

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01

LINEA A.V. /A.C. TORINO – VENEZIA Tratta MILANO – VERONA
Lotto funzionale Brescia-Verona

PROGETTO ESECUTIVO

IN87 – SIFONE DOPPIA CANNA 1,20x2,0 – PK 109+973,000
RELAZIONE DI CALCOLO

GENERAL CONTRACTOR	DIRETTORE LAVORI
Consorzio Cepav due Data: <u>29 MAG 2020</u>	Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Taranta)

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC	OPERA/DISCIPLINA	PROGR	REV
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Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 2 di 294
---------	------------------	-------------	---	-----------	--------------------

INDICE

1.	INTRODUZIONE	6
2.	NORMATIVA DI RIFERIMENTO	7
3.	CRITERI DI CALCOLO.....	8
3.1.	CRITERI E DEFINIZIONE DELL'AZIONE SISMICA	8
3.2.	COMBINAZIONI DI CARICO	9
3.2.1.	<i>Combinazioni per la verifica allo SLU</i>	9
3.2.2.	<i>Combinazioni per la verifica allo SLE</i>	10
4.	CARATTERISTICHE DEI MATERIALI.....	11
4.1.	CALCESTRUZZO PER MAGRONE.....	11
4.2.	CALCESTRUZZO	11
4.3.	ACCIAIO PER CEMENTO ARMATO	11
4.4.	DURABILITÀ E PRESCRIZIONI SUI MATERIALI	12
4.5.	COPRIFERRO MINIMO E COPRIFERRO NOMINALE	12
5.	PARAMETRI SISMICI.....	13
6.	PARAMETRI GEOTECNICI	14
7.	GEOMETRIA DELLA STRUTTURA	15
8.	MODELLAZIONE STRUTTURALE.....	16
8.1.	CODICE DI CALCOLO – RISPETTO DEL CAPITOLO 10.2 DELLE NTC08	16
8.1.1.	<i>Tipo di analisi svolta</i>	16
8.1.2.	<i>Origine e caratteristiche dei codici di calcolo</i>	16
8.1.3.	<i>Affidabilità dei codici utilizzati</i>	16
8.1.4.	<i>Informazioni generali sull'elaborazione</i>	16
8.1.5.	<i>Giudizio motivato di accettabilità dei risultati</i>	16
8.2.	MODELLAZIONE ADOTTATA.....	17
9.	ANALISI DEI CARICHI	19
9.1.	PESO PROPRIO STRUTTURE (LOAD1)	19
9.2.	CARICHI PERMANENTI PORTATI (LOAD2 E LOAD3).....	19

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 3 di 294
9.3.	SPINTA DEL TERRENO (LOAD4 E LOAD5).....				19
9.4.	AZIONI TERMICHE E RITIRO (LOAD 6 ÷ 9).....				20
9.5.	CARICHI MOBILI VERTICALI SULLA SOLETTA SUPERIORE (LOAD 10 ÷ LOAD 13).....				21
9.6.	SPINTA DEL SOVRACCARICO SUL RILEVATO (LOAD 14 - LOAD 15).....				23
9.7.	FRENATURA E AVVIAMENTO (LOAD 16 E LOAD 17).....				23
9.8.	SOVRACCARICHI ACCIDENTALI SULLA SOLETTA DI FONDAZIONE.....				24
9.9.	SERPEGGIO.....				24
9.10.	AZIONE SISMICA (LOAD 18÷27).....				24
9.11.	RIEPILOGO DEI CARICHI SOLLECITANTI.....				26
10.	CALCOLO DELLE SOLLECITAZIONI				27
10.1.	CONDIZIONI E COMBINAZIONI DI CARICO ADOTTATE				27
10.1.1.	<i>Combinazioni SLU di tipo STR</i>				28
10.1.2.	<i>Combinazioni SLU di tipo GEO</i>				33
10.1.3.	<i>Combinazioni SLV</i>				35
10.1.4.	<i>Combinazioni SLE – Quasi Permanente – Caratteristica</i>				37
10.2.	DIAGRAMMI DI INVILUPPO				41
10.2.1.	<i>Inviluppo momento flettente SLU/SLV – STR</i>				41
10.2.2.	<i>Inviluppo taglio SLU/SLV – STR</i>				41
10.2.3.	<i>Inviluppo momento flettente SLE – Quasi Permanente</i>				42
10.2.4.	<i>Inviluppo momento flettente SLE – Caratteristico</i>				42
11.	VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO				43
11.1.	SOLETTA INFERIORE.....				43
11.1.1.	<i>Soletta inferiore – sezione di incastro</i>				44
11.1.1.1.	<i>Verifiche allo stato limite ultimo per flessione</i>				45
11.1.1.2.	<i>Verifiche allo stato limite ultimo per taglio</i>				46
11.1.1.3.	<i>Verifiche allo stato limite di esercizio</i>				47
11.1.2.	<i>Soletta inferiore – sezione di mezzeria</i>				48
11.1.2.1.	<i>Verifiche allo stato limite ultimo per flessione</i>				48
11.1.2.2.	<i>Verifiche allo stato limite di esercizio</i>				49
11.2.	PIEDRITTI.....				50

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 4 di 294
---------	------------------	-------------	---	-----------	--------------------

11.2.1. Piedritto – sezione di incastro inferiore					51
11.2.1.1. Verifiche allo stato limite ultimo per flessione.....					51
11.2.1.2. Verifiche allo stato limite ultimo per taglio					52
11.2.1.3. Verifiche allo stato limite di esercizio					53
11.2.2. Piedritto – sezione di mezzeria					54
11.2.2.1. Verifiche allo stato limite ultimo per flessione.....					54
11.2.2.2. Verifiche allo stato limite di esercizio					55
11.2.3. Piedritto – sezione di superiore					56
11.2.3.1. Verifiche allo stato limite ultimo per flessione.....					56
11.2.3.2. Verifiche allo stato limite di esercizio					57
11.2.4. Setto interno.....					58
11.2.4.1. Verifiche allo stato limite ultimo per flessione.....					59
11.2.4.2. Verifiche allo stato limite ultimo per taglio					60
11.2.4.3. Verifiche allo stato limite di esercizio					61
11.3. SOLETTA SUPERIORE.....					62
11.3.1. Soletta superiore – sezione di incastro					62
11.3.1.1. Verifiche allo stato limite ultimo per flessione.....					63
11.3.1.2. Verifiche allo stato limite ultimo per taglio					64
11.3.1.3. Verifiche allo stato limite di esercizio					65
11.3.2. Soletta superiore – sezione di mezzeria					66
11.3.2.1. Verifiche allo stato limite ultimo per flessione.....					66
11.3.2.2. Verifiche allo stato limite di esercizio					67
12. IMBOCCHI					68
12.1. ANALISI DEI CARICHI					68
12.1.1. Peso proprio strutture.....					68
12.1.2. Spinta del terreno					68
12.1.3. Spinta del sovraccarico sul rilevato					68
12.1.4. Azione sismica					69
12.2. COMBINAZIONE DEI CARICHI					69
12.3. RIASSUNTO MASSIME SOLLECITAZIONI					69
12.4. CARATTERISTICHE GEOMETRICHE DELLA SEZIONE					70
12.1. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO					71
12.1.1. Verifica allo stato limite ultimo per flessione					71

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Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 5 di 294
---------	------------------	-------------	---	-----------	--------------------

12.1.2. Verifica allo stato limite ultimo per taglio.....	72
12.1.3. Verifiche allo stato limite di esercizio	73
13. VERIFICA EFFETTI LONGITUDINALI DA RITIRO	74
13.1. COAZIONI INTERNE DOVUTE AI FENOMENI DI RITIRO	74
13.2. CALCOLO DELLE SOLLECITAZIONI LONGITUDINALI DOVUTE AI FENOMENI DI RITIRO.....	75
14. RIFERIMENTI.....	76
14.1. DOCUMENTI REFERENZIATI.....	76
14.2. DOCUMENTI CORRELATI.....	76
14.3. DOCUMENTI SUPERATI.....	76
15. ALLEGATI.....	77

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
6 di 294

1. INTRODUZIONE

La presente relazione è relativa al calcolo dello scatolare doppia canna facente parte dell'opera denominata "IN87 – Sifone doppia canna 1.20x2.00", previsto al km 109+793.00 della linea ferroviaria nell'ambito dei lavori inerenti la linea A.V./A.C. TORINO – VENEZIA, tratta MILANO – VERONA, lotto funzionale Brescia – Verona.

Lo scatolare a doppia canna presenta dimensioni interne 1.20x2.00m con solette e piedritti di spessore 30cm e altezza di ricoprimento pari a 1.78m.

A monte e a valle sono presenti inoltre gli imbocchi al sifone caratterizzati da pareti di spessore pari a 30cm.

L'analisi strutturale viene effettuata su un modello piano che descrive una striscia larga 1.00m, secondo i criteri di calcolo descritti nei paragrafi seguenti. L'analisi viene svolta con un programma agli elementi finiti schematizzando i vari setti con elementi "beam" mutuamente incastrati e facendo riferimento ad una larghezza unitaria di struttura che viene pertanto risolta come struttura piana.

Le azioni considerate nel calcolo sono quelle tipiche di una struttura interrata con le aggiunte delle azioni di tipo ferroviario, con applicazione della Normativa sui ponti ferroviari D. M. Min. II. TT. del 14 gennaio 2008 – Norme tecniche per le costruzioni.

L'opera, ubicata nel Comune di Calcinato (BS), ricade in zona sismica: verranno pertanto considerate anche le azioni derivanti dall'analisi sismica, secondo quanto previsto dal D.M. 14/01/08.

2. **NORMATIVA DI RIFERIMENTO**

- UNI EN 197-1 giugno 2001 – “Cemento: composizione, specificazioni e criteri di conformità per cementi comuni”;
- UNI EN 11104 luglio 2016 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”, Istruzioni complementari per l’applicazione delle EN 206-1;
- UNI EN 206-1 ottobre 2006 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”;
- UNI EN 1998-5 (Eurocodice 8) – Gennaio 2005: “Progettazione delle strutture per la resistenza sismica – Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici”;
- UNI EN 1992-1-1 (Eurocodice 2) – Novembre 2005: “Progettazione delle strutture di calcestruzzo – Parte 1: Regole generali e regole per edifici”;
- D. M. Min. II. TT. del 14 gennaio 2008 – Norme tecniche per le costruzioni;
- CIRCOLARE 2 febbraio 2009, n.617 Istruzione per l’applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14 gennaio 2008;
- Linee guida sul calcestruzzo strutturale - Presidenza del Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale;
- RFI DTC SI MA IFS 001 A - Manuale di Progettazione delle Opere Civili;
- RFI DTC SI SP IFS 001 A Capitolato Generale Tecnico di Appalto delle Opere Civili.

3. CRITERI DI CALCOLO

In ottemperanza al D.M. del 14.01.2008 (Norme tecniche per le costruzioni), i calcoli sono condotti con il metodo semiprobabilistico agli stati limite.

3.1. Criteri e definizione dell'azione sismica

L'effetto dell'azione sismica di progetto sull'opera nel suo complesso, includendo il volume significativo di terreno, la struttura di fondazione, gli elementi strutturali e non strutturali, nonché gli impianti, deve rispettare gli stati limite ultimi e di esercizio definiti al § 3.2.1, i cui requisiti di sicurezza sono indicati nel § 7.1 della norma.

Per Stato Limite di salvaguardia della Vita (SLV) si intende che l'opera a seguito del terremoto subisce rotture e crolli dei componenti non strutturali e impiantistici e significativi danni di componenti strutturali, cui si associa una perdita significativa di rigidità nei confronti delle azioni orizzontali (creazione di cerniere plastiche secondo il criterio della gerarchia delle resistenze), mantenendo ancora un margine di sicurezza (resistenza e rigidità) nei confronti delle azioni verticali.

In merito alle opere scatolari di cui trattasi, nel rispetto del punto § 7.9.2., assimilando l'opera scatolare alla categoria delle spalle da ponte, rientrando tra le opere che si muovono con il terreno (§ 7.9.2.1), si può ritenere che la struttura debba mantenere sotto l'azione sismica un comportamento elastico; queste categorie di opere che si muovono con il terreno non subiscono le amplificazioni dell'accelerazione del suolo.

Per la definizione dell'azione sismica occorre definire il periodo di riferimento P_{VR} in funzione dello stato limite considerato.

La vita nominale (V_N) dell'opera è stata assunta pari a 100 anni.

La classe d'uso assunta è la III.

Il periodo di riferimento (V_R) per l'azione sismica, data la vita nominale e la classe d'uso, vale:

$$V_R = V_N \cdot C_u = 150 \text{ anni}$$

Il valore di probabilità di superamento del periodo di riferimento P_{VR} , cui riferirsi per individuare l'azione sismica agente, è:

$$P_{VR}(SLV) = 10\%$$

Il periodo di ritorno dell'azione sismica T_R espresso in anni vale:

$$T_R(SLV) = - \frac{V_R}{\ln(1 - P_{VR})} = 1424 \text{ anni}$$

Dato il valore del periodo di ritorno suddetto, tramite le tabelle riportate nell'Allegato B della norma o tramite la mappatura messa a disposizione in rete dall'Istituto Nazionale di Geofisica e Vulcanologia (INGV), è possibile definire i valori di a_g , F_0 , T^*_c .

a_g → accelerazione orizzontale massima del terreno su suolo di categoria A, espressa come frazione dell'accelerazione di gravità;

F_0 → valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T^*_c → periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

S → coefficiente che comprende l'effetto dell'amplificazione stratigrafica (S_s) e dell'amplificazione topografica (S_t).

Il calcolo viene eseguito con il metodo pseudostatico (N.T. par. 7.11.6). In queste condizioni l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.

Le spinte delle terre, considerando lo scatolare una struttura rigida e priva di spostamenti (NT par. 7.11.6.2.1 e EC8-5 par.7.3.2.1), sono calcolate in regime di spinta a riposo, condizione che comporta il calcolo delle spinte in condizione sismica con l'incremento dinamico di spinta del terreno calcolato secondo la formula di Wood:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot}^2$$

La spinta si considera come un carico uniformemente distribuito su h_{tot} .

L'azione sismica è rappresentata da un insieme di forze statiche orizzontali e verticali, date dal prodotto delle forze di gravità per le accelerazioni sismiche massime attese al suolo, considerando la componente verticale agente verso l'alto o verso il basso, in modo da produrre gli effetti più sfavorevoli.

3.2. Combinazioni di carico

Le combinazioni di carico, considerate ai fini delle verifiche, sono stabilite in modo da garantire la sicurezza in conformità a quanto prescritto al cap. 2 delle N.T.C..

3.2.1. Combinazioni per la verifica allo SLU

Gli stati limite ultimi delle opere interrato si riferiscono allo sviluppo di meccanismi di collasso, determinati dalla mobilitazione della resistenza del terreno, e al raggiungimento della resistenza degli elementi strutturali che compongono l'opera.

Le verifiche agli stati limite ultimi devono essere eseguiti in riferimento ai seguenti stati limite:

- SLU di tipo geotecnico (GEO) e di equilibrio di corpo rigido (EQU), collasso per carico limite dell'insieme fondazione-terreno;
- SLU di tipo strutturale (STR), raggiungimento della resistenza negli elementi strutturali.

Le verifiche vengono condotte secondo l'approccio progettuale "Approccio 1" e le relative combinazioni previste:

- combinazione 1 → (A1+M1+R1) → STR
- combinazione 2 → (A2+M2+R2) → GEO

Le combinazioni di carico di tipo A1 STR e A2 GEO vengono effettuate adottando i gruppi di azioni indicati in tabella 5.1.IV delle N.T.C. con i coefficienti parziali di sicurezza stradali indicati in tabella 5.1.V delle N.T.C. e i coefficienti di combinazione dei carichi stradali della tabella 5.1.VI delle N.T.C. presenti al capitolo 5.1.3.12 della norma.

Per quanto riguarda i coefficienti parziali per i parametri geotecnici del terreno (γ_M), si fa riferimento alla tabella 6.2.II delle N.T.C., mentre per quanto riguarda i coefficienti parziali per le verifiche agli stati limiti ultimi (γ_R) si fa riferimento alla tabella 6.5.I delle N.T.C..

Ai fini delle verifiche degli stati limiti ultimi si definiscono le seguenti combinazioni delle azioni:

- Combinazione fondamentale, impiegata per gli stati limiti ultimi SLU:

$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_{Q1} \cdot Q_{k1} + \sum_i \gamma_{Qi} \cdot \psi_{0i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

- Combinazione sismica, impiegata per gli stati limiti ultimi connessi all'azione sismica E:

$$E + G_1 + G_2 + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

- Gli effetti dell'azione sismica sono valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 + G_2 + \sum_i \psi_{2i} \cdot Q_{ki}$$

3.2.2. Combinazioni per la verifica allo SLE

Le combinazioni di carico allo SLE vengono effettuate adottando i gruppi di azioni indicati in tabella 5.1.IV delle N.T.C. con i coefficienti di combinazione dei carichi stradali della tabella 5.1.VI delle N.T.C. presenti al capitolo 5.1.3.12 della norma.

Ai fini delle verifiche degli stati limiti di esercizio si definiscono le seguenti combinazioni delle azioni:

- Quasi permanente $\Rightarrow G_1 + G_2 + \psi_{21} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$
- Frequente $\Rightarrow G_1 + G_2 + \psi_{11} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$
- Rara $\Rightarrow G_1 + G_2 + Q_{k1} + \sum_i \psi_{0i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$.

4. CARATTERISTICHE DEI MATERIALI

Per la realizzazione dell'opera è previsto l'impiego dei sottoelencati materiali:

4.1. Calcestruzzo per magrone

Per il magrone di sottofondazione si prevede l'utilizzo di calcestruzzo di classe Rck 15.

