0026	20.3238
286	264	q	LinStatic	-3.381	-22.895	27.985	-135.3412	-20.7601
286	11	q	LinStatic	3.381	22.895	-27.985	121.3486	20.7601
287	10	q	LinStatic	16.214	19.800	-0.551	132.4309	-10.6336
287	265	q	LinStatic	-16.214	-19.800	0.551	-132.7064	10.6336
288	265	q	LinStatic	13.386	17.579	11.914	132.4426	-10.5710
288	266	q	LinStatic	-13.386	-17.579	-11.914	-126.4857	10.5710
289	266	q	LinStatic	10.661	15.360	23.146	126.2532	-10.5173
289	267	q	LinStatic	-10.661	-15.360	-23.146	-114.6803	10.5173
290	267	q	LinStatic	8.069	13.145	33.302	114.4769	-10.4725
290	268	q	LinStatic	-8.069	-13.145	-33.302	-97.8258	10.4725
291	268	q	LinStatic	5.617	10.933	42.527	97.6480	-10.4365
291	269	q	LinStatic	-5.617	-10.933	-42.527	-76.3847	10.4365
292	269	q	LinStatic	3.292	8.723	50.941	76.2279	-10.4094
292	270	q	LinStatic	-3.292	-8.723	-50.941	-50.7571	10.4094
293	270	q	LinStatic	1.066	6.514	58.643	50.6157	-10.3910
293	271	q	LinStatic	-1.066	-6.514	-58.643	-21.2944	10.3910
294	271	q	LinStatic	-1.095	4.307	65.695	21.1616	-10.3814
294	9	q	LinStatic	1.095	-4.307	-65.695	11.6860	10.3814
295	2	q	LinStatic	13.271	-7.902	10.032	13.2675	-3.8388
295	272	q	LinStatic	-13.271	7.902	-10.032	-8.2514	3.8388
296	272	q	LinStatic	11.064	-10.185	17.108	8.2334	-3.8499
296	273	q	LinStatic	-11.064	10.185	-17.108	0.3206	3.8499
297	273	q	LinStatic	8.811	-12.470	24.106	-0.3376	-3.8642
297	274	q	LinStatic	-8.811	12.470	-24.106	12.3909	3.8642
298	274	q	LinStatic	6.521	-14.757	31.031	-12.4095	-3.8818
298	275	q	LinStatic	-6.521	14.757	-31.031	27.9250	3.8818
299	275	q	LinStatic	4.184	-17.048	37.870	-27.9485	-3.9026
299	276	q	LinStatic	-4.184	17.048	-37.870	46.8836	3.9026
300	276	q	LinStatic	1.771	-19.341	44.593	-46.9161	-3.9268
300	277	q	LinStatic	-1.771	19.341	-44.593	69.2126	3.9268
301	277	q	LinStatic	-0.756	-21.639	51.146	-69.2591	-3.9542
301	278	q	LinStatic	0.756	21.639	-51.146	94.8324	3.9542
302	278	q	LinStatic	-3.438	-23.941	57.450	-94.8987	-3.9850
302	1	q	LinStatic	3.438	23.941	-57.450	123.6236	3.9850
303	19	q	LinStatic	12.127	21.152	-85.948	116.3851	5.8340
303	279	q	LinStatic	-12.127	-21.152	85.948	-73.4112	-5.8340
304	279	q	LinStatic	10.037	18.898	-73.327	73.4653	5.5210
304	280	q	LinStatic	-10.037	-18.898	73.327	-36.8019	-5.5210
305	280	q	LinStatic	8.036	16.648	-61.056	36.8693	5.2127
305	281	q	LinStatic	-8.036	-16.648	61.056	-6.3412	-5.2127
306	281	q	LinStatic	6.142	14.401	-49.174	6.4139	4.9087
306	282	q	LinStatic	-6.142	-14.401	49.174	18.1732	-4.9087
307	282	q	LinStatic	4.355	12.157	-37.683	-18.1020	4.6089
307	283	q	LinStatic	-4.355	-12.157	37.683	36.9436	-4.6089
308	283	q	LinStatic	2.660	9.915	-26.556	-36.8790	4.3130
308	284	q	LinStatic	-2.660	-9.915	26.556	50.1569	-4.3130
309	284	q	LinStatic	1.031	7.676	-15.742	-50.1028	4.0207
309	285	q	LinStatic	-1.031	-7.676	15.742	57.9736	-4.0207
310	285	q	LinStatic	0.566	5.438	-5.176	-57.9326	3.7318
310	286	q	LinStatic	-0.566	-5.438	5.176	60.5204	-3.7318
311	286	q	LinStatic	-2.163	3.201	5.218	-60.4936	3.4461
311	287	q	LinStatic	2.163	-3.201	-5.218	57.8848	-3.4461
312	287	q	LinStatic	-3.795	0.965	15.516	-57.8723	3.1632
312	288	q	LinStatic	3.795	-0.965	-15.516	50.1143	-3.1632
313	288	q	LinStatic	-5.489	-1.272	25.794	-50.1148	2.8830
313	289	q	LinStatic	5.489	1.272	-25.794	37.2177	-2.8830
314	289	q	LinStatic	-7.264	-3.508	36.118	-37.2287	2.6053
314	18	q	LinStatic	7.264	3.508	-36.118	19.1698	-2.6053

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315	18	q	LinStatic	12.339	17.066	-74.648	110.9479	2.0334
315	290	q	LinStatic	-12.339	-17.066	74.648	-73.6238	-2.0334
316	290	q	LinStatic	10.442	14.832	-64.243	73.6282	1.7595
316	291	q	LinStatic	-10.442	-14.832	64.243	-41.5068	-1.7595
317	291	q	LinStatic	8.569	12.602	-53.934	41.5251	1.4872
317	292	q	LinStatic	-8.569	-12.602	53.934	-14.5579	-1.4872
318	292	q	LinStatic	6.751	10.373	-43.768	14.5830	1.2161
318	293	q	LinStatic	-6.751	-10.373	43.768	7.3010	-1.2161
319	293	q	LinStatic	5.001	8.147	-33.757	-7.2751	0.9461
319	294	q	LinStatic	-5.001	-8.147	33.757	24.1535	-0.9461
320	294	q	LinStatic	3.314	5.923	-23.887	-24.1314	0.6768
320	295	q	LinStatic	-3.314	-5.923	23.887	36.0749	-0.6768
321	295	q	LinStatic	1.674	3.700	-14.125	-36.0601	0.4081
321	296	q	LinStatic	-1.674	-3.700	14.125	43.1225	-0.4081
322	296	q	LinStatic	0.056	1.477	-4.422	-43.1172	0.1398
322	297	q	LinStatic	-0.056	-1.477	4.422	45.3282	-0.1398
323	297	q	LinStatic	-1.569	-0.745	5.278	-45.3335	-0.1285
323	298	q	LinStatic	1.569	0.745	-5.278	42.6944	0.1285
324	298	q	LinStatic	-3.229	-2.967	15.035	-42.7104	-0.3968
324	299	q	LinStatic	3.229	2.967	-15.035	35.1927	0.3968
325	299	q	LinStatic	-4.949	-5.190	24.905	-35.2181	-0.6655
325	300	q	LinStatic	4.949	5.190	-24.905	22.7655	0.6655
326	300	q	LinStatic	-6.746	-7.414	34.935	-22.7979	-0.9347
326	17	q	LinStatic	6.746	7.414	-34.935	5.3304	0.9347
327	17	q	LinStatic	12.441	13.180	-76.751	124.1605	1.3478
327	301	q	LinStatic	-12.441	-13.180	76.751	-85.7850	-1.3478
328	301	q	LinStatic	10.533	10.957	-66.461	85.7745	1.0789
328	302	q	LinStatic	-10.533	-10.957	66.461	-52.5439	-1.0789
329	302	q	LinStatic	8.652	8.736	-56.203	52.5501	0.8110
329	303	q	LinStatic	-8.652	-8.736	56.203	-24.4487	-0.8110
330	303	q	LinStatic	6.831	6.517	-46.034	24.4642	0.5437
330	304	q	LinStatic	-6.831	-6.517	46.034	-1.4470	-0.5437
331	304	q	LinStatic	5.082	4.300	-35.980	1.4656	0.2768
331	305	q	LinStatic	-5.082	-4.300	35.980	16.5246	-0.2768
332	305	q	LinStatic	3.398	2.083	-26.038	-16.5078	0.0102
332	306	q	LinStatic	-3.398	-2.083	26.038	29.5267	-0.0102
333	306	q	LinStatic	1.763	-0.133	-16.182	-29.5154	-0.2563
333	307	q	LinStatic	-1.763	0.133	16.182	37.6066	0.2563
334	307	q	LinStatic	0.151	-2.349	-6.373	-37.6034	-0.5231
334	308	q	LinStatic	-0.151	2.349	6.373	40.7898	0.5231
335	308	q	LinStatic	-1.468	-4.566	3.440	-40.7961	-0.7904
335	309	q	LinStatic	1.468	4.566	-3.440	39.0761	0.7904
336	309	q	LinStatic	-3.123	-6.784	13.311	-39.0920	-1.0583
336	310	q	LinStatic	3.123	6.784	-13.311	32.4366	1.0583
337	310	q	LinStatic	-4.843	-9.003	23.291	-32.4612	-1.3271
337	311	q	LinStatic	4.843	9.003	-23.291	20.8158	1.3271
338	311	q	LinStatic	-6.645	-11.224	33.424	-20.8468	-1.5970
338	16	q	LinStatic	6.645	11.224	-33.424	4.1346	1.5970
339	16	q	LinStatic	12.246	9.609	-77.357	125.7841	1.4962
339	312	q	LinStatic	-12.246	-9.609	77.357	-87.1054	-1.4962
340	312	q	LinStatic	10.312	7.388	-66.983	87.0971	1.2261
340	313	q	LinStatic	-10.312	-7.388	66.983	-53.6054	-1.2261
341	313	q	LinStatic	8.388	5.169	-56.653	53.6141	0.9572
341	314	q	LinStatic	-8.388	-5.169	56.653	-25.2878	-0.9572
342	314	q	LinStatic	6.501	2.950	-46.425	25.3060	0.6890
342	315	q	LinStatic	-6.501	-2.950	46.425	-2.0936	-0.6890
343	315	q	LinStatic	4.660	0.732	-36.325	2.1151	0.4214
343	316	q	LinStatic	-4.660	-0.732	36.325	16.0476	-0.4214
344	316	q	LinStatic	2.854	-1.486	-26.352	-16.0278	0.1542
344	317	q	LinStatic	-2.854	1.486	26.352	29.2040	-0.1542
345	317	q	LinStatic	1.064	-3.704	-16.482	-29.1896	-0.1129
345	318	q	LinStatic	-1.064	3.704	16.482	37.4304	0.1129
346	318	q	LinStatic	-0.737	-5.923	-6.673	-37.4241	-0.3801
346	319	q	LinStatic	0.737	5.923	6.673	40.7605	0.3801
347	319	q	LinStatic	-2.577	-8.143	3.123	-40.7636	-0.6476
347	320	q	LinStatic	2.577	8.143	-3.123	39.2019	0.6476
348	320	q	LinStatic	-4.486	-10.365	12.961	-39.2146	-0.9157
348	321	q	LinStatic	4.486	10.365	-12.961	32.7339	0.9157
349	321	q	LinStatic	-6.483	-12.589	22.893	-32.7553	-1.1845
349	322	q	LinStatic	6.483	12.589	-22.893	21.3088	1.1845
350	322	q	LinStatic	-8.580	-14.815	32.963	-21.3368	-1.4544
350	15	q	LinStatic	8.580	14.815	-32.963	4.8555	1.4544
351	15	q	LinStatic	14.086	5.995	-76.863	126.2391	0.8993
351	323	q	LinStatic	-14.086	-5.995	76.863	-87.8077	-0.8993
352	323	q	LinStatic	11.865	3.767	-66.582	87.8024	0.6290
352	324	q	LinStatic	-11.865	-3.767	66.582	-54.5112	-0.6290
353	324	q	LinStatic	9.680	1.539	-56.360	54.5231	0.3592
353	325	q	LinStatic	-9.680	-1.539	56.360	-26.3430	-0.3592
354	325	q	LinStatic	7.567	-0.688	-46.258	26.3647	0.0898
354	326	q	LinStatic	-7.567	0.688	46.258	-3.2359	-0.0898
355	326	q	LinStatic	5.537	-2.915	-36.301	3.2611	-0.1796
355	327	q	LinStatic	-5.537	2.915	36.301	14.8894	0.1796
356	327	q	LinStatic	3.587	-5.143	-26.490	-14.8656	-0.4492
356	328	q	LinStatic	-3.587	5.143	26.490	28.1106	0.4492
357	328	q	LinStatic	1.696	-7.372	-16.802	-28.0920	-0.7191
357	329	q	LinStatic	-1.696	7.372	16.802	36.4930	0.7191
358	329	q	LinStatic	-0.163	-9.602	-7.198	-36.4822	-0.9896
358	330	q	LinStatic	0.163	9.602	7.198	40.0813	0.9896
359	330	q	LinStatic	-2.021	-11.834	2.370	-40.0797	-1.2610

359	331	q	LinStatic	2.021	11.834	-2.370	38.8946	1.2610
360	331	q	LinStatic	-3.910	-14.069	-11.956	-38.9026	-1.5334
360	332	q	LinStatic	3.910	14.069	-11.956	32.9247	1.5334
361	332	q	LinStatic	-5.855	-16.306	21.610	-32.9413	-1.8072
361	333	q	LinStatic	5.855	16.306	-21.610	22.1363	1.8072
362	333	q	LinStatic	-7.874	-18.547	31.378	-22.1596	-2.0824
362	14	q	LinStatic	7.874	18.547	-31.378	6.4707	2.0824
363	14	q	LinStatic	13.560	1.779	-75.252	124.2064	2.8711
363	334	q	LinStatic	-13.560	-1.779	75.252	-86.5802	-2.8711
364	334	q	LinStatic	11.448	-0.465	-65.317	86.5790	2.5965
364	335	q	LinStatic	-11.448	0.465	65.317	-53.9203	-2.5965
365	335	q	LinStatic	9.382	-2.709	-55.460	53.9360	2.3241
365	336	q	LinStatic	-9.382	2.709	55.460	-26.2061	-2.3241
366	336	q	LinStatic	7.400	-4.954	-45.740	26.2315	2.0537
366	337	q	LinStatic	-7.400	4.954	45.740	-3.3616	-2.0537
367	337	q	LinStatic	5.512	-7.200	-36.184	3.3906	1.7850
367	338	q	LinStatic	-5.512	7.200	36.184	14.7015	-1.7850
368	338	q	LinStatic	3.715	-9.447	-26.793	-14.6739	1.5178
368	339	q	LinStatic	-3.715	9.447	26.793	28.0702	-1.5178
369	339	q	LinStatic	1.990	-11.696	-17.543	-28.0478	1.2519
369	340	q	LinStatic	-1.990	11.696	17.543	36.8193	-1.2519
370	340	q	LinStatic	0.312	-13.948	-8.397	-36.8047	0.9871
370	341	q	LinStatic	-0.312	13.948	8.397	41.0032	-0.9871
371	341	q	LinStatic	-1.353	-16.202	0.694	-40.9980	0.7230
371	342	q	LinStatic	1.353	16.202	-0.694	40.6507	-0.7230
372	342	q	LinStatic	-3.036	-18.459	9.785	-40.6554	0.4596
372	343	q	LinStatic	3.036	18.459	-9.785	35.7629	-0.4596
373	343	q	LinStatic	-4.766	-20.721	18.928	-35.7768	0.1966
373	344	q	LinStatic	4.766	20.721	-18.928	26.3128	-0.1966
374	344	q	LinStatic	-6.565	-22.986	28.171	-26.3342	-0.0663
374	13	q	LinStatic	6.565	22.986	-28.171	12.2486	0.0663
375	13	q	LinStatic	12.562	-2.763	-89.301	115.6214	-4.4069
375	345	q	LinStatic	-12.562	2.763	89.301	-70.9710	4.4069
376	345	q	LinStatic	10.653	-5.033	-79.904	70.9675	-4.6735
376	346	q	LinStatic	-10.653	5.033	79.904	-31.0156	4.6735
377	346	q	LinStatic	8.768	-7.305	-70.570	31.0244	-4.9441
377	347	q	LinStatic	-8.768	7.305	70.570	4.2607	4.9441
378	347	q	LinStatic	6.936	-9.578	-61.333	-4.2487	-5.2188
378	348	q	LinStatic	-6.936	9.578	61.333	34.9154	5.2188
379	348	q	LinStatic	5.166	-11.853	-52.183	-34.9081	-5.4980
379	349	q	LinStatic	-5.166	11.853	52.183	60.9997	5.4980
380	349	q	LinStatic	3.448	-14.131	-43.073	-61.0039	-5.7818
380	350	q	LinStatic	-3.448	14.131	43.073	82.5407	5.7818
381	350	q	LinStatic	1.762	-16.411	-33.926	-82.5623	-6.0704
381	351	q	LinStatic	-1.762	16.411	33.926	99.5254	6.0704
382	351	q	LinStatic	0.078	-18.694	-24.637	-99.5690	-6.3642
382	352	q	LinStatic	-0.078	18.694	24.637	111.8876	6.3642
383	352	q	LinStatic	-1.637	-20.982	-15.082	-111.9567	-6.6634
383	353	q	LinStatic	1.637	20.982	15.082	119.4979	6.6634
384	353	q	LinStatic	-3.417	-23.273	-5.121	-119.5949	-6.9682
384	354	q	LinStatic	3.417	23.273	5.121	122.1556	6.9682
385	354	q	LinStatic	-5.293	-25.569	5.395	-122.2818	-7.2788
385	355	q	LinStatic	5.293	25.569	-5.395	119.5845	7.2788
386	355	q	LinStatic	-7.286	-27.871	16.618	-119.7399	-7.5956
386	12	q	LinStatic	7.286	27.871	-16.618	111.4310	7.5956
387	9	q	LinStatic	12.079	23.988	6.297	120.7008	-0.2897
387	356	q	LinStatic	-12.079	-23.988	-6.297	-117.5524	0.2897
388	356	q	LinStatic	9.995	21.787	12.147	117.4496	-0.2891
388	357	q	LinStatic	-9.995	-21.787	-12.147	-111.3760	0.2891
389	357	q	LinStatic	8.001	19.589	17.560	111.3008	-0.2887
389	358	q	LinStatic	-8.001	-19.589	-17.560	-102.5209	0.2887
390	358	q	LinStatic	6.115	17.396	22.672	102.4714	-0.2886
390	359	q	LinStatic	-6.115	-17.396	-22.672	-91.1355	0.2886
391	359	q	LinStatic	4.336	15.207	27.609	91.1094	-0.2887
391	360	q	LinStatic	-4.336	-15.207	-27.609	-77.3048	0.2887
392	360	q	LinStatic	2.648	13.020	32.484	77.2991	-0.2891
392	361	q	LinStatic	-2.648	-13.020	-32.484	-61.0569	0.2891
393	361	q	LinStatic	1.024	10.836	37.393	61.0678	-0.2897
393	362	q	LinStatic	-1.024	-10.836	-37.393	-42.3714	0.2897
394	362	q	LinStatic	-0.569	8.654	42.411	42.3948	-0.2905
394	363	q	LinStatic	0.569	-8.654	-42.411	-21.1894	0.2905
395	363	q	LinStatic	-2.166	6.474	47.592	21.2205	-0.2916
395	364	q	LinStatic	2.166	-6.474	-47.592	-2.5754	0.2916
396	364	q	LinStatic	-3.800	4.295	52.964	-2.5420	-0.2929
396	365	q	LinStatic	3.800	-4.295	-52.964	29.0239	0.2929
397	365	q	LinStatic	-5.501	2.117	58.526	-28.9944	-0.2945
397	366	q	LinStatic	5.501	-2.117	-58.526	58.2576	0.2945
398	366	q	LinStatic	-7.289	-0.060	64.247	-58.2386	-0.2963
398	8	q	LinStatic	7.289	0.060	-64.247	90.3622	0.2963
399	8	q	LinStatic	12.037	22.006	-3.197	41.5293	8.7682
399	367	q	LinStatic	-12.037	-22.006	3.197	-43.1277	-8.7682
400	367	q	LinStatic	10.114	19.833	2.644	43.1389	8.7735
400	368	q	LinStatic	-10.114	-19.833	-2.644	-41.8171	-8.7735
401	368	q	LinStatic	8.201	17.664	8.568	41.8387	8.7862
401	369	q	LinStatic	-8.201	-17.664	-8.568	-37.5549	-8.7862
402	369	q	LinStatic	6.325	15.499	14.629	37.5860	8.8063
402	370	q	LinStatic	-6.325	-15.499	-14.629	-30.2716	-8.8063
403	370	q	LinStatic	4.493	13.336	20.875	30.3109	8.8339
403	371	q	LinStatic	-4.493	-13.336	-20.875	-19.8734	-8.8339

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404	371	q	LinStatic	2.697	11.176	27.346	19.9187	8.8689
404	372	q	LinStatic	-2.697	-11.176	-27.346	-6.2455	-8.8689
405	372	q	LinStatic	0.921	9.019	34.070	6.2941	8.9114
405	373	q	LinStatic	-0.921	-9.019	-34.070	10.7407	-8.9114
406	373	q	LinStatic	-0.862	6.863	41.056	-10.6928	8.9614
406	374	q	LinStatic	0.862	-6.863	-41.056	31.2206	-8.9614
407	374	q	LinStatic	-2.677	4.709	48.295	-31.1776	9.0190
407	375	q	LinStatic	2.677	-4.709	-48.295	55.3250	-9.0190
408	375	q	LinStatic	-4.551	2.556	55.753	-55.2925	9.0842
408	376	q	LinStatic	4.551	-2.556	-55.753	83.1689	-9.0842
409	376	q	LinStatic	-6.501	0.403	63.367	-83.1531	9.1571
409	377	q	LinStatic	6.501	-0.403	-63.367	114.8365	-9.1571
410	377	q	LinStatic	-8.536	-1.750	71.040	-114.8446	9.2376
410	7	q	LinStatic	8.536	1.750	-71.040	150.3645	-9.2376
411	7	q	LinStatic	12.481	13.266	-20.767	8.9104	-8.1195
411	378	q	LinStatic	-12.481	-13.266	20.767	-19.2938	8.1195
412	378	q	LinStatic	10.351	11.115	-13.375	19.2571	-8.0379
412	379	q	LinStatic	-10.351	-11.115	13.375	-25.9444	8.0379
413	379	q	LinStatic	8.250	8.967	-6.161	25.9132	-7.9632
413	380	q	LinStatic	-8.250	-8.967	6.161	-28.9938	7.9632
414	380	q	LinStatic	6.203	6.821	0.909	28.9692	-7.8952
414	381	q	LinStatic	-6.203	-6.821	-0.909	-28.5149	7.8952
415	381	q	LinStatic	4.211	4.676	7.873	28.4972	-7.8338
415	382	q	LinStatic	-4.211	-4.676	-7.873	-24.5606	7.8338
416	382	q	LinStatic	2.265	2.532	14.770	24.5493	-7.7791
416	383	q	LinStatic	-2.265	-2.532	-14.770	-17.1642	7.7791
417	383	q	LinStatic	0.341	0.388	21.633	17.1579	-7.7309
417	384	q	LinStatic	-0.341	-0.388	-21.633	-6.3416	7.7309
418	384	q	LinStatic	-1.585	-1.755	28.485	6.3382	-7.6892
418	385	q	LinStatic	1.585	1.755	-28.485	7.9041	7.6892
419	385	q	LinStatic	-3.544	-3.899	35.337	-7.9077	-7.6540
419	386	q	LinStatic	3.544	3.899	-35.337	25.5761	7.6540
420	386	q	LinStatic	-5.558	-6.044	42.183	-25.5837	-7.6253
420	387	q	LinStatic	5.558	6.044	-42.183	46.6752	7.6253
421	387	q	LinStatic	-7.643	-8.190	48.996	-46.6916	-7.6030
421	388	q	LinStatic	7.643	8.190	-48.996	71.1895	7.6030
422	388	q	LinStatic	-9.801	-10.337	55.722	-71.2201	-7.5872
422	6	q	LinStatic	9.801	10.337	-55.722	99.0810	7.5872
423	6	q	LinStatic	13.489	1.824	-11.435	34.4572	-2.3463
423	389	q	LinStatic	-13.489	-1.824	11.435	-40.1746	2.3463
424	389	q	LinStatic	11.287	-0.325	-5.119	40.1325	-2.3388
424	390	q	LinStatic	-11.287	0.325	5.119	-42.6918	2.3388
425	390	q	LinStatic	9.153	-2.474	1.009	42.6596	-2.3333
425	391	q	LinStatic	-9.153	2.474	-1.009	-42.1552	2.3333
426	391	q	LinStatic	7.120	-4.624	7.002	42.1333	-2.3297
426	392	q	LinStatic	-7.120	4.624	-7.002	-38.6326	2.3297
427	392	q	LinStatic	5.194	-6.775	12.913	38.6204	-2.3282
427	393	q	LinStatic	-5.194	6.775	-12.913	-32.1637	2.3282
428	393	q	LinStatic	3.368	-8.927	18.794	32.1601	-2.3285
428	394	q	LinStatic	-3.368	8.927	-18.794	-22.7630	2.3285
429	394	q	LinStatic	1.619	-11.081	24.685	22.7660	-2.3309
429	395	q	LinStatic	-1.619	11.081	-24.685	-10.4236	2.3309
430	395	q	LinStatic	-0.082	-13.237	30.616	10.4306	-2.3352
430	396	q	LinStatic	0.082	13.237	-30.616	4.8776	2.3352
431	396	q	LinStatic	-1.768	-15.396	36.604	-4.8699	-2.3415
431	397	q	LinStatic	1.768	15.396	-36.604	23.1717	2.3415
432	397	q	LinStatic	-3.472	-17.558	42.644	-23.1674	-2.3497
432	398	q	LinStatic	3.472	17.558	-42.644	44.4895	2.3497
433	398	q	LinStatic	-5.222	-19.723	48.712	-44.4934	-2.3600
433	399	q	LinStatic	5.222	19.723	-48.712	68.8496	2.3600
434	399	q	LinStatic	-7.040	-21.892	54.758	-68.8671	-2.3722
434	5	q	LinStatic	7.040	21.892	-54.758	96.2460	2.3722
435	5	q	LinStatic	12.265	-0.153	-9.312	33.1695	-0.1458
435	400	q	LinStatic	-12.265	0.153	9.312	-37.8256	0.1458
436	400	q	LinStatic	10.347	-2.327	-3.542	37.7967	-0.1601
436	401	q	LinStatic	-10.347	2.327	3.542	-39.5676	0.1601
437	401	q	LinStatic	8.460	-4.501	2.105	39.5481	-0.1746
437	402	q	LinStatic	-8.460	4.501	-2.105	-38.4955	0.1746
438	402	q	LinStatic	6.635	-6.676	7.679	38.4853	-0.1893
438	403	q	LinStatic	-6.635	6.676	-7.679	-34.6457	0.1893
439	403	q	LinStatic	4.881	-8.853	13.229	34.6444	-0.2041
439	404	q	LinStatic	-4.881	8.853	-13.229	-28.0298	0.2041
440	404	q	LinStatic	3.191	-11.031	18.800	28.0360	-0.2190
440	405	q	LinStatic	-3.191	11.031	-18.800	-18.6360	0.2190
441	405	q	LinStatic	1.550	-13.212	24.428	18.6479	-0.2342
441	406	q	LinStatic	-1.550	13.212	-24.428	-6.4340	0.2342
442	406	q	LinStatic	-0.069	-15.395	30.138	6.4489	-0.2495
442	407	q	LinStatic	0.069	15.395	-30.138	8.6201	0.2495
443	407	q	LinStatic	-1.695	-17.581	35.941	-8.6055	-0.2651
443	408	q	LinStatic	1.695	17.581	-35.941	26.5759	0.2651
444	408	q	LinStatic	-3.356	-19.771	41.829	-26.5655	-0.2809
444	409	q	LinStatic	3.356	19.771	-41.829	47.4799	0.2809
445	409	q	LinStatic	-5.078	-21.964	47.773	-47.4785	-0.2969
445	410	q	LinStatic	5.078	21.964	-47.773	71.3650	0.2969
446	410	q	LinStatic	-6.877	-24.163	53.718	-71.3779	-0.3132
446	4	q	LinStatic	6.877	24.163	-53.718	98.2371	0.3132
447	4	q	LinStatic	12.379	-2.501	-10.600	31.6267	0.5485
447	411	q	LinStatic	-12.379	2.501	10.600	-36.9265	-0.5485
448	411	q	LinStatic	10.470	-4.705	-4.889	36.9014	0.5324

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448	412	q	LinStatic	-10.470	4.705	4.889	-39.3458	-0.5324
449	412	q	LinStatic	8.590	-6.909	0.717	39.3299	0.5168
449	413	q	LinStatic	-8.590	6.909	-0.717	-38.9717	-0.5168
450	413	q	LinStatic	6.770	-9.115	6.267	38.9652	0.5016
450	414	q	LinStatic	-6.770	9.115	-6.267	-35.8320	-0.5016
451	414	q	LinStatic	5.023	-11.323	11.811	35.8345	0.4868
451	415	q	LinStatic	-5.023	11.323	-11.811	-29.9291	-0.4868
452	415	q	LinStatic	3.343	-13.533	17.395	29.9397	0.4725
452	416	q	LinStatic	-3.343	13.533	-17.395	-21.2420	-0.4725
453	416	q	LinStatic	1.713	-15.745	23.059	21.2587	0.4585
453	417	q	LinStatic	-1.713	15.745	-23.059	-9.7292	-0.4585
454	417	q	LinStatic	0.107	-17.961	28.830	9.7496	0.4449
454	418	q	LinStatic	-0.107	17.961	-28.830	4.6653	-0.4449
455	418	q	LinStatic	-1.502	-20.181	34.723	-4.6443	0.4317
455	419	q	LinStatic	1.502	20.181	-34.723	22.0057	-0.4317
456	419	q	LinStatic	-3.146	-22.404	40.735	-21.9878	0.4189
456	420	q	LinStatic	3.146	22.404	-40.735	42.3553	-0.4189
457	420	q	LinStatic	-4.848	-24.632	46.842	-42.3452	0.4064
457	421	q	LinStatic	4.848	24.632	-46.842	65.7663	-0.4064
458	421	q	LinStatic	-6.629	-26.866	52.997	-65.7693	0.3943
458	3	q	LinStatic	6.629	26.866	-52.997	92.2678	-0.3943
459	3	q	LinStatic	12.510	-5.390	-9.306	37.2429	0.4486
459	422	q	LinStatic	-12.510	5.390	9.306	-41.8961	-0.4486
460	422	q	LinStatic	10.612	-7.629	-3.273	41.8836	0.4372
460	423	q	LinStatic	-10.612	7.629	3.273	-43.5201	-0.4372
461	423	q	LinStatic	8.734	-9.870	2.721	43.5179	0.4261
461	424	q	LinStatic	-8.734	9.870	-2.721	-42.1572	-0.4261
462	424	q	LinStatic	6.907	-12.113	8.733	42.1654	0.4154
462	425	q	LinStatic	-6.907	12.113	-8.733	-37.7990	-0.4154
463	425	q	LinStatic	5.139	-14.359	14.814	37.8169	0.4051
463	426	q	LinStatic	-5.139	14.359	-14.814	-30.4097	-0.4051
464	426	q	LinStatic	3.420	-16.607	21.015	30.4358	0.3951
464	427	q	LinStatic	-3.420	16.607	-21.015	-19.9284	-0.3951
465	427	q	LinStatic	1.731	-18.859	27.374	19.9605	0.3854
465	428	q	LinStatic	-1.731	18.859	-27.374	-6.2736	-0.3854
466	428	q	LinStatic	0.042	-21.114	33.919	6.3089	0.3760
466	429	q	LinStatic	-0.042	21.114	-33.919	10.6505	-0.3760
467	429	q	LinStatic	-1.679	-23.374	40.660	-10.6157	0.3670
467	430	q	LinStatic	1.679	23.374	-40.660	30.9458	-0.3670
468	430	q	LinStatic	-3.467	-25.639	47.588	-30.9161	0.3583
468	431	q	LinStatic	3.467	25.639	-47.588	54.7103	-0.3583
469	431	q	LinStatic	-5.351	-27.908	54.669	-54.6909	0.3499
469	432	q	LinStatic	5.351	27.908	-54.669	82.0256	-0.3499
470	432	q	LinStatic	-7.351	-30.183	61.841	-82.0227	0.3418
470	2	q	LinStatic	7.351	30.183	-61.841	112.9431	-0.3418