4.2. Calcestruzzo

Per la realizzazione delle strutture, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C32/40 (Rck \geq 40 N/mm²) che presenta le seguenti caratteristiche:

- Resistenza caratteristica a compressione (cilindrica) $\rightarrow f_{ck} = 0.83 \times R_{ck} = 33.20 \text{ N/mm}^2$
- Resistenza media a compressione $\rightarrow f_{cm} = f_{ck} + 8 = 41.20 \text{ N/mm}^2$
- Modulo elastico $\rightarrow E_{cm} = 22000 \times (f_{cm}/10)^{0.3} = 33643 \text{ N/mm}^2$
- Resistenza di calcolo a compressione $\rightarrow f_{cd} = \alpha_{cc} \times f_{ck} / \gamma_c = 0.85 * f_{ck} / 1.5 = 18.81 \text{ N/mm}^2$
- Resistenza a trazione media $\rightarrow f_{ctm} = 0.30 \times f_{ck}^{2/3} = 3.10 \text{ N/mm}^2$
- Resistenza a trazione $\rightarrow f_{ctk} = 0.7 \times f_{ctm} = 2.169 \text{ N/mm}^2$
- Resistenza a trazione di calcolo $\rightarrow f_{ctd} = f_{ctk} / \gamma_c = 1.446 \text{ N/mm}^2$
- Resistenza a compressione (comb. Rara) $\rightarrow \sigma_c = 0.55 \times f_{ck} = 18.26 \text{ N/mm}^2$
- Resistenza a compressione (comb. Quasi permanente) $\rightarrow \sigma_c = 0.40 \times f_{ck} = 13.28 \text{ N/mm}^2$

4.3. Acciaio per cemento armato

Per le armature metalliche si adottano tondini in acciaio del tipo B450C saldabile, controllato in stabilimento e che presentano le seguenti caratteristiche:

Proprietà	Requisito
Limite di snervamento f_y	$\geq 450 \text{ MPa}$
Limite di rottura f_t	$\geq 540 \text{ MPa}$
Allungamento totale al carico massimo A_{gt}	$\geq 7.5\%$
Rapporto f_t/f_y	$1,15 \leq R_m/R_e \leq 1,35$
Rapporto $f_{y \text{ misurato}} / f_{y \text{ nom}}$	$\leq 1,25$

- Tensione di snervamento caratteristica $\rightarrow f_{yk} \geq 450 \text{ N/mm}^2$
- Tensione caratteristica a rottura $\rightarrow f_{tk} \geq 540 \text{ N/mm}^2$
- Tensione in condizione di esercizio (comb. Rara) $\rightarrow \sigma_s = 0.75 * f_{yk} = 337.50 \text{ N/mm}^2$
- Fattore di sicurezza acciaio $\rightarrow \gamma_s = 1.15$
- Resistenza a trazione di calcolo $\rightarrow f_{yd} = f_{yk} / \gamma_s = 391.30 \text{ N/mm}^2$

4.4. Durabilità e prescrizioni sui materiali

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero alle norme UNI EN 206-1:2006 ed UNI 11104:2004.

Per le opere della presente relazione si adotta quanto segue:

Fondazione/ Elevazione CLASSE DI ESPOSIZIONE XC4 + XF1

4.5. Copriferro minimo e copriferro nominale

Al fine di preservare le armature dai fenomeni di aggressione ambientale, dovrà essere previsto un idoneo copriferro; il suo valore, misurato tra la parete interna del cassero e la generatrice dell'armatura metallica più vicina, individua il cosiddetto "copriferro nominale".

Il copriferro nominale c_{nom} è somma di due contributi, il copriferro minimo c_{min} e la tolleranza di posizionamento h . Vale pertanto: $c_{nom} = c_{min} + h$.

Considerate le condizioni ambientali dell'opera e le classi di resistenza del calcestruzzo, si adotta un copriferro nominale pari a $c_{nom} = 50$ mm.

5. PARAMETRI SISMICI

L'opera ricade nel comune di Calcinato in provincia di Brescia.

Le azioni sismiche impiegate sono rappresentative del territorio Comunale dove è ubica l'opera e risultano maggiori rispetto ai valori calcolati considerando le coordinate geografiche.

I corrispondenti valori delle caratteristiche sismiche per lo SLV (TR=1424 anni) sono i seguenti:

$$a_g = 0.230g$$

$$a_{gv} = 0.149g;$$

$$F_0 = 2.476;$$

$$T_c^* = 0.281 s;$$

Per quanto riguarda il sottosuolo su cui insiste l'opera, si assume che ricada in categoria sismica "B" e categoria topografica "T1". Il coefficiente di amplificazione stratigrafica e topografica risultano quindi:

$$S_s = 1.173$$

$$S_T = 1.0$$

L'accelerazione massima orizzontale viene valutata pari a:

$$a_{\max} (\text{SLV}) = S a_g = 1.173 \times 1.00 \times 0.230 g = 0.270 g$$

6. PARAMETRI GEOTECNICI

I parametri geotecnici caratteristici impiegati per caratterizzare i materiali da rinterri, sono:

Materiali da rinterro a tergo dello scatolare:

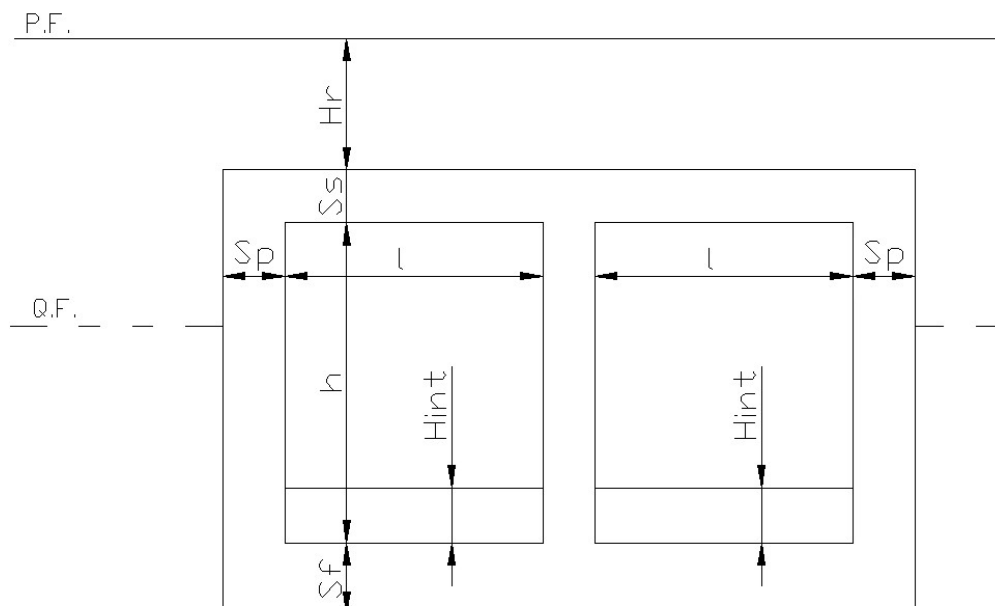
- $\Phi'_k = 35^\circ$
- $\gamma_m = 20 \text{ kN/m}^3$
- $\gamma' = 10 \text{ kN/m}^3$
- $\gamma_w = 10 \text{ kN/m}^3$

Il coefficiente di spinta a riposo corrispondente è pari a $k_0 = 0.426$.

Per quanto riguarda le caratteristiche geotecniche del terreno in situ, si rimanda allo specifico documento Rif. [1].

7. GEOMETRIA DELLA STRUTTURA

Si riportano di seguito le dimensioni geometriche della struttura:



Dimensioni geometriche (sezione in retto):

- $l = 1.20$ m
- $h = 2.00$ m
- $S_s = 0.30$ m
- $S_f = 0.30$ m
- $S_p = 0.30$ m
- $H_r = 1.78$ m
- P.F. = quota Piano Ferro
- Q.F. = quota Falda

La falda risulta posizionata al di sotto del piano di fondazione dello scatolare e pertanto non influenza il dimensionamento dell'opera.

L'asse del sottopasso è posizionato in retto rispetto all'asse ferroviario.

8. MODELLAZIONE STRUTTURALE

8.1. Codice di calcolo – rispetto del capitolo 10.2 delle NTC08

L'analisi della struttura scatolare è stata condotta con un programma agli elementi finiti (SAP2000) schematizzando i vari setti con elementi "beam" mutuamente incastrati e facendo riferimento ad una larghezza unitaria di struttura che viene pertanto risolta come struttura piana.

8.1.1. Tipo di analisi svolta

Trattandosi di opera interrata di tipo rigido la determinazione delle sollecitazioni sia in campo statico che in campo sismico è stata svolta mediante analisi statica lineare secondo le teorie classiche della Scienza delle Costruzioni, trascurando le eventuali capacità dissipative della struttura ($q=1$) e sfruttando il principio di sovrapposizione degli effetti.

L'analisi strutturale è stata svolta mediante un codice di calcolo FEM attraverso la modellazione con elementi di tipo "beam" a 2 nodi con 6 g.d.l.. Il metodo FEM sfrutta l'analisi di calcolo matriciale mediante costruzione della matrice di rigidezza della struttura. Le sollecitazioni ottenute per ciascun caso di carico vengono combinate tra loro mediante gli opportuni coefficienti di combinazione previsti dalla normativa secondo il principio di sovrapposizione degli effetti.

La verifica delle sezioni è stata svolta mediante calcolo dei valori di sollecitazione resistente allo SLU e mediante determinazione delle tensioni sui materiali o dell'ampiezza delle fessure per le verifiche agli SLE. Le operazioni di calcolo dei valori resistenti sono sviluppate mediante metodo analitico con l'ausilio di fogli di calcolo autoprodotti per automatizzare la procedura.

Le combinazioni di carico considerate per ciascuno stato limite sono riportate in forma tabellare nei capitoli specifici.

8.1.2. Origine e caratteristiche dei codici di calcolo

Per la determinazione delle sollecitazioni è stato impiegato il software FEM denominato SAP2000, prodotto dalla Computer e Structure inc. e distribuito dalla CSI Italia srl.

8.1.3. Affidabilità dei codici utilizzati

Riguardo il codice FEM impiegato, la casa produttrice ha provveduto alla produzione di tutti i documenti di validazione del software che non sono allegati alla presente relazione di calcolo per ragioni di sintesi, ma che possono essere forniti in qualsiasi momento o richiesti direttamente alla casa produttrice.

8.1.4. Informazioni generali sull'elaborazione

Sono stati eseguiti i seguenti controlli relativi al calcolo svolto mediante software FEM:

- verifica analitica della risultante dei carichi applicati al modello;
- verifica a vista della rispondenza dei diagrammi di momento flettente e delle deformate con i carichi applicati;
- verifica analitica dei valori di sollecitazione mediante combinazione dei carichi elementari.

8.1.5. Giudizio motivato di accettabilità dei risultati

Data la semplicità dello schema di calcolo e l'impiego di una modellazione FEM con 6 g.d.l., i risultati numerici svolti portano a risultati perfettamente rispondenti al medesimo calcolo svolto con linea elastica indipendentemente dalla geometria o dal numero di elementi impiegati per la modellazione. Si escludono pertanto errori di calcolo legati al metodo numerico.

Le verifiche svolte in corso di analisi, riassunte precedentemente, consentono l'individuazione di eventuali errori grossolani di modellazione geometrica o di modellazione, applicazione e combinazione dei carichi.

Le verifiche strutturali svolte in via analitica secondo la formulazione classiche della Scienza delle Costruzioni, escludono la possibilità di errori numerici di calcolo.

8.2. Modellazione adottata

La struttura viene schematizzata attraverso un modello analitico agli elementi finiti, assumendo uno schema statico di telaio chiuso.

Considerando la geometria della struttura, costituita da una sezione trasversale scatolare di dimensioni costanti e sviluppo in direzione longitudinale, si evince che la direzione principale in cui lavora è quella trasversale, di conseguenza, in via cautelativa, si analizza una sezione trasversale scatolare di lunghezza unitaria posta al di sotto del binario.

L'analisi strutturale viene condotta con il metodo degli spostamenti per la valutazione dello stato tenso-deformativo indotto da carichi statici.

Il suolo viene modellato facendo ricorso all'usuale artificio delle molle elastiche alla Winkler.

La caratteristica elastica della generica molla viene calcolata nel seguente modo:

- K_s = costante di sottofondo [F/L^3]
- b_t = interasse trasversale di competenza della generica molla
- b_l = interasse longitudinale di competenza della generica molla (= 1.00 m)
- $W_s = K_s \times (b_t \times b_l)$ = caratteristica elastica della generica molla

La costante di sottofondo adottata per la modellazione, funzione del tipo di terreno presente in sito, è pari a:

$$K_s = 5000 \text{ kN/m}^3$$

Per le caratteristiche geometriche delle varie aste si è quindi assunto:

- una sezione rettangolare $b \times h = 100 \times S_s$ cm per la soletta superiore
- una sezione rettangolare $b \times h = 100 \times S_f$ cm per la soletta di fondazione
- una sezione rettangolare $b \times h = 100 \times S_p$ cm per i piedritti.

Per quanto riguarda la rigidezza delle aste del reticolo si è assunto:

- $E_c = 33643 \text{ N/mm}^2$ (Per cls Rck 40);

Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle seguenti figure.

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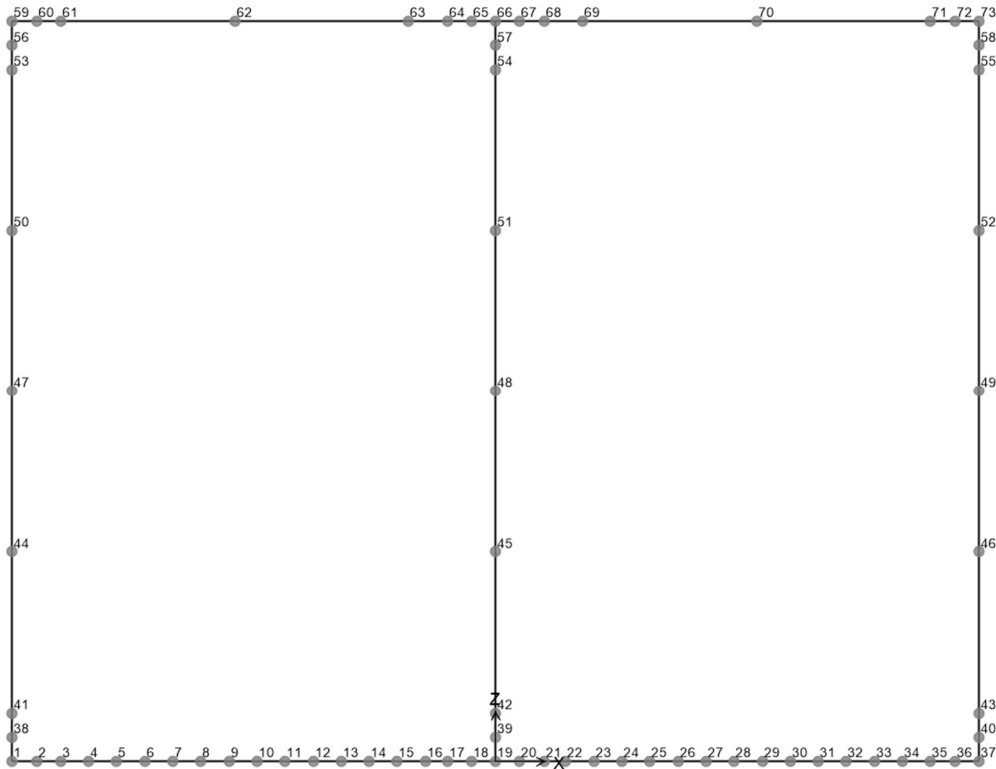
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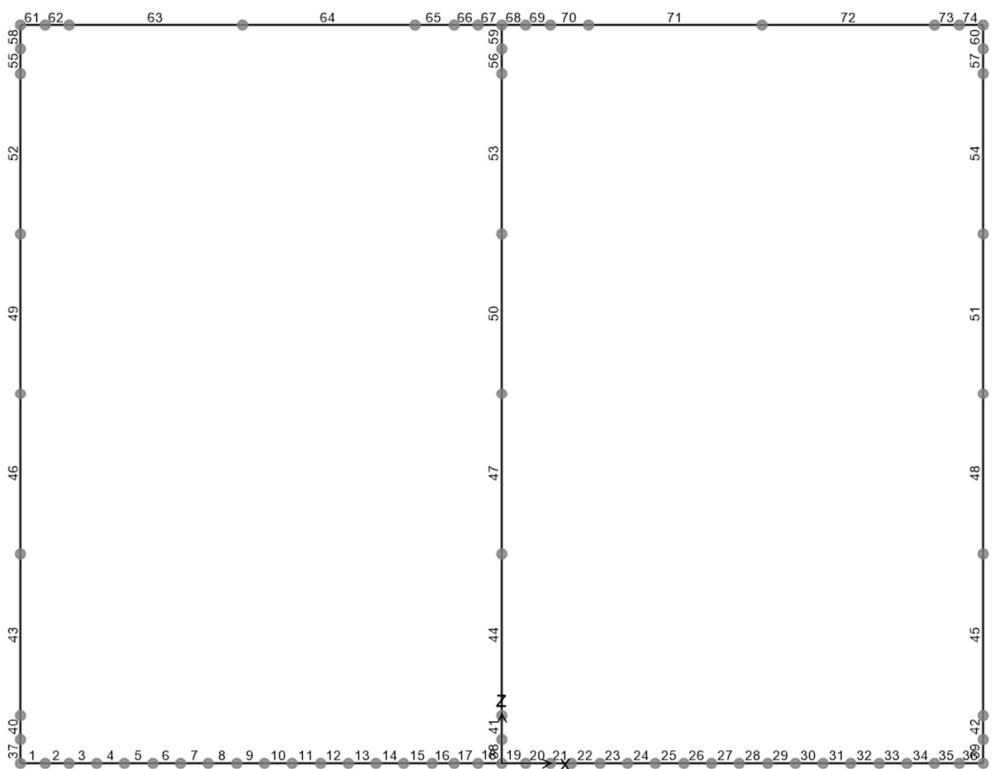
Rev.
A

Foglio
18 di 294

Numerazione dei nodi:



Numerazione delle aste:



9. ANALISI DEI CARICHI

Nel seguente paragrafo si descrivono i carichi elementari da assumere per le verifiche di resistenza in esercizio ed in presenza dell'evento sismico.

Vengono prese in considerazione le condizioni elementari di carico di seguito determinate.

Tali Combinazioni Elementari saranno opportunamente combinate secondo quanto previsto dalla normativa vigente.

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato:	$\gamma_{c.a.}$	= 25	kN/m ³
- rilevato:	γ_{ril}	= 20	kN/m ³
- sovrastruttura ferroviaria:	γ_{ric}	= 24	kN/m ³
- massicciata + armamento:	$\gamma_{ballast}$	= 18	kN/m ³

9.1. Peso proprio strutture (Load1)

- soletta superiore	$S_s \times \gamma_{c.a.} = 0.30 \times 25.00$	= 7.50 kN/m ²
- piedritti	$S_p \times \gamma_{c.a.} = 0.30 \times 25.00$	= 7.50 kN/m ²
- soletta inferiore	$S_i \times \gamma_{c.a.} = 0.30 \times 25.00$	= 7.50 kN/m ²

9.2. Carichi permanenti portati (Load2 e Load3)

Si considera che il ballast abbia uno spessore pari a 80 cm.

Load2 (sovraccarico ad esclusione del ballast ed armamento):

peso sovrastruttura ferroviaria	$H_{sol} \times \gamma_{c.a.} = 0.40 \times 24.00$	= 9.60 kN/m ²
peso rilevato	$H_{ril} \times \gamma_{ril} = 0.58 \times 20.00$	= 11.60 kN/m ²

Load 3 (sovraccarico dovuto a ballast e armamento):

peso ballast + armamento	$H_{ballast} \times \gamma_{ballast} = 0.80 \times 18.00$	= 14.40 kN/m ²
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9.3. Spinta del terreno (Load4 e Load5)

Il rinterro a ridosso dello scatolare verrà realizzato tramite materiale arido di buone caratteristiche meccaniche. Secondo quanto riportato in precedenza per il rinterro si assumono i seguenti parametri:

$$\gamma_t = 20 \text{ kN/m}^3$$

$$\gamma_w = 10 \text{ kN/m}^3$$

$$\phi'_k = 35^\circ$$

$$k_{0,k} = 0.4264 \quad k_{0,M1} = 0.4264 \quad k_{0,M2} = 0.5113$$

$$k_{a,k} = 0.2710 \quad k_{a,M1} = 0.2710 \quad k_{a,M2} = 0.3434$$

Si riporta di seguito il calcolo delle pressioni agenti sulla struttura, eseguito sia per la Combinazione 1 (A1+M1+R1) che per la Combinazione 2 (A2+M2+R2), ed indicando con Load 4 le spinte a riposo sul piedritto sinistro e con Load 5 quelle sul piedritto destro.

Approccio 1 – Combinazione 1

- Pressione in asse soletta superiore:

$$P_1 (h_1 = 1.93\text{m}) = k_{0,M1} \times [H_{\text{ballast}} \times \gamma_{\text{ballast}} + (h_1 - H_{\text{ballast}}) \times \gamma_t] =$$

$$= 0.4264 \times [(0.80 \times 18 + (1.93 - 0.80) \times 20)] = \mathbf{15.78 \text{ kN/m}^2}$$

- Pressione in asse soletta inferiore:

$$P_2 (h_2 = 4.23\text{m}) = P_1 + k_{0,M1} \times (h_2 - h_1) \times \gamma_t =$$

$$= 15.78 + 0.4264 \times (4.23 - 1.93) \times 20 = \mathbf{35.39 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

- Pressione in asse soletta superiore:

$$P_1 (h_1 = 1.93\text{m}) = k_{0,M2} \times [H_{\text{ballast}} \times \gamma_{\text{ballast}} + (h_1 - H_{\text{ballast}}) \times \gamma_t] =$$

$$= 0.5113 \times [(0.80 \times 18 + (1.93 - 0.80) \times 20)] = \mathbf{18.92 \text{ kN/m}^2}$$

- Pressione in asse soletta inferiore:

$$P_2 (h_2 = 4.23\text{m}) = P_1 + k_{0,M2} \times (h_2 - h_1) \times \gamma_t =$$

$$= 18.92 + 0.5113 \times (4.23 - 1.93) \times 20 = \mathbf{42.44 \text{ kN/m}^2}$$

9.4. Azioni termiche e ritiro (Load 6 ÷ 9)

Sono stati considerati gli effetti dovuti alle variazioni termiche. In particolare, è stata considerata una variazione termica uniforme di $\pm 15^\circ \text{C}$ sulla soletta superiore (Load 6 e Load 7), ed un salto termico di 5°C (analizzando i due casi di intradosso più caldo dell'estradosso e viceversa), con andamento lineare nello spessore della soletta superiore (Load 8 e Load 9).

Il valore applicato della variazione termica uniforme viene ridotto di 1/3 per considerare gli effetti viscosi del calcestruzzo, ed è quindi pari a $\pm 5^\circ \text{C}$.

Per il coefficiente di dilatazione termica si assume:

$$\alpha = 10 \times 10^{-6} = 0.00001 \text{ } ^\circ\text{C}^{-1}$$

Ritiro

Gli effetti del ritiro vanno valutati a “lungo termine” attraverso il calcolo dei coefficienti di ritiro finale $\varepsilon_{cs}(t, t_0)$ e di viscosità $\phi(t, t_0)$, come definiti nell'EC 2- UNI EN 1992-1-1 Novembre 2005 e D. M.14-01-2008.

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria della sola soletta superiore, assumendo la dimensione convenzionale h_0 pari a $2 \times A/u = 2 \times H = 80 \text{ cm}$, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

$$B = 100 \text{ cm}$$

$$H = 30 \text{ cm}$$

Deformazione da ritiro:

$$U.R. = 75\%$$

$$\epsilon_{ca}(t = \infty) = 2.5 \times (f_{ck} - 10) \times 10^{-6} = 2.5 \times (0.83 \times 40 - 10) \times 10^{-6} = 0.058 \text{ ‰}$$

$$\epsilon_{cd}(t = \infty) = k_h \times \epsilon_{cd,0} = 0.7 \times 0.32 \text{ ‰} = 0.22 \text{ ‰} \text{ (per calcestruzzo C32/40 classe N, U.R.=75\%)}$$

$$\epsilon_r = \epsilon_{ca} + \epsilon_{cd} = 0.278 \text{ ‰}$$

Effetto viscosità:

Il modulo viscoso a tempo infinito, in considerazione del valore di h_0 , della resistenza del calcestruzzo e della U.R., può cautelativamente essere assunto pari a $\phi(t = \infty) = 2.5$.

Il ritiro viene considerato nel calcolo delle sollecitazioni come un'azione termica applicata alla soletta superiore di intensità pari a:

$$\alpha \times \Delta T \times E_c = -\epsilon_r \times E_c / (1 + \phi)$$

$$\Delta T = -\epsilon_r / [\alpha \times (1 + \phi)] = -0.278 \text{ ‰} / [10 \times 10^{-6} \times (1 + 2.5)] = -7.94 \cong -10 \text{ °C.}$$

L'azione termica viene combinata con le altre azioni solamente quando il suo contributo incrementa le sollecitazioni. Per semplicità di calcolo, essa si considera sommata all'azione termica uniforme negativa (**Load 7**), considerando quindi un'azione pari a:

$$\Delta T^{(-)} = -5 - 10 = -15 \text{ °C.}$$

9.5. Carichi mobili verticali sulla soletta superiore (Load 10 ÷ Load 13)

Detta L_d la *larghezza di diffusione del carico trasversale* dalla rotaia alla quota del piano medio della soletta di copertura, assumendo che detta diffusione avvenga con rapporto 4/1 lungo il ballast ed il terrapieno e 1/1 lungo le strutture in c.a., si ottiene, considerando 2.60 m la larghezza della traversina:

$$L_d = 2.60 + 2 \times ((H_r - 0.40)/4 + S_s/2) = 2.60 + 2 \times ((1.78 - 0.40)/4 + 0.30/2) = 3.59 \text{ m} < 4.50 \text{ m (interasse binario)}$$

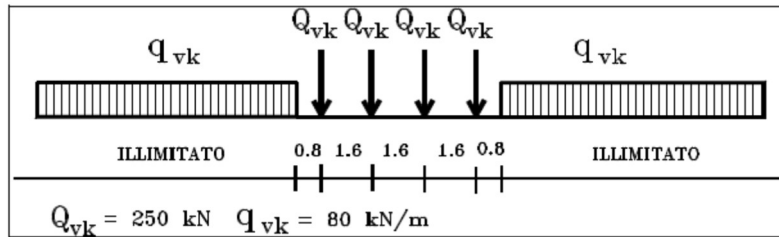
Incremento dinamico per linee con elevato standard manutentivo

Poiché il sottovia ha altezza libera $\leq 5.0\text{m}$ e luce libera $\leq 8.0\text{m}$, vale quanto segue:

$$\phi_2 = 1.20$$

Treno LM71 (Load 10)

Il treno LM71 è schematizzato da quattro assi da 250 kN su una lunghezza di 6.4m e da un carico distribuito di 80 kN/m in entrambe le direzioni per una lunghezza illimitata.



Treno di carico LM71

Si determina la larghezza di diffusione in direzione longitudinale del singolo asse, considerando una larghezza della traversina pari a 0.25m:

$$L_1 = 0.25 + 2 \times ((1.78 - 0.40)/4 + 0.30/2) = 1.24 \text{ m} < 1.60 \text{ m.}$$

La lunghezza di ripartizione longitudinale risulta minore all'interasse delle traverse, si considera un'unica impronta di carico di lunghezza pari a $L_1 = 1.24 + 3 \times 1.60 = 6.04 \text{ m}$.

Tutti i valori dei carichi suddetti dovranno essere moltiplicati per un coefficiente di adattamento "α", variabile in ragione della tipologia dell'infrastruttura (ferrovie ordinarie, ferrovie leggere, metropolitane, ecc.).

Modello di carico	Coefficiente "α"
LM71	1.1
SW/0	1.1
SW/2	1.0

Coefficiente di adattamento "α" in funzione del modello di carico

Il carico equivalente distribuito relativo ai quattro assi vale:

$$q_{\text{equi}} = 250 \times 4 / 6.04 = 165.56 \text{ kN/m}$$

- in corrispondenza dei quattro assi da 250 kN

$$q_1 = \alpha \times q_{\text{equi}} / L_{d1} \times \phi_2 = 1.10 \times 165.56 / 3.59 \times 1.20 = 60.88 \text{ kN/m}^2$$

- in corrispondenza del carico $q = 80 \text{ kN/m}$

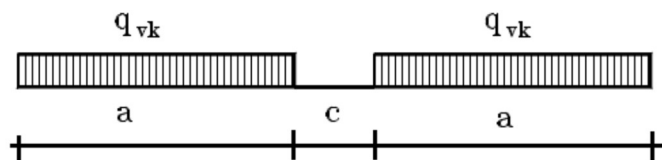
$$q_2 = \alpha \times q / L_{d1} \times \phi_2 = 1.10 \times 80 / 3.59 \times 1.20 = 29.42 \text{ kN/m}^2.$$

Per lo scatolare in esame, si individuano le seguenti tre disposizioni del carico LM71:

- Assi da 250 kN centrati sul setto centrale (**Load 10**);
- Assi da 250 kN centrati sulla campata destra (**Load 11**);
- Assi da 250 kN centrati sulla campata sinistra (**Load 12**).

Treno SW/2 (Load 13)

Viene schematizzato da un carico uniformemente ripartito



Treno di carico SW

Tale carico schematizza gli effetti statici prodotti dal traffico ferroviario pesante.

L'articolazione del carico è mostrata nella figura sopra riportata e, per tale modello di carico, sono considerate due distinte configurazioni denominate SW/0 ed SW/2 (l'SW/0 va considerato solo per travi continue qualora più sfavorevole dell'LM71).

Treno di Carico	q_{vk} [kN/m]	a [m]	c [m]
SW/0	133	15.0	5.3
SW/2	150	25.0	7.0

Caratteristiche Treno di Carico SW

Per i manufatti scatolari in oggetto non si prende in considerazione il treno SW/0.

$$q_{vk} = 150 \text{ kN/m}$$

$$q = q_{vk} / L_d \times \phi_2 = 150 / 3.59 \times 1.20 = \mathbf{50.14 \text{ kN/m}^2}$$

Si considera il treno di carico SW/2 applicato su tutta la soletta superiore (**Load 13**).

9.6. Spinta del sovraccarico sul rilevato (Load 14 - Load 15)

Si riporta di seguito il calcolo delle pressioni indotte sulla struttura dal sovraccarico su rilevato.

Per quanto riguarda il carico del treno LM71 si ottiene:

Approccio 1 – Combinazione 1

$$p_1 = \alpha \times q / L_d \times k_{0,M1} = 1.10 \times 165.56 / 3.59 \times 0.4264 = \mathbf{21.63 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

$$p_1 = \alpha \times q / L_d \times k_{0,M2} = 1.10 \times 165.56 / 3.59 \times 0.5113 = \mathbf{25.94 \text{ kN/m}^2}$$

Per il treno SW/2 si ottiene (**Load 15**):

Approccio 1 – Combinazione 1

$$p_2 = q_{vk} / L_{d1} \times k_{0,M1} = 150 / 3.59 \times 0.4264 = \mathbf{17.82 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

$$p_2 = q_{vk} / L_{d1} \times k_{0,M2} = 150 / 3.59 \times 0.5113 = \mathbf{21.36 \text{ kN/m}^2}$$

Nel modello di calcolo si considera la spinta congruente al treno di carico verticale considerato. La spinta è applicata sul solo piedritto sinistro per massimizzare gli effetti di sbilanciamento della struttura.

9.7. Frenatura e avviamento (Load 16 e Load 17)

Le forze di frenatura e di avviamento agiscono sulla sommità del binario nella direzione longitudinale dello stesso.

I valori caratteristici da considerare sono i seguenti:

$$Q_{1a,k} = 33 \text{ [kN/m]} \times L \text{ [m]} \leq 1000 \text{ kN} \quad \text{avviamento per modelli di carico LM71, SW/0 e SW/2}$$

$$Q_{1b,k} = 20 \text{ [kN/m]} \times L \text{ [m]} \leq 6000 \text{ kN} \quad \text{frenatura per modelli di carico LM71 e SW/0}$$

$$Q_{1b,k} = 35 \text{ [kN/m]} \times L \text{ [m]} \quad \text{frenatura per modello di carico SW/2}$$

Treno LM71 – avviamento (**Load 16**)

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 24 di 294
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$$Q_{avv,LM71} = 33.0 / L_d = 33.0 / 3.59 = 9.19 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$Q_{avv,LM71} = 9.19 \times (3.30/3.00) = \mathbf{10.11 \text{ kN/m}^2}$$

Treno SW/2 – frenatura (Load 17)

$$Q_{fren,SW/2} = 35.0 / L_d = 35.0 / 3.59 = 9.75 \text{ kN/m}$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$Q_{fren,SW/2} = 9.75 \times (3.30/3.00) = \mathbf{10.72 \text{ kN/m}^2}$$

Nel modello di calcolo si considera l'azione congruente al treno di carico verticale considerato. La spinta è applicata da sinistra verso destra per massimizzare gli effetti di sbilanciamento della struttura.

9.8. Sovraccarichi accidentali sulla soletta di fondazione

A favore di sicurezza si trascurano i carichi presenti sulla soletta di fondazione.

9.9. Serpeggio

Poiché l'asse del sottopasso è posto in retto rispetto all'asse ferroviario e poiché la sezione di calcolo è ortogonale all'asse del sottopasso, la forza longitudinale relativa al serpeggio risulta ortogonale al piano del telaio di calcolo: essa non dà perciò effetti nel modello e non viene quindi quantificata.

9.10. Azione sismica (Load 18÷27)

La risultante delle forze inerziali orizzontali indotte dal sisma viene valutata con la seguente espressione:

$$F_h = P \times a_{gh};$$

$$F_v = P \times a_{gv};$$

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

$a_{gh} = 0.270 \text{ g}$, accelerazione orizzontale;

$a_{gv} = 0.149 \text{ g}$, accelerazione verticale.

Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento all'EC8-5, appendice E – “Analisi semplificata per le strutture di contenimento”, punto 9 – “Forze causate dalla spinta del terreno per strutture rigide”, in cui l'incremento di spinta sismica ΔP per la condizione a riposo viene valutato come:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot}^2$$

La risultante di tale incremento di spinta (**Load 18**) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot} :

$$\Delta p_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot} = 0.270 \times 20.0 \times 4.38 = 23.65 \text{ kN/m}^2.$$

Per tenere in conto della metà dello spessore della soletta superiore che non è modellata che subisce la forza sismica, il carico applicato alla struttura risulta pari a:

$$\Delta p_{d,incr} = \Delta p_d \times (H_{interna} + S_s + S_i) / (H_{interna} + S_s/2 + S_i) = 23.65 \times 2.45 / 2.30 = \mathbf{25.19 \text{ kN/m}^2}$$

Ai fini del calcolo delle azioni sismiche orizzontali dovute all'inerzia degli elementi strutturali non si considera sulla soletta superiore l'inerzia dovuta alla presenza del rilevato (**Load 19**):

$$\text{Piedritti: } \Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.30 \times 0.270 = \mathbf{2.03 \text{ kN/m}^2}$$

$$\text{Soletta: } \Delta p_{s,h} = (\gamma_{c.a.} \times S_s + G_{\text{sovracc}}) \times a_{gh} = (25 \times 0.30 + 35.60) \times 0.270 = \mathbf{11.64 \text{ kN/m}^2}$$

Sulla soletta superiore sono presenti alternativamente i treno di carico LM71 e SW/2 dei quali si considera l'inerzia della massa ad essi associata (Load 20 e Load 21).