Table: Element Joint Forces - Frames, Part 2 of 2

Frame Text	Joint Text	OutputCase Text	M3 KN-m	FrameElem Text
4	37	q	17.4305	371
4	20	q	-21.7343	371
7	11	q	-6.7971	372
7	50	q	3.6572	372
9	19	q	-22.3009	373
9	73	q	17.9475	373
11	18	q	-15.6865	374
11	96	q	11.9027	374
13	17	q	-15.8648	375
13	119	q	12.0833	375
15	16	q	-15.1925	376
15	142	q	11.4741	376
17	15	q	-15.1384	377
17	165	q	11.4156	377
19	14	q	-16.5425	378
19	188	q	12.6946	378
21	13	q	-16.5267	379
21	211	q	12.6582	379
23	12	q	-12.5568	380
23	234	q	8.9555	380
29	433	q	-19.0063	381
29	437	q	12.8001	381
30	437	q	-12.8118	382
30	438	q	7.4018	382
31	1	q	6.6355	1
31	21	q	-1.6179	1
32	21	q	1.6639	2
32	22	q	2.3768	2
33	22	q	-2.3311	3
33	23	q	5.4976	3
34	23	q	-5.4554	4
34	24	q	7.8454	4
35	24	q	-7.8093	5
35	25	q	9.5099	5
36	25	q	-9.4815	6
36	26	q	10.5640	6
37	26	q	-10.5447	7

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37	27	q	11.0619	7
38	27	q	-11.0523	8
38	28	q	11.0359	8
39	28	q	-11.0362	9
39	29	q	10.4963	9
40	29	q	-10.5063	10
40	30	q	9.4310	10
41	30	q	-9.4501	11
41	31	q	7.8070	11
42	31	q	-7.8338	12
42	32	q	5.5718	12
43	32	q	-5.6047	13
43	33	q	2.6571	13
44	33	q	-2.6937	14
44	34	q	-1.0172	14
45	34	q	0.9799	15
45	35	q	-5.5372	15
46	35	q	5.5028	16
46	36	q	-10.9880	16
47	36	q	10.9610	17
47	37	q	-17.4447	17
48	438	q	-7.4208	383
48	439	q	2.7826	383
49	439	q	-2.8053	384
49	440	q	-1.0927	384
50	440	q	1.0694	385
50	441	q	-4.2615	385
51	441	q	4.2402	386
51	442	q	-6.7595	386
52	442	q	6.7421	387
52	443	q	-8.6171	387
53	443	q	8.6053	388
53	444	q	-9.8575	388
54	444	q	9.8524	389
54	445	q	-10.4942	389
55	445	q	10.4965	390
55	446	q	-10.5303	390
56	446	q	10.5402	391
56	447	q	-9.9576	391
57	447	q	9.9749	392
57	448	q	-8.7564	392
58	448	q	8.7805	393
58	449	q	-6.8965	393
59	449	q	6.9262	394
59	450	q	-4.3377	394
60	450	q	4.3715	395
60	451	q	-1.0326	395
61	451	q	1.0684	396
61	434	q	3.0718	396
62	50	q	-3.7028	18
62	51	q	-0.7613	18
63	51	q	0.7144	19
63	52	q	-4.2517	19
64	52	q	4.2070	20
64	53	q	-6.9198	20
65	53	q	6.8801	21
65	54	q	-8.8622	21
66	54	q	8.8296	22
66	55	q	-10.1610	22
67	55	q	10.1370	23
67	56	q	-10.8804	23
68	56	q	10.8658	24
68	57	q	-11.0637	24
69	57	q	11.0590	25
69	58	q	-10.7325	25
70	58	q	10.7377	26
70	59	q	-9.8861	26
71	59	q	9.9005	27
71	60	q	-8.5018	27
72	60	q	8.5246	28
72	61	q	-6.5375	28
73	61	q	6.5670	29
73	62	q	-3.9331	29
74	62	q	3.9674	30
74	63	q	-0.6155	30
75	63	q	0.6518	31
75	64	q	3.4973	31
76	64	q	-3.4622	32
76	65	q	8.4891	32
77	65	q	-8.4594	33
77	66	q	14.4380	33
78	66	q	-14.4187	34
78	10	q	21.4065	34
79	435	q	-15.7130	397
79	452	q	10.0571	397
80	452	q	-10.0686	398
80	453	q	5.2013	398
81	453	q	-5.2183	399
81	454	q	1.1170	399

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82	454	q	-1.1363	400
82	455	q	-2.2266	400
83	455	q	2.2077	401
83	456	q	-4.8608	401
84	456	q	4.8444	402
84	457	q	-6.8139	402
85	457	q	6.8018	403
85	458	q	-8.1087	403
86	73	q	-17.9563	35
86	74	q	11.3847	35
87	74	q	-11.4067	36
87	75	q	5.8437	36
88	75	q	-5.8735	37
88	76	q	1.2590	37
89	76	q	-1.2920	38
89	77	q	-2.4458	38
90	77	q	2.4133	39
90	78	q	-5.3481	39
91	78	q	5.3191	40
91	79	q	-7.5200	40
92	79	q	7.4968	41
92	80	q	-9.0220	41
93	80	q	9.0063	42
93	81	q	-9.8993	42
94	81	q	9.8921	43
94	82	q	-10.1787	43
95	82	q	10.1805	44
95	83	q	-9.8666	44
96	83	q	9.8774	45
96	84	q	-8.9490	45
97	84	q	8.9684	46
97	85	q	-7.3920	46
98	85	q	7.4187	47
98	86	q	-5.1430	47
99	86	q	5.1754	48
99	87	q	-2.1345	48
100	87	q	2.1701	49
100	88	q	1.7122	49
101	88	q	-1.6763	50
101	89	q	6.4807	50
102	89	q	-6.4485	51
102	2	q	12.2525	51
103	458	q	8.1020	404
103	459	q	-8.7603	404
104	459	q	8.7597	405
104	460	q	-8.7749	405
105	460	q	8.7806	406
105	461	q	-8.1492	406
106	461	q	8.1610	407
106	462	q	-6.8701	407
107	462	q	6.8874	408
107	463	q	-4.9160	408
108	463	q	4.9376	409
108	464	q	-2.2572	409
109	464	q	2.2814	410
109	465	q	1.1414	410
110	96	q	-11.9258	52
110	97	q	6.3216	52
111	97	q	-6.3529	53
111	98	q	1.7029	53
112	98	q	-1.7378	54
112	99	q	-2.0335	54
113	99	q	1.9987	55
113	100	q	-4.9699	55
114	100	q	4.9382	56
114	101	q	-7.1839	56
115	101	q	7.1577	57
115	102	q	-8.7424	57
116	102	q	8.7233	58
116	103	q	-9.6975	58
117	103	q	9.6867	59
117	104	q	-10.0835	59
118	104	q	10.0817	60
118	105	q	-9.9151	60
119	105	q	9.9223	61
119	106	q	-9.1864	61
120	106	q	9.2022	62
120	107	q	-7.8715	62
121	107	q	7.8950	63
121	108	q	-5.9259	63
122	108	q	5.9556	64
122	109	q	-3.2888	64
123	109	q	3.3227	65
123	110	q	0.1129	65
124	110	q	-0.0776	66
124	111	q	4.3598	66
125	111	q	-4.3264	67
125	112	q	9.5329	67
126	112	q	-9.5058	68

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126	3	q	15.7059	68
127	465	q	-1.1168	411
127	466	q	5.3182	411
128	466	q	-5.2959	412
128	436	q	10.3110	412
129	7	q	-5.4863	413
129	467	q	2.1176	413
130	467	q	-2.1091	414
130	468	q	-0.1600	414
131	468	q	0.1675	415
131	469	q	-1.3190	415
132	469	q	1.3272	416
132	470	q	-1.3424	416
133	470	q	1.3518	417
133	471	q	-0.2085	417
134	119	q	-12.1056	69
134	120	q	6.5008	69
135	120	q	-6.5315	70
135	121	q	1.8781	70
136	121	q	-1.9126	71
136	122	q	-1.8636	71
137	122	q	1.8291	72
137	123	q	-4.8061	72
138	123	q	4.7745	73
138	124	q	-7.0261	73
139	124	q	6.9999	74
139	125	q	-8.5905	74
140	125	q	8.5713	75
140	126	q	-9.5515	75
141	126	q	9.5405	76
141	127	q	-9.9438	76
142	127	q	9.9415	77
142	128	q	-9.7826	77
143	128	q	9.7893	78
143	129	q	-9.0633	78
144	129	q	9.0784	79
144	130	q	-7.7609	79
145	130	q	7.7837	80
145	131	q	-5.8326	80
146	131	q	5.8615	81
146	132	q	-3.2192	81
147	132	q	3.2522	82
147	133	q	0.1506	82
148	133	q	-0.1162	83
148	134	q	4.3551	83
149	134	q	-4.3227	84
149	135	q	9.4734	84
150	135	q	-9.4472	85
150	4	q	15.5771	85
151	471	q	0.2188	418
151	472	q	2.1086	418
152	472	q	-2.0992	419
152	473	q	5.6368	419
153	473	q	-5.6312	420
153	435	q	10.4005	420
154	435	q	5.3103	421
154	474	q	-6.8470	421
155	474	q	6.8507	422
155	475	q	-7.1469	422
156	475	q	7.1574	423
156	476	q	-6.1955	423
157	476	q	6.2125	424
157	477	q	-3.9576	424
158	142	q	-11.4980	86
158	143	q	6.0008	86
159	143	q	-6.0325	87
159	144	q	1.4807	87
160	144	q	-1.5158	88
160	145	q	-2.1664	88
161	145	q	2.1316	89
161	146	q	-5.0231	89
162	146	q	4.9915	90
162	147	q	-7.1666	90
163	147	q	7.1405	91
163	148	q	-8.6635	91
164	148	q	8.6445	92
164	149	q	-9.5657	92
165	149	q	9.5549	93
165	150	q	-9.9072	93
166	150	q	9.9052	94
166	151	q	-9.7030	94
167	151	q	9.7098	95
167	152	q	-8.9476	95
168	152	q	8.9629	96
168	153	q	-7.6161	96
169	153	q	7.6388	97
169	154	q	-5.6654	97
170	154	q	5.6941	98
170	155	q	-3.0365	98



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171	155	q	3.0691	99
171	156	q	0.3412	99
172	156	q	-0.3073	100
172	157	q	4.5452	100
173	157	q	-4.5135	101
173	158	q	9.6532	101
174	158	q	-9.6279	102
174	5	q	15.7351	102
175	477	q	3.9795	425
175	478	q	-0.3814	425
176	478	q	0.4053	426
176	479	q	4.5960	426
177	479	q	-4.5740	427
177	480	q	11.0398	427
178	480	q	-11.0255	428
178	433	q	19.0061	428
179	434	q	-3.0367	429
179	481	q	5.9205	429
180	481	q	-5.8898	430
180	482	q	7.3131	430
181	482	q	-7.2887	431
181	483	q	7.3214	431
182	165	q	-11.4386	103
182	166	q	5.9375	103
183	166	q	-5.9683	104
183	167	q	1.4187	104
184	167	q	-1.4528	105
184	168	q	-2.2191	105
185	168	q	2.1854	106
185	169	q	-5.0563	106
186	169	q	5.0258	107
186	170	q	-7.1676	107
187	170	q	7.1426	108
187	171	q	-8.6173	108
188	171	q	8.5994	109
188	172	q	-9.4547	109
189	172	q	9.4449	110
189	173	q	-9.7117	110
190	173	q	9.7105	111
190	174	q	-9.4007	111
191	174	q	9.4082	112
191	175	q	-8.5147	112
192	175	q	8.5303	113
192	176	q	-7.0275	113
193	176	q	7.0501	114
193	177	q	-4.8954	114
194	177	q	4.9233	115
194	178	q	-2.0603	115
195	178	q	2.0914	116
195	179	q	1.5464	116
196	179	q	-1.5150	117
196	180	q	5.9980	117
197	180	q	-5.9700	118
197	181	q	11.3659	118
198	181	q	-11.3457	119
198	6	q	17.7106	119
199	483	q	-7.3041	432
199	484	q	5.9983	432
200	484	q	-5.9874	433
200	485	q	3.3773	433
201	485	q	-3.3709	434
201	486	q	-0.5238	434
202	486	q	0.5288	435
202	487	q	-5.6971	435
203	487	q	5.7051	436
203	436	q	-12.1348	436
204	436	q	1.8405	437
204	488	q	1.4468	437
205	488	q	-1.4300	438
205	489	q	3.5260	438
206	188	q	-12.7156	120
206	189	q	7.0057	120
207	189	q	-7.0355	121
207	190	q	2.2901	121
208	190	q	-2.3241	122
208	191	q	-1.5295	122
209	191	q	1.4952	123
209	192	q	-4.5342	123
210	192	q	4.5026	124
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212	195	q	-9.3769	126
213	195	q	9.3652	127
213	196	q	-9.7751	127
214	196	q	9.7720	128
214	197	q	-9.6093	128
215	197	q	9.6149	129

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216	199	q	-7.5549	130
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218	200	q	5.6310	132
218	201	q	-2.9672	132
219	201	q	2.9984	133
219	202	q	0.4224	133
220	202	q	-0.3900	134
220	203	q	4.6392	134
221	203	q	-4.6092	135
221	204	q	9.7579	135
222	204	q	-9.7343	136
222	7	q	15.8446	136
223	489	q	-3.5116	439
223	490	q	4.4570	439
224	490	q	-4.4465	440
224	491	q	4.2731	440
225	491	q	-4.2668	441
225	492	q	2.9958	441
226	492	q	-2.9930	442
226	493	q	0.6348	442
227	493	q	-0.6337	443
227	494	q	-2.8086	443
228	494	q	2.8107	444
228	6	q	-7.3358	444
230	211	q	-12.6808	137
230	212	q	6.9446	137
231	212	q	-6.9761	138
231	213	q	2.2106	138
232	213	q	-2.2462	139
232	214	q	-1.6250	139
233	214	q	1.5891	140
233	215	q	-4.6465	140
234	215	q	4.6135	141
234	216	q	-6.9343	141
235	216	q	6.9064	142
235	217	q	-8.5587	142
236	217	q	8.5378	143
236	218	q	-9.5756	143
237	218	q	9.5629	144
237	219	q	-10.0238	144
238	219	q	10.0199	145
238	220	q	-9.9221	145
239	220	q	9.9272	146
239	221	q	-9.2695	146
240	221	q	9.2833	147
240	222	q	-8.0447	147
241	222	q	8.0662	148
241	223	q	-6.2075	148
242	223	q	6.2355	149
242	224	q	-3.7013	149
243	224	q	3.7338	150
243	225	q	-0.4566	150
244	225	q	0.4910	151
244	226	q	3.6042	151
245	226	q	-3.5712	152
245	227	q	8.5606	152
246	227	q	-8.5331	153
246	8	q	14.4859	153
254	234	q	-8.9852	154
254	235	q	3.7240	154
255	235	q	-3.7594	155
255	236	q	-0.5355	155
256	236	q	0.4986	156
256	237	q	-3.9088	156
257	237	q	3.8740	157
257	238	q	-6.4800	157
258	238	q	6.4498	158
258	239	q	-8.3244	158
259	239	q	8.3009	159
259	240	q	-9.5039	159
260	240	q	9.4884	160
260	241	q	-10.0632	160
261	241	q	10.0565	161
261	242	q	-10.0277	161
262	242	q	10.0301	162
262	243	q	-9.4025	162
263	243	q	9.4136	163
263	244	q	-8.1722	163
264	244	q	8.1912	164
264	245	q	-6.3022	164
265	245	q	6.3278	165
265	246	q	-3.7414	165
266	246	q	3.7715	166
266	247	q	-0.4254	166
267	247	q	0.4574	167
267	248	q	3.7184	167

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269	249	q	-8.7394	169
269	250	q	14.7804	169
270	250	q	-14.7661	170
270	9	q	21.8186	170
271	20	q	21.7302	171
271	251	q	-13.5578	171
272	251	q	13.5707	172
272	252	q	-6.8084	172
273	252	q	6.8311	173
273	253	q	-1.4290	173
274	253	q	1.4557	174
274	254	q	2.6524	174
275	254	q	-2.6262	175
275	255	q	5.5096	175
276	255	q	-5.4874	176
276	256	q	7.2089	176
277	256	q	-7.1928	177
277	257	q	7.8018	177
278	257	q	-7.7929	178
278	19	q	7.3210	178
279	12	q	14.3318	179
279	258	q	-7.6685	179
280	258	q	7.6549	180
280	259	q	-2.0931	180
281	259	q	2.0843	181
281	260	q	2.3525	181
282	260	q	-2.3614	182
282	261	q	5.6544	182
283	261	q	-5.6672	183
283	262	q	7.7917	183
284	262	q	-7.8110	184
284	263	q	8.7285	184
285	263	q	-8.7558	185
285	264	q	8.4089	185
286	264	q	-8.4445	186
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287	10	q	-21.4033	187
287	265	q	13.2963	187
288	265	q	-13.3099	188
288	266	q	6.6169	188
289	266	q	-6.6401	189
289	267	q	1.3098	189
290	267	q	-1.3368	190
290	268	q	-2.6977	190
291	268	q	2.6714	191
291	269	q	-5.4800	191
292	269	q	5.4576	192
292	270	q	-7.1035	192
293	270	q	7.0872	193
293	271	q	-7.6203	193
294	271	q	7.6110	194
294	9	q	-7.0637	194
295	2	q	-14.2446	195
295	272	q	7.6089	195
296	272	q	-7.5957	196
296	273	q	2.0637	196
297	273	q	-2.0552	197
297	274	q	-2.3502	197
298	274	q	2.3589	198
298	275	q	-5.6195	198
299	275	q	5.6320	199
299	276	q	-7.7239	199
300	276	q	7.7429	200
300	277	q	-8.6282	200
301	277	q	8.6551	201
301	278	q	-8.2771	201
302	278	q	8.3122	202
302	1	q	-6.5932	202
303	19	q	14.9815	203
303	279	q	-8.9182	203
304	279	q	8.9313	204
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305	280	q	3.9323	205
305	281	q	0.0855	205
306	281	q	-0.0643	206
306	282	q	3.1354	206
307	282	q	-3.1157	207
307	283	q	5.2934	207
308	283	q	-5.2778	208
308	284	q	6.6080	208
309	284	q	-6.5981	209
309	285	q	7.1134	209
310	285	q	-7.1102	210
310	286	q	6.8274	210
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311	287	q	5.7495	211
312	287	q	-5.7591	212

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F0	20/06/2011

312	288	q	3.8618	212
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314	289	q	-1.1483	214
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315	18	q	18.1543	215
315	290	q	-11.9848	215
316	290	q	11.9833	216
316	291	q	-6.7623	216
317	291	q	6.7699	217
317	292	q	-2.4855	217
318	292	q	2.4976	218
318	293	q	0.8780	218
319	293	q	-0.8652	219
319	294	q	3.3658	219
320	294	q	-3.3549	220
320	295	q	5.0121	220
321	295	q	-5.0053	221
321	296	q	5.8422	221
322	296	q	-5.8407	222
322	297	q	5.8685	222
323	297	q	-5.8726	223
323	298	q	5.0880	223
324	298	q	-5.0974	224
324	299	q	3.4828	224
325	299	q	-3.4964	225
325	300	q	1.0219	225
326	300	q	-1.0377	226
326	17	q	-2.3352	226
327	17	q	18.1849	227
327	301	q	-11.9643	227
328	301	q	11.9637	228
328	302	q	-6.6974	228
329	302	q	6.7058	229
329	303	q	-2.3799	229
330	303	q	2.3927	230
330	304	q	1.0229	230
331	304	q	-1.0094	231
331	305	q	3.5502	231
332	305	q	-3.5389	232
332	306	q	5.2379	232
333	306	q	-5.2308	233
333	307	q	6.1124	233
334	307	q	-6.1108	234
334	308	q	6.1863	234
335	308	q	-6.1907	235
335	309	q	5.4568	235
336	309	q	-5.4668	236
336	310	q	3.9050	236
337	310	q	-3.9195	237
337	311	q	1.4981	237
338	311	q	-1.5153	238
338	16	q	-1.8072	238
339	16	q	16.9827	239
339	312	q	-10.8598	239
340	312	q	10.8563	240
340	313	q	-5.7005	240
341	313	q	5.7050	241
341	314	q	-1.5112	241
342	314	q	1.5191	242
342	315	q	1.7316	242
343	315	q	-1.7238	243
343	316	q	4.0536	243
344	316	q	-4.0485	244
344	317	q	5.4754	244
345	317	q	-5.4750	245
345	318	q	6.0070	245
346	318	q	-6.0121	246
346	319	q	5.6438	246
347	319	q	-5.6545	247
347	320	q	4.3659	247
348	320	q	-4.3814	248
348	321	q	2.1387	248
349	321	q	-2.1574	249
349	322	q	-1.0841	249
350	322	q	1.0649	250
350	15	q	-5.3550	250
351	15	q	20.4773	251
351	323	q	-13.4341	251
352	323	q	13.4344	252
352	324	q	-7.5017	252
353	324	q	7.5121	253
353	325	q	-2.6720	253
354	325	q	2.6873	254
354	326	q	1.0961	254
355	326	q	-1.0800	255
355	327	q	3.8487	255
356	327	q	-3.8350	256
356	328	q	5.6284	256

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F0	20/06/2011

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358	329	q	-6.4639	258
358	330	q	6.3824	258
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359	331	q	5.3748	259
360	331	q	-5.3835	260
360	332	q	3.4287	260
361	332	q	-3.4416	261
361	333	q	0.5142	261
362	333	q	-0.5290	262
362	14	q	-3.4079	262
363	14	q	19.9370	263
363	334	q	-13.1572	263
364	334	q	13.1598	264
364	335	q	-7.4359	264
365	335	q	7.4485	265
365	336	q	-2.7572	265
366	336	q	2.7747	266
366	337	q	0.9251	266
367	337	q	-0.9067	267
367	338	q	3.6627	267
368	338	q	-3.6465	268
368	339	q	5.5040	268
369	339	q	-5.4922	269
369	340	q	6.4874	269
370	340	q	-6.4814	270
370	341	q	6.6372	270
371	341	q	-6.6376	271
371	342	q	5.9610	271
372	342	q	-5.9675	272
372	343	q	4.4495	272
373	343	q	-4.4610	273
373	344	q	2.0779	273
374	344	q	-2.0926	274
374	13	q	-1.1902	274
375	13	q	17.7017	275
375	345	q	-11.4208	275
376	345	q	11.4197	276
376	346	q	-6.0934	276
377	346	q	6.1009	277
377	347	q	-1.7171	277
378	347	q	1.7283	278
378	348	q	1.7397	278
379	348	q	-1.7285	279
379	349	q	4.3114	279
380	349	q	-4.3031	280
380	350	q	6.0271	280
381	350	q	-6.0238	281
381	351	q	6.9049	281
382	351	q	-6.9078	282
382	352	q	6.9470	282
383	352	q	-6.9566	283
383	353	q	6.1381	283
384	353	q	-6.1541	284
384	354	q	4.4454	284
385	354	q	-4.4665	285
385	355	q	1.8198	285
386	355	q	-1.8439	286
386	12	q	-1.7992	286
387	9	q	-14.7571	287
387	356	q	8.7177	287
388	356	q	-8.7312	288
388	357	q	3.7339	288
389	357	q	-3.7534	289
389	358	q	-0.2470	289
390	358	q	0.2258	290
390	359	q	-3.2834	290
391	359	q	3.2639	291
391	360	q	-5.4321	291
392	360	q	5.4168	292
392	361	q	-6.7409	292
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393	362	q	-7.2434	293
394	362	q	7.2407	294
394	363	q	-6.9563	294
395	363	q	6.9604	295
395	364	q	-5.8776	295
396	364	q	5.8879	296
396	365	q	-3.9878	296
397	365	q	4.0029	297
397	366	q	-1.2523	297
398	366	q	1.2699	298
398	8	q	2.3744	298
399	8	q	-16.8432	299
399	367	q	10.8248	299
400	367	q	-10.8210	300
400	368	q	5.7638	300
401	368	q	-5.7681	301

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F0	20/06/2011

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403	371	q	-3.7252	303
404	371	q	3.7198	304
404	372	q	-5.0685	304
405	372	q	5.0673	305
405	373	q	-5.5278	305
406	373	q	5.5317	306
406	374	q	-5.1009	306
407	374	q	5.1100	307
407	375	q	-3.7714	307
408	375	q	3.7847	308
408	376	q	-1.5092	308
409	376	q	1.5251	309
409	377	q	1.7256	309
410	377	q	-1.7098	310
410	7	q	5.9779	310
411	7	q	-16.3241	311
411	378	q	10.0837	311
412	378	q	-10.0843	312
412	379	q	4.9089	312
413	379	q	-4.9168	313
413	380	q	0.7917	313
414	380	q	-0.8023	314
414	381	q	-2.2990	314
415	381	q	2.2890	315
415	382	q	-4.3946	315
416	382	q	4.3879	316
416	383	q	-5.5202	316
417	383	q	5.5183	317
417	384	q	-5.6890	317
418	384	q	5.6925	318
418	385	q	-4.8998	318
419	385	q	4.9084	319
419	386	q	-3.1365	319
420	386	q	3.1490	320
420	387	q	-0.3701	320
421	387	q	0.3843	321
421	388	q	3.4370	321
422	388	q	-3.4243	322
422	6	q	8.3246	322
423	6	q	-18.6924	323
423	389	q	11.9477	323
424	389	q	-11.9554	324
424	390	q	6.3121	324
425	390	q	-6.3287	325
425	391	q	1.7520	325
426	391	q	-1.7725	326
426	392	q	-1.7874	326
427	392	q	1.7670	327
427	393	q	-4.3641	327
428	393	q	4.3466	328
428	394	q	-6.0305	328
429	394	q	6.0180	329
429	395	q	-6.8273	329
430	395	q	6.8210	330
430	396	q	-6.7800	330
431	396	q	6.7802	331
431	397	q	-5.8963	331
432	397	q	5.9027	332
432	398	q	-4.1669	332
433	398	q	4.1781	333
433	399	q	-1.5670	333
434	399	q	1.5810	334
434	5	q	1.9392	334
435	5	q	-17.6604	335
435	400	q	11.5280	335
436	400	q	-11.5282	336
436	401	q	6.3546	336
437	401	q	-6.3634	337
437	402	q	2.1332	337
438	402	q	-2.1462	338
438	403	q	-1.1713	338
439	403	q	1.1578	339
439	404	q	-3.5981	339
440	404	q	3.5870	340
440	405	q	-5.1827	340
441	405	q	5.1758	341
441	406	q	-5.9507	341
442	406	q	5.9492	342
442	407	q	-5.9146	342
443	407	q	5.9188	343
443	408	q	-5.0713	343
444	408	q	5.0808	344
444	409	q	-3.4027	344
445	409	q	3.4163	345
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**SB2 – TABULATI DI CALCOLO**

*Codice documento*  
CZ0429\_F0

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

446	410	q	0.8930	346
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451	414	q	0.9618	351
451	415	q	-3.4734	351
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453	417	q	-5.9821	353
454	417	q	5.9801	354
454	418	q	-6.0337	354
455	418	q	6.0374	355
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456	420	q	-3.7226	356
457	420	q	3.7362	357
457	421	q	-1.3121	357
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459	422	q	11.4214	359
460	422	q	-11.4197	360
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462	425	q	-1.6894	362
463	425	q	1.6787	363
463	426	q	-4.2481	363
464	426	q	4.2403	364
464	427	q	-5.9504	364
465	427	q	5.9475	365
465	428	q	-6.8131	365
466	428	q	6.8164	366
466	429	q	-6.8376	366
467	429	q	6.8475	367
467	430	q	-6.0078	367
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468	431	q	-4.2902	368
469	431	q	4.3113	369
469	432	q	-1.6358	369
470	432	q	1.6597	370
470	2	q	2.0159	370

Table: Frame Auto Mesh Assignments

Frame Text	AutoMesh Yes/No	AtJoints Yes/No	AtFrames Yes/No	NumSegments Unitless	MaxLength m	MaxDegrees Degrees
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9	Yes	Yes	No	0	0.000000	0.000
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SB2 – TABULATI DI CALCOLO

*Codice documento*  
CZ0429\_F0

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

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**SB2 – TABULATI DI CALCOLO**
*Codice documento*  
**CZ0429\_F0**
*Rev* **F0**     *Data* **20/06/2011**

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**SB2 – TABULATI DI CALCOLO**
*Codice documento*  
**CZ0429\_F0**

<i>Rev</i>	<i>Data</i>
F0	20/06/2011

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**SB2 – TABULATI DI CALCOLO**
*Codice documento*  
**CZ0429\_F0**