Considerando inoltre che le N.T.C. assegnano alle masse derivanti dal carico mobile un coefficiente di combinazione $\psi_2 = 0.20$, l'effetto inerziale del treno di carico LM71 (**Load 20**) vale:

$$\Delta p_{LM71,h} = 60.88 \times 0.20 \times 0.270 = 3.29 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$\Delta p_{LM71,h} = 3.29 \times (3.30/3.00) = \mathbf{3.62 \text{ kN/m}^2}$$

Analogamente, l'effetto inerziale del treno di carico SW/2 (**Load 21**) vale:

$$\Delta p_{SW/2,h} = 50.14 \times 0.20 \times 0.270 = 2.71 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$\Delta p_{SW/2,h} = 2.71 \times (3.30/3.00) = \mathbf{2.98 \text{ kN/m}^2}$$

Ai fini del calcolo delle azioni sismiche verticali dovute all'inerzia degli elementi strutturali si considera sulla soletta superiore anche l'inerzia dovuta alla presenza del rilevato. Le azioni verticali si considerano alternativamente agenti verso l'alto o verso il basso (**Load 22, Load 23**):

$$\text{Piedritti: } \Delta p_{p,v} = \pm \gamma_{c.a.} \times S_p \times a_{gv} = \pm 25 \times 0.30 \times 0.149 = \pm \mathbf{1.12 \text{ kN/m}^2}$$

$$\text{Soletta: } \Delta p_{s,v} = \pm (\gamma_{c.a.} \times S_s + G_{\text{sovracc}}) \times a_{gv} = \pm (25 \times 0.30 + 35.60) \times 0.149 = \pm \mathbf{6.42 \text{ kN/m}^2}$$

Sulla soletta superiore sono presenti alternativamente i treno di carico LM71 e SW/2 dei quali si considera l'inerzia della massa ad essi associata (Load 24÷27). Le azioni verticali si considerano alternativamente agenti verso l'alto o verso il basso.

L'inerzia del treno LM71 si considera uniformemente distribuito sulla soletta superiore (**Load 24 e Load 25**):

$$\Delta p_{LM71,v} = \pm 60.88 \times 0.20 \times 0.155 = \pm \mathbf{1.81 \text{ kN/m}^2}$$

L'inerzia del treno SW/2 si considera uniformemente distribuito sulla soletta superiore (**Load 26 e Load 27**):

$$\Delta p_{SW/2,v} = \pm 50.14 \times 0.20 \times 0.155 = \pm \mathbf{1.49 \text{ kN/m}^2}$$

9.11. Riepilogo dei carichi sollecitanti

Nella seguente tabella vengono riportati i valori delle sollecitazioni per i singoli casi di carico, determinati come sopra riportato.

Load 1	Soletta superiore	7,50	kN/m ²
	Piedritti	7,50	kN/m ²
	Soletta inferiore	7,50	kN/m ²
Load 2	Sovraccarico permanente	21,20	kN/m ²
Load 3	Ballast	14,40	kN/m ²
Load 4, Load 5 (M1)	P1	15,78	kN/m ²
	P2	0,00	kN/m ²
	P3	35,39	kN/m ²
Load 4, Load 5 (M2)	P1	18,92	kN/m ²
	P2	0,00	kN/m ²
	P3	42,44	kN/m ²
Load 6	T	5	°C
Load 7	T	-15	°C
Load 8	ΔT	16,67	°C/m
Load 9	ΔT	-16,67	°C/m
Load 10, Load 11, Load 12	q1	60,88	kN/m ²
	q2	29,42	kN/m ²
Load 13	q	50,14	kN/m ²
Load 14 (M1)	p1	21,63	kN/m ²
Load 14 (M2)	p1	25,94	kN/m ²
Load 15 (M1)	p2	17,82	kN/m ²
Load 15 (M2)	p2	21,36	kN/m ²
Load 16	$Q_{avv,LM71}$	10,11	kN/m ²
Load 17	$Q_{fren,SW/2}$	10,72	kN/m ²
Load 18	$\Delta p_{d,inc}$	25,19	kN/m ²
Load 19	$\Delta p_{p,h}$	2,03	kN/m ²
	$\Delta p_{s,h}$	11,64	kN/m ²
Load 20	$\Delta p_{LM71,h}$	3,62	kN/m ²
Load 21	$\Delta p_{SW/2,h}$	2,98	kN/m ²
Load 22	$\Delta p_{p,v+}$	1,12	kN/m ²
	$\Delta p_{s,v+}$	6,42	kN/m ²
Load 23	$\Delta p_{p,v-}$	-1,12	kN/m ²
	$\Delta p_{s,v-}$	-6,42	kN/m ²
Load 24	$\Delta p_{LM71,v+}$	1,81	kN/m ²
Load 25	$\Delta p_{LM71,v-}$	-1,81	kN/m ²
Load 26	$\Delta p_{SW/2,v+}$	1,49	kN/m ²
Load 27	$\Delta p_{SW/2,v-}$	-1,49	kN/m ²

10. CALCOLO DELLE SOLLECITAZIONI

Gli effetti dei carichi verticali dovuti alla presenza dei convogli vanno sempre combinati con le altre azioni derivanti dal traffico ferroviario, adottando i coefficienti indicati in Tab. 5.2.IV (NTC).

	Azioni verticali	Frenatura e avviamento	
Gruppo 1	1	0.50	Rara e frequente
Gruppo 3	1(0,5)	1.00	Rara e frequente
Gruppo 4	0.80	0.80	Fessurazione

Per le verifiche agli stati limite ultimi si adottano i valori dei coefficienti parziali in Tab. 5.2.V e i coefficienti di combinazione Ψ in Tab. 5.2.VI (NTC).

Per le verifiche agli stati limite d'esercizio si adottano i valori dei coefficienti parziali in Tab. 5.2.VI (NTC).

10.1. Condizioni e combinazioni di carico adottate

Le condizioni elementari di carico considerate sono di seguito riassunte:

Load	Tipo	Carico
1	G _{gk}	Peso proprio della struttura
2	G _k	Peso rilevato
3	G _k	Peso ballast
4	G _k	Spinta terre da sinistra
5	G _k	Spinta terre da destra
6	Q _k	Carico termico positivo uniforme
7	Q _k	Carico termico negativo uniforme
8	Q _k	Carico termico variabile +/-
9	Q _k	Carico termico variabile -/+
10	Q _k	Carico LM71 centrale
11	Q _k	Carico LM71 su piedritto DX
12	Q _k	Carico LM71 su piedritto SX
13	Q _k	Carico SW/2
14	Q _k	Avviamento LM71
15	Q _k	Frenatura SW/2
16	Q _k	Spinta LM71 su piedritto sx
17	Q _k	Spinta SW/2 su piedritto sx
18	Q _k	Incremento dinamico terreno
19	Q _k	Azioni sismiche inerziali orizzontali da permanenti
20	Q _k	Azioni sismiche inerziali orizzontali da LM71
21	Q _k	Azioni sismiche inerziali orizzontali da SW/2
22	Q _k	Azioni sismiche inerziali verso alto da permanenti
23	Q _k	Azioni sismiche inerziali verso basso da permanenti
24	Q _k	Azioni sismiche inerziali verso alto da LM71
25	Q _k	Azioni sismiche inerziali verso basso da LM71
26	Q _k	Azioni sismiche inerziali verso alto da SW/2
27	Q _k	Azioni sismiche inerziali verso basso da SW/2

I carichi caratteristici sopra elencati, al fine di ottenere le sollecitazioni di progetto per effettuare le successive verifiche, sono opportunamente combinati fra loro.

I valori numerici riportati nelle colonne delle seguenti tabelle di combinazione indicano il coefficiente moltiplicativo con il quale la condizione elementare è considerata. Tali valori sono il risultato dei prodotti tra coefficienti parziali operanti sulle azioni.

10.1.1. Combinazioni SLU di tipo STR

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - /Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		1,35	1,35	1,5	1,35	1	1,5	0	1,5	0	0	0	0	0	0	0	0	0
2	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
3	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
4	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
5	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
6	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0
7	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
8	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
9	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
10	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
11	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	1,45
12	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0,58
13	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	0,58
14	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	1,45	0
15	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58	0	1,45
16	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0,58
17	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	1,16
18	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
19	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
20	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
21	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
22	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0
23	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
24	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
25	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
26	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	0
27	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45
28	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58
29	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	0,58
30	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	1,45	0
31	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45
32	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58
33	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	1,16
34		1,35	1,35	1,5	1,35	1	0	1,5	1,5	0	0	0	0	0	0	0	0	0
35	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0	0	0
36	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	0	1,45
37	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0	0,58
38	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	0	0,58
39	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0	1,45	0
40	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
41	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
42	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
43	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	0
44	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	1,45
45	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0,58

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - /Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
102	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	0	0	1,45
103	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0	0	0,58
104	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	0	0	0,58
105	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0	1,45	0	0	0
106	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	1,45	0	1,45
107	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0,58	0	0,58
108	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	1,16	0	0,58
109	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	0	0
110	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	0	1,45
111	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0	0,58
112	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45	0	0	0,58
113	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	1,45	0
114	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	1,45	1,45
115	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0,58	0,58
116	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45	0	1,16	0,58
117	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0	0	0	0	0
118	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	0	0	1,45
119	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0	0	0,58
120	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	0	0	0,58
121	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0	0	1,45	0	0
122	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	1,45	0	1,45
123	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0,58	0	0,58
124	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	1,16	0	0,58
125	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	0	0
126	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	0	1,45
127	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0	0,58
128	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	0	0,58
129	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	1,45	0
130	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	1,45	1,45
131	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0,58	0,58
132	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	1,16	0,58
133		1,35	1,35	1,5	1,35	1	1,5	0	0	1,5	0	0	0	0	0	0	0	0	0
134	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0	0	0	0	0
135	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0	0	0	1,45
136	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
137	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
138	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0	1,45	0	0	0
139	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
140	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
141	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
142	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	0	0
143	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
144	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
145	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
146	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	1,45	0
147	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
148	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
149	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
150	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0	0	0	0	0
151	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
152	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
153	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
154	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0	0	1,45	0	0
155	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
156	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
157	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
31 di 294

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - /Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
158	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	0	0
159	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
160	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
161	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
162	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	1,45	0
163	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
164	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
165	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
166		1,35	1,35	1,5	1,35	1	0	1,5	0	1,5	0	0	0	0	0	0	0	0	0
167	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0	0	0	0	0
168	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	0	0	1,45
169	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
170	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
171	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0	0	1,45	0	0
172	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
173	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
174	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
175	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
176	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
177	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
178	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
179	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0
180	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
181	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
182	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
183	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
184	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
185	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
186	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
187	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0	0	1,45	0	0
188	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
189	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
190	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
191	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
192	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
193	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
194	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
195	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0
196	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
197	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
198	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
199		1,35	1,35	1,5	1	1	1,5	0	0	1,5	0	0	0	0	0	0	0	0	0
200	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0	0	0	0
201	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0	0	0	1,45
202	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
203	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
204	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0	1,45	0	0
205	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
206	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
207	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
208	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	0	0
209	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
210	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
211	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
212	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	1,45	0
213	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0,58	0	1,45	1,45	1,45

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
32 di 294

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - /Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
214	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
215	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
216	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0	0	0	0	0
217	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
218	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
219	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
220	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0	0	1,45	0	0
221	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
222	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
223	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
224	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	0	0
225	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
226	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
227	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
228	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	1,45	0
229	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
230	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
231	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
232		1,35	1,35	1,5	1	1	0	1,5	0	1,5	0	0	0	0	0	0	0	0	0
233	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0	0	0	0	0
234	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	0	0	1,45
235	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
236	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
237	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0	0	1,45	0	0
238	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
239	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
240	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
241	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
242	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
243	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
244	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
245	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0
246	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
247	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
248	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
249	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
250	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
251	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
252	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
253	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0	0	1,45	0	0
254	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
255	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
256	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
257	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
258	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
259	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
260	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
261	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0
262	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
263	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
264	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58

10.1.2. Combinazioni SLU di tipo GEO

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
1		1	1	1,3	1	1	1,3	0	1,3	0	0	0	0	0	0	0	0	0
2	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	0	0
3	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
4	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
5	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	0	0,5
6	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	1,25	0
7	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	0
8	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
9	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	1	0,5
10	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	0	0
11	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	1,25
12	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0,5
13	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	0,5
14	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	1,25	0
15	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	1,25
16	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0,5
17	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	0,5
18	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0
19	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0,5	0	0	1,25
20	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
21	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0,5
22	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
23	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	0
24	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
25	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	1,25	0	1	0,5
26	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0	0	0
27	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0,5	0	1,25
28	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0	1,25	0	0,5
29	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	0	1,25	0	0,5
30	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0	0	1,25
31	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0,5	0	1,25
32	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0	1,25	0	0,5
33	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	0	1,25	0	0,5
34		1	1	1,3	1	1	0	1,3	1,3	0	0	0	0	0	0	0	0	0
35	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	0	0	0
36	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	0	1,25
37	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0	0,5
38	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	0	0,5
39	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	1,25	0	0
40	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	1,25	1,25
41	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
42	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	1	0,5
43	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	0	0
44	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0,5	0	1,25
45	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	0	1,25	0	0,5
46	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	0	1,25	0	0,5
47	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	1,25	0
48	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0,5	0	1,25
49	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	0	1,25	0	0,5
50	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	0	1,25	0	0,5
51	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0	0	0	0
52	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0,5	0	0	1,25

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AFoglio
34 di 294

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif / Ritiro	DT +	DT -	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
																			1
53	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0,5	0	1,25	0	0	0	0,5
54	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1	0	1,25	0	0	0	0,5
55	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0	0	1,25	0	0
56	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0,5	0	1,25	0	1,25
57	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0,5	0	1,25	0	0,5	0	0,5
58	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1	0	1,25	0	1	0	0,5
59	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0	0	0	0
60	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0,5	0	0	1,25
61	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0	1,25	0	0	0,5
62	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	0	1,25	0	0	0,5
63	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0	0	1,25	0
64	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0,5	0	1,25	1,25
65	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0	1,25	0	0,5	0,5
66	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	0	1,25	0	1	0,5
67		1	1	1,3	1	1	1,3	0	0	1,3	0	0	0	0	0	0	0	0	0
68	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0	0	0	0
69	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0	0	0	1,25
70	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0	0	0	1,25	0	0	0	0,5
71	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	0	0	0	1,25	0	0	0	0,5
72	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0	1,25	0	0
73	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0,5	0	1,25	0	1,25
74	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0	0	0	1,25	0	0,5	0	0,5
75	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	0	0	0	1,25	0	1	0	0,5
76	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0	0	0	0
77	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
78	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
79	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1	0	0	0	1,25	0	0	0,5
80	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0	0	1,25	0
81	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0,5	0	1,25	1,25
82	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
83	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1	0	0	0	1,25	0	1	0,5
84	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0	0	0	0	0
85	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0,5	0	0	0	1,25
86	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0,5	0	1,25	0	0	0	0,5
87	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1	0	1,25	0	0	0	0,5
88	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0	0	1,25	0	0
89	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0,5	0	1,25	0	1,25
90	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0,5	0	1,25	0	0,5	0	0,5
91	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1	0	1,25	0	1	0	0,5
92	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0	0	0	0
93	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0,5	0	0	1,25
94	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
95	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	0	1,25	0	0	0,5
96	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0	0	1,25	0
97	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0,5	0	1,25	1,25
98	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
99	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	0	1,25	0	1	0,5
100		1	1	1,3	1	1	0	1,3	0	1,3	0	0	0	0	0	0	0	0	0
101	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0	0	0	0	0
102	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0,5	0	0	0	1,25
103	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0	0	0	1,25	0	0	0	0,5
104	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	0	0	1,25	0	0	0	0,5
105	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0	0	1,25	0	0
106	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0,5	0	1,25	0	1,25
107	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0	0	0	1,25	0	0,5	0	0,5

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
108	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	0	0	1,25	0	1	0	0,5
109	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	0	0	
110	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	
111	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	
112	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	0	0,5	
113	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	1,25	0	
114	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	1,25	1,25	
115	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0,5	0,5	
116	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	1	0,5	
117	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	0	0	0	
118	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	0	1,25	
119	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0,5	0	1,25	0	0	0,5	
120	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	0	0,5	
121	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	1,25	0	0	
122	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	1,25	1,25	
123	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0,5	0	1,25	0	0,5	0,5	
124	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	1	0,5	
125	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	0	0	
126	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	
127	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	
128	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25	0	0,5	
129	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	1,25	0	
130	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	
131	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	
132	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25	0	0,5	

10.1.3. Combinazioni SLV

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
2	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3					
3	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0,2	0	0,2	0	0,2	1	1	1	1	0,3			0,3		
4	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1	1	0,3		0,3		0,3	
5	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1	1	1	0,3			0,3		
6	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1					
7	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1					
8	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3	0,3		1			1		
9	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3	0,3		1			1	
10	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3	0,3	0,3		1			1	

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
36 di 294

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
11	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
12	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3					
13	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0	1	1		1	0,3			0,3		
14	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3			0,3	0,3	
15	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
16	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
17	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
18	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3		1			1		
19	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3	0,3		1		1		
20	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3				1		
21	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
22	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
23	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
24	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
25	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3		0,3		0,3	
26	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
27	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
28	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
29	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
30	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3	0,3		1			1		
31	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0	1	1				0,3				
32	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
33	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
34	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
35	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
36	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
37	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
38	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
39	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
40	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
41	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0	1	1			0,3					
42	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
43	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
44	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
45	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
46	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
47	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
48	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3		1				1	
49	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
50	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
51	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0	1	1				0,3				
52	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3			0,3		
53	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	1	1		1	0,3			0,3		
54	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3			0,3		
55	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
56	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
57	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
58	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3		1				1	
59	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1		
60	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
61	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0	1	1			0,3				1	

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
62	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3					
63	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	1	1		1		0,3				
64	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3		0,3	
65	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	1	1		1		0,3			0,3	
66	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
67	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
68	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3		1			1		
69	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1		1	
70	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3		1				1	
71	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0	1	1				0,3				
72	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
73	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	1	1		1		0,3			0,3	
74	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
75	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	1	1		1		0,3			0,3	
76	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1			0,3	
77	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
78	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3		1				1	
79	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
80	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,3	0,3		0,3		1			1	

I coefficienti di combinazione SLV applicati ai singoli Load Case sono i medesimi sia per l'Approccio 1-Combinazione 1 che per l'Approccio 1-Combinazione 2.