<i>Rev</i>	<i>Data</i>
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381	Yes	Yes	No	0	0.000000	0.000
382	Yes	Yes	No	0	0.000000	0.000
383	Yes	Yes	No	0	0.000000	0.000
384	Yes	Yes	No	0	0.000000	0.000
385	Yes	Yes	No	0	0.000000	0.000
386	Yes	Yes	No	0	0.000000	0.000
387	Yes	Yes	No	0	0.000000	0.000
388	Yes	Yes	No	0	0.000000	0.000
389	Yes	Yes	No	0	0.000000	0.000
390	Yes	Yes	No	0	0.000000	0.000
391	Yes	Yes	No	0	0.000000	0.000
392	Yes	Yes	No	0	0.000000	0.000
393	Yes	Yes	No	0	0.000000	0.000
394	Yes	Yes	No	0	0.000000	0.000
395	Yes	Yes	No	0	0.000000	0.000
396	Yes	Yes	No	0	0.000000	0.000
397	Yes	Yes	No	0	0.000000	0.000
398	Yes	Yes	No	0	0.000000	0.000
399	Yes	Yes	No	0	0.000000	0.000
400	Yes	Yes	No	0	0.000000	0.000
401	Yes	Yes	No	0	0.000000	0.000
402	Yes	Yes	No	0	0.000000	0.000
403	Yes	Yes	No	0	0.000000	0.000
404	Yes	Yes	No	0	0.000000	0.000
405	Yes	Yes	No	0	0.000000	0.000
406	Yes	Yes	No	0	0.000000	0.000
407	Yes	Yes	No	0	0.000000	0.000
408	Yes	Yes	No	0	0.000000	0.000
409	Yes	Yes	No	0	0.000000	0.000
410	Yes	Yes	No	0	0.000000	0.000
411	Yes	Yes	No	0	0.000000	0.000
412	Yes	Yes	No	0	0.000000	0.000
413	Yes	Yes	No	0	0.000000	0.000
414	Yes	Yes	No	0	0.000000	0.000

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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415	Yes	Yes	No	0	0.000000	0.000
416	Yes	Yes	No	0	0.000000	0.000
417	Yes	Yes	No	0	0.000000	0.000
418	Yes	Yes	No	0	0.000000	0.000
419	Yes	Yes	No	0	0.000000	0.000
420	Yes	Yes	No	0	0.000000	0.000
421	Yes	Yes	No	0	0.000000	0.000
422	Yes	Yes	No	0	0.000000	0.000
423	Yes	Yes	No	0	0.000000	0.000
424	Yes	Yes	No	0	0.000000	0.000
425	Yes	Yes	No	0	0.000000	0.000
426	Yes	Yes	No	0	0.000000	0.000
427	Yes	Yes	No	0	0.000000	0.000
428	Yes	Yes	No	0	0.000000	0.000
429	Yes	Yes	No	0	0.000000	0.000
430	Yes	Yes	No	0	0.000000	0.000
431	Yes	Yes	No	0	0.000000	0.000
432	Yes	Yes	No	0	0.000000	0.000
433	Yes	Yes	No	0	0.000000	0.000
434	Yes	Yes	No	0	0.000000	0.000
435	Yes	Yes	No	0	0.000000	0.000
436	Yes	Yes	No	0	0.000000	0.000
437	Yes	Yes	No	0	0.000000	0.000
438	Yes	Yes	No	0	0.000000	0.000
439	Yes	Yes	No	0	0.000000	0.000
440	Yes	Yes	No	0	0.000000	0.000
441	Yes	Yes	No	0	0.000000	0.000
442	Yes	Yes	No	0	0.000000	0.000
443	Yes	Yes	No	0	0.000000	0.000
444	Yes	Yes	No	0	0.000000	0.000
445	Yes	Yes	No	0	0.000000	0.000
446	Yes	Yes	No	0	0.000000	0.000
447	Yes	Yes	No	0	0.000000	0.000
448	Yes	Yes	No	0	0.000000	0.000
449	Yes	Yes	No	0	0.000000	0.000
450	Yes	Yes	No	0	0.000000	0.000
451	Yes	Yes	No	0	0.000000	0.000
452	Yes	Yes	No	0	0.000000	0.000
453	Yes	Yes	No	0	0.000000	0.000
454	Yes	Yes	No	0	0.000000	0.000
455	Yes	Yes	No	0	0.000000	0.000
456	Yes	Yes	No	0	0.000000	0.000
457	Yes	Yes	No	0	0.000000	0.000
458	Yes	Yes	No	0	0.000000	0.000
459	Yes	Yes	No	0	0.000000	0.000
460	Yes	Yes	No	0	0.000000	0.000
461	Yes	Yes	No	0	0.000000	0.000
462	Yes	Yes	No	0	0.000000	0.000
463	Yes	Yes	No	0	0.000000	0.000
464	Yes	Yes	No	0	0.000000	0.000
465	Yes	Yes	No	0	0.000000	0.000
466	Yes	Yes	No	0	0.000000	0.000
467	Yes	Yes	No	0	0.000000	0.000
468	Yes	Yes	No	0	0.000000	0.000
469	Yes	Yes	No	0	0.000000	0.000
470	Yes	Yes	No	0	0.000000	0.000

Table: Frame Design Procedures

Frame Text	DesignProc Text
4	From Material
7	From Material
9	From Material
11	From Material
13	From Material
15	From Material
17	From Material
19	From Material
21	From Material
23	From Material
29	From Material
30	From Material
31	From Material
32	From Material
33	From Material
34	From Material
35	From Material
36	From Material
37	From Material
38	From Material
39	From Material
40	From Material
41	From Material
42	From Material
43	From Material
44	From Material

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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45 From Material  
46 From Material  
47 From Material  
48 From Material  
49 From Material  
50 From Material  
51 From Material  
52 From Material  
53 From Material  
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127 From Material  
128 From Material  
129 From Material  
130 From Material  
131 From Material  
132 From Material  
133 From Material

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134 From Material  
135 From Material  
136 From Material  
137 From Material  
138 From Material  
139 From Material  
140 From Material  
141 From Material  
142 From Material  
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219 From Material  
220 From Material  
221 From Material  
222 From Material

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223 From Material  
224 From Material  
225 From Material  
226 From Material  
227 From Material  
228 From Material  
230 From Material  
231 From Material  
232 From Material  
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316 From Material  
317 From Material  
318 From Material  
319 From Material

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

320 From Material  
321 From Material  
322 From Material  
323 From Material  
324 From Material  
325 From Material  
326 From Material  
327 From Material  
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407 From Material  
408 From Material



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409 From Material  
410 From Material  
411 From Material  
412 From Material  
413 From Material  
414 From Material  
415 From Material  
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466 From Material  
467 From Material  
468 From Material  
469 From Material  
470 From Material

Table: Frame Output Station Assignments

Frame Text	StationType Text	MinNumSta Unitless	MaxStaSpceg m	AddAtElmInt Yes/No	AddAtPtLoad Yes/No
4	MaxStaSpceg		0.50000	Yes	Yes
7	MaxStaSpceg		0.50000	Yes	Yes
9	MaxStaSpceg		0.50000	Yes	Yes
11	MaxStaSpceg		0.50000	Yes	Yes
13	MaxStaSpceg		0.50000	Yes	Yes
15	MaxStaSpceg		0.50000	Yes	Yes
17	MaxStaSpceg		0.50000	Yes	Yes
19	MaxStaSpceg		0.50000	Yes	Yes
21	MaxStaSpceg		0.50000	Yes	Yes
23	MaxStaSpceg		0.50000	Yes	Yes
29	MaxStaSpceg		0.50000	Yes	Yes
30	MaxStaSpceg		0.50000	Yes	Yes
31	MaxStaSpceg		0.50000	Yes	Yes
32	MaxStaSpceg		0.50000	Yes	Yes
33	MaxStaSpceg		0.50000	Yes	Yes
34	MaxStaSpceg		0.50000	Yes	Yes
35	MaxStaSpceg		0.50000	Yes	Yes
36	MaxStaSpceg		0.50000	Yes	Yes
37	MaxStaSpceg		0.50000	Yes	Yes
38	MaxStaSpceg		0.50000	Yes	Yes

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39	MaxStaSpceg	0.50000	Yes	Yes
40	MaxStaSpceg	0.50000	Yes	Yes
41	MaxStaSpceg	0.50000	Yes	Yes
42	MaxStaSpceg	0.50000	Yes	Yes
43	MaxStaSpceg	0.50000	Yes	Yes
44	MaxStaSpceg	0.50000	Yes	Yes
45	MaxStaSpceg	0.50000	Yes	Yes
46	MaxStaSpceg	0.50000	Yes	Yes
47	MaxStaSpceg	0.50000	Yes	Yes
48	MaxStaSpceg	0.50000	Yes	Yes
49	MaxStaSpceg	0.50000	Yes	Yes
50	MaxStaSpceg	0.50000	Yes	Yes
51	MaxStaSpceg	0.50000	Yes	Yes
52	MaxStaSpceg	0.50000	Yes	Yes
53	MaxStaSpceg	0.50000	Yes	Yes
54	MaxStaSpceg	0.50000	Yes	Yes
55	MaxStaSpceg	0.50000	Yes	Yes
56	MaxStaSpceg	0.50000	Yes	Yes
57	MaxStaSpceg	0.50000	Yes	Yes
58	MaxStaSpceg	0.50000	Yes	Yes
59	MaxStaSpceg	0.50000	Yes	Yes
60	MaxStaSpceg	0.50000	Yes	Yes
61	MaxStaSpceg	0.50000	Yes	Yes
62	MaxStaSpceg	0.50000	Yes	Yes
63	MaxStaSpceg	0.50000	Yes	Yes
64	MaxStaSpceg	0.50000	Yes	Yes
65	MaxStaSpceg	0.50000	Yes	Yes
66	MaxStaSpceg	0.50000	Yes	Yes
67	MaxStaSpceg	0.50000	Yes	Yes
68	MaxStaSpceg	0.50000	Yes	Yes
69	MaxStaSpceg	0.50000	Yes	Yes
70	MaxStaSpceg	0.50000	Yes	Yes
71	MaxStaSpceg	0.50000	Yes	Yes
72	MaxStaSpceg	0.50000	Yes	Yes
73	MaxStaSpceg	0.50000	Yes	Yes
74	MaxStaSpceg	0.50000	Yes	Yes
75	MaxStaSpceg	0.50000	Yes	Yes
76	MaxStaSpceg	0.50000	Yes	Yes
77	MaxStaSpceg	0.50000	Yes	Yes
78	MaxStaSpceg	0.50000	Yes	Yes
79	MaxStaSpceg	0.50000	Yes	Yes
80	MaxStaSpceg	0.50000	Yes	Yes
81	MaxStaSpceg	0.50000	Yes	Yes
82	MaxStaSpceg	0.50000	Yes	Yes
83	MaxStaSpceg	0.50000	Yes	Yes
84	MaxStaSpceg	0.50000	Yes	Yes
85	MaxStaSpceg	0.50000	Yes	Yes
86	MaxStaSpceg	0.50000	Yes	Yes
87	MaxStaSpceg	0.50000	Yes	Yes
88	MaxStaSpceg	0.50000	Yes	Yes
89	MaxStaSpceg	0.50000	Yes	Yes
90	MaxStaSpceg	0.50000	Yes	Yes
91	MaxStaSpceg	0.50000	Yes	Yes
92	MaxStaSpceg	0.50000	Yes	Yes
93	MaxStaSpceg	0.50000	Yes	Yes
94	MaxStaSpceg	0.50000	Yes	Yes
95	MaxStaSpceg	0.50000	Yes	Yes
96	MaxStaSpceg	0.50000	Yes	Yes
97	MaxStaSpceg	0.50000	Yes	Yes
98	MaxStaSpceg	0.50000	Yes	Yes
99	MaxStaSpceg	0.50000	Yes	Yes
100	MaxStaSpceg	0.50000	Yes	Yes
101	MaxStaSpceg	0.50000	Yes	Yes
102	MaxStaSpceg	0.50000	Yes	Yes
103	MaxStaSpceg	0.50000	Yes	Yes
104	MaxStaSpceg	0.50000	Yes	Yes
105	MaxStaSpceg	0.50000	Yes	Yes
106	MaxStaSpceg	0.50000	Yes	Yes
107	MaxStaSpceg	0.50000	Yes	Yes
108	MaxStaSpceg	0.50000	Yes	Yes
109	MaxStaSpceg	0.50000	Yes	Yes
110	MaxStaSpceg	0.50000	Yes	Yes
111	MaxStaSpceg	0.50000	Yes	Yes
112	MaxStaSpceg	0.50000	Yes	Yes
113	MaxStaSpceg	0.50000	Yes	Yes
114	MaxStaSpceg	0.50000	Yes	Yes
115	MaxStaSpceg	0.50000	Yes	Yes
116	MaxStaSpceg	0.50000	Yes	Yes
117	MaxStaSpceg	0.50000	Yes	Yes
118	MaxStaSpceg	0.50000	Yes	Yes
119	MaxStaSpceg	0.50000	Yes	Yes
120	MaxStaSpceg	0.50000	Yes	Yes
121	MaxStaSpceg	0.50000	Yes	Yes
122	MaxStaSpceg	0.50000	Yes	Yes
123	MaxStaSpceg	0.50000	Yes	Yes
124	MaxStaSpceg	0.50000	Yes	Yes
125	MaxStaSpceg	0.50000	Yes	Yes
126	MaxStaSpceg	0.50000	Yes	Yes
127	MaxStaSpceg	0.50000	Yes	Yes

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128	MaxStaSpceg	0.50000	Yes	Yes
129	MaxStaSpceg	0.50000	Yes	Yes
130	MaxStaSpceg	0.50000	Yes	Yes
131	MaxStaSpceg	0.50000	Yes	Yes
132	MaxStaSpceg	0.50000	Yes	Yes
133	MaxStaSpceg	0.50000	Yes	Yes
134	MaxStaSpceg	0.50000	Yes	Yes
135	MaxStaSpceg	0.50000	Yes	Yes
136	MaxStaSpceg	0.50000	Yes	Yes
137	MaxStaSpceg	0.50000	Yes	Yes
138	MaxStaSpceg	0.50000	Yes	Yes
139	MaxStaSpceg	0.50000	Yes	Yes
140	MaxStaSpceg	0.50000	Yes	Yes
141	MaxStaSpceg	0.50000	Yes	Yes
142	MaxStaSpceg	0.50000	Yes	Yes
143	MaxStaSpceg	0.50000	Yes	Yes
144	MaxStaSpceg	0.50000	Yes	Yes
145	MaxStaSpceg	0.50000	Yes	Yes
146	MaxStaSpceg	0.50000	Yes	Yes
147	MaxStaSpceg	0.50000	Yes	Yes
148	MaxStaSpceg	0.50000	Yes	Yes
149	MaxStaSpceg	0.50000	Yes	Yes
150	MaxStaSpceg	0.50000	Yes	Yes
151	MaxStaSpceg	0.50000	Yes	Yes
152	MaxStaSpceg	0.50000	Yes	Yes
153	MaxStaSpceg	0.50000	Yes	Yes
154	MaxStaSpceg	0.50000	Yes	Yes
155	MaxStaSpceg	0.50000	Yes	Yes
156	MaxStaSpceg	0.50000	Yes	Yes
157	MaxStaSpceg	0.50000	Yes	Yes
158	MaxStaSpceg	0.50000	Yes	Yes
159	MaxStaSpceg	0.50000	Yes	Yes
160	MaxStaSpceg	0.50000	Yes	Yes
161	MaxStaSpceg	0.50000	Yes	Yes
162	MaxStaSpceg	0.50000	Yes	Yes
163	MaxStaSpceg	0.50000	Yes	Yes
164	MaxStaSpceg	0.50000	Yes	Yes
165	MaxStaSpceg	0.50000	Yes	Yes
166	MaxStaSpceg	0.50000	Yes	Yes
167	MaxStaSpceg	0.50000	Yes	Yes
168	MaxStaSpceg	0.50000	Yes	Yes
169	MaxStaSpceg	0.50000	Yes	Yes
170	MaxStaSpceg	0.50000	Yes	Yes
171	MaxStaSpceg	0.50000	Yes	Yes
172	MaxStaSpceg	0.50000	Yes	Yes
173	MaxStaSpceg	0.50000	Yes	Yes
174	MaxStaSpceg	0.50000	Yes	Yes
175	MaxStaSpceg	0.50000	Yes	Yes
176	MaxStaSpceg	0.50000	Yes	Yes
177	MaxStaSpceg	0.50000	Yes	Yes
178	MaxStaSpceg	0.50000	Yes	Yes
179	MaxStaSpceg	0.50000	Yes	Yes
180	MaxStaSpceg	0.50000	Yes	Yes
181	MaxStaSpceg	0.50000	Yes	Yes
182	MaxStaSpceg	0.50000	Yes	Yes
183	MaxStaSpceg	0.50000	Yes	Yes
184	MaxStaSpceg	0.50000	Yes	Yes
185	MaxStaSpceg	0.50000	Yes	Yes
186	MaxStaSpceg	0.50000	Yes	Yes
187	MaxStaSpceg	0.50000	Yes	Yes
188	MaxStaSpceg	0.50000	Yes	Yes
189	MaxStaSpceg	0.50000	Yes	Yes
190	MaxStaSpceg	0.50000	Yes	Yes
191	MaxStaSpceg	0.50000	Yes	Yes
192	MaxStaSpceg	0.50000	Yes	Yes
193	MaxStaSpceg	0.50000	Yes	Yes
194	MaxStaSpceg	0.50000	Yes	Yes
195	MaxStaSpceg	0.50000	Yes	Yes
196	MaxStaSpceg	0.50000	Yes	Yes
197	MaxStaSpceg	0.50000	Yes	Yes
198	MaxStaSpceg	0.50000	Yes	Yes
199	MaxStaSpceg	0.50000	Yes	Yes
200	MaxStaSpceg	0.50000	Yes	Yes
201	MaxStaSpceg	0.50000	Yes	Yes
202	MaxStaSpceg	0.50000	Yes	Yes
203	MaxStaSpceg	0.50000	Yes	Yes
204	MaxStaSpceg	0.50000	Yes	Yes
205	MaxStaSpceg	0.50000	Yes	Yes
206	MaxStaSpceg	0.50000	Yes	Yes
207	MaxStaSpceg	0.50000	Yes	Yes
208	MaxStaSpceg	0.50000	Yes	Yes
209	MaxStaSpceg	0.50000	Yes	Yes
210	MaxStaSpceg	0.50000	Yes	Yes
211	MaxStaSpceg	0.50000	Yes	Yes
212	MaxStaSpceg	0.50000	Yes	Yes
213	MaxStaSpceg	0.50000	Yes	Yes
214	MaxStaSpceg	0.50000	Yes	Yes
215	MaxStaSpceg	0.50000	Yes	Yes
216	MaxStaSpceg	0.50000	Yes	Yes

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217	MaxStaSpceg	0.50000	Yes	Yes
218	MaxStaSpceg	0.50000	Yes	Yes
219	MaxStaSpceg	0.50000	Yes	Yes
220	MaxStaSpceg	0.50000	Yes	Yes
221	MaxStaSpceg	0.50000	Yes	Yes
222	MaxStaSpceg	0.50000	Yes	Yes
223	MaxStaSpceg	0.50000	Yes	Yes
224	MaxStaSpceg	0.50000	Yes	Yes
225	MaxStaSpceg	0.50000	Yes	Yes
226	MaxStaSpceg	0.50000	Yes	Yes
227	MaxStaSpceg	0.50000	Yes	Yes
228	MaxStaSpceg	0.50000	Yes	Yes
230	MaxStaSpceg	0.50000	Yes	Yes
231	MaxStaSpceg	0.50000	Yes	Yes
232	MaxStaSpceg	0.50000	Yes	Yes
233	MaxStaSpceg	0.50000	Yes	Yes
234	MaxStaSpceg	0.50000	Yes	Yes
235	MaxStaSpceg	0.50000	Yes	Yes
236	MaxStaSpceg	0.50000	Yes	Yes
237	MaxStaSpceg	0.50000	Yes	Yes
238	MaxStaSpceg	0.50000	Yes	Yes
239	MaxStaSpceg	0.50000	Yes	Yes
240	MaxStaSpceg	0.50000	Yes	Yes
241	MaxStaSpceg	0.50000	Yes	Yes
242	MaxStaSpceg	0.50000	Yes	Yes
243	MaxStaSpceg	0.50000	Yes	Yes
244	MaxStaSpceg	0.50000	Yes	Yes
245	MaxStaSpceg	0.50000	Yes	Yes
246	MaxStaSpceg	0.50000	Yes	Yes
254	MaxStaSpceg	0.50000	Yes	Yes
255	MaxStaSpceg	0.50000	Yes	Yes
256	MaxStaSpceg	0.50000	Yes	Yes
257	MaxStaSpceg	0.50000	Yes	Yes
258	MaxStaSpceg	0.50000	Yes	Yes
259	MaxStaSpceg	0.50000	Yes	Yes
260	MaxStaSpceg	0.50000	Yes	Yes
261	MaxStaSpceg	0.50000	Yes	Yes
262	MaxStaSpceg	0.50000	Yes	Yes
263	MaxStaSpceg	0.50000	Yes	Yes
264	MaxStaSpceg	0.50000	Yes	Yes
265	MaxStaSpceg	0.50000	Yes	Yes
266	MaxStaSpceg	0.50000	Yes	Yes
267	MaxStaSpceg	0.50000	Yes	Yes
268	MaxStaSpceg	0.50000	Yes	Yes
269	MaxStaSpceg	0.50000	Yes	Yes
270	MaxStaSpceg	0.50000	Yes	Yes
271	MaxStaSpceg	0.50000	Yes	Yes
272	MaxStaSpceg	0.50000	Yes	Yes
273	MaxStaSpceg	0.50000	Yes	Yes
274	MaxStaSpceg	0.50000	Yes	Yes
275	MaxStaSpceg	0.50000	Yes	Yes
276	MaxStaSpceg	0.50000	Yes	Yes
277	MaxStaSpceg	0.50000	Yes	Yes
278	MaxStaSpceg	0.50000	Yes	Yes
279	MaxStaSpceg	0.50000	Yes	Yes
280	MaxStaSpceg	0.50000	Yes	Yes
281	MaxStaSpceg	0.50000	Yes	Yes
282	MaxStaSpceg	0.50000	Yes	Yes
283	MaxStaSpceg	0.50000	Yes	Yes
284	MaxStaSpceg	0.50000	Yes	Yes
285	MaxStaSpceg	0.50000	Yes	Yes
286	MaxStaSpceg	0.50000	Yes	Yes
287	MaxStaSpceg	0.50000	Yes	Yes
288	MaxStaSpceg	0.50000	Yes	Yes
289	MaxStaSpceg	0.50000	Yes	Yes
290	MaxStaSpceg	0.50000	Yes	Yes
291	MaxStaSpceg	0.50000	Yes	Yes
292	MaxStaSpceg	0.50000	Yes	Yes
293	MaxStaSpceg	0.50000	Yes	Yes
294	MaxStaSpceg	0.50000	Yes	Yes
295	MaxStaSpceg	0.50000	Yes	Yes
296	MaxStaSpceg	0.50000	Yes	Yes
297	MaxStaSpceg	0.50000	Yes	Yes
298	MaxStaSpceg	0.50000	Yes	Yes
299	MaxStaSpceg	0.50000	Yes	Yes
300	MaxStaSpceg	0.50000	Yes	Yes
301	MaxStaSpceg	0.50000	Yes	Yes
302	MaxStaSpceg	0.50000	Yes	Yes
303	MaxStaSpceg	0.50000	Yes	Yes
304	MaxStaSpceg	0.50000	Yes	Yes
305	MaxStaSpceg	0.50000	Yes	Yes
306	MaxStaSpceg	0.50000	Yes	Yes
307	MaxStaSpceg	0.50000	Yes	Yes
308	MaxStaSpceg	0.50000	Yes	Yes
309	MaxStaSpceg	0.50000	Yes	Yes
310	MaxStaSpceg	0.50000	Yes	Yes
311	MaxStaSpceg	0.50000	Yes	Yes
312	MaxStaSpceg	0.50000	Yes	Yes
313	MaxStaSpceg	0.50000	Yes	Yes

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314	MaxStaSpceg	0.50000	Yes	Yes
315	MaxStaSpceg	0.50000	Yes	Yes
316	MaxStaSpceg	0.50000	Yes	Yes
317	MaxStaSpceg	0.50000	Yes	Yes
318	MaxStaSpceg	0.50000	Yes	Yes
319	MaxStaSpceg	0.50000	Yes	Yes
320	MaxStaSpceg	0.50000	Yes	Yes
321	MaxStaSpceg	0.50000	Yes	Yes
322	MaxStaSpceg	0.50000	Yes	Yes
323	MaxStaSpceg	0.50000	Yes	Yes
324	MaxStaSpceg	0.50000	Yes	Yes
325	MaxStaSpceg	0.50000	Yes	Yes
326	MaxStaSpceg	0.50000	Yes	Yes
327	MaxStaSpceg	0.50000	Yes	Yes
328	MaxStaSpceg	0.50000	Yes	Yes
329	MaxStaSpceg	0.50000	Yes	Yes
330	MaxStaSpceg	0.50000	Yes	Yes
331	MaxStaSpceg	0.50000	Yes	Yes
332	MaxStaSpceg	0.50000	Yes	Yes
333	MaxStaSpceg	0.50000	Yes	Yes
334	MaxStaSpceg	0.50000	Yes	Yes
335	MaxStaSpceg	0.50000	Yes	Yes
336	MaxStaSpceg	0.50000	Yes	Yes
337	MaxStaSpceg	0.50000	Yes	Yes
338	MaxStaSpceg	0.50000	Yes	Yes
339	MaxStaSpceg	0.50000	Yes	Yes
340	MaxStaSpceg	0.50000	Yes	Yes
341	MaxStaSpceg	0.50000	Yes	Yes
342	MaxStaSpceg	0.50000	Yes	Yes
343	MaxStaSpceg	0.50000	Yes	Yes
344	MaxStaSpceg	0.50000	Yes	Yes
345	MaxStaSpceg	0.50000	Yes	Yes
346	MaxStaSpceg	0.50000	Yes	Yes
347	MaxStaSpceg	0.50000	Yes	Yes
348	MaxStaSpceg	0.50000	Yes	Yes
349	MaxStaSpceg	0.50000	Yes	Yes
350	MaxStaSpceg	0.50000	Yes	Yes
351	MaxStaSpceg	0.50000	Yes	Yes
352	MaxStaSpceg	0.50000	Yes	Yes
353	MaxStaSpceg	0.50000	Yes	Yes
354	MaxStaSpceg	0.50000	Yes	Yes
355	MaxStaSpceg	0.50000	Yes	Yes
356	MaxStaSpceg	0.50000	Yes	Yes
357	MaxStaSpceg	0.50000	Yes	Yes
358	MaxStaSpceg	0.50000	Yes	Yes
359	MaxStaSpceg	0.50000	Yes	Yes
360	MaxStaSpceg	0.50000	Yes	Yes
361	MaxStaSpceg	0.50000	Yes	Yes
362	MaxStaSpceg	0.50000	Yes	Yes
363	MaxStaSpceg	0.50000	Yes	Yes
364	MaxStaSpceg	0.50000	Yes	Yes
365	MaxStaSpceg	0.50000	Yes	Yes
366	MaxStaSpceg	0.50000	Yes	Yes
367	MaxStaSpceg	0.50000	Yes	Yes
368	MaxStaSpceg	0.50000	Yes	Yes
369	MaxStaSpceg	0.50000	Yes	Yes
370	MaxStaSpceg	0.50000	Yes	Yes
371	MaxStaSpceg	0.50000	Yes	Yes
372	MaxStaSpceg	0.50000	Yes	Yes
373	MaxStaSpceg	0.50000	Yes	Yes
374	MaxStaSpceg	0.50000	Yes	Yes
375	MaxStaSpceg	0.50000	Yes	Yes
376	MaxStaSpceg	0.50000	Yes	Yes
377	MaxStaSpceg	0.50000	Yes	Yes
378	MaxStaSpceg	0.50000	Yes	Yes
379	MaxStaSpceg	0.50000	Yes	Yes
380	MaxStaSpceg	0.50000	Yes	Yes
381	MaxStaSpceg	0.50000	Yes	Yes
382	MaxStaSpceg	0.50000	Yes	Yes
383	MaxStaSpceg	0.50000	Yes	Yes
384	MaxStaSpceg	0.50000	Yes	Yes
385	MaxStaSpceg	0.50000	Yes	Yes
386	MaxStaSpceg	0.50000	Yes	Yes
387	MaxStaSpceg	0.50000	Yes	Yes
388	MaxStaSpceg	0.50000	Yes	Yes
389	MaxStaSpceg	0.50000	Yes	Yes
390	MaxStaSpceg	0.50000	Yes	Yes
391	MaxStaSpceg	0.50000	Yes	Yes
392	MaxStaSpceg	0.50000	Yes	Yes
393	MaxStaSpceg	0.50000	Yes	Yes
394	MaxStaSpceg	0.50000	Yes	Yes
395	MaxStaSpceg	0.50000	Yes	Yes
396	MaxStaSpceg	0.50000	Yes	Yes
397	MaxStaSpceg	0.50000	Yes	Yes
398	MaxStaSpceg	0.50000	Yes	Yes
399	MaxStaSpceg	0.50000	Yes	Yes
400	MaxStaSpceg	0.50000	Yes	Yes
401	MaxStaSpceg	0.50000	Yes	Yes
402	MaxStaSpceg	0.50000	Yes	Yes

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403	MaxStaSpceg	0.50000	Yes	Yes
404	MaxStaSpceg	0.50000	Yes	Yes
405	MaxStaSpceg	0.50000	Yes	Yes
406	MaxStaSpceg	0.50000	Yes	Yes
407	MaxStaSpceg	0.50000	Yes	Yes
408	MaxStaSpceg	0.50000	Yes	Yes
409	MaxStaSpceg	0.50000	Yes	Yes
410	MaxStaSpceg	0.50000	Yes	Yes
411	MaxStaSpceg	0.50000	Yes	Yes
412	MaxStaSpceg	0.50000	Yes	Yes
413	MaxStaSpceg	0.50000	Yes	Yes
414	MaxStaSpceg	0.50000	Yes	Yes
415	MaxStaSpceg	0.50000	Yes	Yes
416	MaxStaSpceg	0.50000	Yes	Yes
417	MaxStaSpceg	0.50000	Yes	Yes
418	MaxStaSpceg	0.50000	Yes	Yes
419	MaxStaSpceg	0.50000	Yes	Yes
420	MaxStaSpceg	0.50000	Yes	Yes
421	MaxStaSpceg	0.50000	Yes	Yes
422	MaxStaSpceg	0.50000	Yes	Yes
423	MaxStaSpceg	0.50000	Yes	Yes
424	MaxStaSpceg	0.50000	Yes	Yes
425	MaxStaSpceg	0.50000	Yes	Yes
426	MaxStaSpceg	0.50000	Yes	Yes
427	MaxStaSpceg	0.50000	Yes	Yes
428	MaxStaSpceg	0.50000	Yes	Yes
429	MaxStaSpceg	0.50000	Yes	Yes
430	MaxStaSpceg	0.50000	Yes	Yes
431	MaxStaSpceg	0.50000	Yes	Yes
432	MaxStaSpceg	0.50000	Yes	Yes
433	MaxStaSpceg	0.50000	Yes	Yes
434	MaxStaSpceg	0.50000	Yes	Yes
435	MaxStaSpceg	0.50000	Yes	Yes
436	MaxStaSpceg	0.50000	Yes	Yes
437	MaxStaSpceg	0.50000	Yes	Yes
438	MaxStaSpceg	0.50000	Yes	Yes
439	MaxStaSpceg	0.50000	Yes	Yes
440	MaxStaSpceg	0.50000	Yes	Yes
441	MaxStaSpceg	0.50000	Yes	Yes
442	MaxStaSpceg	0.50000	Yes	Yes
443	MaxStaSpceg	0.50000	Yes	Yes
444	MaxStaSpceg	0.50000	Yes	Yes
445	MaxStaSpceg	0.50000	Yes	Yes
446	MaxStaSpceg	0.50000	Yes	Yes
447	MaxStaSpceg	0.50000	Yes	Yes
448	MaxStaSpceg	0.50000	Yes	Yes
449	MaxStaSpceg	0.50000	Yes	Yes
450	MaxStaSpceg	0.50000	Yes	Yes
451	MaxStaSpceg	0.50000	Yes	Yes
452	MaxStaSpceg	0.50000	Yes	Yes
453	MaxStaSpceg	0.50000	Yes	Yes
454	MaxStaSpceg	0.50000	Yes	Yes
455	MaxStaSpceg	0.50000	Yes	Yes
456	MaxStaSpceg	0.50000	Yes	Yes
457	MaxStaSpceg	0.50000	Yes	Yes
458	MaxStaSpceg	0.50000	Yes	Yes
459	MaxStaSpceg	0.50000	Yes	Yes
460	MaxStaSpceg	0.50000	Yes	Yes
461	MaxStaSpceg	0.50000	Yes	Yes
462	MaxStaSpceg	0.50000	Yes	Yes
463	MaxStaSpceg	0.50000	Yes	Yes
464	MaxStaSpceg	0.50000	Yes	Yes
465	MaxStaSpceg	0.50000	Yes	Yes
466	MaxStaSpceg	0.50000	Yes	Yes
467	MaxStaSpceg	0.50000	Yes	Yes
468	MaxStaSpceg	0.50000	Yes	Yes
469	MaxStaSpceg	0.50000	Yes	Yes
470	MaxStaSpceg	0.50000	Yes	Yes

Table: Frame Section Assignments

Frame Text	SectionType Text	AutoSelect Text	AnalSect Text	DesignSect Text	MatProp Text
4	Rectangular	N.A.	50X100	50X100	Default
7	Rectangular	N.A.	50X100	50X100	Default
9	Rectangular	N.A.	50X100	50X100	Default
11	Rectangular	N.A.	50X100	50X100	Default
13	Rectangular	N.A.	50X100	50X100	Default
15	Rectangular	N.A.	50X100	50X100	Default
17	Rectangular	N.A.	50X100	50X100	Default
19	Rectangular	N.A.	50X100	50X100	Default
21	Rectangular	N.A.	50X100	50X100	Default
23	Rectangular	N.A.	50X100	50X100	Default
29	Rectangular	N.A.	50X100	50X100	Default
30	Rectangular	N.A.	50X100	50X100	Default
31	Rectangular	N.A.	50X100	50X100	Default
32	Rectangular	N.A.	50X100	50X100	Default











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397	Rectangular	N.A.	50X100	50X100	Default
398	Rectangular	N.A.	50X100	50X100	Default
399	Rectangular	N.A.	50X100	50X100	Default
400	Rectangular	N.A.	50X100	50X100	Default
401	Rectangular	N.A.	50X100	50X100	Default
402	Rectangular	N.A.	50X100	50X100	Default
403	Rectangular	N.A.	50X100	50X100	Default
404	Rectangular	N.A.	50X100	50X100	Default
405	Rectangular	N.A.	50X100	50X100	Default
406	Rectangular	N.A.	50X100	50X100	Default
407	Rectangular	N.A.	50X100	50X100	Default
408	Rectangular	N.A.	50X100	50X100	Default
409	Rectangular	N.A.	50X100	50X100	Default
410	Rectangular	N.A.	50X100	50X100	Default
411	Rectangular	N.A.	50X100	50X100	Default
412	Rectangular	N.A.	50X100	50X100	Default
413	Rectangular	N.A.	50X100	50X100	Default
414	Rectangular	N.A.	50X100	50X100	Default
415	Rectangular	N.A.	50X100	50X100	Default
416	Rectangular	N.A.	50X100	50X100	Default
417	Rectangular	N.A.	50X100	50X100	Default
418	Rectangular	N.A.	50X100	50X100	Default
419	Rectangular	N.A.	50X100	50X100	Default
420	Rectangular	N.A.	50X100	50X100	Default
421	Rectangular	N.A.	50X100	50X100	Default
422	Rectangular	N.A.	50X100	50X100	Default
423	Rectangular	N.A.	50X100	50X100	Default
424	Rectangular	N.A.	50X100	50X100	Default
425	Rectangular	N.A.	50X100	50X100	Default
426	Rectangular	N.A.	50X100	50X100	Default
427	Rectangular	N.A.	50X100	50X100	Default
428	Rectangular	N.A.	50X100	50X100	Default
429	Rectangular	N.A.	50X100	50X100	Default
430	Rectangular	N.A.	50X100	50X100	Default
431	Rectangular	N.A.	50X100	50X100	Default
432	Rectangular	N.A.	50X100	50X100	Default
433	Rectangular	N.A.	50X100	50X100	Default
434	Rectangular	N.A.	50X100	50X100	Default
435	Rectangular	N.A.	50X100	50X100	Default
436	Rectangular	N.A.	50X100	50X100	Default
437	Rectangular	N.A.	50X100	50X100	Default
438	Rectangular	N.A.	50X100	50X100	Default
439	Rectangular	N.A.	50X100	50X100	Default
440	Rectangular	N.A.	50X100	50X100	Default
441	Rectangular	N.A.	50X100	50X100	Default
442	Rectangular	N.A.	50X100	50X100	Default
443	Rectangular	N.A.	50X100	50X100	Default
444	Rectangular	N.A.	50X100	50X100	Default
445	Rectangular	N.A.	50X100	50X100	Default
446	Rectangular	N.A.	50X100	50X100	Default
447	Rectangular	N.A.	50X100	50X100	Default
448	Rectangular	N.A.	50X100	50X100	Default
449	Rectangular	N.A.	50X100	50X100	Default
450	Rectangular	N.A.	50X100	50X100	Default
451	Rectangular	N.A.	50X100	50X100	Default
452	Rectangular	N.A.	50X100	50X100	Default
453	Rectangular	N.A.	50X100	50X100	Default
454	Rectangular	N.A.	50X100	50X100	Default
455	Rectangular	N.A.	50X100	50X100	Default
456	Rectangular	N.A.	50X100	50X100	Default
457	Rectangular	N.A.	50X100	50X100	Default
458	Rectangular	N.A.	50X100	50X100	Default
459	Rectangular	N.A.	50X100	50X100	Default
460	Rectangular	N.A.	50X100	50X100	Default
461	Rectangular	N.A.	50X100	50X100	Default
462	Rectangular	N.A.	50X100	50X100	Default
463	Rectangular	N.A.	50X100	50X100	Default
464	Rectangular	N.A.	50X100	50X100	Default
465	Rectangular	N.A.	50X100	50X100	Default
466	Rectangular	N.A.	50X100	50X100	Default
467	Rectangular	N.A.	50X100	50X100	Default
468	Rectangular	N.A.	50X100	50X100	Default
469	Rectangular	N.A.	50X100	50X100	Default
470	Rectangular	N.A.	50X100	50X100	Default

Table: Frame Section Properties 01 - General, Part 1 of 6

SectionName Text	Material Text	Shape Text	t3 m	t2 m	tf m	tw m
50X100	4000Psi	Rectangular	1.000000	0.500000		
FSEC1	A992Fy50	I/Wide Flange	0.304800	0.127000	0.009652	0.006350

Table: Frame Section Properties 01 - General, Part 2 of 6

SectionName Text	t2b m	tfb m	Area m2	TorsConst m4	I33 m4	I22 m4	AS2 m2
50X100							
FSEC1							

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50X100			0.500000	0.028610	0.041667	0.010417	0.416667
FSEC1	0.127000	0.009652	0.004265	9.651E-08	0.000066	3.301E-06	0.001935

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	AS3	S33	S22	Z33	Z22	R33	R22
Text	m2	m3	m3	m3	m3	m	m
50X100	0.416667	0.083333	0.041667	0.125000	0.062500	0.288675	0.144338
FSEC1	0.002043	0.000431	0.000052	0.000491	0.000081	0.124145	0.027823

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	ConcCol	ConcBeam	Color	TotalWt	TotalMass	FromFile	AMod
Text	Yes/No	Yes/No	Text	KN	KN-s2/m	Yes/No	Unitless
50X100	Yes	No	Gray8Dark	2474.128	252.29	No	1.000000
FSEC1	No	No	White	0.000	0.00	No	1.000000

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Text	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless
50X100	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
FSEC1	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Frame Section Properties 01 - General, Part 6 of 6

SectionName	GUID	Notes
Text	Text	Text
50X100		Added 14/06/2010 14:06:45
FSEC1		Added 14/06/2010 14:06:06

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir	BarSizeL
Text	Text	Text	Text	Text	m	Unitless	Unitless	Text
50X100	A615Gr60	A615Gr60	Rectangular	Ties	0.050000	3	3	#8

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeC	SpacingC	NumCBars2	NumCBars3	ReinfType
Text	Text	m	Unitless	Unitless	Text
50X100	#4	0.150000	3	3	Design

Table: Function - Plot Functions

PlotFunc	Type	DistType	Component	Mode
Text	Text	Text	Text	Text
Input Energy	Energy		Input	All

Table: Function - Power Spectral Density - User

Name	Frequency	Value
Text	Cyc/sec	Unitless
UNIFPSD	0.0000E+00	1.000000
UNIFPSD	1.0000E+00	1.000000

Table: Function - Response Spectrum - User

Name	Period	Accel	FuncDamp
Text	Sec	Unitless	Unitless
UNIFRS	0.000000	1.000000	0.050000
UNIFRS	1.000000	1.000000	

Table: Function - Steady State - User

Name	Frequency	Value
Text	Cyc/sec	Unitless
UNIFSS	0.0000E+00	1.000000



**Ponte sullo Stretto di Messina**  
**PROGETTO DEFINITIVO**

**SB2 – TABULATI DI CALCOLO**

*Codice documento*  
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<i>Rev</i>	<i>Data</i>
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UNIFSS 1.0000E+00 1.000000

Table: Function - Time History - User

Name Text	Time Sec	Value Unitless
RAMPTH	0.0000	0.000000
RAMPTH	1.0000	1.000000
RAMPTH	4.0000	1.000000
UNIFTH	0.0000	1.000000
UNIFTH	1.0000	1.000000

Table: Grid Lines, Part 1 of 2

CoordSys Text	AxisDir Text	GridID Text	XXYZCoord m	LineType Text	LineColor Text	Visible Yes/No	BubbleLoc Text
GLOBAL	X		-8.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	X		-4.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	X	x1	0.00000	Primary	Gray8Dark	Yes	End
GLOBAL	X	x2	11.20000	Primary	Gray8Dark	Yes	End
GLOBAL	Y	y1	0.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Y	y2	4.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Y	y3	10.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Y	y4	16.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Y		22.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		24.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		28.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		34.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		40.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		46.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Y		50.00000	Primary	Gray8Dark	Yes	Start
GLOBAL	Z	z1	0.00000	Primary	Gray8Dark	Yes	End
GLOBAL	Z	z2	3.00000	Primary	Gray8Dark	Yes	End

Table: Grid Lines, Part 2 of 2

CoordSys Text	AllVisible Yes/No	BubbleSize m
GLOBAL	Yes	2.438400
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		
GLOBAL		

Table: Groups 1 - Definitions, Part 1 of 3

GroupName Text	Selection Yes/No	SectionCut Yes/No	Steel Yes/No	Concrete Yes/No	Aluminum Yes/No	ColdFormed Yes/No	Stage Yes/No
ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table: Groups 1 - Definitions, Part 2 of 3

GroupName Text	Bridge Yes/No	AutoSeismic Yes/No	AutoWind Yes/No	SelDesSteel Yes/No	SelDesAlum Yes/No	SelDesCold Yes/No	MassWeight Yes/No
ALL	Yes	No	No	No	No	No	Yes

Table: Groups 1 - Definitions, Part 3 of 3

GroupName Text	Color Text
ALL	Red

Table: Groups 3 - Masses and Weights

**SB2 – TABULATI DI CALCOLO**

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GroupName Text	SelfMass KN-s2/m	SelfWeight KN	TotalMassX KN-s2/m	TotalMassY KN-s2/m	TotalMassZ KN-s2/m
ALL	252.29	2474.128	252.29	252.29	252.29

Table: Joint Coordinates, Part 1 of 2

Joint Text	CoordSys Text	CoordType Text	XorR m	Y m	Z m	SpecialJt Yes/No	GlobalX m
1	GLOBAL	Cartesian	0.00000	50.00000	0.00000	Yes	0.00000
2	GLOBAL	Cartesian	0.00000	46.00000	0.00000	Yes	0.00000
3	GLOBAL	Cartesian	0.00000	40.00000	0.00000	Yes	0.00000
4	GLOBAL	Cartesian	0.00000	34.00000	0.00000	Yes	0.00000
5	GLOBAL	Cartesian	0.00000	28.00000	0.00000	Yes	0.00000
6	GLOBAL	Cartesian	0.00000	22.00000	0.00000	Yes	0.00000
7	GLOBAL	Cartesian	0.00000	16.00000	0.00000	Yes	0.00000
8	GLOBAL	Cartesian	0.00000	10.00000	0.00000	Yes	0.00000
9	GLOBAL	Cartesian	0.00000	4.00000	0.00000	Yes	0.00000
10	GLOBAL	Cartesian	0.00000	0.00000	0.00000	Yes	0.00000
11	GLOBAL	Cartesian	8.20000	0.00000	0.00000	Yes	8.20000
12	GLOBAL	Cartesian	8.20000	4.00000	0.00000	Yes	8.20000
13	GLOBAL	Cartesian	8.20000	10.00000	0.00000	Yes	8.20000
14	GLOBAL	Cartesian	8.20000	16.00000	0.00000	Yes	8.20000
15	GLOBAL	Cartesian	8.20000	22.00000	0.00000	Yes	8.20000
16	GLOBAL	Cartesian	8.20000	28.00000	0.00000	Yes	8.20000
17	GLOBAL	Cartesian	8.20000	34.00000	0.00000	Yes	8.20000
18	GLOBAL	Cartesian	8.20000	40.00000	0.00000	Yes	8.20000
19	GLOBAL	Cartesian	8.20000	46.00000	0.00000	Yes	8.20000
20	GLOBAL	Cartesian	8.20000	50.00000	0.00000	Yes	8.20000
21	GLOBAL	Cartesian	0.46667	50.00000	0.00000	No	0.46667
22	GLOBAL	Cartesian	0.93333	50.00000	0.00000	No	0.93333
23	GLOBAL	Cartesian	1.40000	50.00000	0.00000	No	1.40000
24	GLOBAL	Cartesian	1.86667	50.00000	0.00000	No	1.86667
25	GLOBAL	Cartesian	2.33333	50.00000	0.00000	No	2.33333
26	GLOBAL	Cartesian	2.80000	50.00000	0.00000	No	2.80000
27	GLOBAL	Cartesian	3.26667	50.00000	0.00000	No	3.26667
28	GLOBAL	Cartesian	3.73333	50.00000	0.00000	No	3.73333
29	GLOBAL	Cartesian	4.20000	50.00000	0.00000	No	4.20000
30	GLOBAL	Cartesian	4.66667	50.00000	0.00000	No	4.66667
31	GLOBAL	Cartesian	5.13333	50.00000	0.00000	No	5.13333
32	GLOBAL	Cartesian	5.60000	50.00000	0.00000	No	5.60000
33	GLOBAL	Cartesian	6.06667	50.00000	0.00000	No	6.06667
34	GLOBAL	Cartesian	6.53333	50.00000	0.00000	No	6.53333
35	GLOBAL	Cartesian	7.00000	50.00000	0.00000	No	7.00000
36	GLOBAL	Cartesian	7.46667	50.00000	0.00000	No	7.46667
37	GLOBAL	Cartesian	7.93333	50.00000	0.00000	No	7.93333
50	GLOBAL	Cartesian	7.93333	0.00000	0.00000	No	7.93333
51	GLOBAL	Cartesian	7.46667	0.00000	0.00000	No	7.46667
52	GLOBAL	Cartesian	7.00000	0.00000	0.00000	No	7.00000
53	GLOBAL	Cartesian	6.53333	0.00000	0.00000	No	6.53333
54	GLOBAL	Cartesian	6.06667	0.00000	0.00000	No	6.06667
55	GLOBAL	Cartesian	5.60000	0.00000	0.00000	No	5.60000
56	GLOBAL	Cartesian	5.13333	0.00000	0.00000	No	5.13333
57	GLOBAL	Cartesian	4.66667	0.00000	0.00000	No	4.66667
58	GLOBAL	Cartesian	4.20000	0.00000	0.00000	No	4.20000
59	GLOBAL	Cartesian	3.73333	0.00000	0.00000	No	3.73333
60	GLOBAL	Cartesian	3.26667	0.00000	0.00000	No	3.26667
61	GLOBAL	Cartesian	2.80000	0.00000	0.00000	No	2.80000
62	GLOBAL	Cartesian	2.33333	0.00000	0.00000	No	2.33333
63	GLOBAL	Cartesian	1.86667	0.00000	0.00000	No	1.86667
64	GLOBAL	Cartesian	1.40000	0.00000	0.00000	No	1.40000
65	GLOBAL	Cartesian	0.93333	0.00000	0.00000	No	0.93333
66	GLOBAL	Cartesian	0.46667	0.00000	0.00000	No	0.46667
73	GLOBAL	Cartesian	7.93333	46.00000	0.00000	No	7.93333
74	GLOBAL	Cartesian	7.46667	46.00000	0.00000	No	7.46667
75	GLOBAL	Cartesian	7.00000	46.00000	0.00000	No	7.00000
76	GLOBAL	Cartesian	6.53333	46.00000	0.00000	No	6.53333
77	GLOBAL	Cartesian	6.06667	46.00000	0.00000	No	6.06667
78	GLOBAL	Cartesian	5.60000	46.00000	0.00000	No	5.60000
79	GLOBAL	Cartesian	5.13333	46.00000	0.00000	No	5.13333
80	GLOBAL	Cartesian	4.66667	46.00000	0.00000	No	4.66667
81	GLOBAL	Cartesian	4.20000	46.00000	0.00000	No	4.20000
82	GLOBAL	Cartesian	3.73333	46.00000	0.00000	No	3.73333
83	GLOBAL	Cartesian	3.26667	46.00000	0.00000	No	3.26667
84	GLOBAL	Cartesian	2.80000	46.00000	0.00000	No	2.80000
85	GLOBAL	Cartesian	2.33333	46.00000	0.00000	No	2.33333
86	GLOBAL	Cartesian	1.86667	46.00000	0.00000	No	1.86667
87	GLOBAL	Cartesian	1.40000	46.00000	0.00000	No	1.40000
88	GLOBAL	Cartesian	0.93333	46.00000	0.00000	No	0.93333
89	GLOBAL	Cartesian	0.46667	46.00000	0.00000	No	0.46667
96	GLOBAL	Cartesian	7.93333	40.00000	0.00000	No	7.93333
97	GLOBAL	Cartesian	7.46667	40.00000	0.00000	No	7.46667
98	GLOBAL	Cartesian	7.00000	40.00000	0.00000	No	7.00000
99	GLOBAL	Cartesian	6.53333	40.00000	0.00000	No	6.53333
100	GLOBAL	Cartesian	6.06667	40.00000	0.00000	No	6.06667
101	GLOBAL	Cartesian	5.60000	40.00000	0.00000	No	5.60000
102	GLOBAL	Cartesian	5.13333	40.00000	0.00000	No	5.13333

**SB2 – TABULATI DI CALCOLO**

*Codice documento*  
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<i>Rev</i>	<i>Data</i>
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103	GLOBAL	Cartesian	4.66667	40.00000	0.00000	No	4.66667
104	GLOBAL	Cartesian	4.20000	40.00000	0.00000	No	4.20000
105	GLOBAL	Cartesian	3.73333	40.00000	0.00000	No	3.73333
106	GLOBAL	Cartesian	3.26667	40.00000	0.00000	No	3.26667
107	GLOBAL	Cartesian	2.80000	40.00000	0.00000	No	2.80000
108	GLOBAL	Cartesian	2.33333	40.00000	0.00000	No	2.33333
109	GLOBAL	Cartesian	1.86667	40.00000	0.00000	No	1.86667
110	GLOBAL	Cartesian	1.40000	40.00000	0.00000	No	1.40000
111	GLOBAL	Cartesian	0.93333	40.00000	0.00000	No	0.93333
112	GLOBAL	Cartesian	0.46667	40.00000	0.00000	No	0.46667
119	GLOBAL	Cartesian	7.93333	34.00000	0.00000	No	7.93333
120	GLOBAL	Cartesian	7.46667	34.00000	0.00000	No	7.46667
121	GLOBAL	Cartesian	7.00000	34.00000	0.00000	No	7.00000
122	GLOBAL	Cartesian	6.53333	34.00000	0.00000	No	6.53333
123	GLOBAL	Cartesian	6.06667	34.00000	0.00000	No	6.06667
124	GLOBAL	Cartesian	5.60000	34.00000	0.00000	No	5.60000
125	GLOBAL	Cartesian	5.13333	34.00000	0.00000	No	5.13333
126	GLOBAL	Cartesian	4.66667	34.00000	0.00000	No	4.66667
127	GLOBAL	Cartesian	4.20000	34.00000	0.00000	No	4.20000
128	GLOBAL	Cartesian	3.73333	34.00000	0.00000	No	3.73333
129	GLOBAL	Cartesian	3.26667	34.00000	0.00000	No	3.26667
130	GLOBAL	Cartesian	2.80000	34.00000	0.00000	No	2.80000
131	GLOBAL	Cartesian	2.33333	34.00000	0.00000	No	2.33333
132	GLOBAL	Cartesian	1.86667	34.00000	0.00000	No	1.86667
133	GLOBAL	Cartesian	1.40000	34.00000	0.00000	No	1.40000
134	GLOBAL	Cartesian	0.93333	34.00000	0.00000	No	0.93333
135	GLOBAL	Cartesian	0.46667	34.00000	0.00000	No	0.46667
142	GLOBAL	Cartesian	7.93333	28.00000	0.00000	No	7.93333
143	GLOBAL	Cartesian	7.46667	28.00000	0.00000	No	7.46667
144	GLOBAL	Cartesian	7.00000	28.00000	0.00000	No	7.00000
145	GLOBAL	Cartesian	6.53333	28.00000	0.00000	No	6.53333
146	GLOBAL	Cartesian	6.06667	28.00000	0.00000	No	6.06667
147	GLOBAL	Cartesian	5.60000	28.00000	0.00000	No	5.60000
148	GLOBAL	Cartesian	5.13333	28.00000	0.00000	No	5.13333
149	GLOBAL	Cartesian	4.66667	28.00000	0.00000	No	4.66667
150	GLOBAL	Cartesian	4.20000	28.00000	0.00000	No	4.20000
151	GLOBAL	Cartesian	3.73333	28.00000	0.00000	No	3.73333
152	GLOBAL	Cartesian	3.26667	28.00000	0.00000	No	3.26667
153	GLOBAL	Cartesian	2.80000	28.00000	0.00000	No	2.80000
154	GLOBAL	Cartesian	2.33333	28.00000	0.00000	No	2.33333
155	GLOBAL	Cartesian	1.86667	28.00000	0.00000	No	1.86667
156	GLOBAL	Cartesian	1.40000	28.00000	0.00000	No	1.40000
157	GLOBAL	Cartesian	0.93333	28.00000	0.00000	No	0.93333
158	GLOBAL	Cartesian	0.46667	28.00000	0.00000	No	0.46667
165	GLOBAL	Cartesian	7.93333	22.00000	0.00000	No	7.93333
166	GLOBAL	Cartesian	7.46667	22.00000	0.00000	No	7.46667
167	GLOBAL	Cartesian	7.00000	22.00000	0.00000	No	7.00000
168	GLOBAL	Cartesian	6.53333	22.00000	0.00000	No	6.53333
169	GLOBAL	Cartesian	6.06667	22.00000	0.00000	No	6.06667
170	GLOBAL	Cartesian	5.60000	22.00000	0.00000	No	5.60000
171	GLOBAL	Cartesian	5.13333	22.00000	0.00000	No	5.13333
172	GLOBAL	Cartesian	4.66667	22.00000	0.00000	No	4.66667
173	GLOBAL	Cartesian	4.20000	22.00000	0.00000	No	4.20000
174	GLOBAL	Cartesian	3.73333	22.00000	0.00000	No	3.73333
175	GLOBAL	Cartesian	3.26667	22.00000	0.00000	No	3.26667
176	GLOBAL	Cartesian	2.80000	22.00000	0.00000	No	2.80000
177	GLOBAL	Cartesian	2.33333	22.00000	0.00000	No	2.33333
178	GLOBAL	Cartesian	1.86667	22.00000	0.00000	No	1.86667
179	GLOBAL	Cartesian	1.40000	22.00000	0.00000	No	1.40000
180	GLOBAL	Cartesian	0.93333	22.00000	0.00000	No	0.93333
181	GLOBAL	Cartesian	0.46667	22.00000	0.00000	No	0.46667
188	GLOBAL	Cartesian	7.93333	16.00000	0.00000	No	7.93333
189	GLOBAL	Cartesian	7.46667	16.00000	0.00000	No	7.46667
190	GLOBAL	Cartesian	7.00000	16.00000	0.00000	No	7.00000
191	GLOBAL	Cartesian	6.53333	16.00000	0.00000	No	6.53333
192	GLOBAL	Cartesian	6.06667	16.00000	0.00000	No	6.06667
193	GLOBAL	Cartesian	5.60000	16.00000	0.00000	No	5.60000
194	GLOBAL	Cartesian	5.13333	16.00000	0.00000	No	5.13333
195	GLOBAL	Cartesian	4.66667	16.00000	0.00000	No	4.66667
196	GLOBAL	Cartesian	4.20000	16.00000	0.00000	No	4.20000
197	GLOBAL	Cartesian	3.73333	16.00000	0.00000	No	3.73333
198	GLOBAL	Cartesian	3.26667	16.00000	0.00000	No	3.26667
199	GLOBAL	Cartesian	2.80000	16.00000	0.00000	No	2.80000
200	GLOBAL	Cartesian	2.33333	16.00000	0.00000	No	2.33333
201	GLOBAL	Cartesian	1.86667	16.00000	0.00000	No	1.86667
202	GLOBAL	Cartesian	1.40000	16.00000	0.00000	No	1.40000
203	GLOBAL	Cartesian	0.93333	16.00000	0.00000	No	0.93333
204	GLOBAL	Cartesian	0.46667	16.00000	0.00000	No	0.46667
211	GLOBAL	Cartesian	7.93333	10.00000	0.00000	No	7.93333
212	GLOBAL	Cartesian	7.46667	10.00000	0.00000	No	7.46667
213	GLOBAL	Cartesian	7.00000	10.00000	0.00000	No	7.00000
214	GLOBAL	Cartesian	6.53333	10.00000	0.00000	No	6.53333
215	GLOBAL	Cartesian	6.06667	10.00000	0.00000	No	6.06667
216	GLOBAL	Cartesian	5.60000	10.00000	0.00000	No	5.60000
217	GLOBAL	Cartesian	5.13333	10.00000	0.00000	No	5.13333
218	GLOBAL	Cartesian	4.66667	10.00000	0.00000	No	4.66667
219	GLOBAL	Cartesian	4.20000	10.00000	0.00000	No	4.20000
220	GLOBAL	Cartesian	3.73333	10.00000	0.00000	No	3.73333
221	GLOBAL	Cartesian	3.26667	10.00000	0.00000	No	3.26667

**SB2 – TABULATI DI CALCOLO**

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<i>Rev</i>	<i>Data</i>
F0	20/06/2011