10.1.4. Combinazioni SLE – Quasi Permanente – Caratteristica

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
QP1		1	1	1	1	1	0,5	0	0,5	0										
QP2		1	1	1	1	1	0	0,5	0,5	0										
QP3		1	1	1	1	1	0,5	0	0	0,5										
QP4		1	1	1	1	1	0	0,5	0	0,5										
Car1	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	0	0	0	0
Car2	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	0	0	0	0
Car3	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	1	0	1	0
Car4	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	1	0	1	0
Car5	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	0	0	0	0
Car6	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	0	0	0	0
Car7	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	1	0	1	0
Car8	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	1	0	1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
38 di 294

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car9	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0	0	0
Car10	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	0	0	0
Car11	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	1	0	0,5
Car12	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car13	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0	0	0
Car14	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	0	0	0
Car15	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	1	0	0,5
Car16	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car17	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	0	0
Car18	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	0	0
Car19	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	1	1
Car20	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	1	1
Car21	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	0	0
Car22	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	0	0
Car23	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	1	1
Car24	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	1	1
Car25	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0	0
Car26	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	0	0
Car27	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	1	0,5
Car28	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car29	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0	0
Car30	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	0	0
Car31	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	1	0,5
Car32	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car33	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	0	0	0
Car34	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	0	0	0
Car35	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	1	0	1
Car36	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	1	0	1
Car37	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	0	0	0
Car38	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	0	0	0
Car39	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	1	0	1
Car40	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	1	0	1
Car41	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0	0	0
Car42	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	0	0	0
Car43	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	1	0	0,5
Car44	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car45	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0	0	0
Car46	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	0	0	0
Car47	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	1	0	0,5
Car48	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car49	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	0	0
Car50	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	0	0
Car51	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	1	1
Car52	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	1	1
Car53	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	0	0
Car54	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	0	0
Car55	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	1	1
Car56	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	1	1
Car57	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0	0
Car58	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	0	0
Car59	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	1	0,5
Car60	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5
Car61	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0	0
Car62	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	0	0
Car63	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	1	0,5
Car64	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
39 di 294

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
Car65		1	1	1	1	1	0	1	0	0			0	0	0	0	0	0
Car66		1	1	1	1	1	0	1	0	0			0	0	0	0	0	0
Car67	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0,5	0	0	0	0
Car68	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	0	0	0
Car69	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0,5	0	1	0	1
Car70	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	1	0	1
Car71	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0,5	0	0	0	0
Car72	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	0	0	0
Car73	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0,5	0	1	0	1
Car74	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	1	0	1
Car75	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	1	0	0	0	0
Car76	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	0	0
Car77	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	1	0,5
Car78	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	0	1	0	0,5	0,5
Car79	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0	0
Car80	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	0	0
Car81	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	1	0,5
Car82	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0,5	0,5
Car83	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0,5	0	0	0
Car84	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	0	0
Car85	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0,5	0	1	1
Car86	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	1	1
Car87	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0,5	0	0	0
Car88	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	0	0
Car89	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0,5	0	1	1
Car90	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	1	1
Car91	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0
Car92	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	0
Car93	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	1
Car94	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0,5
Car95	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0
Car96	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	0
Car97	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	1
Car98	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5
Car99	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	0	0
Car100	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	0	0
Car101	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	1	0
Car102	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	1	0
Car103	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	0	0
Car104	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	0	0
Car105	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	1	0
Car106	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	1	0
Car107	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0	0
Car108	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	0	0
Car109	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	1	0,5
Car110	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0,5	0,5
Car111	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0	0
Car112	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	0	0
Car113	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	1	0,5
Car114	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0,5	0,5
Car115	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	0
Car116	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	0
Car117	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	1
Car118	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	1
Car119	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0,5	0	0
Car120	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0	0	0

Doc. N.

Progetto
INOR

Lotto
12

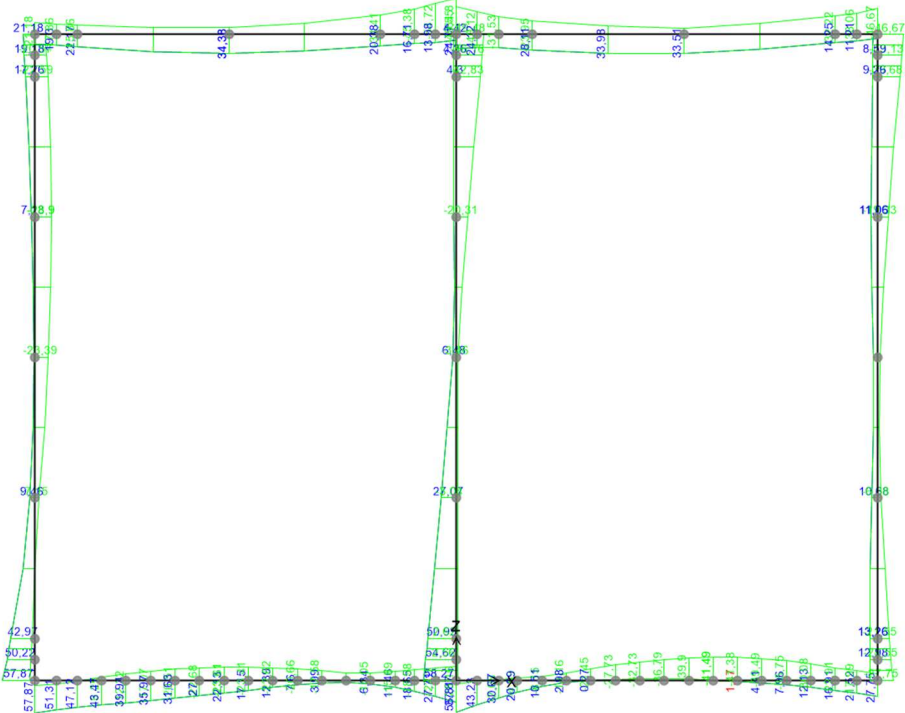
Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
41 di 294

10.2. Diagrammi di involucro

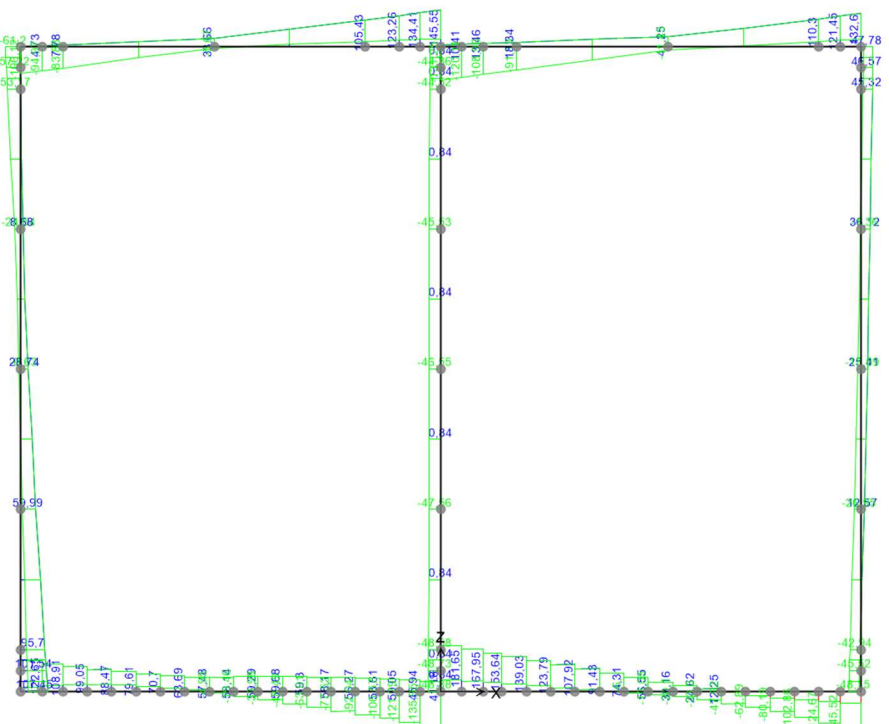
10.2.1. Involuppo momento flettente SLU/SLV – STR



Click on any Frame Element for detailed diagram

GLOBAL KN, m, C

10.2.2. Involuppo taglio SLU/SLV – STR



Click on any Frame Element for detailed diagram

GLOBAL KN, m, C

Doc. N.

Progetto
INOR

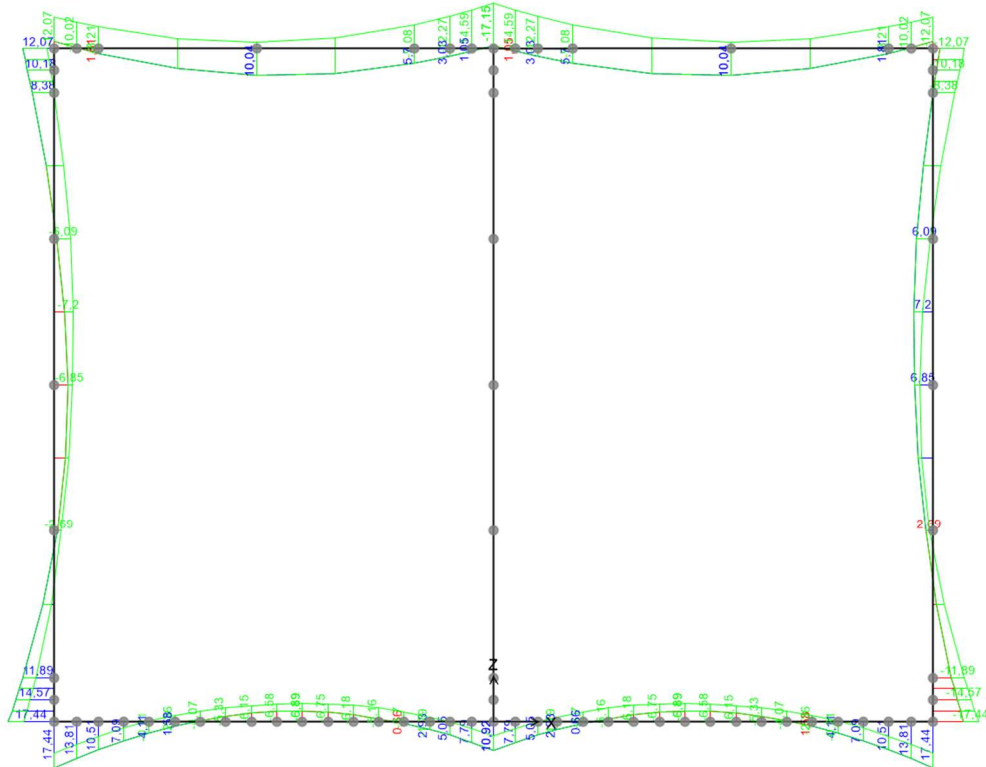
Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
42 di 294

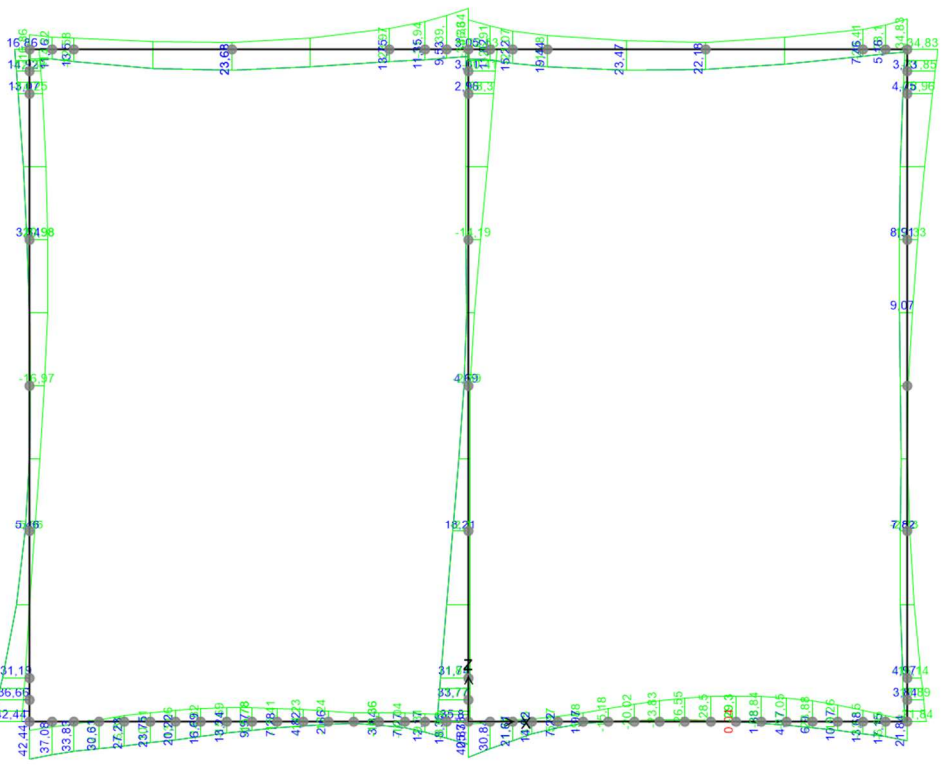
10.2.3. Involuppo momento flettente SLE – Quasi Permanente



ht Click on any Frame Element for detailed diagram

GLOBAL KN, m, C

10.2.4. Involuppo momento flettente SLE – Caratteristico



ht Click on any Frame Element for detailed diagram

GLOBAL KN, m, C

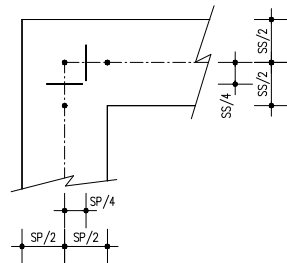
11. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO

Di seguito si riportano le verifiche delle sezioni per le aste più significative e per le Combinazioni di carico risultate più critiche.

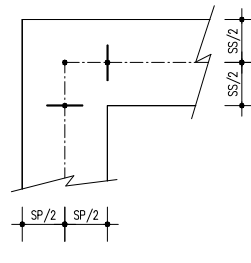
Le verifiche a flessione sono effettuate rispettivamente:

- nella sezione ubicata a metà fra asse piedritto e sezione d'attacco piedritto-soletta nel caso delle verifiche della soletta;
- nella sezione ubicata a metà fra asse soletta e sezione d'attacco del piedritto nel caso delle verifiche del piedritto.

Le verifiche a fessurazione e a taglio sono eseguite nelle sezioni di attacco soletta-piedritto.



VERIFICHE A FLESSIONE



VERIFICHE A FESSURAZIONE E TAGLIO

I calcoli di verifica sono effettuati con il metodo degli Stati Limite, applicando il combinato D. M.14.01.2008 con l'UNI EN 1992 (Eurocodice 2).

Le verifiche a taglio sono svolte considerando il puntone in calcestruzzo inclinato di 45° e staffe verticali.

Verifica di formazione delle fessure: la verifica si esegue per la sezione interamente reagente determinando il momento di prima fessurazione e confrontandolo con quello sollecitante; se risulta $M_{cr} < M_{Ed}$ la verifica si considera soddisfatta, altrimenti si procede alla verifica di apertura delle fessure.

Verifica di apertura delle fessure: l'apertura convenzionale delle fessure è calcolata con le modalità indicate nell'Eurocodice 2-1, come indicato dal D. M. Min. II. TT. del 14 gennaio 2008, e valutata con le sollecitazioni relative alla Combinazioni Rara della normativa vigente sui ponti ferroviari. Le massime aperture ammissibili sono:

- condizioni ambientali aggressive e molto aggressive: $w_k \leq w_3 = 0.20\text{mm}$
- condizioni ambientali ordinarie: $w_k \leq w_3 = 0.30\text{mm}$

Verifica delle tensioni di esercizio: si verifica che le tensioni di lavoro presenti nel calcestruzzo siano inferiori ai seguenti limiti:

- combinazione QP $\sigma_c < 0.40 f_{ck}$;
- combinazione Rara $\sigma_c < 0.55 f_{ck}$,

e che le tensioni di lavoro presenti nell'acciaio siano $\sigma_s < 0.75 f_{yk}$.

11.1. Soletta inferiore

Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

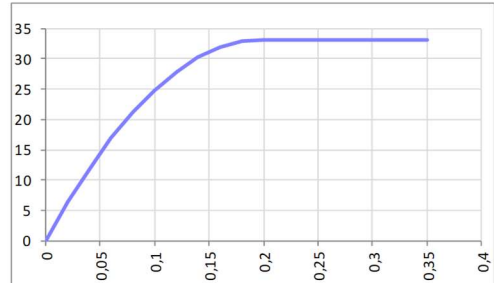
Rev.
A

Foglio
44 di 294

CARATTERISTICHE MATERIALI

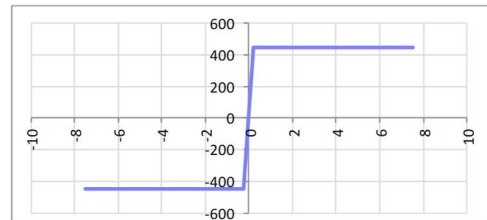
Calcestruzzo:

Classe	C32/40
R _{ck}	40,00 N/mm ²
f _{ck}	33,20 N/mm ²
f _{cm}	41,20 N/mm ²
f _{ctm}	3,10 N/mm ²
f _{ctk,0.05}	2,17 N/mm ²
f _{ctk,0.95}	4,03 N/mm ²
f _{ctm}	3,72 N/mm ²
E _{cm}	33642,78 N/mm ²
ε _{c2}	0,200 %
ε _{c3}	0,175 %
ε _{c4}	0,070 %
ε _{cu}	0,350 %
n	2,000
tipo cemento	N



Acciaio:

Classe	B450C
Tipologia comportamentale	EL-PL
k = (f _t /f _y) _k	1
f _{yk}	450 N/mm ²
f _{tk}	540 N/mm ²
E _s	200000 N/mm ²
ε _{su}	7,500 %



Coefficiente di omogeneizzazione:

n, breve termine	5,66 = E _s /E _c	
umidità relativa	75 %	
giorno app. carico	15 giorni	
periodo lungo termine	50 anni	
coefficiente di viscosità	2,07	
n, lungo termine =	11,71 = E _s /E _{cm}	
n, verifiche QP	15,0 = E _s /E _{cm}	lungo termine
n, verifiche CAR	15,0 = E _s /E _{cm}	breve termine

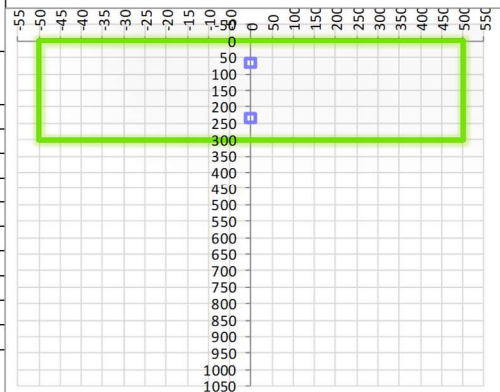
CARATTERISTICHE SEZIONE

Sezione:

B=	1000 mm
H=	300 mm

Armature:

Pos.	n° barre	∅ mm	y _i mm	As mm ²
1	5	12	66	565,48668
2	5	12	234	565,48668
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0

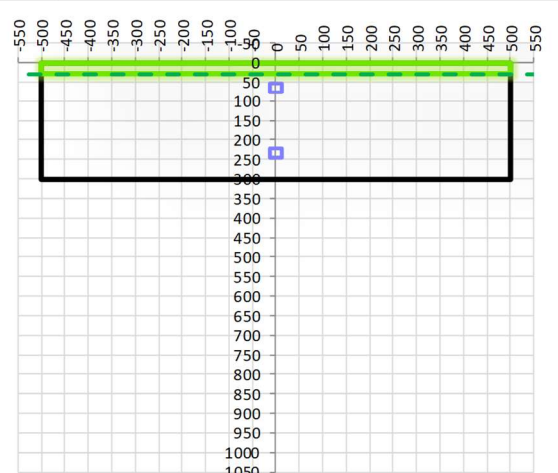
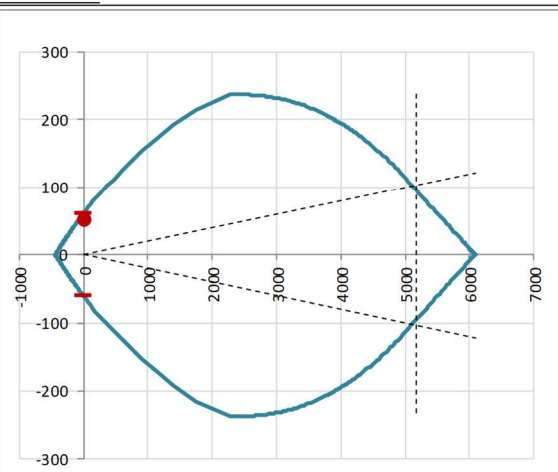


Armatura di ripartizione:

Pos.	n° barre	∅ mm	y _i mm	As mm ²
superiore	5	10	55	392,69908
inferiore	5	10	245	392,69908

11.1.1. Soletta inferiore – sezione di incastro

11.1.1.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																																																																																																																																																	
<u>Coefficienti di sicurezza allo SLU</u>																																																																																																																																																																																																																	
Calcestruzzo																																																																																																																																																																																																																	
α_{cc}		0,85																																																																																																																																																																																																															
γ_c		1,50																																																																																																																																																																																																															
f_{cd}		22,13 N/mm ²																																																																																																																																																																																																															
$f_{ct,eff}$		2,58 N/mm ²		= $f_{ctm} / 1,2$																																																																																																																																																																																																													
Acciaio																																																																																																																																																																																																																	
γ_s		1,15																																																																																																																																																																																																															
f_{yd}		391,30 N/mm ²																																																																																																																																																																																																															
E_{yd}		0,196 %																																																																																																																																																																																																															
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																																																																																																																																																	
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																																																																																																																																																									
SLU42	1	0,0	51,3	6086,55	-442,55	61,03	-61,03	84%																																																																																																																																																																																																									
<u>Sezione:</u>																																																																																																																																																																																																																	
				Fibre compresse Superiori $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -2,47 % d = 234,00 mm x = 29,06 mm x/d = 0,12																																																																																																																																																																																																													
<u>Dominio M-N</u>																																																																																																																																																																																																																	
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SLU42	1	0,0	51,3																																																																																																																																																																																																														

11.1.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b			1000 mm	
Altezza	h			300 mm	
Barre tese		numero barre	diametro barre [mm]	copriferro in asse barra [mm]	Area barre [mm ²]
strato1		5	12	66	565
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s				565 mm ²
Posizione della barra equivalente	c^*				66 mm

SOLLECITAZIONI		
Load Case		SLU141
Frame		20
Azione assiale (+ di compressione)	N_{Ed}	kN
Taglio	V_{Ed}	167,95 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	234 mm
Coefficiente	k	1,92
Rapporto di armatura longitudinale	ρ_l	0,24%
Tensione assiale media	σ_{cp}	0,00 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,54 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	125,99 kN
Resistenza al taglio senza armatura	V_{rd}	125,99 kN
Verifica		1,33 E' necessario prevedere armatura a taglio

ARMATURA A TAGLIO		
Diametro staffe	ϕ	10 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	α	90 °
Inclinazione del puntone in calcestruzzo	θ	40 °
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	21,80 °

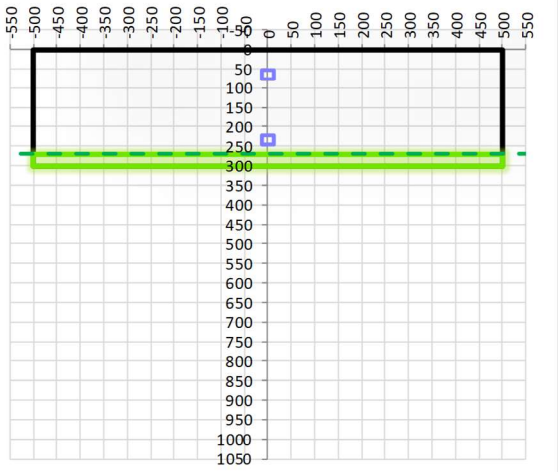
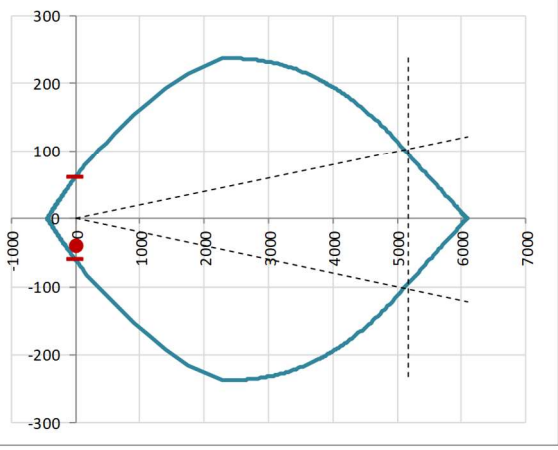
VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v_1	0,5
Resistenza cilindrica di progetto	f_{cd}	18,81333333 N/mm ²
Area armatura a taglio	A_{st}	392,70 mm ²
	σ_{cp}/f_{cd}	0
Coefficiente di interazione	α_{cw}	1
Resistenza a taglio per rottura delle armature	V_{rds}	192,84 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V_{rcd}	975,47 kN
Resistenza al taglio	V_{rd}	192,84 kN
Verifica		0,87 Verifica soddisfatta

11.1.1.3. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione)									
<u>Fessurazione</u>									
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	MO - Mf [kNm]		
Caratteristica	CAR47	2	0,0	33,8	Msd<Mf	0,200	40,80	-	
<u>Tensioni in esercizio</u>									
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]		
Quasi permanente	QP2	1	0,0	13,8	-2,37	112,14	6,08	Sezione parzializzata	
Caratteristica	CAR15	1	0,0	37,1	-6,37	301,10	16,33	Sezione parzializzata	

11.1.2. Soletta inferiore – sezione di mezzeria

11.1.2.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																					
<i>Coefficienti di sicurezza allo SLU</i>																																																					
Calcestruzzo																																																					
α_{cc}		0,85																																																			
γ_c		1,50																																																			
f_{cd}		22,13 N/mm ²																																																			
$f_{ct,eff}$		2,58 N/mm ²	= $f_{ctm} / 1,2$																																																		
Acciaio																																																					
γ_s		1,15																																																			
f_{yd}		391,30 N/mm ²																																																			
E_{yd}		0,196 %																																																			
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																					
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																													
SLU157	29	0,0	-41,5	6086,55	-442,55	61,03	-61,03	68%																																													
<i>Sezione:</i>																																																					
				<i>Fibre compresse</i>		<i>Inferiori</i>																																															
				$\sigma_{c,max}$	18,81	N/mm ²																																															
				$\sigma_{s,min}$	-391,30	N/mm ²																																															
				$\epsilon_{c,max}$	0,35	%																																															
				$\epsilon_{s,min}$	-2,47	%																																															
				d	234,00	mm																																															
				x	29,06	mm																																															
x/d	0,12																																																				
<i>Dominio M-N</i>																																																					
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				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																														
				SLU157	29	0,0	-41,5																																														

11.1.2.2. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k ₃ =	3,40	(valore raccomandato)						
k ₄ =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	Aggressive							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	Poco sensibile							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)								
<u>Fessurazione</u>								
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>M0 - Mf</i>	
			[kN]	[kNm]	[mm]	[mm]	[kNm]	
Caratteristica	CAR109	29	0,0	-29,3	Msd<Mf	0,200	-40,80	-
<u>Tensioni in esercizio</u>								
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$	
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]	
Quasi permanente	QP1	10	0,0	-6,9	-1,18	55,95	3,03	Sezione parzializzata
Caratteristica	CAR109	29	0,0	-29,3	-5,03	237,93	12,91	Sezione parzializzata

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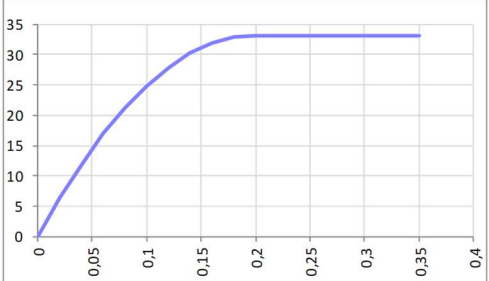
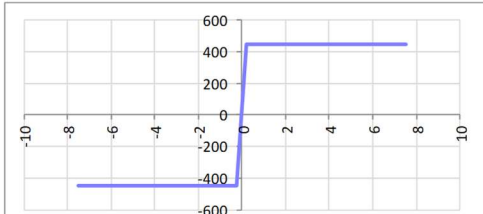
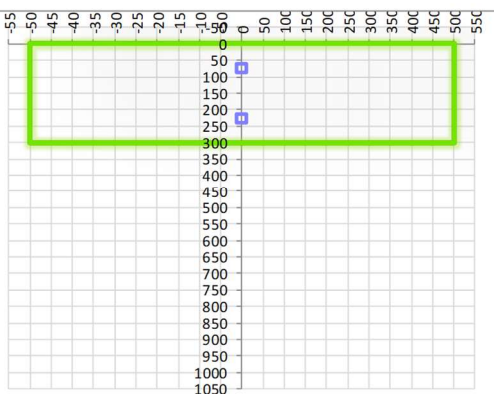
Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
50 di 294

11.2. Piedritti

CARATTERISTICHE MATERIALI																																																								
Calcestruzzo:																																																								
Classe	C32/40																																																							
R_{ck}	40,00 N/mm ²																																																							
f_{ck}	33,20 N/mm ²																																																							
f_{cm}	41,20 N/mm ²																																																							
f_{ctm}	3,10 N/mm ²																																																							
$f_{ctk,0.05}$	2,17 N/mm ²																																																							
$f_{ctk,0.95}$	4,03 N/mm ²																																																							
f_{cfm}	3,72 N/mm ²																																																							
E_{cm}	33642,78 N/mm ²																																																							
ϵ_{c2}	0,200 %																																																							
ϵ_{c3}	0,175 %																																																							
ϵ_{c4}	0,070 %																																																							
ϵ_{cu}	0,350 %																																																							
n	2,000																																																							
tipo cemento	N																																																							
																																																								
Acciaio:																																																								
Classe	B450C																																																							
Tipologia comportamentale	EL-PL																																																							
$k = (f_t/f_y)_k$	1																																																							
f_{yk}	450 N/mm ²																																																							
f_{tk}	540 N/mm ²																																																							
E_s	200000 N/mm ²																																																							
ϵ_{su}	7,500 %																																																							
																																																								
Coefficiente di omogenizzazione:																																																								
n, breve termine	5,66 = E_s/E_c																																																							
umidità relativa	75 %																																																							
giorno app. carico	15 giorni																																																							
periodo lungo termine	50 anni																																																							
coefficiente di viscosità	2,07																																																							
n, lungo termine=	11,71 = E_s/E_{cm}																																																							
n, verifiche QP	15,0 = E_s/E_{cm}																																																							
n, verifiche CAR	15,0 = E_s/E_{cm}																																																							
	lungo termine																																																							
	breve termine																																																							
CARATTERISTICHE SEZIONE																																																								
Sezione:																																																								
B=	1000 mm																																																							
H=	300 mm																																																							
Armature:																																																								
<table border="1"> <thead> <tr> <th>Pos.</th> <th>n° barre</th> <th>∅ mm</th> <th>y_i mm</th> <th>As mm²</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>5</td> <td>12</td> <td>74</td> <td>565,48668</td> </tr> <tr> <td>2</td> <td>5</td> <td>12</td> <td>226</td> <td>565,48668</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table>	Pos.	n° barre	∅ mm	y _i mm	As mm ²	1	5	12	74	565,48668	2	5	12	226	565,48668	3				0	4				0	5				0	6				0	7				0	8				0	9				0	10				0	
Pos.	n° barre	∅ mm	y _i mm	As mm ²																																																				
1	5	12	74	565,48668																																																				
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Armatura di ripartizione:																																																								
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Pos.	n° barre	∅ mm	y _i mm	As mm ²																																																				
superiore	5	10	55	392,69908																																																				
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Progetto
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Lotto
12

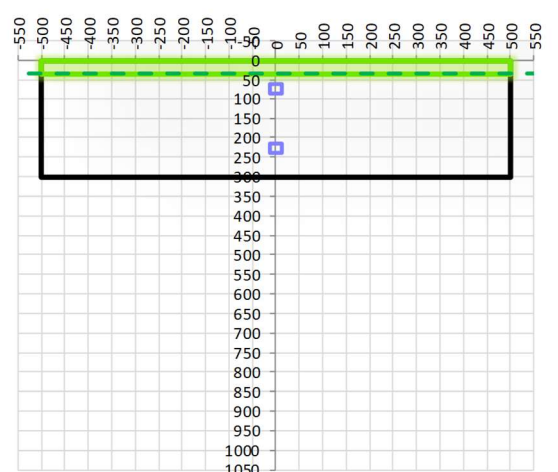
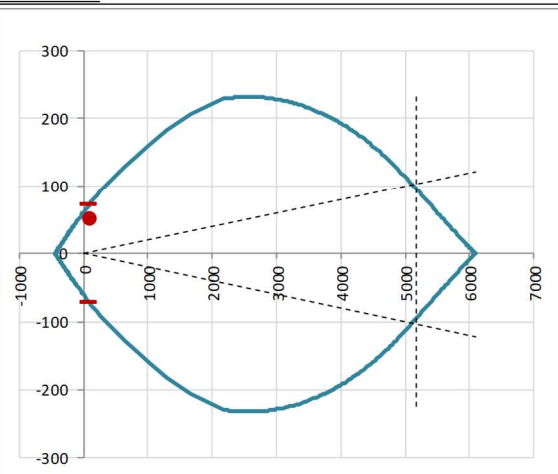
Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
51 di 294

11.2.1. Piedritto – sezione di incastro inferiore

11.2.1.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																									
<u>Coefficienti di sicurezza allo SLU</u>																																																																																									
Calcestruzzo																																																																																									
α_{cc}		0,85																																																																																							
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STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																									
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																																	
SLU42	37	87,6	50,2	6086,55	-442,55	71,85	-71,85	70%																																																																																	
<u>Sezione:</u>																																																																																									
				Fibre compresse Superiori $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -1,92 % d = 226,00 mm x = 34,81 mm x/d = 0,15																																																																																					
<u>Dominio M-N</u>																																																																																									
				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e6f2ff;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr style="background-color: #d4edda;"> <td>SLU42</td> <td>37</td> <td>87,6</td> <td>50,2</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU42	37	87,6	50,2																																																																								
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																																						
SLU42	37	87,6	50,2																																																																																						

11.2.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	300 mm			
Barre tese		numero barre	diametro barre [mm]	copriferro in asse barra [mm]	Area barre [mm ²]
strato1		5	12	74	565
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	565 mm ²			
Posizione della barra equivalente	c^*	74 mm			

SOLLECITAZIONI		
Load Case		SLU56
Frame		40
Azione assiale (+ di compressione)	N_{Ed}	45,59 kN
Taglio	V_{Ed}	95,7 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	226 mm
Coefficiente	k	1,94
Rapporto di armatura longitudinale	ρ_l	0,25%
Tensione assiale media	σ_{cp}	0,15 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,55 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	128,37 kN
Resistenza al taglio senza armatura	V_{rd}	128,37 kN
Verifica		0,75 <i>Verifica soddisfatta</i>

11.2.1.3. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k ₃ =	3,40	(valore raccomandato)						
k ₄ =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	Aggressive							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	Poco sensibile							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)								
<u>Fessurazione</u>								
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>M0 - Mf</i>	
			[kN]	[kNm]	[mm]	[mm]	[kNm]	
Caratteristica	CAR15	40	71,6	31,2	Msd<Mf	0,200	43,96	-
<u>Tensioni in esercizio</u>								
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$	
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]	
Quasi permanente	QP2	37	50,0	14,6	-2,43	73,31	-0,51	Sezione parzializzata
Caratteristica	CAR15	37	72,1	36,7	-6,43	234,59	11,97	Sezione parzializzata

Doc. N.

Progetto
INOR

Lotto
12

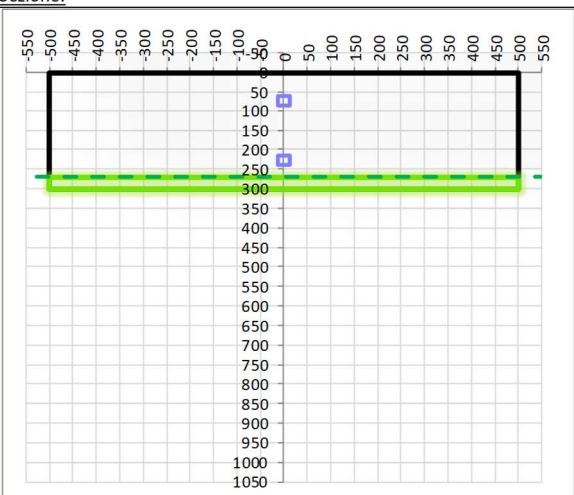
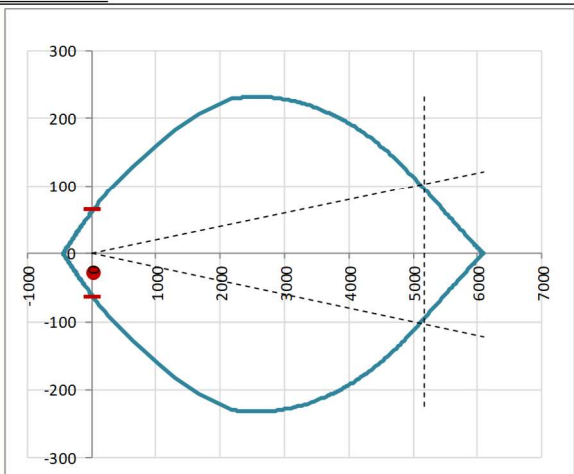
Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
54 di 294

11.2.2. Piedritto – sezione di mezzeria

11.2.2.1. Verifiche allo stato limite ultimo per flessione

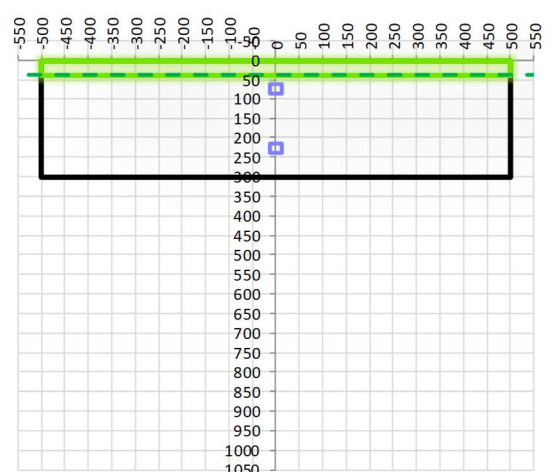
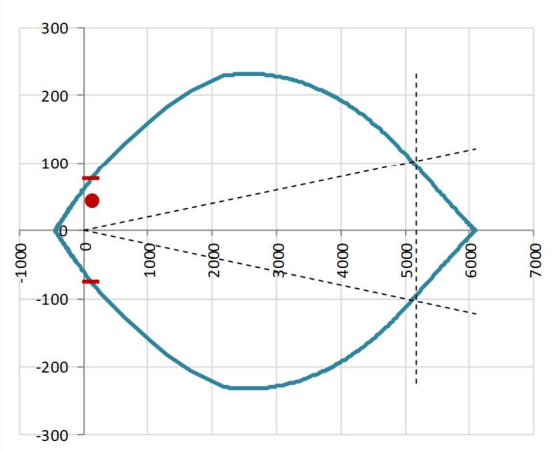
CRITERI DI VERIFICA																																																									
<i>Coefficienti di sicurezza allo SLU</i>																																																									
Calcestruzzo																																																									
α_{cc}		0,85																																																							
γ_c		1,50																																																							
f_{cd}		22,13 N/mm ²																																																							
$f_{ct,eff}$		2,58 N/mm ²		= $f_{ctm} / 1,2$																																																					
Acciaio																																																									
γ_s		1,15																																																							
f_{yd}		391,30 N/mm ²																																																							
E_{yd}		0,196 %																																																							
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																									
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																	
SLU58	49	22,5	-28,9	6086,55	-442,55	63,85	-63,85	45%																																																	
<i>Sezione:</i>																																																									
				Fibre compresse $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -2,24 % d = 226,00 mm x = 30,53 mm x/d = 0,14		Inferiori																																																			
<i>Dominio M-N</i>				<table border="1"> <thead> <tr> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td>SLU58</td> <td>49</td> <td>22,5</td> <td>-28,9</td> </tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU58	49	22,5	-28,9																																								
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																						
SLU58	49	22,5	-28,9																																																						
																																																									

11.2.2.2. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione)									
<u>Fessurazione</u>									
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	MO - Mf [kNm]		
Caratteristica	CAR47	49	17,9	21,0	Msd<Mf	0,200	41,31	-	
<u>Tensioni in esercizio</u>									
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]		
Quasi permanente	QP2	49	40,1	7,2	-1,09	22,94	-3,46	Sezione parzializzata	
Caratteristica	CAR47	49	17,9	21,0	-3,79	156,70	13,09	Sezione parzializzata	

11.2.3. Piedritto – sezione di superiore

11.2.3.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																	
Coefficienti di sicurezza allo SLU																																																	
Calcestruzzo																																																	
α_{cc}		0,85																																															
γ_c		1,50																																															
f_{cd}		22,13	N/mm ²																																														
$f_{ct,eff}$		2,58	N/mm ²	= $f_{ctm} / 1,2$																																													
Acciaio																																																	
γ_s		1,15																																															
f_{yd}		391,30	N/mm ²																																														
E_{yd}		0,196	%																																														
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																	
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																									
SLU157	57	120,5	43,1	6086,55	-442,55	75,80	-75,80	57%																																									
Sezione:																																																	
				Fibre compresse $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -1,79 % d = 226,00 mm x = 36,97 mm x/d = 0,16		Superiori $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -1,79 % d = 226,00 mm x = 36,97 mm x/d = 0,16																																											
Dominio M-N				<table border="1"> <thead> <tr> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td>SLU157</td> <td>57</td> <td>120,5</td> <td>43,1</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU157	57	120,5	43,1																																
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Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																														
SLU157	57	120,5	43,1																																														

11.2.3.2. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione)									
<u>Fessurazione</u>									
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>MO - Mf</i>		
			[kN]	[kNm]	[mm]	[mm]	[kNm]		
Caratteristica	CAR109	54	94,8	29,0	Msd<Mf	0,200	45,10	-	
<u>Tensioni in esercizio</u>									
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$		
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Quasi permanente	QP3	57	29,5	10,2	-1,73	56,24	0,94	Sezione parzializzata	
Caratteristica	CAR109	57	94,2	31,9	-5,41	174,17	2,48	Sezione parzializzata	

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INOR

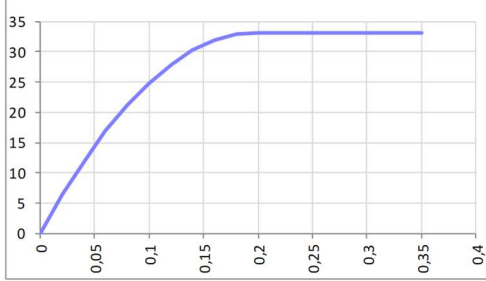
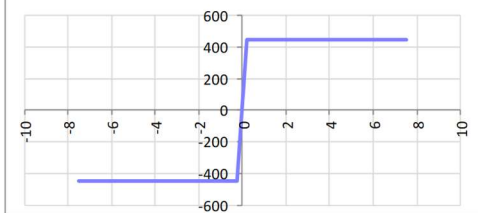
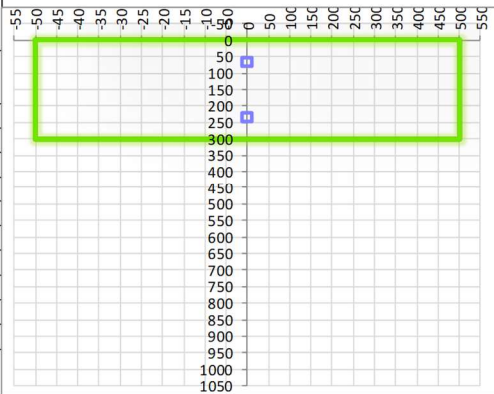
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12

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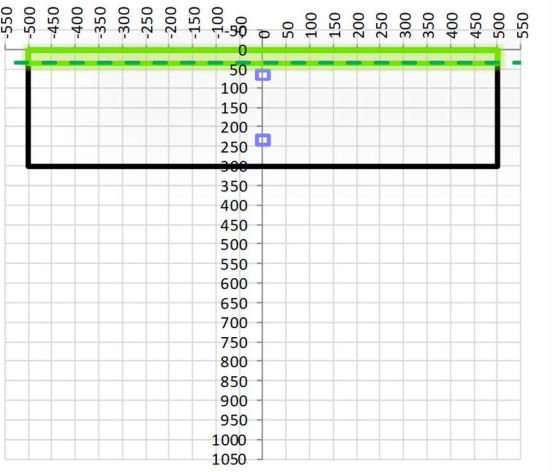
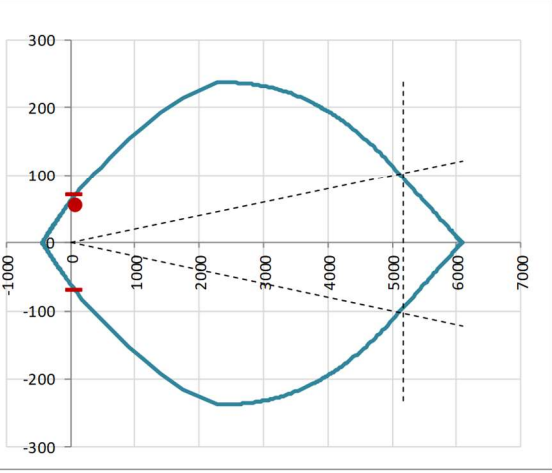
Rev.
A

Foglio
58 di 294

11.2.4. Setto interno

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamer	EL-PL			
$k = (f_u/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogenizzazione:				
n, breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,07			
n, lungo termine=	11,71 = E_s/E_{cm}			
n, verifiche QP	15,0 = E_s/E_{cm} lungo termine			
n, verifiche CAR	15,0 = E_s/E_{cm} breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	300 mm			
Armature:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
1	5	12	66	565,48668
2	5	12	234	565,48668
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
				
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
superiore	5	10	55	392,69908
inferiore	5	10	245	392,69908

11.2.4.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																	
<u>Coefficienti di sicurezza allo SLU</u>																																																																																	
Calcestruzzo																																																																																	
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E_{yd}		0,196 %																																																																															
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																	
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																									
SLV4	38	75,8	54,6	6086,55	-442,55	70,41	-70,41	78%																																																																									
<u>Sezione:</u>																																																																																	
				Fibre compresse Superiori																																																																													
				$\sigma_{c,max}$	18,81	N/mm ²																																																																											
				$\sigma_{s,min}$	-391,30	N/mm ²																																																																											
				$\epsilon_{c,max}$	0,35	%																																																																											
				$\epsilon_{s,min}$	-2,06	%																																																																											
				d	234,00	mm																																																																											
				x	34,03	mm																																																																											
				x/d	0,15																																																																												
<u>Dominio M-N</u>																																																																																	
				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e6f2ff;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr style="background-color: #e6f2ff;"> <td>SLV4</td> <td>38</td> <td>75,8</td> <td>54,6</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLV4	38	75,8	54,6																																																																
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																														
SLV4	38	75,8	54,6																																																																														

11.2.4.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.				
Base	b		1000 mm	
Altezza	h		300 mm	
<i>Barre tese</i>		<i>numero barre</i>	<i>diametro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>
strato1		5	12	66
strato2		0	0	0
strato3		0	0	0
strato4		0	0	0
strato5		0	0	0
Area barre tese	A_s		565 mm ²	
Posizione della barra equivalente	c^*		66 mm	

SOLLECITAZIONI		
Load Case		SLV3
Frame		41
Azione assiale (+ di compressione)	N_{Ed}	75,25 kN
Taglio	V_{Ed}	48,58 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	234 mm
Coefficiente	k	1,92
Rapporto di armatura longitudinale	ρ_l	0,24%
Tensione assiale media	σ_{cp}	0,25 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,54 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	134,79 kN
Resistenza al taglio senza armatura	V_{rd}	134,79 kN
Verifica		0,36 <i>Verifica soddisfatta</i>

11.2.4.3. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k ₃ =	3,40	(valore raccomandato)						
k ₄ =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	Aggressive							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	Poco sensibile							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione)								
<u>Fessurazione</u>								
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	MO - Mf [kNm]	
Caratteristica	CAR43	41	124,9	31,7	Msd<Mf	0,200	47,02	-
<u>Tensioni in esercizio</u>								
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]	
Quasi permanente	-	-	0,0	0,0	0,00	0,00	0,00	Sezione interamente tesa
Caratteristica	CAR43	38	125,4	33,8	-5,29	157,52	-12,55	Sezione parzializzata

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INOR

Lotto
12

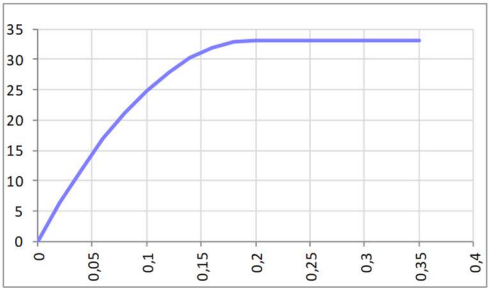
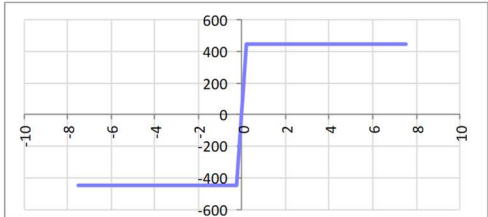
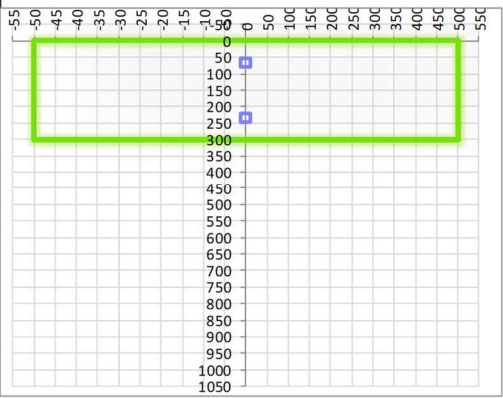
Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
62 di 294

11.3. Soletta superiore

11.3.1. Soletta superiore – sezione di incastro

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{cfm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogeneizzazione:				
n, breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,07			
n, lungo termine =	11,71 = E_s/E_{cm}			
n, verifiche QP	15,0 = E_s/E_{cm} lungo termine			
n, verifiche CAR	15,0 = E_s/E_{cm} breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	300 mm			
Armature:				
Pos.	n° barre	∅ mm	y_i mm	A_s mm²
1	5	12	66	565,48668
2	5	12	234	565,48668
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y_i mm	A_s mm²
superiore	5	10	55	392,69908
inferiore	5	10	245	392,69908
				

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 63 di 294
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11.3.1.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																	
Coefficienti di sicurezza allo SLU																																																																																	
Calcestruzzo																																																																																	
α_{cc}	0,85																																																																																
γ_c	1,50																																																																																
f_{cd}	22,13 N/mm ²																																																																																
$f_{ct,eff} =$	2,58 N/mm ²	$= f_{ctm} / 1,2$																																																																															
Acciaio																																																																																	
γ_s	1,15																																																																																
f_{yd}	391,30 N/mm ²																																																																																
ϵ_{yd}	0,196 %																																																																																
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																	
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																									
SLU141	66	0,0	-54,7	6086,55	-442,55	61,03	-61,03	90%																																																																									
Sezione:																																																																																	
				Fibre compresse inferiori $\sigma_{c,max} =$ 18,81 N/mm ² $\sigma_{s,min} =$ -391,30 N/mm ² $\epsilon_{c,max} =$ 0,35 % $\epsilon_{s,min} =$ -2,47 % $d =$ 234,00 mm $x =$ 29,06 mm $x/d =$ 0,12																																																																													
Dominio M-N																																																																																	
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th style="padding: 5px;">Combinazione</th> <th style="padding: 5px;">fram/nodo</th> <th style="padding: 5px;">NSd [kN]</th> <th style="padding: 5px;">MSd [kNm]</th> </tr> </thead> <tbody> <tr style="background-color: #d9ead3;"> <td style="text-align: center;">SLU141</td> <td style="text-align: center;">66</td> <td style="text-align: center;">0,0</td> <td style="text-align: center;">-54,7</td> </tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> <tr><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td><td style="background-color: #d9ead3;"></td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU141	66	0,0	-54,7																																																																
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																														
SLU141	66	0,0	-54,7																																																																														

11.3.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	300 mm			
<i>Barre tese</i>		<i>numero barre</i>	<i>diametro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>	<i>Area barre [mm²]</i>
strato1		5	12	66	565
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	565 mm ²			
Posizione della barra equivalente	c^*	66 mm			

SOLLECITAZIONI		
Load Case		SLU139
Frame		65
Azione assiale (+ di compressione)	N_{Ed}	kN
Taglio	V_{Ed}	123,26 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	234 mm
Coefficiente	k	1,92
Rapporto di armatura longitudinale	ρ_l	0,24%
Tensione assiale media	σ_{cp}	0,00 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,54 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	125,99 kN
Resistenza al taglio senza armatura	V_{rd}	125,99 kN
Verifica		0,98 <i>Verifica soddisfatta</i>

11.3.1.3. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione)									
<u>Fessurazione</u>									
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>MO - Mf</i>		
			[kN]	[kNm]	[mm]	[mm]	[kNm]		
Caratteristica	CAR77	65	0,0	-31,9	Msd<Mf	0,200	-40,80	-	
<u>Tensioni in esercizio</u>									
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$		
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Quasi permanente	QP3	66	0,0	-14,6	-2,51	118,48	6,43	Sezione parzializzata	
Caratteristica	CAR77	66	0,0	-39,0	-6,70	316,69	17,18	Sezione parzializzata	

11.3.2.2. Verifiche allo stato limite di esercizio

PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40		(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)					
k ₁ =	0,80		(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)					
k ₃ =	3,40		(valore raccomandato)					
k ₄ =	0,425		(valore raccomandato)					
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2		1- Ordinarie; 2- Aggressive; 3- Molto aggressive					
	Aggressive							
Armature:	2		1-Sensibili; 2-Poco sensibili					
	Poco sensibile							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione)								
<u>Fessurazione</u>								
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w_d [mm]	w_{lim} [mm]	M0 - Mf [kNm]	
Caratteristica	CAR30	63	0,0	23,7	Msd<Mf	0,200	40,80	-
<u>Tensioni in esercizio</u>								
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]	
Quasi permanente	QP2	63	0,0	10,0	-1,72	81,53	4,42	Sezione parzializzata
Caratteristica	CAR30	63	0,0	23,7	-4,07	192,29	10,43	Sezione parzializzata

12. IMBOCCHI

L'analisi dei manufatti di imbocco è stata condotta attraverso la procedura analitica con riferimento ad una porzione di parete di larghezza unitaria.