222	GLOBAL	Cartesian	2.80000	10.00000	0.00000	No	2.80000
223	GLOBAL	Cartesian	2.33333	10.00000	0.00000	No	2.33333
224	GLOBAL	Cartesian	1.86667	10.00000	0.00000	No	1.86667
225	GLOBAL	Cartesian	1.40000	10.00000	0.00000	No	1.40000
226	GLOBAL	Cartesian	0.93333	10.00000	0.00000	No	0.93333
227	GLOBAL	Cartesian	0.46667	10.00000	0.00000	No	0.46667
234	GLOBAL	Cartesian	7.93333	4.00000	0.00000	No	7.93333
235	GLOBAL	Cartesian	7.46667	4.00000	0.00000	No	7.46667
236	GLOBAL	Cartesian	7.00000	4.00000	0.00000	No	7.00000
237	GLOBAL	Cartesian	6.53333	4.00000	0.00000	No	6.53333
238	GLOBAL	Cartesian	6.06667	4.00000	0.00000	No	6.06667
239	GLOBAL	Cartesian	5.60000	4.00000	0.00000	No	5.60000
240	GLOBAL	Cartesian	5.13333	4.00000	0.00000	No	5.13333
241	GLOBAL	Cartesian	4.66667	4.00000	0.00000	No	4.66667
242	GLOBAL	Cartesian	4.20000	4.00000	0.00000	No	4.20000
243	GLOBAL	Cartesian	3.73333	4.00000	0.00000	No	3.73333
244	GLOBAL	Cartesian	3.26667	4.00000	0.00000	No	3.26667
245	GLOBAL	Cartesian	2.80000	4.00000	0.00000	No	2.80000
246	GLOBAL	Cartesian	2.33333	4.00000	0.00000	No	2.33333
247	GLOBAL	Cartesian	1.86667	4.00000	0.00000	No	1.86667
248	GLOBAL	Cartesian	1.40000	4.00000	0.00000	No	1.40000
249	GLOBAL	Cartesian	0.93333	4.00000	0.00000	No	0.93333
250	GLOBAL	Cartesian	0.46667	4.00000	0.00000	No	0.46667
251	GLOBAL	Cartesian	8.20000	49.50000	0.00000	No	8.20000
252	GLOBAL	Cartesian	8.20000	49.00000	0.00000	No	8.20000
253	GLOBAL	Cartesian	8.20000	48.50000	0.00000	No	8.20000
254	GLOBAL	Cartesian	8.20000	48.00000	0.00000	No	8.20000
255	GLOBAL	Cartesian	8.20000	47.50000	0.00000	No	8.20000
256	GLOBAL	Cartesian	8.20000	47.00000	0.00000	No	8.20000
257	GLOBAL	Cartesian	8.20000	46.50000	0.00000	No	8.20000
258	GLOBAL	Cartesian	8.20000	3.50000	0.00000	No	8.20000
259	GLOBAL	Cartesian	8.20000	3.00000	0.00000	No	8.20000
260	GLOBAL	Cartesian	8.20000	2.50000	0.00000	No	8.20000
261	GLOBAL	Cartesian	8.20000	2.00000	0.00000	No	8.20000
262	GLOBAL	Cartesian	8.20000	1.50000	0.00000	No	8.20000
263	GLOBAL	Cartesian	8.20000	1.00000	0.00000	No	8.20000
264	GLOBAL	Cartesian	8.20000	0.50000	0.00000	No	8.20000
265	GLOBAL	Cartesian	0.00000	0.50000	0.00000	No	0.00000
266	GLOBAL	Cartesian	0.00000	1.00000	0.00000	No	0.00000
267	GLOBAL	Cartesian	0.00000	1.50000	0.00000	No	0.00000
268	GLOBAL	Cartesian	0.00000	2.00000	0.00000	No	0.00000
269	GLOBAL	Cartesian	0.00000	2.50000	0.00000	No	0.00000
270	GLOBAL	Cartesian	0.00000	3.00000	0.00000	No	0.00000
271	GLOBAL	Cartesian	0.00000	3.50000	0.00000	No	0.00000
272	GLOBAL	Cartesian	0.00000	46.50000	0.00000	No	0.00000
273	GLOBAL	Cartesian	0.00000	47.00000	0.00000	No	0.00000
274	GLOBAL	Cartesian	0.00000	47.50000	0.00000	No	0.00000
275	GLOBAL	Cartesian	0.00000	48.00000	0.00000	No	0.00000
276	GLOBAL	Cartesian	0.00000	48.50000	0.00000	No	0.00000
277	GLOBAL	Cartesian	0.00000	49.00000	0.00000	No	0.00000
278	GLOBAL	Cartesian	0.00000	49.50000	0.00000	No	0.00000
279	GLOBAL	Cartesian	8.20000	45.50000	0.00000	No	8.20000
280	GLOBAL	Cartesian	8.20000	45.00000	0.00000	No	8.20000
281	GLOBAL	Cartesian	8.20000	44.50000	0.00000	No	8.20000
282	GLOBAL	Cartesian	8.20000	44.00000	0.00000	No	8.20000
283	GLOBAL	Cartesian	8.20000	43.50000	0.00000	No	8.20000
284	GLOBAL	Cartesian	8.20000	43.00000	0.00000	No	8.20000
285	GLOBAL	Cartesian	8.20000	42.50000	0.00000	No	8.20000
286	GLOBAL	Cartesian	8.20000	42.00000	0.00000	No	8.20000
287	GLOBAL	Cartesian	8.20000	41.50000	0.00000	No	8.20000
288	GLOBAL	Cartesian	8.20000	41.00000	0.00000	No	8.20000
289	GLOBAL	Cartesian	8.20000	40.50000	0.00000	No	8.20000
290	GLOBAL	Cartesian	8.20000	39.50000	0.00000	No	8.20000
291	GLOBAL	Cartesian	8.20000	39.00000	0.00000	No	8.20000
292	GLOBAL	Cartesian	8.20000	38.50000	0.00000	No	8.20000
293	GLOBAL	Cartesian	8.20000	38.00000	0.00000	No	8.20000
294	GLOBAL	Cartesian	8.20000	37.50000	0.00000	No	8.20000
295	GLOBAL	Cartesian	8.20000	37.00000	0.00000	No	8.20000
296	GLOBAL	Cartesian	8.20000	36.50000	0.00000	No	8.20000
297	GLOBAL	Cartesian	8.20000	36.00000	0.00000	No	8.20000
298	GLOBAL	Cartesian	8.20000	35.50000	0.00000	No	8.20000
299	GLOBAL	Cartesian	8.20000	35.00000	0.00000	No	8.20000
300	GLOBAL	Cartesian	8.20000	34.50000	0.00000	No	8.20000
301	GLOBAL	Cartesian	8.20000	33.50000	0.00000	No	8.20000
302	GLOBAL	Cartesian	8.20000	33.00000	0.00000	No	8.20000
303	GLOBAL	Cartesian	8.20000	32.50000	0.00000	No	8.20000
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306	GLOBAL	Cartesian	8.20000	31.00000	0.00000	No	8.20000
307	GLOBAL	Cartesian	8.20000	30.50000	0.00000	No	8.20000
308	GLOBAL	Cartesian	8.20000	30.00000	0.00000	No	8.20000
309	GLOBAL	Cartesian	8.20000	29.50000	0.00000	No	8.20000
310	GLOBAL	Cartesian	8.20000	29.00000	0.00000	No	8.20000
311	GLOBAL	Cartesian	8.20000	28.50000	0.00000	No	8.20000
312	GLOBAL	Cartesian	8.20000	27.50000	0.00000	No	8.20000
313	GLOBAL	Cartesian	8.20000	27.00000	0.00000	No	8.20000
314	GLOBAL	Cartesian	8.20000	26.50000	0.00000	No	8.20000
315	GLOBAL	Cartesian	8.20000	26.00000	0.00000	No	8.20000
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438	GLOBAL	Cartesian	-8.00000	16.75000	0.00000	No	-8.00000
439	GLOBAL	Cartesian	-8.00000	17.12500	0.00000	No	-8.00000
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442	GLOBAL	Cartesian	-8.00000	18.25000	0.00000	No	-8.00000
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447	GLOBAL	Cartesian	-8.00000	20.12500	0.00000	No	-8.00000
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453	GLOBAL	Cartesian	-4.00000	16.75000	0.00000	No	-4.00000
454	GLOBAL	Cartesian	-4.00000	17.12500	0.00000	No	-4.00000
455	GLOBAL	Cartesian	-4.00000	17.50000	0.00000	No	-4.00000
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457	GLOBAL	Cartesian	-4.00000	18.25000	0.00000	No	-4.00000
458	GLOBAL	Cartesian	-4.00000	18.62500	0.00000	No	-4.00000
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462	GLOBAL	Cartesian	-4.00000	20.12500	0.00000	No	-4.00000
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465	GLOBAL	Cartesian	-4.00000	21.25000	0.00000	No	-4.00000
466	GLOBAL	Cartesian	-4.00000	21.62500	0.00000	No	-4.00000
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		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
<b>SB2 – TABULATI DI CALCOLO</b>		<i>Codice documento</i> CZ0429_F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Table: Joint Coordinates, Part 2 of 2

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13	10.00000	0.00000	
14	16.00000	0.00000	
15	22.00000	0.00000	
16	28.00000	0.00000	
17	34.00000	0.00000	
18	40.00000	0.00000	
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SB2 – TABULATI DI CALCOLO

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SB2 – TABULATI DI CALCOLO

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CZ0429\_F0*Rev* *Data*  
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CZ0429\_F0*Rev* *Data*  
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464	20.87500	0.00000
465	21.25000	0.00000
466	21.62500	0.00000
467	16.00000	0.00000
468	16.00000	0.00000
469	16.00000	0.00000
470	16.00000	0.00000
471	16.00000	0.00000
472	16.00000	0.00000
473	16.00000	0.00000
474	16.00000	0.00000
475	16.00000	0.00000
476	16.00000	0.00000
477	16.00000	0.00000
478	16.00000	0.00000
479	16.00000	0.00000
480	16.00000	0.00000
481	22.00000	0.00000
482	22.00000	0.00000
483	22.00000	0.00000
484	22.00000	0.00000
485	22.00000	0.00000
486	22.00000	0.00000
487	22.00000	0.00000
488	22.00000	0.00000
489	22.00000	0.00000
490	22.00000	0.00000
491	22.00000	0.00000
492	22.00000	0.00000
493	22.00000	0.00000
494	22.00000	0.00000

Table: Joint Displacements

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Joint Text	OutputCase Text	CaseType Text	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
1	q	LinStatic	0.000576	0.000461	-0.001188	0.000185	0.000068	-0.000085
2	q	LinStatic	0.000425	0.000456	-0.001433	0.000041	0.000016	-0.000048
3	q	LinStatic	0.000373	0.000448	-0.001225	0.000044	0.000024	-0.000031
4	q	LinStatic	0.000376	0.000441	-0.001173	0.000067	0.000033	-0.000030
5	q	LinStatic	0.000379	0.000435	-0.001188	0.000075	0.000028	-0.000028
6	q	LinStatic	0.000443	0.000430	-0.001311	0.000102	-0.000019	-0.000014
7	q	LinStatic	0.000422	0.000431	-0.001519	0.000080	-0.000177	-0.000024
8	q	LinStatic	0.000376	0.000436	-0.001162	-2.139E-06	4.162E-06	-0.000034
9	q	LinStatic	0.000427	0.000441	-0.001287	0.000263	-1.726E-06	4.382E-06
10	q	LinStatic	0.000573	0.000445	-0.002773	0.000592	-0.000143	-6.356E-06
11	q	LinStatic	0.000577	0.000466	-0.004417	0.000739	0.000908	0.000086
12	q	LinStatic	0.000424	0.000461	-0.002416	0.000367	0.000646	0.000048
13	q	LinStatic	0.000376	0.000454	-0.001876	0.000052	0.000526	0.000030
14	q	LinStatic	0.000419	0.000449	-0.001982	0.000053	0.000554	0.000027
15	q	LinStatic	0.000438	0.000446	-0.002048	0.000062	0.000542	0.000032
16	q	LinStatic	0.000379	0.000445	-0.002063	0.000068	0.000543	0.000034
17	q	LinStatic	0.000376	0.000445	-0.002044	0.000072	0.000540	0.000030
18	q	LinStatic	0.000373	0.000447	-0.002084	0.000036	0.000551	0.000032
19	q	LinStatic	0.000427	0.000452	-0.002578	-0.000063	0.000636	-3.172E-06
20	q	LinStatic	0.000571	0.000455	-0.002882	0.000026	0.000708	8.212E-06
21	q	LinStatic	0.000574	0.000419	-0.001199	0.000176	0.000020	-0.000092
22	q	LinStatic	0.000573	0.000375	-0.001193	0.000166	-0.000011	-0.000091
23	q	LinStatic	0.000572	0.000333	-0.001176	0.000156	-0.000027	-0.000084
24	q	LinStatic	0.000572	0.000295	-0.001155	0.000147	-0.000029	-0.000072
25	q	LinStatic	0.000571	0.000265	-0.001138	0.000137	-0.000017	-0.000057
26	q	LinStatic	0.000570	0.000242	-0.001129	0.000128	5.989E-06	-0.000039
27	q	LinStatic	0.000570	0.000229	-0.001134	0.000119	0.000040	-0.000019
28	q	LinStatic	0.000569	0.000224	-0.001158	0.000110	0.000083	7.520E-07
29	q	LinStatic	0.000569	0.000229	-0.001204	0.000101	0.000135	0.000020
30	q	LinStatic	0.000569	0.000243	-0.001277	0.000092	0.000193	0.000038
31	q	LinStatic	0.000569	0.000265	-0.001379	0.000083	0.000257	0.000054
32	q	LinStatic	0.000569	0.000294	-0.001513	0.000074	0.000326	0.000066
33	q	LinStatic	0.000569	0.000327	-0.001681	0.000065	0.000397	0.000073
34	q	LinStatic	0.000569	0.000363	-0.001883	0.000057	0.000470	0.000075
35	q	LinStatic	0.000570	0.000398	-0.002120	0.000048	0.000542	0.000069
36	q	LinStatic	0.000570	0.000428	-0.002391	0.000040	0.000611	0.000054
37	q	LinStatic	0.000571	0.000449	-0.002695	0.000031	0.000675	0.000028
50	q	LinStatic	0.000576	0.000442	-0.004173	0.000732	0.000876	0.000091
51	q	LinStatic	0.000575	0.000397	-0.003772	0.000719	0.000808	0.000094
52	q	LinStatic	0.000574	0.000353	-0.003407	0.000707	0.000726	0.000089
53	q	LinStatic	0.000574	0.000313	-0.003085	0.000696	0.000635	0.000079
54	q	LinStatic	0.000573	0.000279	-0.002809	0.000685	0.000536	0.000065
55	q	LinStatic	0.000572	0.000252	-0.002581	0.000675	0.000435	0.000048
56	q	LinStatic	0.000572	0.000234	-0.002403	0.000665	0.000333	0.000029
57	q	LinStatic	0.000571	0.000225	-0.002273	0.000656	0.000232	9.364E-06
58	q	LinStatic	0.000571	0.000225	-0.002190	0.000647	0.000137	-0.000010
59	q	LinStatic	0.000571	0.000234	-0.002151	0.000639	0.000048	-0.000029
60	q	LinStatic	0.000571	0.000252	-0.002153	0.000632	-0.000032	-0.000045
61	q	LinStatic	0.000571	0.000277	-0.002191	0.000624	-0.000101	-0.000059
62	q	LinStatic	0.000571	0.000308	-0.002259	0.000618	-0.000156	-0.000068
63	q	LinStatic	0.000571	0.000342	-0.002350	0.000612	-0.000195	-0.000073
64	q	LinStatic	0.000572	0.000376	-0.002457	0.000606	-0.000216	-0.000070
65	q	LinStatic	0.000572	0.000408	-0.002570	0.000601	-0.000216	-0.000059
66	q	LinStatic	0.000573	0.000433	-0.002679	0.000596	-0.000193	-0.000039
73	q	LinStatic	0.000427	0.000449	-0.002410	-0.000059	0.000602	0.000018
74	q	LinStatic	0.000426	0.000432	-0.002142	-0.000053	0.000537	0.000044
75	q	LinStatic	0.000425	0.000406	-0.001906	-0.000047	0.000468	0.000060
76	q	LinStatic	0.000425	0.000376	-0.001703	-0.000041	0.000396	0.000066
77	q	LinStatic	0.000424	0.000344	-0.001535	-0.000035	0.000325	0.000065
78	q	LinStatic	0.000424	0.000315	-0.001401	-0.000029	0.000254	0.000058
79	q	LinStatic	0.000424	0.000290	-0.001300	-0.000023	0.000187	0.000046
80	q	LinStatic	0.000423	0.000271	-0.001230	-0.000017	0.000124	0.000031
81	q	LinStatic	0.000423	0.000260	-0.001189	-0.000012	0.000067	0.000014
82	q	LinStatic	0.000423	0.000257	-0.001174	-5.722E-06	0.000017	-3.647E-06
83	q	LinStatic	0.000423	0.000263	-0.001181	1.168E-07	-0.000025	-0.000022
84	q	LinStatic	0.000423	0.000278	-0.001205	5.955E-06	-0.000058	-0.000039
85	q	LinStatic	0.000423	0.000300	-0.001244	0.000012	-0.000080	-0.000053
86	q	LinStatic	0.000423	0.000328	-0.001291	0.000018	-0.000090	-0.000065
87	q	LinStatic	0.000424	0.000361	-0.001340	0.000024	-0.000087	-0.000071
88	q	LinStatic	0.000424	0.000395	-0.001385	0.000029	-0.000069	-0.000072
89	q	LinStatic	0.000425	0.000428	-0.001418	0.000035	-0.000036	-0.000064
96	q	LinStatic	0.000372	0.000436	-0.001940	0.000036	0.000517	0.000046
97	q	LinStatic	0.000372	0.000409	-0.001712	0.000036	0.000454	0.000063
98	q	LinStatic	0.000371	0.000377	-0.001515	0.000036	0.000388	0.000070
99	q	LinStatic	0.000371	0.000343	-0.001349	0.000037	0.000322	0.000070
100	q	LinStatic	0.000371	0.000311	-0.001214	0.000037	0.000257	0.000063
101	q	LinStatic	0.000370	0.000283	-0.001111	0.000037	0.000195	0.000052
102	q	LinStatic	0.000370	0.000262	-0.001036	0.000038	0.000136	0.000038
103	q	LinStatic	0.000370	0.000247	-0.000988	0.000038	0.000082	0.000022
104	q	LinStatic	0.000370	0.000241	-0.000964	0.000039	0.000033	3.694E-06
105	q	LinStatic	0.000370	0.000244	-0.000963	0.000039	-8.868E-06	-0.000014
106	q	LinStatic	0.000370	0.000255	-0.000979	0.000040	-0.000043	-0.000032
107	q	LinStatic	0.000370	0.000274	-0.001010	0.000040	-0.000069	-0.000047
108	q	LinStatic	0.000371	0.000299	-0.001052	0.000041	-0.000084	-0.000059
109	q	LinStatic	0.000371	0.000329	-0.001099	0.000041	-0.000089	-0.000068
110	q	LinStatic	0.000371	0.000363	-0.001145	0.000042	-0.000082	-0.000071



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111	q	LinStatic	0.000372	0.000396	-0.001186	0.000043	-0.000062	-0.000067
112	q	LinStatic	0.000372	0.000426	-0.001215	0.000043	-0.000027	-0.000054
119	q	LinStatic	0.000376	0.000434	-0.001903	0.000071	0.000506	0.000045
120	q	LinStatic	0.000375	0.000408	-0.001680	0.000070	0.000445	0.000061
121	q	LinStatic	0.000375	0.000376	-0.001487	0.000070	0.000381	0.000069
122	q	LinStatic	0.000374	0.000343	-0.001324	0.000069	0.000317	0.000069
123	q	LinStatic	0.000374	0.000311	-0.001192	0.000069	0.000253	0.000063
124	q	LinStatic	0.000374	0.000283	-0.001089	0.000068	0.000192	0.000052
125	q	LinStatic	0.000373	0.000262	-0.001015	0.000068	0.000135	0.000038
126	q	LinStatic	0.000373	0.000247	-0.000967	0.000067	0.000082	0.000022
127	q	LinStatic	0.000373	0.000241	-0.000943	0.000067	0.000035	4.448E-06
128	q	LinStatic	0.000373	0.000243	-0.000940	0.000067	-5.153E-06	-0.000013
129	q	LinStatic	0.000373	0.000253	-0.000955	0.000067	-0.000038	-0.000030
130	q	LinStatic	0.000374	0.000272	-0.000983	0.000067	-0.000062	-0.000045
131	q	LinStatic	0.000374	0.000296	-0.001021	0.000066	-0.000077	-0.000058
132	q	LinStatic	0.000374	0.000326	-0.001064	0.000066	-0.000081	-0.000066
133	q	LinStatic	0.000375	0.000358	-0.001107	0.000066	-0.000073	-0.000069
134	q	LinStatic	0.000375	0.000391	-0.001143	0.000066	-0.000052	-0.000065
135	q	LinStatic	0.000375	0.000420	-0.001168	0.000067	-0.000017	-0.000052
142	q	LinStatic	0.000378	0.000433	-0.001922	0.000068	0.000509	0.000048
143	q	LinStatic	0.000378	0.000405	-0.001697	0.000068	0.000448	0.000063
144	q	LinStatic	0.000377	0.000373	-0.001502	0.000068	0.000384	0.000070
145	q	LinStatic	0.000377	0.000339	-0.001338	0.000068	0.000319	0.000070
146	q	LinStatic	0.000376	0.000307	-0.001204	0.000068	0.000256	0.000063
147	q	LinStatic	0.000376	0.000279	-0.001101	0.000068	0.000195	0.000052
148	q	LinStatic	0.000376	0.000258	-0.001026	0.000069	0.000137	0.000038
149	q	LinStatic	0.000376	0.000244	-0.000977	0.000069	0.000084	0.000022
150	q	LinStatic	0.000376	0.000238	-0.000952	0.000069	0.000036	4.033E-06
151	q	LinStatic	0.000376	0.000240	-0.000948	0.000070	-4.591E-06	-0.000014
152	q	LinStatic	0.000376	0.000251	-0.000963	0.000070	-0.000038	-0.000030
153	q	LinStatic	0.000376	0.000269	-0.000991	0.000071	-0.000063	-0.000045
154	q	LinStatic	0.000376	0.000293	-0.001030	0.000071	-0.000078	-0.000057
155	q	LinStatic	0.000377	0.000323	-0.001074	0.000072	-0.000083	-0.000065
156	q	LinStatic	0.000377	0.000355	-0.001117	0.000073	-0.000075	-0.000068
157	q	LinStatic	0.000378	0.000387	-0.001155	0.000073	-0.000055	-0.000063
158	q	LinStatic	0.000378	0.000415	-0.001181	0.000074	-0.000021	-0.000051
165	q	LinStatic	0.000438	0.000435	-0.001906	0.000063	0.000508	0.000046
166	q	LinStatic	0.000438	0.000408	-0.001681	0.000065	0.000446	0.000062
167	q	LinStatic	0.000438	0.000376	-0.001487	0.000067	0.000382	0.000068
168	q	LinStatic	0.000437	0.000343	-0.001324	0.000069	0.000316	0.000068
169	q	LinStatic	0.000437	0.000312	-0.001192	0.000071	0.000252	0.000061
170	q	LinStatic	0.000437	0.000286	-0.001091	0.000073	0.000189	0.000050
171	q	LinStatic	0.000437	0.000265	-0.001019	0.000075	0.000129	0.000036
172	q	LinStatic	0.000437	0.000252	-0.000974	0.000077	0.000074	0.000020
173	q	LinStatic	0.000438	0.000247	-0.000955	0.000079	0.000024	2.283E-06
174	q	LinStatic	0.000438	0.000250	-0.000958	0.000082	-0.000020	-0.000015
175	q	LinStatic	0.000438	0.000261	-0.000980	0.000084	-0.000057	-0.000031
176	q	LinStatic	0.000439	0.000279	-0.001018	0.000086	-0.000085	-0.000045
177	q	LinStatic	0.000439	0.000304	-0.001068	0.000089	-0.000104	-0.000056
178	q	LinStatic	0.000440	0.000332	-0.001124	0.000091	-0.000113	-0.000062
179	q	LinStatic	0.000440	0.000362	-0.001183	0.000094	-0.000110	-0.000063
180	q	LinStatic	0.000441	0.000391	-0.001238	0.000097	-0.000094	-0.000056
181	q	LinStatic	0.000442	0.000415	-0.001283	0.000099	-0.000064	-0.000040
188	q	LinStatic	0.000419	0.000439	-0.001837	0.000054	0.000521	0.000042
189	q	LinStatic	0.000418	0.000413	-0.001606	0.000055	0.000459	0.000060
190	q	LinStatic	0.000418	0.000382	-0.001406	0.000056	0.000394	0.000068
191	q	LinStatic	0.000418	0.000349	-0.001237	0.000058	0.000327	0.000069
192	q	LinStatic	0.000418	0.000317	-0.001100	0.000059	0.000260	0.000063
193	q	LinStatic	0.000417	0.000290	-0.000995	0.000060	0.000194	0.000053
194	q	LinStatic	0.000417	0.000267	-0.000921	0.000062	0.000129	0.000039
195	q	LinStatic	0.000417	0.000252	-0.000877	0.000063	0.000068	0.000023
196	q	LinStatic	0.000418	0.000245	-0.000861	0.000065	9.975E-06	6.186E-06
197	q	LinStatic	0.000418	0.000247	-0.000872	0.000066	-0.000043	-0.000011
198	q	LinStatic	0.000418	0.000256	-0.000906	0.000068	-0.000090	-0.000028
199	q	LinStatic	0.000418	0.000273	-0.000962	0.000069	-0.000131	-0.000043
200	q	LinStatic	0.000419	0.000296	-0.001035	0.000071	-0.000164	-0.000055
201	q	LinStatic	0.000419	0.000324	-0.001122	0.000073	-0.000189	-0.000062
202	q	LinStatic	0.000420	0.000355	-0.001220	0.000074	-0.000203	-0.000065
203	q	LinStatic	0.000421	0.000385	-0.001322	0.000076	-0.000207	-0.000060
204	q	LinStatic	0.000421	0.000412	-0.001424	0.000078	-0.000199	-0.000047
211	q	LinStatic	0.000375	0.000443	-0.001739	0.000050	0.000491	0.000045
212	q	LinStatic	0.000375	0.000416	-0.001524	0.000047	0.000427	0.000063
213	q	LinStatic	0.000374	0.000383	-0.001339	0.000044	0.000362	0.000071
214	q	LinStatic	0.000374	0.000349	-0.001186	0.000040	0.000297	0.000072
215	q	LinStatic	0.000374	0.000316	-0.001063	0.000037	0.000234	0.000066
216	q	LinStatic	0.000373	0.000287	-0.000970	0.000034	0.000173	0.000056
217	q	LinStatic	0.000373	0.000263	-0.000905	0.000031	0.000116	0.000042
218	q	LinStatic	0.000373	0.000247	-0.000866	0.000028	0.000064	0.000025
219	q	LinStatic	0.000373	0.000239	-0.000850	0.000025	0.000017	7.804E-06
220	q	LinStatic	0.000373	0.000240	-0.000855	0.000022	-0.000023	-0.000010
221	q	LinStatic	0.000373	0.000249	-0.000878	0.000019	-0.000055	-0.000027
222	q	LinStatic	0.000373	0.000266	-0.000914	0.000016	-0.000080	-0.000043
223	q	LinStatic	0.000374	0.000289	-0.000960	0.000013	-0.000095	-0.000056
224	q	LinStatic	0.000374	0.000318	-0.001012	9.784E-06	-0.000100	-0.000065
225	q	LinStatic	0.000374	0.000351	-0.001063	6.798E-06	-0.000094	-0.000069
226	q	LinStatic	0.000375	0.000383	-0.001110	3.817E-06	-0.000075	-0.000066
227	q	LinStatic	0.000375	0.000413	-0.001145	8.388E-07	-0.000043	-0.000055
234	q	LinStatic	0.000424	0.000446	-0.002247	0.000362	0.000609	0.000059
235	q	LinStatic	0.000423	0.000414	-0.001976	0.000354	0.000540	0.000071



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236	q	LinStatic	0.000423	0.000379	-0.001740	0.000347	0.000468	0.000074
237	q	LinStatic	0.000422	0.000345	-0.001538	0.000339	0.000395	0.000070
238	q	LinStatic	0.000422	0.000313	-0.001371	0.000332	0.000323	0.000060
239	q	LinStatic	0.000422	0.000288	-0.001238	0.000326	0.000252	0.000047
240	q	LinStatic	0.000422	0.000269	-0.001139	0.000319	0.000185	0.000031
241	q	LinStatic	0.000422	0.000259	-0.001070	0.000313	0.000123	0.000013
242	q	LinStatic	0.000422	0.000257	-0.001029	0.000307	0.000066	-4.666E-06
243	q	LinStatic	0.000422	0.000263	-0.001014	0.000301	0.000016	-0.000022
244	q	LinStatic	0.000423	0.000278	-0.001021	0.000296	-0.000025	-0.000038
245	q	LinStatic	0.000423	0.000299	-0.001046	0.000290	-0.000058	-0.000051
246	q	LinStatic	0.000423	0.000326	-0.001084	0.000285	-0.000081	-0.000060
247	q	LinStatic	0.000424	0.000356	-0.001131	0.000280	-0.000092	-0.000064
248	q	LinStatic	0.000424	0.000386	-0.001181	0.000276	-0.000091	-0.000061
249	q	LinStatic	0.000425	0.000413	-0.001228	0.000271	-0.000077	-0.000050
250	q	LinStatic	0.000426	0.000433	-0.001266	0.000267	-0.000047	-0.000029
251	q	LinStatic	0.000564	0.000454	-0.002870	-0.000029	0.000697	-0.000026
252	q	LinStatic	0.000544	0.000454	-0.002838	-0.000064	0.000686	-0.000046
253	q	LinStatic	0.000518	0.000453	-0.002793	-0.000084	0.000677	-0.000054
254	q	LinStatic	0.000490	0.000453	-0.002744	-0.000091	0.000667	-0.000052
255	q	LinStatic	0.000465	0.000452	-0.002694	-0.000090	0.000659	-0.000045
256	q	LinStatic	0.000445	0.000452	-0.002649	-0.000082	0.000650	-0.000032
257	q	LinStatic	0.000432	0.000452	-0.002610	-0.000072	0.000643	-0.000018
258	q	LinStatic	0.000441	0.000462	-0.002590	0.000371	0.000677	0.000027
259	q	LinStatic	0.000450	0.000462	-0.002772	0.000394	0.000708	0.000018
260	q	LinStatic	0.000458	0.000462	-0.002971	0.000433	0.000740	0.000018
261	q	LinStatic	0.000467	0.000463	-0.003195	0.000485	0.000772	0.000026
262	q	LinStatic	0.000483	0.000464	-0.003449	0.000546	0.000805	0.000039
263	q	LinStatic	0.000506	0.000464	-0.003737	0.000611	0.000838	0.000055
264	q	LinStatic	0.000537	0.000465	-0.004060	0.000677	0.000873	0.000071
265	q	LinStatic	0.000566	0.000444	-0.004293	0.000528	-0.000125	0.000027
266	q	LinStatic	0.000545	0.000444	-0.004246	0.000465	-0.000107	0.000046
267	q	LinStatic	0.000518	0.000443	-0.004031	0.000407	-0.000090	0.000054
268	q	LinStatic	0.000490	0.000442	-0.003845	0.000356	-0.000072	0.000053
269	q	LinStatic	0.000465	0.000442	-0.003683	0.000314	-0.000054	0.000045
270	q	LinStatic	0.000445	0.000442	-0.003540	0.000283	-0.000037	0.000033
271	q	LinStatic	0.000432	0.000441	-0.003411	0.000266	-0.000019	0.000019
272	q	LinStatic	0.000441	0.000457	-0.003415	0.000036	0.000022	-0.000026
273	q	LinStatic	0.000451	0.000457	-0.003400	0.000034	0.000029	-0.000017
274	q	LinStatic	0.000458	0.000457	-0.003385	0.000037	0.000035	-0.000017
275	q	LinStatic	0.000468	0.000458	-0.003368	0.000047	0.000042	-0.000025
276	q	LinStatic	0.000483	0.000459	-0.003345	0.000065	0.000048	-0.000038
277	q	LinStatic	0.000505	0.000460	-0.003311	0.000093	0.000055	-0.000054
278	q	LinStatic	0.000536	0.000460	-0.003261	0.000133	0.000062	-0.000070
279	q	LinStatic	0.000518	0.000451	-0.003254	-0.000108	0.000062	-0.000026
280	q	LinStatic	0.000400	0.000450	-0.002454	-0.000135	0.000617	-0.000039
281	q	LinStatic	0.000379	0.000449	-0.002376	-0.000145	0.000608	-0.000042
282	q	LinStatic	0.000357	0.000449	-0.002298	-0.000143	0.000600	-0.000039
283	q	LinStatic	0.000339	0.000448	-0.002226	-0.000129	0.000592	-0.000031
284	q	LinStatic	0.000326	0.000448	-0.002163	-0.000108	0.000585	-0.000020
285	q	LinStatic	0.000319	0.000448	-0.002113	-0.000082	0.000578	-6.440E-06
286	q	LinStatic	0.000319	0.000447	-0.002079	-0.000054	0.000571	7.017E-06
287	q	LinStatic	0.000326	0.000447	-0.002060	-0.000025	0.000566	0.000019
288	q	LinStatic	0.000339	0.000447	-0.002056	1.092E-06	0.000560	0.000028
289	q	LinStatic	0.000355	0.000447	-0.002065	0.000022	0.000555	0.000033
290	q	LinStatic	0.000379	0.000447	-0.002081	-8.767E-06	0.000548	2.899E-06
291	q	LinStatic	0.000375	0.000446	-0.002062	-0.000037	0.000545	-0.000015
292	q	LinStatic	0.000364	0.000446	-0.002033	-0.000050	0.000542	-0.000024
293	q	LinStatic	0.000350	0.000445	-0.002002	-0.000052	0.000540	-0.000026
294	q	LinStatic	0.000337	0.000445	-0.001974	-0.000044	0.000539	-0.000022
295	q	LinStatic	0.000328	0.000445	-0.001952	-0.000030	0.000537	-0.000014
296	q	LinStatic	0.000324	0.000444	-0.001941	-0.000011	0.000537	-3.064E-06
297	q	LinStatic	0.000325	0.000444	-0.001940	0.000011	0.000536	8.242E-06
298	q	LinStatic	0.000332	0.000444	-0.001951	0.000032	0.000537	0.000019
299	q	LinStatic	0.000344	0.000445	-0.001974	0.000051	0.000537	0.000027
300	q	LinStatic	0.000359	0.000445	-0.002006	0.000065	0.000538	0.000031
301	q	LinStatic	0.000382	0.000445	-0.002058	0.000021	0.000538	1.109E-06
302	q	LinStatic	0.000376	0.000444	-0.002052	-0.000012	0.000536	-0.000017
303	q	LinStatic	0.000364	0.000444	-0.002034	-0.000031	0.000535	-0.000026
304	q	LinStatic	0.000350	0.000444	-0.002011	-0.000037	0.000534	-0.000027
305	q	LinStatic	0.000337	0.000443	-0.001989	-0.000034	0.000533	-0.000023
306	q	LinStatic	0.000327	0.000443	-0.001971	-0.000023	0.000533	-0.000014
307	q	LinStatic	0.000322	0.000443	-0.001962	-6.389E-06	0.000534	-3.175E-06
308	q	LinStatic	0.000324	0.000443	-0.001963	0.000013	0.000534	8.699E-06
309	q	LinStatic	0.000331	0.000444	-0.001974	0.000032	0.000536	0.000020
310	q	LinStatic	0.000344	0.000444	-0.001996	0.000049	0.000538	0.000029
311	q	LinStatic	0.000360	0.000444	-0.002027	0.000062	0.000540	0.000034
312	q	LinStatic	0.000387	0.000444	-0.002075	0.000017	0.000540	7.059E-06
313	q	LinStatic	0.000385	0.000444	-0.002066	-0.000017	0.000538	-8.927E-06
314	q	LinStatic	0.000377	0.000444	-0.002046	-0.000036	0.000536	-0.000016
315	q	LinStatic	0.000368	0.000444	-0.002020	-0.000043	0.000535	-0.000016
316	q	LinStatic	0.000361	0.000444	-0.001995	-0.000040	0.000534	-0.000010
317	q	LinStatic	0.000358	0.000444	-0.001974	-0.000029	0.000534	-9.154E-07
318	q	LinStatic	0.000360	0.000444	-0.001962	-0.000013	0.000534	0.000010
319	q	LinStatic	0.000368	0.000444	-0.001959	6.194E-06	0.000535	0.000021
320	q	LinStatic	0.000382	0.000444	-0.001968	0.000025	0.000536	0.000031
321	q	LinStatic	0.000399	0.000445	-0.001986	0.000043	0.000538	0.000037
322	q	LinStatic	0.000419	0.000445	-0.002014	0.000056	0.000540	0.000038
323	q	LinStatic	0.000444	0.000446	-0.002056	0.000011	0.000541	-5.098E-07
324	q	LinStatic	0.000437	0.000445	-0.002044	-0.000024	0.000540	-0.000021

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325	q	LinStatic	0.000423	0.000445	-0.002021	-0.000043	0.000539	-0.000031
326	q	LinStatic	0.000406	0.000445	-0.001991	-0.000050	0.000539	-0.000032
327	q	LinStatic	0.000390	0.000446	-0.001962	-0.000048	0.000539	-0.000027
328	q	LinStatic	0.000378	0.000446	-0.001938	-0.000037	0.000540	-0.000018
329	q	LinStatic	0.000372	0.000446	-0.001921	-0.000022	0.000541	-6.528E-06
330	q	LinStatic	0.000372	0.000446	-0.001914	-3.197E-06	0.000543	5.876E-06
331	q	LinStatic	0.000378	0.000447	-0.001917	0.000016	0.000545	0.000017
332	q	LinStatic	0.000389	0.000447	-0.001931	0.000033	0.000547	0.000026
333	q	LinStatic	0.000404	0.000448	-0.001954	0.000047	0.000550	0.000030
334	q	LinStatic	0.000422	0.000449	-0.001987	2.529E-06	0.000549	-5.175E-06
335	q	LinStatic	0.000413	0.000449	-0.001972	-0.000031	0.000545	-0.000025
336	q	LinStatic	0.000397	0.000449	-0.001944	-0.000051	0.000541	-0.000035
337	q	LinStatic	0.000378	0.000449	-0.001911	-0.000058	0.000537	-0.000037
338	q	LinStatic	0.000359	0.000449	-0.001878	-0.000055	0.000534	-0.000032
339	q	LinStatic	0.000345	0.000450	-0.001850	-0.000045	0.000532	-0.000023
340	q	LinStatic	0.000336	0.000450	-0.001829	-0.000029	0.000530	-0.000012
341	q	LinStatic	0.000333	0.000451	-0.001818	-0.000010	0.000528	7.800E-07
342	q	LinStatic	0.000337	0.000452	-0.001818	9.323E-06	0.000527	0.000013
343	q	LinStatic	0.000346	0.000452	-0.001829	0.000028	0.000526	0.000023
344	q	LinStatic	0.000360	0.000453	-0.001849	0.000043	0.000526	0.000029
345	q	LinStatic	0.000382	0.000454	-0.001879	7.030E-06	0.000533	2.069E-06
346	q	LinStatic	0.000377	0.000454	-0.001867	-0.000018	0.000541	-0.000015
347	q	LinStatic	0.000366	0.000455	-0.001847	-0.000024	0.000549	-0.000022
348	q	LinStatic	0.000354	0.000455	-0.001830	-0.000015	0.000558	-0.000022
349	q	LinStatic	0.000344	0.000455	-0.001822	8.556E-06	0.000568	-0.000017
350	q	LinStatic	0.000337	0.000456	-0.001829	0.000043	0.000577	-6.573E-06
351	q	LinStatic	0.000337	0.000457	-0.001858	0.000087	0.000588	5.911E-06
352	q	LinStatic	0.000343	0.000457	-0.001911	0.000138	0.000598	0.000019
353	q	LinStatic	0.000356	0.000458	-0.001992	0.000194	0.000610	0.000032
354	q	LinStatic	0.000375	0.000459	-0.002103	0.000252	0.000621	0.000042
355	q	LinStatic	0.000399	0.000460	-0.002245	0.000311	0.000634	0.000048
356	q	LinStatic	0.000417	0.000440	-0.001170	0.000206	-1.237E-06	0.000027
357	q	LinStatic	0.000399	0.000439	-0.001083	0.000151	-7.491E-07	0.000039
358	q	LinStatic	0.000377	0.000439	-0.001022	0.000099	-2.619E-07	0.000042
359	q	LinStatic	0.000356	0.000438	-0.000987	0.000052	2.251E-07	0.000039
360	q	LinStatic	0.000338	0.000437	-0.000975	0.000012	7.123E-07	0.000031
361	q	LinStatic	0.000325	0.000437	-0.000982	-0.000022	1.200E-06	0.000019
362	q	LinStatic	0.000319	0.000436	-0.001004	-0.000047	1.689E-06	5.453E-06
363	q	LinStatic	0.000319	0.000436	-0.001036	-0.000062	2.179E-06	-8.256E-06
364	q	LinStatic	0.000327	0.000436	-0.001074	-0.000067	2.671E-06	-0.000021
365	q	LinStatic	0.000340	0.000436	-0.001113	-0.000059	3.165E-06	-0.000030
366	q	LinStatic	0.000357	0.000436	-0.001144	-0.000038	3.662E-06	-0.000035
367	q	LinStatic	0.000384	0.000435	-0.001168	-0.000023	-0.000011	-7.480E-06
368	q	LinStatic	0.000383	0.000434	-0.001185	-0.000043	-0.000025	8.534E-06
369	q	LinStatic	0.000375	0.000433	-0.001212	-0.000062	-0.000040	0.000016
370	q	LinStatic	0.000366	0.000432	-0.001249	-0.000079	-0.000055	0.000016
371	q	LinStatic	0.000359	0.000432	-0.001294	-0.000091	-0.000070	0.000011
372	q	LinStatic	0.000355	0.000431	-0.001345	-0.000097	-0.000085	2.385E-06
373	q	LinStatic	0.000357	0.000431	-0.001397	-0.000096	-0.000100	-7.845E-06
374	q	LinStatic	0.000363	0.000431	-0.001448	-0.000086	-0.000115	-0.000018
375	q	LinStatic	0.000375	0.000431	-0.001492	-0.000065	-0.000130	-0.000027
376	q	LinStatic	0.000390	0.000431	-0.001523	-0.000032	-0.000146	-0.000032
377	q	LinStatic	0.000407	0.000431	-0.001535	0.000016	-0.000161	-0.000032
378	q	LinStatic	0.000426	0.000430	-0.001478	0.000073	-0.000163	1.316E-06
379	q	LinStatic	0.000420	0.000430	-0.001443	0.000063	-0.000149	0.000016
380	q	LinStatic	0.000410	0.000429	-0.001414	0.000049	-0.000136	0.000021
381	q	LinStatic	0.000398	0.000429	-0.001393	0.000035	-0.000123	0.000020
382	q	LinStatic	0.000389	0.000429	-0.001379	0.000023	-0.000110	0.000013
383	q	LinStatic	0.000385	0.000429	-0.001372	0.000013	-0.000096	3.839E-06
384	q	LinStatic	0.000385	0.000429	-0.001370	6.852E-06	-0.000083	-6.982E-06
385	q	LinStatic	0.000392	0.000429	-0.001370	7.230E-06	-0.000070	-0.000017
386	q	LinStatic	0.000403	0.000429	-0.001369	0.000015	-0.000057	-0.000025
387	q	LinStatic	0.000417	0.000429	-0.001363	0.000033	-0.000045	-0.000028
388	q	LinStatic	0.000432	0.000430	-0.001345	0.000061	-0.000032	-0.000025
389	q	LinStatic	0.000441	0.000430	-0.001263	0.000084	-0.000015	0.000016
390	q	LinStatic	0.000427	0.000430	-0.001225	0.000064	-0.000011	0.000033
391	q	LinStatic	0.000407	0.000430	-0.001199	0.000044	-7.095E-06	0.000041
392	q	LinStatic	0.000385	0.000430	-0.001182	0.000024	-3.164E-06	0.000041
393	q	LinStatic	0.000365	0.000430	-0.001176	7.255E-06	7.652E-07	0.000035
394	q	LinStatic	0.000350	0.000431	-0.001178	-6.003E-06	4.695E-06	0.000025
395	q	LinStatic	0.000340	0.000431	-0.001186	-0.000014	8.628E-06	0.000013
396	q	LinStatic	0.000337	0.000432	-0.001197	-0.000015	0.000013	-5.475E-07
397	q	LinStatic	0.000341	0.000432	-0.001208	-8.587E-06	0.000017	-0.000013
398	q	LinStatic	0.000350	0.000433	-0.001214	7.745E-06	0.000020	-0.000023
399	q	LinStatic	0.000364	0.000434	-0.001209	0.000035	0.000024	-0.000028
400	q	LinStatic	0.000384	0.000435	-0.001154	0.000058	0.000029	4.715E-07
401	q	LinStatic	0.000377	0.000435	-0.001129	0.000039	0.000029	0.000018
402	q	LinStatic	0.000365	0.000435	-0.001115	0.000020	0.000029	0.000026
403	q	LinStatic	0.000351	0.000435	-0.001110	2.657E-06	0.000030	0.000027
404	q	LinStatic	0.000338	0.000436	-0.001114	-0.000012	0.000030	0.000022
405	q	LinStatic	0.000328	0.000436	-0.001126	-0.000024	0.000030	0.000014
406	q	LinStatic	0.000324	0.000437	-0.001142	-0.000030	0.000031	3.081E-06
407	q	LinStatic	0.000325	0.000437	-0.001161	-0.000029	0.000031	-8.375E-06
408	q	LinStatic	0.000332	0.000438	-0.001178	-0.000021	0.000032	-0.000019
409	q	LinStatic	0.000344	0.000439	-0.001189	-2.902E-06	0.000032	-0.000027
410	q	LinStatic	0.000360	0.000440	-0.001189	0.000026	0.000033	-0.000031
411	q	LinStatic	0.000382	0.000441	-0.001142	0.000050	0.000032	-7.365E-07
412	q	LinStatic	0.000376	0.000441	-0.001121	0.000032	0.000031	0.000017
413	q	LinStatic	0.000364	0.000441	-0.001110	0.000013	0.000030	0.000026

414	q	LinStatic	0.000349	0.000442	-0.001109	-5.181E-06	0.000030	0.000027
415	q	LinStatic	0.000336	0.000442	-0.001117	-0.000021	0.000029	0.000023
416	q	LinStatic	0.000326	0.000443	-0.001133	-0.000033	0.000028	0.000015
417	q	LinStatic	0.000321	0.000443	-0.001154	-0.000041	0.000027	4.077E-06
418	q	LinStatic	0.000322	0.000444	-0.001179	-0.000042	0.000026	-7.524E-06
419	q	LinStatic	0.000329	0.000445	-0.001202	-0.000036	0.000026	-0.000018
420	q	LinStatic	0.000341	0.000446	-0.001221	-0.000020	0.000025	-0.000027
421	q	LinStatic	0.000356	0.000447	-0.001231	5.944E-06	0.000024	-0.000032
422	q	LinStatic	0.000380	0.000448	-0.001207	0.000025	0.000023	-3.308E-06
423	q	LinStatic	0.000375	0.000448	-0.001199	4.374E-06	0.000022	0.000014
424	q	LinStatic	0.000365	0.000449	-0.001202	-0.000016	0.000021	0.000021
425	q	LinStatic	0.000354	0.000449	-0.001216	-0.000036	0.000021	0.000021
426	q	LinStatic	0.000344	0.000450	-0.001240	-0.000052	0.000020	0.000016
427	q	LinStatic	0.000338	0.000450	-0.001272	-0.000064	0.000019	5.735E-06
428	q	LinStatic	0.000338	0.000451	-0.001309	-0.000071	0.000019	-6.586E-06
429	q	LinStatic	0.000344	0.000452	-0.001348	-0.000070	0.000018	-0.000020
430	q	LinStatic	0.000358	0.000453	-0.001386	-0.000059	0.000017	-0.000032
431	q	LinStatic	0.000377	0.000454	-0.001416	-0.000039	0.000017	-0.000042
432	q	LinStatic	0.000400	0.000455	-0.001434	-5.818E-06	0.000016	-0.000048
433	q	LinStatic	0.000431	0.000616	-0.003210	0.0000716	-0.000049	2.383E-07
434	q	LinStatic	0.000455	0.000618	-0.000823	0.000336	0.000242	-0.000070
435	q	LinStatic	0.000427	0.000496	-0.002546	0.000499	-0.000170	4.296E-06
436	q	LinStatic	0.000450	0.000494	-0.001315	0.000178	0.000101	-0.000033
437	q	LinStatic	0.000425	0.000615	-0.002946	0.000672	-0.000031	0.000023
438	q	LinStatic	0.000412	0.000615	-0.002701	0.000625	-0.000013	0.000038
439	q	LinStatic	0.000395	0.000614	-0.002475	0.000575	4.514E-06	0.000045
440	q	LinStatic	0.000376	0.000614	-0.002269	0.000524	0.000022	0.000047
441	q	LinStatic	0.000359	0.000614	-0.002083	0.000474	0.000040	0.000043
442	q	LinStatic	0.000344	0.000614	-0.001916	0.000426	0.000058	0.000035
443	q	LinStatic	0.000332	0.000614	-0.001767	0.000383	0.000076	0.000024
444	q	LinStatic	0.000325	0.000614	-0.001635	0.000344	0.000095	0.000010
445	q	LinStatic	0.000324	0.000614	-0.001516	0.000311	0.000113	-4.515E-06
446	q	LinStatic	0.000329	0.000614	-0.001410	0.000286	0.000131	-0.000020
447	q	LinStatic	0.000339	0.000615	-0.001311	0.000269	0.000149	-0.000035
448	q	LinStatic	0.000355	0.000615	-0.001218	0.000261	0.000168	-0.000048
449	q	LinStatic	0.000376	0.000616	-0.001127	0.000263	0.000186	-0.000060
450	q	LinStatic	0.000400	0.000616	-0.001034	0.000275	0.000205	-0.000068
451	q	LinStatic	0.000427	0.000617	-0.000934	0.000300	0.000224	-0.000072
452	q	LinStatic	0.000421	0.000495	-0.002364	0.000456	-0.000153	0.000023
453	q	LinStatic	0.000409	0.000495	-0.002200	0.000410	-0.000136	0.000034
454	q	LinStatic	0.000394	0.000494	-0.002055	0.000362	-0.000119	0.000039
455	q	LinStatic	0.000379	0.000494	-0.001928	0.000315	-0.000102	0.000038
456	q	LinStatic	0.000365	0.000493	-0.001820	0.000269	-0.000085	0.000033
457	q	LinStatic	0.000353	0.000493	-0.001730	0.000226	-0.000068	0.000024
458	q	LinStatic	0.000346	0.000493	-0.001655	0.000186	-0.000051	0.000013
459	q	LinStatic	0.000343	0.000493	-0.001596	0.000151	-0.000034	1.244E-06
460	q	LinStatic	0.000345	0.000493	-0.001549	0.000123	-0.000017	-0.000011
461	q	LinStatic	0.000352	0.000493	-0.001512	0.000101	-3.537E-07	-0.000024
462	q	LinStatic	0.000363	0.000493	-0.001482	0.000088	0.000016	-0.000035
463	q	LinStatic	0.000378	0.000493	-0.001457	0.000084	0.000033	-0.000043
464	q	LinStatic	0.000396	0.000493	-0.001431	0.000090	0.000050	-0.000048
465	q	LinStatic	0.000415	0.000493	-0.001402	0.000107	0.000067	-0.000049
466	q	LinStatic	0.000434	0.000494	-0.001365	0.000136	0.000084	-0.000045
467	q	LinStatic	0.000423	0.000440	-0.001620	0.000132	-0.000214	-0.000017
468	q	LinStatic	0.000423	0.000447	-0.001738	0.000184	-0.000244	-0.000015
469	q	LinStatic	0.000423	0.000455	-0.001871	0.000235	-0.000267	-0.000016
470	q	LinStatic	0.000424	0.000463	-0.002013	0.000287	-0.000278	-0.000019
471	q	LinStatic	0.000425	0.000474	-0.002160	0.000340	-0.000277	-0.000020
472	q	LinStatic	0.000425	0.000484	-0.002303	0.000392	-0.000261	-0.000019
473	q	LinStatic	0.000426	0.000493	-0.002435	0.000445	-0.000226	-0.000011
474	q	LinStatic	0.000427	0.000496	-0.002630	0.000524	-0.000174	-7.443E-06
475	q	LinStatic	0.000428	0.000503	-0.002719	0.000550	-0.000180	-0.000021
476	q	LinStatic	0.000428	0.000517	-0.002812	0.000576	-0.000183	-0.000034
477	q	LinStatic	0.000428	0.000537	-0.002906	0.000603	-0.000181	-0.000044
478	q	LinStatic	0.000429	0.000561	-0.003000	0.000631	-0.000170	-0.000048
479	q	LinStatic	0.000429	0.000586	-0.003086	0.000658	-0.000147	-0.000044
480	q	LinStatic	0.000430	0.000606	-0.003159	0.000687	-0.000108	-0.000029
481	q	LinStatic	0.000454	0.000584	-0.000926	0.000315	0.000193	-0.000061
482	q	LinStatic	0.000453	0.000556	-0.001007	0.000295	0.000155	-0.000049
483	q	LinStatic	0.000452	0.000535	-0.001073	0.000275	0.000128	-0.000035
484	q	LinStatic	0.000452	0.000522	-0.001127	0.000255	0.000110	-0.000022
485	q	LinStatic	0.000451	0.000514	-0.001176	0.000236	0.000099	-0.000013
486	q	LinStatic	0.000451	0.000509	-0.001222	0.000216	0.000095	-9.984E-06
487	q	LinStatic	0.000450	0.000505	-0.001267	0.000197	0.000096	-0.000016
488	q	LinStatic	0.000449	0.000477	-0.001348	0.000168	0.000057	-0.000034
489	q	LinStatic	0.000448	0.000460	-0.001363	0.000159	0.000024	-0.000029
490	q	LinStatic	0.000447	0.000447	-0.001365	0.000149	1.895E-06	-0.000021
491	q	LinStatic	0.000446	0.000439	-0.001358	0.000139	-0.000012	-0.000013
492	q	LinStatic	0.000445	0.000435	-0.001347	0.000130	-0.000020	-5.689E-06
493	q	LinStatic	0.000444	0.000434	-0.001334	0.000121	-0.000022	-2.187E-06
494	q	LinStatic	0.000444	0.000433	-0.001322	0.000111	-0.000022	-4.287E-06

Table: Joint Loads - Force, Part 1 of 2

Joint Text	LoadCase Text	CoordSys Text	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
1	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000

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2	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
3	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
4	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
5	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
6	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
7	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
8	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
9	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
10	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
11	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
12	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
13	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
14	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
15	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
16	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
17	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
18	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
19	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
20	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
433	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
434	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
435	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000
436	q	GLOBAL	37.000	37.000	-146.000	130.0000	130.0000

Table: Joint Loads - Force, Part 2 of 2

Joint Text	LoadCase Text	M3 KN-m	GUID Text
1	q	0.0000	
2	q	0.0000	
3	q	0.0000	
4	q	0.0000	
5	q	0.0000	
6	q	0.0000	
7	q	0.0000	
8	q	0.0000	
9	q	0.0000	
10	q	0.0000	
11	q	0.0000	
12	q	0.0000	
13	q	0.0000	
14	q	0.0000	
15	q	0.0000	
16	q	0.0000	
17	q	0.0000	
18	q	0.0000	
19	q	0.0000	
20	q	0.0000	
433	q	0.0000	
434	q	0.0000	
435	q	0.0000	
436	q	0.0000	

Table: Joint Pattern Definitions

Pattern Text  
DEFAULT

Table: Joint Reactions

Joint Text	OutputCase Text	CaseType Text	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
1	q	LinStatic	-2.878	-2.307	5.942	-0.0927	-0.0342	0.0423
2	q	LinStatic	-2.125	-2.281	7.166	-0.0206	-0.0078	0.0238
3	q	LinStatic	-1.865	-2.238	6.126	-0.0220	-0.0118	0.0157
4	q	LinStatic	-1.880	-2.203	5.864	-0.0334	-0.0165	0.0149
5	q	LinStatic	-1.893	-2.174	5.942	-0.0375	-0.0142	0.0139
6	q	LinStatic	-2.215	-2.150	6.557	-0.0512	0.0095	0.0070
7	q	LinStatic	-2.111	-2.153	7.597	-0.0401	0.0884	0.0121
8	q	LinStatic	-1.880	-2.178	5.811	0.0011	-0.0021	0.0171
9	q	LinStatic	-2.133	-2.206	6.433	-0.1316	8.629E-04	-0.0022
10	q	LinStatic	-2.866	-2.226	13.864	-0.2958	0.0716	0.0032
11	q	LinStatic	-2.886	-2.331	22.087	-0.3696	-0.4538	-0.0429
12	q	LinStatic	-2.119	-2.307	12.081	-0.1833	-0.3232	-0.0241
13	q	LinStatic	-1.879	-2.270	9.379	-0.0260	-0.2629	-0.0151
14	q	LinStatic	-2.096	-2.244	9.912	-0.0267	-0.2770	-0.0134
15	q	LinStatic	-2.192	-2.229	10.238	-0.0311	-0.2711	-0.0161
16	q	LinStatic	-1.893	-2.223	10.317	-0.0340	-0.2713	-0.0170
17	q	LinStatic	-1.879	-2.225	10.222	-0.0358	-0.2700	-0.0151
18	q	LinStatic	-1.863	-2.237	10.419	-0.0179	-0.2755	-0.0160
19	q	LinStatic	-2.136	-2.258	12.889	0.0313	-0.3179	0.0016
20	q	LinStatic	-2.855	-2.275	14.409	-0.0130	-0.3539	-0.0041

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21	q	LinStatic	-2.872	-2.093	5.997	-0.0878	-0.0101	0.0460
22	q	LinStatic	-2.867	-1.873	5.963	-0.0829	0.0055	0.0457
23	q	LinStatic	-2.862	-1.664	5.878	-0.0781	0.0135	0.0421
24	q	LinStatic	-2.858	-1.477	5.776	-0.0733	0.0143	0.0361
25	q	LinStatic	-2.855	-1.324	5.688	-0.0686	0.0086	0.0283
26	q	LinStatic	-2.852	-1.212	5.644	-0.0640	-0.0030	0.0193
27	q	LinStatic	-2.849	-1.143	5.669	-0.0594	-0.0199	0.0096
28	q	LinStatic	-2.847	-1.122	5.788	-0.0548	-0.0415	-3.760E-04
29	q	LinStatic	-2.846	-1.147	6.021	-0.0503	-0.0673	-0.0101
30	q	LinStatic	-2.845	-1.217	6.386	-0.0459	-0.0965	-0.0191
31	q	LinStatic	-2.844	-1.326	6.897	-0.0415	-0.1286	-0.0268
32	q	LinStatic	-2.844	-1.469	7.567	-0.0371	-0.1629	-0.0329
33	q	LinStatic	-2.845	-1.636	8.405	-0.0327	-0.1986	-0.0366
34	q	LinStatic	-2.846	-1.814	9.416	-0.0284	-0.2348	-0.0374
35	q	LinStatic	-2.848	-1.988	10.600	-0.0240	-0.2708	-0.0344
36	q	LinStatic	-2.850	-2.140	11.956	-0.0198	-0.3053	-0.0270
37	q	LinStatic	-2.853	-2.246	13.473	-0.0155	-0.3373	-0.0142
50	q	LinStatic	-2.882	-2.209	20.867	-0.3659	-0.4382	-0.0456
51	q	LinStatic	-2.877	-1.986	18.858	-0.3597	-0.4041	-0.0469
52	q	LinStatic	-2.872	-1.767	17.036	-0.3537	-0.3631	-0.0447
53	q	LinStatic	-2.868	-1.566	15.425	-0.3480	-0.3173	-0.0397
54	q	LinStatic	-2.865	-1.394	14.045	-0.3426	-0.2682	-0.0326
55	q	LinStatic	-2.862	-1.260	12.907	-0.3375	-0.2174	-0.0240
56	q	LinStatic	-2.859	-1.169	12.014	-0.3326	-0.1663	-0.0146
57	q	LinStatic	-2.857	-1.124	11.363	-0.3280	-0.1162	-0.0047
58	q	LinStatic	-2.856	-1.125	10.948	-0.3237	-0.0683	0.0051
59	q	LinStatic	-2.855	-1.172	10.755	-0.3196	-0.0239	0.0144
60	q	LinStatic	-2.854	-1.261	10.765	-0.3158	0.0161	0.0227
61	q	LinStatic	-2.854	-1.386	10.954	-0.3122	0.0504	0.0295
62	q	LinStatic	-2.855	-1.539	11.294	-0.3089	0.0779	0.0342
63	q	LinStatic	-2.856	-1.708	11.751	-0.3058	0.0975	0.0363
64	q	LinStatic	-2.858	-1.881	12.285	-0.3029	0.1080	0.0350
65	q	LinStatic	-2.860	-2.039	12.850	-0.3003	0.1080	0.0296
66	q	LinStatic	-2.863	-2.163	13.396	-0.2979	0.0964	0.0193
73	q	LinStatic	-2.134	-2.243	12.052	0.0295	-0.3008	-0.0088
74	q	LinStatic	-2.130	-2.161	10.708	0.0265	-0.2683	-0.0220
75	q	LinStatic	-2.127	-2.032	9.528	0.0235	-0.2338	-0.0298
76	q	LinStatic	-2.124	-1.879	8.516	0.0205	-0.1981	-0.0330
77	q	LinStatic	-2.122	-1.721	7.677	0.0175	-0.1623	-0.0325
78	q	LinStatic	-2.119	-1.573	7.007	0.0146	-0.1272	-0.0290
79	q	LinStatic	-2.118	-1.448	6.502	0.0116	-0.0936	-0.0232
80	q	LinStatic	-2.116	-1.355	6.152	0.0087	-0.0622	-0.0157
81	q	LinStatic	-2.116	-1.300	5.946	0.0058	-0.0336	-0.0072
82	q	LinStatic	-2.115	-1.287	5.869	0.0029	-0.0085	0.0018
83	q	LinStatic	-2.115	-1.317	5.903	-5.838E-05	0.0126	0.0109
84	q	LinStatic	-2.115	-1.389	6.027	-0.0030	0.0290	0.0193
85	q	LinStatic	-2.116	-1.498	6.219	-0.0059	0.0400	0.0267
86	q	LinStatic	-2.117	-1.640	6.453	-0.0088	0.0451	0.0324
87	q	LinStatic	-2.118	-1.803	6.698	-0.0118	0.0436	0.0357
88	q	LinStatic	-2.120	-1.976	6.923	-0.0147	0.0347	0.0359
89	q	LinStatic	-2.123	-2.142	7.092	-0.0177	0.0178	0.0322
96	q	LinStatic	-1.861	-2.180	9.699	-0.0180	-0.2583	-0.0231
97	q	LinStatic	-1.859	-2.045	8.558	-0.0181	-0.2268	-0.0313
98	q	LinStatic	-1.857	-1.883	7.573	-0.0182	-0.1941	-0.0350
99	q	LinStatic	-1.855	-1.714	6.744	-0.0184	-0.1612	-0.0348
100	q	LinStatic	-1.853	-1.555	6.072	-0.0185	-0.1287	-0.0317
101	q	LinStatic	-1.852	-1.416	5.553	-0.0187	-0.0975	-0.0262
102	q	LinStatic	-1.851	-1.308	5.178	-0.0189	-0.0680	-0.0191
103	q	LinStatic	-1.851	-1.237	4.938	-0.0191	-0.0408	-0.0108
104	q	LinStatic	-1.851	-1.207	4.821	-0.0193	-0.0165	-0.0018
105	q	LinStatic	-1.851	-1.220	4.813	-0.0196	0.0044	0.0072
106	q	LinStatic	-1.851	-1.275	4.897	-0.0198	0.0215	0.0158
107	q	LinStatic	-1.852	-1.368	5.052	-0.0201	0.0343	0.0235
108	q	LinStatic	-1.853	-1.495	5.259	-0.0204	0.0421	0.0297
109	q	LinStatic	-1.855	-1.647	5.493	-0.0207	0.0445	0.0339
110	q	LinStatic	-1.857	-1.814	5.727	-0.0210	0.0409	0.0353
111	q	LinStatic	-1.859	-1.981	5.932	-0.0213	0.0308	0.0333
112	q	LinStatic	-1.862	-2.129	6.077	-0.0217	0.0134	0.0271
119	q	LinStatic	-1.878	-2.171	9.517	-0.0356	-0.2532	-0.0223
120	q	LinStatic	-1.875	-2.039	8.399	-0.0352	-0.2223	-0.0307
121	q	LinStatic	-1.873	-1.880	7.433	-0.0349	-0.1904	-0.0345
122	q	LinStatic	-1.871	-1.713	6.620	-0.0346	-0.1583	-0.0345
123	q	LinStatic	-1.869	-1.554	5.959	-0.0344	-0.1267	-0.0315
124	q	LinStatic	-1.868	-1.416	5.447	-0.0341	-0.0962	-0.0262
125	q	LinStatic	-1.867	-1.308	5.076	-0.0339	-0.0676	-0.0192
126	q	LinStatic	-1.866	-1.236	4.837	-0.0337	-0.0412	-0.0110
127	q	LinStatic	-1.866	-1.205	4.716	-0.0336	-0.0176	-0.0022
128	q	LinStatic	-1.866	-1.215	4.701	-0.0334	0.0026	0.0067
129	q	LinStatic	-1.867	-1.267	4.774	-0.0333	0.0190	0.0152
130	q	LinStatic	-1.868	-1.358	4.916	-0.0333	0.0311	0.0227
131	q	LinStatic	-1.869	-1.481	5.106	-0.0332	0.0384	0.0289
132	q	LinStatic	-1.871	-1.629	5.321	-0.0332	0.0403	0.0330
133	q	LinStatic	-1.873	-1.792	5.534	-0.0332	0.0364	0.0344
134	q	LinStatic	-1.875	-1.954	5.717	-0.0332	0.0260	0.0324
135	q	LinStatic	-1.877	-2.098	5.838	-0.0333	0.0086	0.0261
142	q	LinStatic	-1.891	-2.164	9.608	-0.0340	-0.2545	-0.0238
143	q	LinStatic	-1.888	-2.026	8.483	-0.0340	-0.2238	-0.0317
144	q	LinStatic	-1.886	-1.863	7.509	-0.0340	-0.1919	-0.0351
145	q	LinStatic	-1.884	-1.694	6.689	-0.0340	-0.1597	-0.0348

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146	q	LinStatic	-1.882	-1.535	6.022	-0.0341	-0.1280	-0.0316
147	q	LinStatic	-1.881	-1.397	5.504	-0.0342	-0.0974	-0.0261
148	q	LinStatic	-1.880	-1.290	5.128	-0.0343	-0.0686	-0.0190
149	q	LinStatic	-1.879	-1.219	4.884	-0.0345	-0.0420	-0.0108
150	q	LinStatic	-1.879	-1.188	4.760	-0.0346	-0.0182	-0.0020
151	q	LinStatic	-1.879	-1.200	4.742	-0.0348	0.0023	0.0068
152	q	LinStatic	-1.880	-1.253	4.814	-0.0351	0.0190	0.0152
153	q	LinStatic	-1.881	-1.343	4.957	-0.0353	0.0314	0.0227
154	q	LinStatic	-1.882	-1.466	5.150	-0.0356	0.0390	0.0287
155	q	LinStatic	-1.883	-1.613	5.368	-0.0359	0.0413	0.0326
156	q	LinStatic	-1.885	-1.773	5.587	-0.0363	0.0377	0.0339
157	q	LinStatic	-1.888	-1.933	5.777	-0.0366	0.0277	0.0317
158	q	LinStatic	-1.890	-2.073	5.907	-0.0371	0.0106	0.0253
165	q	LinStatic	-2.191	-2.173	9.529	-0.0316	-0.2542	-0.0230
166	q	LinStatic	-2.189	-2.039	8.406	-0.0325	-0.2232	-0.0308
167	q	LinStatic	-2.188	-1.881	7.435	-0.0335	-0.1909	-0.0341
168	q	LinStatic	-2.187	-1.717	6.621	-0.0344	-0.1582	-0.0338
169	q	LinStatic	-2.186	-1.562	5.961	-0.0354	-0.1258	-0.0305
170	q	LinStatic	-2.186	-1.430	5.455	-0.0364	-0.0944	-0.0250
171	q	LinStatic	-2.186	-1.327	5.094	-0.0375	-0.0646	-0.0179
172	q	LinStatic	-2.187	-1.261	4.871	-0.0386	-0.0368	-0.0098
173	q	LinStatic	-2.188	-1.235	4.773	-0.0397	-0.0118	-0.0011
174	q	LinStatic	-2.189	-1.251	4.788	-0.0408	0.0102	0.0075
175	q	LinStatic	-2.191	-1.306	4.900	-0.0420	0.0285	0.0155
176	q	LinStatic	-2.193	-1.397	5.090	-0.0432	0.0426	0.0226
177	q	LinStatic	-2.196	-1.518	5.338	-0.0444	0.0521	0.0279
178	q	LinStatic	-2.199	-1.660	5.622	-0.0457	0.0564	0.0311
179	q	LinStatic	-2.202	-1.811	5.915	-0.0470	0.0549	0.0313
180	q	LinStatic	-2.206	-1.956	6.190	-0.0484	0.0470	0.0279
181	q	LinStatic	-2.210	-2.077	6.415	-0.0497	0.0321	0.0201
188	q	LinStatic	-2.094	-2.194	9.186	-0.0270	-0.2604	-0.0209
189	q	LinStatic	-2.092	-2.067	8.031	-0.0276	-0.2295	-0.0298
190	q	LinStatic	-2.090	-1.911	7.029	-0.0282	-0.1970	-0.0340
191	q	LinStatic	-2.089	-1.745	6.184	-0.0288	-0.1636	-0.0344
192	q	LinStatic	-2.088	-1.587	5.500	-0.0295	-0.1300	-0.0316
193	q	LinStatic	-2.087	-1.448	4.975	-0.0301	-0.0968	-0.0266
194	q	LinStatic	-2.087	-1.337	4.605	-0.0308	-0.0646	-0.0197
195	q	LinStatic	-2.087	-1.262	4.385	-0.0315	-0.0338	-0.0117
196	q	LinStatic	-2.088	-1.227	4.306	-0.0323	-0.0050	-0.0031
197	q	LinStatic	-2.089	-1.233	4.359	-0.0330	0.0215	0.0056
198	q	LinStatic	-2.090	-1.280	4.531	-0.0338	0.0451	0.0140
199	q	LinStatic	-2.092	-1.365	4.808	-0.0346	0.0654	0.0214
200	q	LinStatic	-2.094	-1.481	5.175	-0.0355	0.0820	0.0273
201	q	LinStatic	-2.097	-1.622	5.612	-0.0363	0.0943	0.0312
202	q	LinStatic	-2.100	-1.775	6.098	-0.0372	0.1017	0.0324
203	q	LinStatic	-2.103	-1.927	6.609	-0.0382	0.1036	0.0301
204	q	LinStatic	-2.107	-2.061	7.119	-0.0391	0.0994	0.0236
211	q	LinStatic	-1.877	-2.215	8.696	-0.0251	-0.2453	-0.0226
212	q	LinStatic	-1.874	-2.080	7.619	-0.0235	-0.2135	-0.0315
213	q	LinStatic	-1.872	-1.916	6.697	-0.0218	-0.1810	-0.0356
214	q	LinStatic	-1.870	-1.744	5.930	-0.0202	-0.1486	-0.0359
215	q	LinStatic	-1.869	-1.578	5.317	-0.0186	-0.1169	-0.0331
216	q	LinStatic	-1.867	-1.433	4.851	-0.0171	-0.0866	-0.0279
217	q	LinStatic	-1.866	-1.316	4.525	-0.0155	-0.0581	-0.0209
218	q	LinStatic	-1.866	-1.236	4.329	-0.0140	-0.0320	-0.0127
219	q	LinStatic	-1.866	-1.197	4.250	-0.0124	-0.0087	-0.0039
220	q	LinStatic	-1.866	-1.200	4.276	-0.0109	0.0113	0.0051
221	q	LinStatic	-1.866	-1.245	4.388	-0.0094	0.0277	0.0137
222	q	LinStatic	-1.867	-1.329	4.570	-0.0079	0.0399	0.0215
223	q	LinStatic	-1.868	-1.447	4.801	-0.0064	0.0474	0.0280
224	q	LinStatic	-1.870	-1.592	5.058	-0.0049	0.0499	0.0325
225	q	LinStatic	-1.872	-1.753	5.316	-0.0034	0.0468	0.0343
226	q	LinStatic	-1.874	-1.916	5.548	-0.0019	0.0374	0.0329
227	q	LinStatic	-1.877	-2.065	5.724	-4.194E-04	0.0213	0.0275
234	q	LinStatic	-2.118	-2.231	11.234	-0.1810	-0.3046	-0.0297
235	q	LinStatic	-2.115	-2.071	9.881	-0.1771	-0.2702	-0.0354
236	q	LinStatic	-2.114	-1.896	8.698	-0.1733	-0.2342	-0.0369
237	q	LinStatic	-2.112	-1.723	7.689	-0.1697	-0.1976	-0.0349
238	q	LinStatic	-2.111	-1.567	6.855	-0.1662	-0.1613	-0.0302
239	q	LinStatic	-2.110	-1.439	6.192	-0.1628	-0.1261	-0.0235
240	q	LinStatic	-2.110	-1.346	5.693	-0.1595	-0.0925	-0.0155
241	q	LinStatic	-2.110	-1.293	5.349	-0.1564	-0.0613	-0.0067
242	q	LinStatic	-2.111	-1.283	5.146	-0.1534	-0.0330	0.0023
243	q	LinStatic	-2.112	-1.315	5.071	-0.1506	-0.0081	0.0111
244	q	LinStatic	-2.113	-1.388	5.105	-0.1478	0.0127	0.0190
245	q	LinStatic	-2.114	-1.494	5.229	-0.1452	0.0291	0.0255
246	q	LinStatic	-2.117	-1.628	5.421	-0.1426	0.0404	0.0301
247	q	LinStatic	-2.119	-1.778	5.656	-0.1402	0.0461	0.0320
248	q	LinStatic	-2.122	-1.930	5.906	-0.1379	0.0457	0.0305
249	q	LinStatic	-2.125	-2.067	6.141	-0.1357	0.0384	0.0249
250	q	LinStatic	-2.129	-2.167	6.329	-0.1336	0.0237	0.0143
251	q	LinStatic	-2.820	-2.272	14.351	0.0144	-0.3484	0.0129
252	q	LinStatic	-2.720	-2.268	14.188	0.0322	-0.3432	0.0228
253	q	LinStatic	-2.588	-2.266	13.966	0.0421	-0.3383	0.0268
254	q	LinStatic	-2.449	-2.263	13.718	0.0457	-0.3337	0.0262
255	q	LinStatic	-2.324	-2.261	13.472	0.0449	-0.3293	0.0223
256	q	LinStatic	-2.225	-2.260	13.247	0.0411	-0.3252	0.0161
257	q	LinStatic	-2.162	-2.259	13.051	0.0360	-0.3215	0.0089
258	q	LinStatic	-2.203	-2.308	12.948	-0.1853	-0.3384	-0.0135



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259	q	LinStatic	-2.250	-2.310	13.858	-0.1969	-0.3540	-0.0088
260	q	LinStatic	-2.288	-2.312	14.854	-0.2165	-0.3698	-0.0089
261	q	LinStatic	-2.337	-2.315	15.974	-0.2425	-0.3859	-0.0128
262	q	LinStatic	-2.414	-2.318	17.244	-0.2728	-0.4024	-0.0193
263	q	LinStatic	-2.529	-2.322	18.683	-0.3056	-0.4192	-0.0273
264	q	LinStatic	-2.687	-2.326	20.299	-0.3386	-0.4363	-0.0356
265	q	LinStatic	-2.828	-2.222	12.465	-0.2638	0.0626	-0.0136
266	q	LinStatic	-2.725	-2.218	11.232	-0.2325	0.0537	-0.0232
267	q	LinStatic	-2.592	-2.215	10.157	-0.2034	0.0448	-0.0270
268	q	LinStatic	-2.452	-2.212	9.224	-0.1778	0.0360	-0.0264
269	q	LinStatic	-2.325	-2.210	8.415	-0.1568	0.0272	-0.0224
270	q	LinStatic	-2.226	-2.209	7.701	-0.1415	0.0184	-0.0164
271	q	LinStatic	-2.161	-2.207	7.053	-0.1328	0.0096	-0.0093
272	q	LinStatic	-2.207	-2.283	7.076	-0.0180	-0.0111	0.0132
273	q	LinStatic	-2.253	-2.285	6.999	-0.0171	-0.0143	0.0086
274	q	LinStatic	-2.289	-2.287	6.925	-0.0186	-0.0176	0.0087
275	q	LinStatic	-2.338	-2.290	6.839	-0.0235	-0.0209	0.0126
276	q	LinStatic	-2.413	-2.294	6.723	-0.0325	-0.0241	0.0190
277	q	LinStatic	-2.526	-2.298	6.553	-0.0465	-0.0275	0.0269
278	q	LinStatic	-2.682	-2.302	6.303	-0.0663	-0.0308	0.0351
279	q	LinStatic	-2.090	-2.254	12.621	0.0542	-0.3130	0.0131
280	q	LinStatic	-2.001	-2.250	12.271	0.0675	-0.3084	0.0193
281	q	LinStatic	-1.894	-2.247	11.882	0.0727	-0.3040	0.0212
282	q	LinStatic	-1.787	-2.244	11.491	0.0713	-0.2998	0.0196
283	q	LinStatic	-1.695	-2.242	11.128	0.0646	-0.2959	0.0156
284	q	LinStatic	-1.630	-2.240	10.814	0.0541	-0.2923	0.0098
285	q	LinStatic	-1.596	-2.238	10.566	0.0411	-0.2889	0.0032
286	q	LinStatic	-1.597	-2.237	10.393	0.0268	-0.2857	-0.0035
287	q	LinStatic	-1.632	-2.236	10.298	0.0125	-0.2828	-0.0096
288	q	LinStatic	-1.694	-2.236	10.278	-5.461E-04	-0.2802	-0.0142
289	q	LinStatic	-1.776	-2.236	10.324	-0.0111	-0.2777	-0.0166
290	q	LinStatic	-1.897	-2.234	10.406	0.0044	-0.2738	-0.0014
291	q	LinStatic	-1.873	-2.231	10.308	0.0183	-0.2723	0.0076
292	q	LinStatic	-1.818	-2.228	10.166	0.0250	-0.2711	0.0121
293	q	LinStatic	-1.750	-2.226	10.011	0.0259	-0.2701	0.0129
294	q	LinStatic	-1.687	-2.224	9.870	0.0221	-0.2693	0.0108
295	q	LinStatic	-1.640	-2.223	9.762	0.0149	-0.2687	0.0068
296	q	LinStatic	-1.618	-2.222	9.703	0.0053	-0.2683	0.0015
297	q	LinStatic	-1.625	-2.222	9.700	-0.0054	-0.2682	-0.0041
298	q	LinStatic	-1.660	-2.222	9.757	-0.0160	-0.2683	-0.0094
299	q	LinStatic	-1.720	-2.223	9.870	-0.0254	-0.2687	-0.0136
300	q	LinStatic	-1.797	-2.224	10.030	-0.0324	-0.2692	-0.0157
301	q	LinStatic	-1.909	-2.223	10.290	-0.0104	-0.2689	-5.545E-04
302	q	LinStatic	-1.881	-2.221	10.258	0.0062	-0.2680	0.0085
303	q	LinStatic	-1.821	-2.219	10.168	0.0155	-0.2673	0.0128
304	q	LinStatic	-1.750	-2.218	10.054	0.0187	-0.2668	0.0135
305	q	LinStatic	-1.684	-2.217	9.943	0.0169	-0.2666	0.0113
306	q	LinStatic	-1.635	-2.216	9.856	0.0113	-0.2666	0.0071
307	q	LinStatic	-1.612	-2.216	9.809	0.0032	-0.2668	0.0016
308	q	LinStatic	-1.619	-2.217	9.813	-0.0063	-0.2672	-0.0043
309	q	LinStatic	-1.656	-2.218	9.871	-0.0159	-0.2679	-0.0100
310	q	LinStatic	-1.719	-2.219	9.980	-0.0245	-0.2688	-0.0145
311	q	LinStatic	-1.802	-2.221	10.134	-0.0310	-0.2699	-0.0171
312	q	LinStatic	-1.934	-2.221	10.374	-0.0083	-0.2700	-0.0035
313	q	LinStatic	-1.924	-2.220	10.331	0.0087	-0.2690	0.0045
314	q	LinStatic	-1.886	-2.219	10.228	0.0182	-0.2682	0.0079
315	q	LinStatic	-1.842	-2.218	10.099	0.0215	-0.2676	0.0078
316	q	LinStatic	-1.806	-2.218	9.973	0.0198	-0.2672	0.0051
317	q	LinStatic	-1.790	-2.218	9.871	0.0144	-0.2671	4.577E-04
318	q	LinStatic	-1.801	-2.219	9.809	0.0063	-0.2672	-0.0051
319	q	LinStatic	-1.841	-2.220	9.796	-0.0031	-0.2675	-0.0107
320	q	LinStatic	-1.908	-2.222	9.838	-0.0127	-0.2681	-0.0156
321	q	LinStatic	-1.997	-2.224	9.932	-0.0214	-0.2688	-0.0187
322	q	LinStatic	-2.097	-2.226	10.069	-0.0280	-0.2698	-0.0192
323	q	LinStatic	-2.221	-2.228	10.281	-0.0053	-0.2703	2.549E-04
324	q	LinStatic	-2.185	-2.227	10.222	0.0119	-0.2698	0.0104
325	q	LinStatic	-2.114	-2.227	10.103	0.0217	-0.2695	0.0153
326	q	LinStatic	-2.029	-2.227	9.956	0.0252	-0.2694	0.0160
327	q	LinStatic	-1.951	-2.228	9.811	0.0238	-0.2695	0.0137
328	q	LinStatic	-1.891	-2.229	9.688	0.0186	-0.2699	0.0091
329	q	LinStatic	-1.859	-2.230	9.604	0.0108	-0.2705	0.0033
330	q	LinStatic	-1.858	-2.232	9.568	0.0016	-0.2714	-0.0029
331	q	LinStatic	-1.889	-2.235	9.586	-0.0079	-0.2724	-0.0086
332	q	LinStatic	-1.945	-2.237	9.654	-0.0166	-0.2737	-0.0129
333	q	LinStatic	-2.019	-2.241	9.768	-0.0233	-0.2752	-0.0148
334	q	LinStatic	-2.112	-2.244	9.935	-0.0013	-0.2746	0.0026
335	q	LinStatic	-2.065	-2.244	9.858	0.0157	-0.2724	0.0125
336	q	LinStatic	-1.983	-2.245	9.720	0.0254	-0.2704	0.0175
337	q	LinStatic	-1.888	-2.246	9.556	0.0289	-0.2687	0.0184
338	q	LinStatic	-1.797	-2.247	9.391	0.0276	-0.2672	0.0161
339	q	LinStatic	-1.725	-2.249	9.250	0.0224	-0.2659	0.0117
340	q	LinStatic	-1.679	-2.251	9.146	0.0146	-0.2649	0.0059
341	q	LinStatic	-1.665	-2.254	9.091	0.0052	-0.2640	-3.900E-04
342	q	LinStatic	-1.683	-2.258	9.090	-0.0047	-0.2634	-0.0065
343	q	LinStatic	-1.730	-2.261	9.143	-0.0139	-0.2630	-0.0115
344	q	LinStatic	-1.799	-2.265	9.243	-0.0214	-0.2629	-0.0147
345	q	LinStatic	-1.909	-2.271	9.397	-0.0035	-0.2666	-0.0010
346	q	LinStatic	-1.885	-2.272	9.334	0.0088	-0.2706	0.0074
347	q	LinStatic	-1.832	-2.273	9.237	0.0120	-0.2747	0.0112



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348	q	LinStatic	-1.770	-2.275	9.150	0.0073	-0.2792	0.0112
349	q	LinStatic	-1.718	-2.277	9.110	-0.0043	-0.2838	0.0083
350	q	LinStatic	-1.686	-2.280	9.147	-0.0216	-0.2887	0.0033
351	q	LinStatic	-1.684	-2.284	9.289	-0.0436	-0.2938	-0.0030
352	q	LinStatic	-1.715	-2.287	9.555	-0.0691	-0.2992	-0.0096
353	q	LinStatic	-1.781	-2.292	9.961	-0.0970	-0.3048	-0.0160
354	q	LinStatic	-1.876	-2.296	10.516	-0.1262	-0.3107	-0.0211
355	q	LinStatic	-1.993	-2.301	11.223	-0.1554	-0.3168	-0.0241
356	q	LinStatic	-2.084	-2.202	5.850	-0.1029	6.185E-04	-0.0135
357	q	LinStatic	-1.994	-2.197	5.413	-0.0753	3.746E-04	-0.0195
358	q	LinStatic	-1.886	-2.193	5.112	-0.0495	1.310E-04	-0.0212
359	q	LinStatic	-1.779	-2.190	4.937	-0.0261	-1.125E-04	-0.0195
360	q	LinStatic	-1.688	-2.187	4.875	-0.0058	-3.561E-04	-0.0153
361	q	LinStatic	-1.624	-2.184	4.909	0.0109	-6.000E-04	-0.0095
362	q	LinStatic	-1.593	-2.182	5.018	0.0234	-8.444E-04	-0.0027
363	q	LinStatic	-1.597	-2.180	5.181	0.0311	-0.0011	0.0041
364	q	LinStatic	-1.635	-2.179	5.372	0.0333	-0.0013	0.0103
365	q	LinStatic	-1.701	-2.178	5.563	0.0295	-0.0016	0.0151
366	q	LinStatic	-1.787	-2.178	5.721	0.0190	-0.0018	0.0176
367	q	LinStatic	-1.922	-2.173	5.840	0.0113	0.0053	0.0037
368	q	LinStatic	-1.913	-2.169	5.924	0.0215	0.0127	-0.0043
369	q	LinStatic	-1.877	-2.166	6.061	0.0311	0.0201	-0.0079
370	q	LinStatic	-1.832	-2.162	6.246	0.0393	0.0276	-0.0079
371	q	LinStatic	-1.795	-2.160	6.471	0.0454	0.0350	-0.0054
372	q	LinStatic	-1.776	-2.157	6.723	0.0485	0.0425	-0.0012
373	q	LinStatic	-1.783	-2.156	6.986	0.0480	0.0500	0.0039
374	q	LinStatic	-1.816	-2.154	7.239	0.0429	0.0576	0.0091
375	q	LinStatic	-1.874	-2.153	7.458	0.0325	0.0652	0.0133
376	q	LinStatic	-1.950	-2.153	7.614	0.0158	0.0729	0.0159
377	q	LinStatic	-2.035	-2.153	7.673	-0.0081	0.0806	0.0158
378	q	LinStatic	-2.130	-2.150	7.392	-0.0367	0.0815	-6.580E-04
379	q	LinStatic	-2.101	-2.148	7.214	-0.0313	0.0747	-0.0079
380	q	LinStatic	-2.048	-2.146	7.070	-0.0246	0.0680	-0.0107
381	q	LinStatic	-1.991	-2.145	6.965	-0.0177	0.0614	-0.0099
382	q	LinStatic	-1.947	-2.144	6.897	-0.0113	0.0548	-0.0067
383	q	LinStatic	-1.923	-2.144	6.862	-0.0063	0.0482	-0.0019
384	q	LinStatic	-1.927	-2.144	6.852	-0.0034	0.0417	0.0035
385	q	LinStatic	-1.958	-2.144	6.852	-0.0036	0.0352	0.0086
386	q	LinStatic	-2.014	-2.145	6.846	-0.0077	0.0287	0.0125
387	q	LinStatic	-2.085	-2.146	6.813	-0.0164	0.0223	0.0142
388	q	LinStatic	-2.158	-2.148	6.726	-0.0306	0.0159	0.0127
389	q	LinStatic	-2.203	-2.149	6.316	-0.0422	0.0075	-0.0078
390	q	LinStatic	-2.133	-2.149	6.127	-0.0322	0.0055	-0.0166
391	q	LinStatic	-2.033	-2.150	5.993	-0.0219	0.0035	-0.0205
392	q	LinStatic	-1.926	-2.151	5.912	-0.0122	0.0016	-0.0205
393	q	LinStatic	-1.827	-2.152	5.881	-0.0036	-3.826E-04	-0.0175
394	q	LinStatic	-1.749	-2.154	5.891	0.0030	-0.0023	-0.0125
395	q	LinStatic	-1.701	-2.156	5.931	0.0070	-0.0043	-0.0063
396	q	LinStatic	-1.686	-2.159	5.987	0.0077	-0.0063	2.737E-04
397	q	LinStatic	-1.704	-2.162	6.040	0.0043	-0.0083	0.0064
398	q	LinStatic	-1.751	-2.165	6.068	-0.0039	-0.0102	0.0113
399	q	LinStatic	-1.818	-2.169	6.045	-0.0176	-0.0122	0.0140
400	q	LinStatic	-1.918	-2.174	5.770	-0.0289	-0.0144	-2.358E-04
401	q	LinStatic	-1.887	-2.174	5.647	-0.0196	-0.0145	-0.0089
402	q	LinStatic	-1.826	-2.175	5.574	-0.0102	-0.0146	-0.0130
403	q	LinStatic	-1.754	-2.177	5.550	-0.0013	-0.0148	-0.0134
404	q	LinStatic	-1.689	-2.178	5.571	0.0062	-0.0150	-0.0111
405	q	LinStatic	-1.641	-2.181	5.628	0.0119	-0.0152	-0.0069
406	q	LinStatic	-1.619	-2.183	5.710	0.0149	-0.0154	-0.0015
407	q	LinStatic	-1.626	-2.186	5.803	0.0146	-0.0156	0.0042
408	q	LinStatic	-1.661	-2.190	5.888	0.0104	-0.0158	0.0095
409	q	LinStatic	-1.722	-2.194	5.944	0.0015	-0.0160	0.0136
410	q	LinStatic	-1.799	-2.198	5.946	-0.0129	-0.0163	0.0157
411	q	LinStatic	-1.909	-2.204	5.711	-0.0251	-0.0161	3.682E-04
412	q	LinStatic	-1.880	-2.205	5.605	-0.0159	-0.0156	-0.0086
413	q	LinStatic	-1.819	-2.206	5.550	-0.0064	-0.0152	-0.0130
414	q	LinStatic	-1.747	-2.208	5.544	0.0026	-0.0148	-0.0137
415	q	LinStatic	-1.680	-2.210	5.585	0.0105	-0.0144	-0.0116
416	q	LinStatic	-1.630	-2.213	5.664	0.0167	-0.0140	-0.0074
417	q	LinStatic	-1.605	-2.216	5.771	0.0204	-0.0136	-0.0020
418	q	LinStatic	-1.610	-2.220	5.893	0.0211	-0.0132	0.0038
419	q	LinStatic	-1.643	-2.224	6.012	0.0178	-0.0128	0.0092
420	q	LinStatic	-1.703	-2.228	6.107	0.0101	-0.0125	0.0136
421	q	LinStatic	-1.781	-2.233	6.155	-0.0030	-0.0121	0.0160
422	q	LinStatic	-1.899	-2.240	6.033	-0.0125	-0.0114	0.0017
423	q	LinStatic	-1.877	-2.241	5.995	-0.0022	-0.0111	-0.0068
424	q	LinStatic	-1.827	-2.243	6.011	0.0082	-0.0107	-0.0106
425	q	LinStatic	-1.769	-2.245	6.082	0.0178	-0.0103	-0.0106
426	q	LinStatic	-1.718	-2.248	6.201	0.0260	-0.0100	-0.0078
427	q	LinStatic	-1.689	-2.252	6.359	0.0321	-0.0097	-0.0029
428	q	LinStatic	-1.689	-2.255	6.545	0.0353	-0.0093	0.0033
429	q	LinStatic	-1.722	-2.260	6.741	0.0348	-0.0090	0.0099
430	q	LinStatic	-1.788	-2.264	6.928	0.0297	-0.0087	0.0161
431	q	LinStatic	-1.884	-2.270	7.081	0.0194	-0.0084	0.0211
432	q	LinStatic	-2.000	-2.275	7.171	0.0029	-0.0081	0.0239
433	q	LinStatic	-2.154	-3.078	16.051	-0.3580	0.0247	-1.191E-04
434	q	LinStatic	-2.275	-3.090	4.116	-0.1680	-0.1212	0.0351
435	q	LinStatic	-2.136	-2.479	12.728	-0.2493	0.0852	-0.0021
436	q	LinStatic	-2.250	-2.471	6.576	-0.0891	-0.0505	0.0166

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437	q	LinStatic	-2.123	-3.075	14.731	-0.3362	0.0157	-0.0116
438	q	LinStatic	-2.058	-3.073	13.503	-0.3124	0.0067	-0.0190
439	q	LinStatic	-1.974	-3.071	12.374	-0.2873	-0.0023	-0.0226
440	q	LinStatic	-1.882	-3.070	11.344	-0.2619	-0.0112	-0.0233
441	q	LinStatic	-1.794	-3.069	10.415	-0.2369	-0.0202	-0.0213
442	q	LinStatic	-1.718	-3.069	9.581	-0.2132	-0.0292	-0.0174
443	q	LinStatic	-1.661	-3.069	8.837	-0.1913	-0.0382	-0.0118
444	q	LinStatic	-1.627	-3.069	8.174	-0.1720	-0.0473	-0.0051
445	q	LinStatic	-1.621	-3.070	7.582	-0.1557	-0.0564	0.0023
446	q	LinStatic	-1.644	-3.072	7.048	-0.1430	-0.0655	0.0099
447	q	LinStatic	-1.696	-3.074	6.557	-0.1344	-0.0746	0.0173
448	q	LinStatic	-1.775	-3.076	6.092	-0.1304	-0.0838	0.0241
449	q	LinStatic	-1.878	-3.079	5.636	-0.1313	-0.0931	0.0298
450	q	LinStatic	-2.001	-3.082	5.169	-0.1377	-0.1024	0.0338
451	q	LinStatic	-2.136	-3.086	4.670	-0.1498	-0.1118	0.0358
452	q	LinStatic	-2.103	-2.476	11.820	-0.2278	0.0766	-0.0115
453	q	LinStatic	-2.043	-2.473	11.002	-0.2048	0.0680	-0.0170
454	q	LinStatic	-1.969	-2.471	10.275	-0.1812	0.0594	-0.0193
455	q	LinStatic	-1.893	-2.468	9.642	-0.1575	0.0509	-0.0189
456	q	LinStatic	-1.823	-2.467	9.102	-0.1345	0.0424	-0.0163
457	q	LinStatic	-1.767	-2.465	8.649	-0.1128	0.0339	-0.0121
458	q	LinStatic	-1.730	-2.464	8.277	-0.0930	0.0254	-0.0067
459	q	LinStatic	-1.715	-2.463	7.979	-0.0757	0.0170	-6.220E-04
460	q	LinStatic	-1.725	-2.463	7.745	-0.0614	0.0086	0.0057
461	q	LinStatic	-1.758	-2.463	7.560	-0.0506	1.769E-04	0.0119
462	q	LinStatic	-1.815	-2.464	7.412	-0.0440	-0.0082	0.0173
463	q	LinStatic	-1.890	-2.464	7.283	-0.0419	-0.0167	0.0216
464	q	LinStatic	-1.980	-2.466	7.156	-0.0448	-0.0251	0.0242
465	q	LinStatic	-2.076	-2.467	7.011	-0.0534	-0.0335	0.0246
466	q	LinStatic	-2.170	-2.469	6.826	-0.0680	-0.0420	0.0223
467	q	LinStatic	-2.113	-2.199	8.099	-0.0659	0.1069	0.0084
468	q	LinStatic	-2.115	-2.235	8.691	-0.0918	0.1222	0.0075
469	q	LinStatic	-2.117	-2.273	9.355	-0.1177	0.1333	0.0082
470	q	LinStatic	-2.120	-2.317	10.067	-0.1437	0.1392	0.0095
471	q	LinStatic	-2.124	-2.368	10.798	-0.1699	0.1386	0.0102
472	q	LinStatic	-2.127	-2.421	11.514	-0.1962	0.1303	0.0093
473	q	LinStatic	-2.132	-2.463	12.174	-0.2226	0.1130	0.0056
474	q	LinStatic	-2.137	-2.481	13.152	-0.2620	0.0872	0.0037
475	q	LinStatic	-2.138	-2.516	13.595	-0.2750	0.0898	0.0105
476	q	LinStatic	-2.140	-2.586	14.058	-0.2881	0.0915	0.0169
477	q	LinStatic	-2.142	-2.686	14.531	-0.3016	0.0905	0.0218
478	q	LinStatic	-2.144	-2.807	14.998	-0.3153	0.0851	0.0239
479	q	LinStatic	-2.147	-2.929	15.432	-0.3292	0.0736	0.0219
480	q	LinStatic	-2.150	-3.030	15.797	-0.3434	0.0541	0.0144
481	q	LinStatic	-2.270	-2.921	4.629	-0.1577	-0.0965	0.0307
482	q	LinStatic	-2.266	-2.781	5.035	-0.1476	-0.0776	0.0244
483	q	LinStatic	-2.262	-2.677	5.363	-0.1376	-0.0639	0.0173
484	q	LinStatic	-2.259	-2.608	5.637	-0.1277	-0.0548	0.0109
485	q	LinStatic	-2.256	-2.569	5.880	-0.1179	-0.0496	0.0064
486	q	LinStatic	-2.253	-2.547	6.108	-0.1082	-0.0476	0.0050
487	q	LinStatic	-2.251	-2.523	6.337	-0.0986	-0.0482	0.0080
488	q	LinStatic	-2.244	-2.383	6.741	-0.0842	-0.0285	0.0168
489	q	LinStatic	-2.238	-2.301	6.815	-0.0793	-0.0122	0.0144
490	q	LinStatic	-2.233	-2.237	6.824	-0.0744	-9.476E-04	0.0106
491	q	LinStatic	-2.229	-2.195	6.791	-0.0697	0.0062	0.0064
492	q	LinStatic	-2.225	-2.174	6.736	-0.0650	0.0100	0.0028
493	q	LinStatic	-2.221	-2.168	6.672	-0.0603	0.0112	0.0011
494	q	LinStatic	-2.218	-2.165	6.610	-0.0557	0.0108	0.0021

Table: Joint Spring Assignments 1 - Uncoupled

Joint Text	CoordSys Text	U1 KN/m	U2 KN/m	U3 KN/m	R1 KN-m/rad	R2 KN-m/rad	R3 KN-m/rad
1	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
2	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
3	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
4	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
5	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
6	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
7	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
8	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
9	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
10	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
11	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
12	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
13	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
14	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
15	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
16	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
17	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
18	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
19	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
20	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
21	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
22	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
23	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
24	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000









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441	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
442	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
443	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
444	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
445	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
446	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
447	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
448	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
449	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
450	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
451	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
452	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
453	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
454	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
455	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
456	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
457	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
458	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
459	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
460	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
461	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
462	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
463	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
464	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
465	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
466	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
467	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
468	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
469	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
470	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
471	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
472	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
473	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
474	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
475	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
476	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
477	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
478	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
479	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
480	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
481	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
482	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
483	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
484	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
485	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
486	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
487	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
488	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
489	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
490	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
491	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
492	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
493	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000
494	Local	5000.00	5000.00	5000.00	500.0000	500.0000	500.0000

Table: Load Case Definitions

LoadCase	DesignType	SelfWtMult	AutoLoad	GUID	Notes
Text	Text	Unitless	Text	Text	Text
q	DEAD	0.000000			

Table: Masses 1 - Mass Source

MassFrom
Text
Elements

Table: Material List 1 - By Object Type

ObjectType	Material	TotalWeight	NumPieces
Text	Text	KN	Unitless
Frame	4000Psi	2474.128	444

Table: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
Text	Text	Unitless	m	KN
50X100	Frame	444	210.00000	2474.128

Table: Material Properties 01 - General, Part 1 of 2

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Material Text	Type Text	SymType Text	TempDepend Yes/No	Color Text	GUID Text
4000Psi	Concrete	Isotropic	No	Blue	
A615Gr60	Rebar	Uniaxial	No	White	
A992Fy50	Steel	Isotropic	No	Gray8Dark	

Table: Material Properties 01 - General, Part 2 of 2

Material Text	Notes Text
4000Psi	Normalweight f'c = 4 ksi added 14/06/2010 14:03:35
A615Gr60	ASTM A615 Grade 60 added 14/06/2010 14:06:45
A992Fy50	ASTM A992 Fy=50 ksi added 14/06/2010 14:03:35

Table: Material Properties 02 - Basic Mechanical Properties

Material Text	UnitWeight KN/m3	UnitMass KN-s2/m4	E1 KN/m2	G12 KN/m2	U12 Unitless	A1 1/C
4000Psi	2.3563E+01	2.4028E+00	24855578.28	10356490.95	0.200000	9.9000E-06
A615Gr60	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
A992Fy50	7.6973E+01	7.8490E+00	199947978.8	76903068.77	0.300000	1.1700E-05

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material Text	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt Text	SSHysType Text	SHard Unitless	SMax Unitless
A992Fy50	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015000	0.110000

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material Text	SRup Unitless
A992Fy50	0.170000

Table: Material Properties 03b - Concrete Data

Material Text	Fc KN/m2	LtWtConc Yes/No	SSCurveOpt Text	SSHysType Text	SFc Unitless	SCap Unitless	FAngle Degrees	DAngle Degrees
4000Psi	27579.03	No	Simple	Kinematic	0.002000	0.005000	0.000	0.000

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Material Text	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt Text	SSHysType Text	SHard Unitless	SCap Unitless
A615Gr60	413685.47	620528.21	455054.02	682581.03	Simple	Kinematic	0.010000	0.090000

Table: Material Properties 03e - Rebar Data, Part 2 of 2

Material Text	UseCTDef Yes/No
A615Gr60	No

Table: Material Properties 06 - Damping Parameters

Material Text	ModalRatio Unitless	VisMass 1/Sec	VisStiff Sec	HysMass 1/Sec2	HysStiff Unitless
4000Psi	0.0000	0.0000	0.0000	0.0000	0.000000
A615Gr60	0.0000	0.0000	0.0000	0.0000	0.000000
A992Fy50	0.0000	0.0000	0.0000	0.0000	0.000000

Table: Objects And Elements - Frames

FrameElem Text	FrameObject Text	ElemJtI Text	ElemJtJ Text
31-1	31	1	21
32-1	32	21	22
33-1	33	22	23
34-1	34	23	24
35-1	35	24	25



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36-1	36	25	26
37-1	37	26	27
38-1	38	27	28
39-1	39	28	29
40-1	40	29	30
41-1	41	30	31
42-1	42	31	32
43-1	43	32	33
44-1	44	33	34
45-1	45	34	35
46-1	46	35	36
47-1	47	36	37
62-1	62	50	51
63-1	63	51	52
64-1	64	52	53
65-1	65	53	54
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*Codice documento*  
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<i>Rev</i>	<i>Data</i>
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283-1	283	261	262

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*Codice documento*  
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<i>Rev</i>	<i>Data</i>
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**SB2 – TABULATI DI CALCOLO**
*Codice documento*  
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<i>Rev</i>	<i>Data</i>
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<i>Rev</i>	<i>Data</i>
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17-1	17	15	165
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Table: Objects And Elements - Joints

JointElem Text	JointObject Text	GlobalX m	GlobalY m	GlobalZ m
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CZ0429\_F0

<i>Rev</i>	<i>Data</i>
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**SB2 – TABULATI DI CALCOLO**

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<i>Rev</i>	<i>Data</i>
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131	131	2.33333	34.00000	0.00000
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171	171	5.13333	22.00000	0.00000
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173	173	4.20000	22.00000	0.00000
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226	226	0.93333	10.00000	0.00000
227	227	0.46667	10.00000	0.00000
234	234	7.93333	4.00000	0.00000
235	235	7.46667	4.00000	0.00000
236	236	7.00000	4.00000	0.00000
237	237	6.53333	4.00000	0.00000

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238	238	6.06667	4.00000	0.00000
239	239	5.60000	4.00000	0.00000
240	240	5.13333	4.00000	0.00000
241	241	4.66667	4.00000	0.00000
242	242	4.20000	4.00000	0.00000
243	243	3.73333	4.00000	0.00000
244	244	3.26667	4.00000	0.00000
245	245	2.80000	4.00000	0.00000
246	246	2.33333	4.00000	0.00000
247	247	1.86667	4.00000	0.00000
248	248	1.40000	4.00000	0.00000
249	249	0.93333	4.00000	0.00000
250	250	0.46667	4.00000	0.00000
251	251	8.20000	49.50000	0.00000
252	252	8.20000	49.00000	0.00000
253	253	8.20000	48.50000	0.00000
254	254	8.20000	48.00000	0.00000
255	255	8.20000	47.50000	0.00000
256	256	8.20000	47.00000	0.00000
257	257	8.20000	46.50000	0.00000
258	258	8.20000	3.50000	0.00000
259	259	8.20000	3.00000	0.00000
260	260	8.20000	2.50000	0.00000
261	261	8.20000	2.00000	0.00000
262	262	8.20000	1.50000	0.00000
263	263	8.20000	1.00000	0.00000
264	264	8.20000	0.50000	0.00000
265	265	0.00000	0.50000	0.00000
266	266	0.00000	1.00000	0.00000
267	267	0.00000	1.50000	0.00000
268	268	0.00000	2.00000	0.00000
269	269	0.00000	2.50000	0.00000
270	270	0.00000	3.00000	0.00000
271	271	0.00000	3.50000	0.00000
272	272	0.00000	46.50000	0.00000
273	273	0.00000	47.00000	0.00000
274	274	0.00000	47.50000	0.00000
275	275	0.00000	48.00000	0.00000
276	276	0.00000	48.50000	0.00000
277	277	0.00000	49.00000	0.00000
278	278	0.00000	49.50000	0.00000
279	279	8.20000	45.50000	0.00000
280	280	8.20000	45.00000	0.00000
281	281	8.20000	44.50000	0.00000
282	282	8.20000	44.00000	0.00000
283	283	8.20000	43.50000	0.00000
284	284	8.20000	43.00000	0.00000
285	285	8.20000	42.50000	0.00000
286	286	8.20000	42.00000	0.00000
287	287	8.20000	41.50000	0.00000
288	288	8.20000	41.00000	0.00000
289	289	8.20000	40.50000	0.00000
290	290	8.20000	39.50000	0.00000
291	291	8.20000	39.00000	0.00000
292	292	8.20000	38.50000	0.00000
293	293	8.20000	38.00000	0.00000
294	294	8.20000	37.50000	0.00000
295	295	8.20000	37.00000	0.00000
296	296	8.20000	36.50000	0.00000
297	297	8.20000	36.00000	0.00000
298	298	8.20000	35.50000	0.00000
299	299	8.20000	35.00000	0.00000
300	300	8.20000	34.50000	0.00000
301	301	8.20000	33.50000	0.00000
302	302	8.20000	33.00000	0.00000
303	303	8.20000	32.50000	0.00000
304	304	8.20000	32.00000	0.00000
305	305	8.20000	31.50000	0.00000
306	306	8.20000	31.00000	0.00000
307	307	8.20000	30.50000	0.00000
308	308	8.20000	30.00000	0.00000
309	309	8.20000	29.50000	0.00000
310	310	8.20000	29.00000	0.00000
311	311	8.20000	28.50000	0.00000
312	312	8.20000	27.50000	0.00000
313	313	8.20000	27.00000	0.00000
314	314	8.20000	26.50000	0.00000
315	315	8.20000	26.00000	0.00000
316	316	8.20000	25.50000	0.00000
317	317	8.20000	25.00000	0.00000
318	318	8.20000	24.50000	0.00000
319	319	8.20000	24.00000	0.00000
320	320	8.20000	23.50000	0.00000
321	321	8.20000	23.00000	0.00000
322	322	8.20000	22.50000	0.00000
323	323	8.20000	21.50000	0.00000
324	324	8.20000	21.00000	0.00000
325	325	8.20000	20.50000	0.00000
326	326	8.20000	20.00000	0.00000



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327	327	8.20000	19.50000	0.00000
328	328	8.20000	19.00000	0.00000
329	329	8.20000	18.50000	0.00000
330	330	8.20000	18.00000	0.00000
331	331	8.20000	17.50000	0.00000
332	332	8.20000	17.00000	0.00000
333	333	8.20000	16.50000	0.00000
334	334	8.20000	15.50000	0.00000
335	335	8.20000	15.00000	0.00000
336	336	8.20000	14.50000	0.00000
337	337	8.20000	14.00000	0.00000
338	338	8.20000	13.50000	0.00000
339	339	8.20000	13.00000	0.00000
340	340	8.20000	12.50000	0.00000
341	341	8.20000	12.00000	0.00000
342	342	8.20000	11.50000	0.00000
343	343	8.20000	11.00000	0.00000
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345	345	8.20000	9.50000	0.00000
346	346	8.20000	9.00000	0.00000
347	347	8.20000	8.50000	0.00000
348	348	8.20000	8.00000	0.00000
349	349	8.20000	7.50000	0.00000
350	350	8.20000	7.00000	0.00000
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352	352	8.20000	6.00000	0.00000
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355	355	8.20000	4.50000	0.00000
356	356	0.00000	4.50000	0.00000
357	357	0.00000	5.00000	0.00000
358	358	0.00000	5.50000	0.00000
359	359	0.00000	6.00000	0.00000
360	360	0.00000	6.50000	0.00000
361	361	0.00000	7.00000	0.00000
362	362	0.00000	7.50000	0.00000
363	363	0.00000	8.00000	0.00000
364	364	0.00000	8.50000	0.00000
365	365	0.00000	9.00000	0.00000
366	366	0.00000	9.50000	0.00000
367	367	0.00000	10.50000	0.00000
368	368	0.00000	11.00000	0.00000
369	369	0.00000	11.50000	0.00000
370	370	0.00000	12.00000	0.00000
371	371	0.00000	12.50000	0.00000
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373	373	0.00000	13.50000	0.00000
374	374	0.00000	14.00000	0.00000
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377	377	0.00000	15.50000	0.00000
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383	383	0.00000	19.00000	0.00000
384	384	0.00000	19.50000	0.00000
385	385	0.00000	20.00000	0.00000
386	386	0.00000	20.50000	0.00000
387	387	0.00000	21.00000	0.00000
388	388	0.00000	21.50000	0.00000
389	389	0.00000	22.50000	0.00000
390	390	0.00000	23.00000	0.00000
391	391	0.00000	23.50000	0.00000
392	392	0.00000	24.00000	0.00000
393	393	0.00000	24.50000	0.00000
394	394	0.00000	25.00000	0.00000
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397	397	0.00000	26.50000	0.00000
398	398	0.00000	27.00000	0.00000
399	399	0.00000	27.50000	0.00000
400	400	0.00000	28.50000	0.00000
401	401	0.00000	29.00000	0.00000
402	402	0.00000	29.50000	0.00000
403	403	0.00000	30.00000	0.00000
404	404	0.00000	30.50000	0.00000
405	405	0.00000	31.00000	0.00000
406	406	0.00000	31.50000	0.00000
407	407	0.00000	32.00000	0.00000
408	408	0.00000	32.50000	0.00000
409	409	0.00000	33.00000	0.00000
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411	411	0.00000	34.50000	0.00000
412	412	0.00000	35.00000	0.00000
413	413	0.00000	35.50000	0.00000
414	414	0.00000	36.00000	0.00000
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416	416	0.00000	37.00000	0.00000
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421	421	0.00000	39.50000	0.00000
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423	423	0.00000	41.00000	0.00000
424	424	0.00000	41.50000	0.00000
425	425	0.00000	42.00000	0.00000
426	426	0.00000	42.50000	0.00000
427	427	0.00000	43.00000	0.00000
428	428	0.00000	43.50000	0.00000
429	429	0.00000	44.00000	0.00000
430	430	0.00000	44.50000	0.00000
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436	436	-4.00000	22.00000	0.00000
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438	438	-8.00000	16.75000	0.00000
439	439	-8.00000	17.12500	0.00000
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441	441	-8.00000	17.87500	0.00000
442	442	-8.00000	18.25000	0.00000
443	443	-8.00000	18.62500	0.00000
444	444	-8.00000	19.00000	0.00000
445	445	-8.00000	19.37500	0.00000
446	446	-8.00000	19.75000	0.00000
447	447	-8.00000	20.12500	0.00000
448	448	-8.00000	20.50000	0.00000
449	449	-8.00000	20.87500	0.00000
450	450	-8.00000	21.25000	0.00000
451	451	-8.00000	21.62500	0.00000
452	452	-4.00000	16.37500	0.00000
453	453	-4.00000	16.75000	0.00000
454	454	-4.00000	17.12500	0.00000
455	455	-4.00000	17.50000	0.00000
456	456	-4.00000	17.87500	0.00000
457	457	-4.00000	18.25000	0.00000
458	458	-4.00000	18.62500	0.00000
459	459	-4.00000	19.00000	0.00000
460	460	-4.00000	19.37500	0.00000
461	461	-4.00000	19.75000	0.00000
462	462	-4.00000	20.12500	0.00000
463	463	-4.00000	20.50000	0.00000
464	464	-4.00000	20.87500	0.00000
465	465	-4.00000	21.25000	0.00000
466	466	-4.00000	21.62500	0.00000
467	467	-0.50000	16.00000	0.00000
468	468	-1.00000	16.00000	0.00000
469	469	-1.50000	16.00000	0.00000
470	470	-2.00000	16.00000	0.00000
471	471	-2.50000	16.00000	0.00000
472	472	-3.00000	16.00000	0.00000
473	473	-3.50000	16.00000	0.00000
474	474	-4.00000	16.00000	0.00000
475	475	-5.00000	16.00000	0.00000
476	476	-5.50000	16.00000	0.00000
477	477	-6.00000	16.00000	0.00000
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479	479	-7.00000	16.00000	0.00000
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482	482	-7.00000	22.00000	0.00000
483	483	-6.50000	22.00000	0.00000
484	484	-6.00000	22.00000	0.00000
485	485	-5.50000	22.00000	0.00000
486	486	-5.00000	22.00000	0.00000
487	487	-4.50000	22.00000	0.00000
488	488	-3.50000	22.00000	0.00000
489	489	-3.00000	22.00000	0.00000
490	490	-2.50000	22.00000	0.00000
491	491	-2.00000	22.00000	0.00000
492	492	-1.50000	22.00000	0.00000
493	493	-1.00000	22.00000	0.00000
494	494	-0.50000	22.00000	0.00000

Table: Options - Colors - Display, Part 1 of 4

DeviceType Text	Points Text	LinesFrame Text	LinesFrmExt Text	LinesCable Text	LinesTendon Text	SpringLinks Text	Restraints Text
Screen	Yellow	Yellow	Yellow	Green	Green	Green	Green
Printer	Gray8Dark	Black	Gray4	Black	Black	Gray8Dark	Gray8Dark
Color Printer	Black	7303023	White	Green	Green	Green	9408399

		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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Table: Options - Colors - Display, Part 2 of 4

Releases	Axes	Text	ShadowLines	GuideLines	Highlight	Selection	AreaFillBot	AreaFillTop
Text	Text	Text	Text	Text	Text	Text	Text	Text
Green	Cyan	Green	Gray8Dark	Gray8Dark	Red	White	Red	16744703
Gray4	Black	Black	Gray4	Gray4	Black	Black	Gray4	Gray8Dark
Green	Cyan	Black	Gray8Dark	10461087	Red	10504778	16634568	14277119

Table: Options - Colors - Display, Part 3 of 4

AreaFillSd	AreaEdge	SolidF1	SolidF2	SolidF3	SolidF4	SolidF5	SolidF6	SolidEdge
Text	Text	Text	Text	Text	Text	Text	Text	Text
Red	DarkRed	Red	Blue	Green	Yellow	White	Cyan	DarkRed
Gray4	Black	GrayLight	Gray2	Gray3	Gray4	Gray5	Gray6	Black
16634568	7303023	10122991	16756912	11599795	12713983	White	16777128	7303023

Table: Options - Colors - Display, Part 4 of 4

Floor	Background	BGLowLeft	BGLowRight	BGUpRight	Darkness
Text	Text	Text	Text	Text	Unitless
Gray4	Black	Black	Black	Black	0.500000
Gray4	White	White	White	White	0.500000
10461087	White	White	14671839	White	0.500000

Table: Options - Colors - Output, Part 1 of 4

DeviceType	Contour1	Contour2	Contour3	Contour4	Contour5	Contour6	Contour7
Text	Text	Text	Text	Text	Text	Text	Text
Screen	13107400	6553828	Red	16639	Orange	43775	54527
Printer	Black	3158064	4210752	5263440	6316128	7368816	Gray8Dark
Color Printer	13107400	6553828	Red	16639	Orange	43775	54527

Table: Options - Colors - Output, Part 2 of 4

Contour8	Contour9	Contour10	Contour11	Contour12	Contour13	Contour14	Contour15	Transpare
Text	Text	Text	Text	Text	Text	Text	Text	Unitless
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000
Gray7	Gray6	Gray5	Gray4	Gray3	Gray2	GrayLight	White	0.000000
Yellow	65408	Green	8453888	Cyan	16755200	16733440	Blue	0.500000

Table: Options - Colors - Output, Part 3 of 4

Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	RatioNotD	RatioNotC	RatioVal1	RatioVal2
Text	Text	Text	Text	Text	Text	Text	Unitless	Unitless
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000
Gray2	Gray4	Gray8Dark	4210752	Black	Gray4	Black	0.500000	0.700000
Cyan	Green	Yellow	Orange	Red	Gray4	Red	0.500000	0.700000

Table: Options - Colors - Output, Part 4 of 4

RatioVal3	RatioVal4	DFillPos	DFillNeg	DFillRPos	DFillRNeg
Unitless	Unitless	Text	Text	Text	Text
0.900000	1.000000	Yellow	Red	Blue	Cyan
0.900000	1.000000	Gray8Dark	Gray8Dark	4210752	4210752
0.900000	1.000000	Red	Red	Blue	Blue

Table: Overwrites - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

Frame	DesignSect	FrameType	RLLF	XLMajor	XLMinor	XKMajor
Text	Text	Text	Unitless	Unitless	Unitless	Unitless
31	Program	Determined	Program	Determined	0.000000	0.000000
32	Program	Determined	Program	Determined	0.000000	0.000000
33	Program	Determined	Program	Determined	0.000000	0.000000
34	Program	Determined	Program	Determined	0.000000	0.000000
35	Program	Determined	Program	Determined	0.000000	0.000000
36	Program	Determined	Program	Determined	0.000000	0.000000
37	Program	Determined	Program	Determined	0.000000	0.000000
38	Program	Determined	Program	Determined	0.000000	0.000000
39	Program	Determined	Program	Determined	0.000000	0.000000
40	Program	Determined	Program	Determined	0.000000	0.000000
41	Program	Determined	Program	Determined	0.000000	0.000000
42	Program	Determined	Program	Determined	0.000000	0.000000























		<b>Ponte sullo Stretto di Messina</b> <b>PROGETTO DEFINITIVO</b>		
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Envelopes Moment Frame 1.000000 1 1.333333 No No

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 1 of 2

THDesign Text	FrameType Text	SRatioLimit Unitless	MaxIter Unitless	OmegaBS Unitless	OmegaBUS Unitless	OmegaBLTB Unitless	OmegaVS Unitless	OmegaVNS Unitless
Envelopes Braced Frame		1.000000	1	1.670000	1.670000	1.670000	1.670000	1.500000

Table: Preferences - Cold Formed Design - AISI-ASD96, Part 2 of 2

OmegaT Unitless	OmegaC Unitless
1.670000	1.800000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 1 of 2

THDesign Text	NumCurves Unitless	NumPoints Unitless	MinEccen Yes/No	PatLLF Unitless	UFLimit Unitless	SeisCat Text	PhiT Unitless	PhiCTied Unitless
Envelopes	24	11	Yes	0.750000	0.950000	D	0.900000	0.650000

Table: Preferences - Concrete Design - ACI 318-05/IBC2003, Part 2 of 2

PhiCSpiral Unitless	PhiV Unitless	PhiVSeismic Unitless	PhiVJoint Unitless
0.700000	0.750000	0.600000	0.850000

Table: Preferences - Dimensional, Part 1 of 2

MergeTol m	FineGrid m	Nudge m	SelectTol Unitless	SnapTol Unitless	SLineThick Unitless	PLineThick Unitless	MaxFont Unitless	MinFont Unitless
0.001000	0.250000	0.250000	3	12	1	4	8	3

Table: Preferences - Dimensional, Part 2 of 2

AutoZoom Unitless	ShrinkFact Unitless	TextFileLen Unitless
10	70	240

Table: Preferences - Steel Design - AISC-LRFD93, Part 1 of 2

THDesign Text	FrameType Text	PatLLF Unitless	SRatioLimit Unitless	MaxIter Unitless	PhiB Unitless	PhiC Unitless	PhiT Unitless	PhiV Unitless
Envelopes Moment Frame		0.750000	0.950000	1	0.900000	0.850000	0.900000	0.900000

Table: Preferences - Steel Design - AISC-LRFD93, Part 2 of 2

PhiCA Unitless	CheckDefl Yes/No	DLRat Unitless	SDLAndLLRat Unitless	LLRat Unitless	TotalRat Unitless	NetRat Unitless
0.900000	No	120.000000	120.000000	360.000000	240.000000	240.000000

Table: Program Control, Part 1 of 2

ProgramName Text	Version Text	ProgLevel Text	LicenseOS Yes/No	LicenseSC Yes/No	LicenseBR Yes/No	LicenseHT Yes/No	CurrUnits Text
SAP2000	11.0.7	Basic	No	No	No	No	KN, m, C

Table: Program Control, Part 2 of 2

SteelCode Text	ConcCode Text	AlumCode Text	ColdCode Text	RegenHinge Yes/No
AISC-LRFD93	ACI 318-05/IBC2003	AA-ASD 2000	AISI-ASD96	Yes

Table: Project Information

Item Text	Data Text
Company Name	



Ponte sullo Stretto di Messina  
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Client Name  
Project Name  
Project Number  
Model Name  
Model Description  
Revision Number  
Frame Type  
Engineer  
Checker  
Supervisor  
Issue Code  
Design Code

Table: Rebar Sizes

RebarID Text	Area m2	Diameter m
#2	0.000032	0.006350
#3	0.000071	0.009525
#4	0.000129	0.012700
#5	0.000200	0.015875
#6	0.000284	0.019050
#7	0.000387	0.022225
#8	0.000510	0.025400
#9	0.000645	0.028651
#10	0.000819	0.032258
#11	0.001006	0.035814
#14	0.001452	0.043002
#18	0.002581	0.057328
10M	0.000100	0.011300
15M	0.000200	0.016000
20M	0.000300	0.019500
25M	0.000500	0.025200
30M	0.000700	0.029900
35M	0.001000	0.035700
45M	0.001500	0.043700
55M	0.002500	0.056400
6d	0.000028	0.006000
8d	0.000050	0.008000
10d	0.000079	0.010000
12d	0.000113	0.012000
14d	0.000154	0.014000
16d	0.000201	0.016000
20d	0.000314	0.020000
25d	0.000491	0.025000
26d	0.000531	0.026000
28d	0.000616	0.028000