Cautelativamente si calcolano le sollecitazioni agenti manufatto ad una profondità di 5.35m da piano campagna e si applicano ad una trave di sezione 0.3x1.0m e lunghezza 3.00m incastrata alle estremità.

12.1. Analisi dei carichi

Nel seguente paragrafo si descrivono i carichi elementari da assumere per le verifiche di resistenza in esercizio ed in presenza dell'evento sismico.

Vengono prese in considerazione le condizioni elementari di carico di seguito determinate.

Tali Combinazioni Elementari saranno opportunamente combinate secondo quanto previsto dalla normativa vigente.

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato: $\gamma_{c.a.} = 25 \text{ kN/m}^3$

- rilevato: $\gamma_{ril} = 20 \text{ kN/m}^3$

12.1.1. Peso proprio strutture

- piedritti $S_p \times \gamma_{c.a.} = 0.30 \times 25.00 = 7.50 \text{ kN/m}^2$

- soletta inferiore $S_i \times \gamma_{c.a.} = 0.30 \times 25.00 = 7.50 \text{ kN/m}^2$

12.1.2. Spinta del terreno

Per il reinterro a ridosso dello scatolare si assumono i seguenti parametri:

$$\gamma_t = 20 \text{ kN/m}^3$$

$$\gamma_w = 10 \text{ kN/m}^3$$

$$\phi'_k = 30^\circ$$

$$k_{0,k} = 0.5$$

Pressione in asse soletta inferiore:

$$p_t (h_1 = 3.45\text{m}) = k_{0,M1} \times h_1 \times \gamma_t = 0.5 \times 3.45 \times 20 = 34.50 \text{ kN/m}^2$$

12.1.3. Spinta del sovraccarico sul rilevato

La spinta orizzontale dovuta al sovraccarico accidentale è calcolata come:

$$p_q = k_0 \times q = 0.5 \times 20 = 10.0 \text{ kN/m}^2$$

con q sovraccarico accidentale assunto pari a 20 kN/m².

Il sovraccarico accidentale in condizioni sismiche è assunto nullo.

12.1.4. Azione sismica

La risultante delle forze inerziali orizzontali indotte dal sisma viene valutata con la seguente espressione:

$$F_h = P \times a_{gh};$$

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

$a_{gh} = 0.277$ g, accelerazione orizzontale.

Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento all'EC8-5, appendice E – “Analisi semplificata per le strutture di contenimento”, punto 9 – “Forze causate dalla spinta del terreno per strutture rigide”, in cui l'incremento di spinta sismica ΔP per la condizione a riposo viene valutato come:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot}^2$$

La risultante di tale incremento di spinta viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot} :

$$\Delta p_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot} = 0.27 \times 20.0 \times 3.60 = \mathbf{19.44 \text{ kN/m}^2}$$

L'azione sismica orizzontale dovuta all'inerzia degli elementi strutturali è pari a:

$$\text{Piedritti: } \Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.30 \times 0.27 = \mathbf{2.03 \text{ kN/m}^2}$$

12.2. Combinazione dei carichi

C.C.	STERRE	SOVR. ACC.	INCR. SISMICO	INERZIA ORIZZ.
LOAD	1	2	3	4
1_SLU	1.3	1.5	0	0
2_SLV	1.0	0	1.0	1.0
3_QP	1.0	0	0	0
4_CAR	1.0	1.0	0	0

12.3. Riassunto massime sollecitazioni

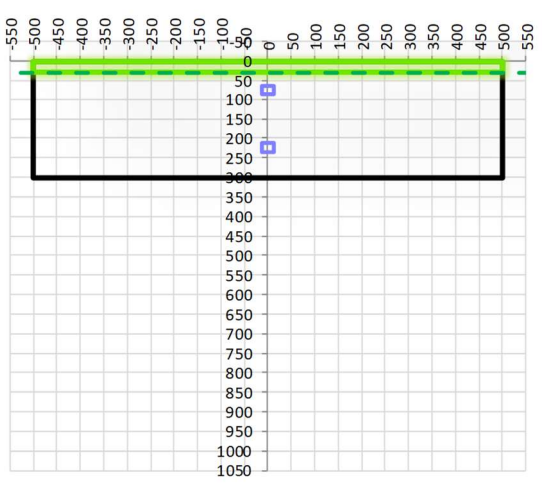
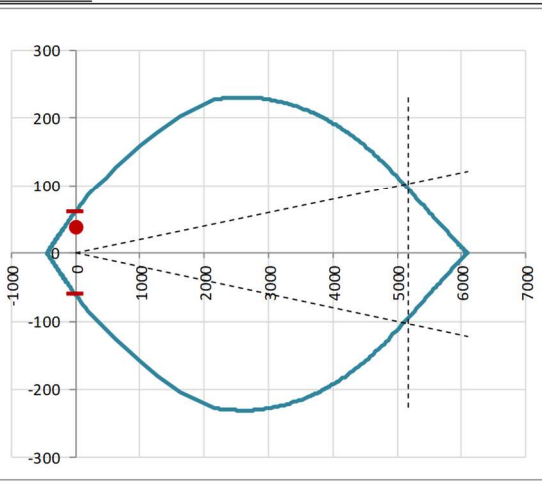
	V [kN/m]	M mezzeria [kNm/m]	M incastro [kNm/m]
STR	80,80	30,47	-36,86
QP		17,57	-21,25
CAR		22,66	-27,40

12.4. Caratteristiche geometriche della sezione

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogeneizzazione:				
n, breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,07			
n, lungo termine =	11,71 = E_s/E_{cm}			
n, verifiche QP	15,0 = E_s/E_{cm} lungo termine			
n, verifiche CAR	15,0 = E_s/E_{cm} breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	300 mm			
Armature:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
1	5	12	76	565,48668
2	5	12	224	565,48668
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
				
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
superiore	5	12	64	565,48668
inferiore	5	12	236	565,48668

12.1. Verifiche di resistenza ultima e di esercizio

12.1.1. Verifica allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																															
<u>Coefficienti di sicurezza allo SLU</u>																																																																																															
Calcestruzzo																																																																																															
α_{cc}	0,85																																																																																														
γ_c	1,50																																																																																														
f_{cd}	22,13 N/mm ²																																																																																														
$f_{ct,eff}$	2,58 N/mm ²	$= f_{ctm} / 1,2$																																																																																													
Acciaio																																																																																															
γ_s	1,15																																																																																														
f_{yd}	391,30 N/mm ²																																																																																														
ϵ_{yd}	0,196 %																																																																																														
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																															
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																																							
SLU_STR	-	0,0	36,9	6086,55	-442,55	61,03	-61,03	60%																																																																																							
<u>Sezione:</u>																																																																																															
				Fibre compresse Superiori																																																																																											
				$\sigma_{c,max}$	18,81	N/mm ²																																																																																									
				$\sigma_{s,min}$	-391,30	N/mm ²																																																																																									
				$\epsilon_{c,max}$	0,35	%																																																																																									
				$\epsilon_{s,min}$	-2,35	%																																																																																									
				d	224,00	mm																																																																																									
				x	29,06	mm																																																																																									
				x/d	0,13																																																																																										
<u>Dominio M-N</u>																																																																																															
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td style="background-color: #d9ead3;">SLU_STR</td> <td style="background-color: #d9ead3;">-</td> <td style="background-color: #d9ead3;">0,0</td> <td style="background-color: #d9ead3;">36,9</td> </tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> </tbody> </table>				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU_STR	-	0,0	36,9																																																																																
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																																												
SLU_STR	-	0,0	36,9																																																																																												

12.1.2. Verifica allo stato limite ultimo per taglio

CALCESTRUZZO		
Calsse calcestruzzo		C32/40
Resistenza cubica caratteristica	Rck	40,00 Mpa
Resistenza cilindrica caratteristica	f _{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ _c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α _{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ _s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	300 mm			
<i>Barre tese</i>		<i>numero barre</i>	<i>diametro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>	<i>Area barre [mm²]</i>
strato1		5	12	76	565
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A _s	565 mm ²			
Posizione della barra equivalente	c*	76 mm			

SOLLECITAZIONI		
Load Case		SLU_STR
Frame		-
Azione assiale (+ di compressione)	N _{Ed}	0 kN
Taglio	V _{Ed}	80,8 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	224 mm
Coefficiente	k	1,94
Rapporto di armatura longitudinale	ρ _l	0,25%
Tensione assiale media	σ _{cp}	0,00 N/mm ²
	0.2 x f _{cd}	3,76 N/mm ²
	v _{min}	0,55 N/mm ²
Resistenza al taglio minima	V _{rd,min}	122,53 kN
Resistenza al taglio senza armatura	V_{rd}	122,53 kN
Verifica		0,66 <i>Verifica soddisfatta</i>

12.1.3. Verifiche allo stato limite di esercizio

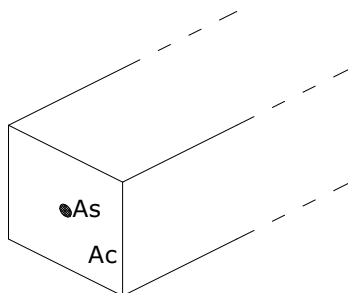
PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione)									
<u>Fessurazione</u>									
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	MO - Mf [kNm]		
Caratteristica	CAR	-	0,0	27,4	Msd<Mf	0,200	40,34	-	
<u>Tensioni in esercizio</u>									
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]		
Quasi permanente	QP	-	0,0	21,3	-3,97	177,33	20,77	Sezione parzializzata	
Caratteristica	CAR	-	0,0	27,4	-5,13	228,65	26,78	Sezione parzializzata	

13. VERIFICA EFFETTI LONGITUDINALI DA RITIRO

Vengono discussi brevemente gli effetti dovuti al ritiro nel calcestruzzo che provocano stati interni di coazione con l'armatura. Scopo della trattazione è quello di verificare l'armatura minima longitudinale nella soletta superiore dello scatolare.

13.1. Coazioni interne dovute ai fenomeni di ritiro

Per il calcolo delle coazioni interne dovute ai fenomeni di ritiro si consideri una sezione di area unitaria A_c con un'unica barra di armatura di area A_s come rappresentato nell'immagine sottostante:



Si assumono le seguenti ipotesi:

- perfetta aderenza tra calcestruzzo ed acciaio;
- deformata piana della sezione in calcestruzzo;
- comportamento del calcestruzzo e dell'acciaio elastico e lineare.

Le equazioni di equilibrio, congruenza e legame dell'insieme calcestruzzo + acciaio che governano il fenomeno sono:

- $N_c + N_s = 0$ (equazione di equilibrio)
- $\varepsilon_r = \varepsilon_s - \varepsilon_c$ (equazione di congruenza)
- $N_c = A_c \sigma_c = A_c E_c \varepsilon_c$ (equazione legame costitutivo del calcestruzzo)
- $N_s = A_s \sigma_s = A_s E_s \varepsilon_s$ (equazione legame costitutivo dell'acciaio)

Sostituendo le equazioni di legame in quella di equilibrio ed esprimendo la deformazione del calcestruzzo in funzione di quella dell'acciaio si ha:

$$N_s = -N_c = A_s E_s A_c E_c \varepsilon_r / (A_s E_s + A_c E_c)$$

Il comportamento viscoso del calcestruzzo viene considerato attraverso l'abbattimento del modulo elastico, pertanto è necessario sostituire il valore di E_c con E_c^* . La tensione sull'acciaio e sul calcestruzzo risultano quindi pari a:

$$\sigma_s = A_c E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

$$\sigma_c = -A_s E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

13.2. Calcolo delle sollecitazioni longitudinali dovute ai fenomeni di ritiro

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria, assumendo la dimensione convenzionale h_0 pari a $2 \times A/u = 2 \times H = 60$ cm, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

$$B = 100 \text{ cm}$$

$$H = 30 \text{ cm}$$

$$A_{s, \text{long}} = 1 + 1 \varnothing 10 / 20 = 785 \text{ mm}^2$$

$$E_s = 210\,000 \text{ N/mm}^2$$

$$E_c = 33643 \text{ N/mm}^2$$

Deformazione da ritiro:

$$\text{U.R.} = 75\%$$

$$\epsilon_{ca}(t=\infty) = 2.5 \times (f_{ck} - 10) \times 10^{-6} = 2.5 \times (0.83 \times 40 - 10) \times 10^{-6} = 0.058 \text{ ‰}$$

$$\epsilon_{cd}(t=\infty) = k_h \times \epsilon_{cd,0} = 0.7 \times 0.30 \text{ ‰} = 0.21 \text{ ‰ (per calcestruzzo C32/40 classe N, U.R.=75\%)}$$

$$\epsilon_r = \epsilon_{ca} + \epsilon_{cd} = 0.268 \text{ ‰}$$

A favore di sicurezza, si assume comunque una deformazione $\epsilon_r = 0.400 \text{ ‰}$

Effetto viscosità:

Il modulo viscoso a tempo infinito, in considerazione del valore di h_0 , della resistenza del calcestruzzo e della U.R., può cautelativamente essere assunto pari a $\phi(t=\infty) = 2.5$. Il modulo elastico ridotto del calcestruzzo risulta quindi pari a:

$$E_c^* = E_c / (1 + \phi) = 9612 \text{ N/mm}^2.$$

Tensioni nei materiali:

$$\sigma_s = (1000 \times 300) \times 9612 \times 210000 \times 0.00040 / (785 \times 210000 + 1000 \times 300 \times 9612) = 79.46 \text{ N/mm}^2$$

$$\sigma_c = -785 \times 9612 \times 210000 \times 0.00040 / (785 \times 210000 + 1000 \times 300 \times 9612) = -0.21 \text{ N/mm}^2.$$

La sollecitazione sul calcestruzzo risulta molto inferiore rispetto alla resistenza a trazione e quindi non porta a fessurazione il calcestruzzo; la sollecitazione sull'acciaio risulta modesta ed accettabile per le normali condizioni di esercizio della struttura.

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
76 di 294

14. RIFERIMENTI

14.1. Documenti referenziati

Rif. [1] Cepav due, documento n° INOR 12 E E2 RB RI86 00 001, intitolato "RI86 - RILEVATO LINEA AV/AC DA PK 109+134,000 A PK 110+543,36 - RELAZIONE GEOTECNICA".

14.2. Documenti correlati

Non sono presenti documenti correlati.

14.3. Documenti superati

Non sono presenti documenti superati.

GENERAL CONTRACTOR

Cepav due



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Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
77 di 294

15. ALLEGATI

All. [1] Documento intitolato "Tabulati di calcolo – Sifone doppia canna"

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Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
78 di 294

ALLEGATO 1

TITOLO	Tabulati di calcolo – Sifone doppia canna
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	216
DATA:	28/06/2019
SORGENTE:	Cepav due
NOTE:	

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
79 di 294

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
PP	Load pattern	PP	1
REINTSUP	Load pattern	REINTSUP	1
BALLAST	Load pattern	BALLAST	1
STERRASX	Load pattern	STERRASX	1
STERRADX	Load pattern	STERRADX	1
TERMP	Load pattern	TERMP	1
TERMN	Load pattern	TERMN	1
GRADTP	Load pattern	GRADTP	1
GRADTN	Load pattern	GRADTN	1
LM71C	Load pattern	LM71C	1
LM71SX	Load pattern	LM71SX	1
LM71DX	Load pattern	LM71DX	1
STLM71	Load pattern	STLM71	1
AVVLM71	Load pattern	AVVLM71	1
SW2	Load pattern	SW2	1
STSW2	Load pattern	STSW2	1
FRENSW2	Load pattern	FRENSW2	1
SERP	Load pattern	SERP	1
INCRTER	Load pattern	INCRTER	1
LM71SISO	Load pattern	LM71SISO	1
SW2SISO	Load pattern	SW2SISO	1
SISMAO	Load pattern	SISMAO	1
LM71SVA	Load pattern	LM71SVA	1
SW2SVA	Load pattern	SW2SVA	1
SISMAVA	Load pattern	SISMAVA	1
LM71SVB	Load pattern	LM71SVB	1
SW2SVB	Load pattern	SW2SVB	1
SISMAVB	Load pattern	SISMAVB	1

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
1	1	2	No	0,075	-1,4625	0	0
2	2	3	No	0,075	-1,3875	0	0
3	3	4	No	0,0871	-1,30645	0	0
4	4	5	No	0,0871	-1,21935	0	0
5	5	6	No	0,0871	-1,13226	0	0
6	6	7	No	0,0871	-1,04516	0	0
7	7	8	No	0,0871	-0,95806	0	0
8	8	9	No	0,0871	-0,87097	0	0
9	9	10	No	0,0871	-0,78387	0	0
10	10	11	No	0,0871	-0,69677	0	0
11	11	12	No	0,0871	-0,60968	0	0
12	12	13	No	0,0871	-0,52258	0	0
13	13	14	No	0,0871	-0,43548	0	0
14	14	15	No	0,0871	-0,34839	0	0
15	15	16	No	0,0871	-0,26129	0	0
16	16	17	No	0,06774	-0,18387	0	0
17	17	18	No	0,075	-0,1125	0	0
18	18	19	No	0,075	-0,0375	0	0
19	19	20	No	0,075	0,0375	0	0
20	20	21	No	0,075	0,1125	0	0
21	21	22	No	0,06774	0,18387	0	0
22	22	23	No	0,0871	0,26129	0	0
23	23	24	No	0,0871	0,34839	0	0
24	24	25	No	0,0871	0,43548	0	0
25	25	26	No	0,0871	0,52258	0	0
26	26	27	No	0,0871	0,60968	0	0
27	27	28	No	0,0871	0,69677	0	0
28	28	29	No	0,0871	0,78387	0	0
29	29	30	No	0,0871	0,87097	0	0
30	30	31	No	0,0871	0,95806	0	0
31	31	32	No	0,0871	1,04516	0	0
32	32	33	No	0,0871	1,13226	0	0
33	33	34	No	0,0871	1,21935	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
80 di 294

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
34	34	35	No	0,0871	1,30645	0	0
35	35	36	No	0,075	1,3875	0	0
36	36	37	No	0,075	1,4625	0	0
37	1	38	No	0,075	-1,5	0	0,0375
38	39	19	No	0,075	0	0	0,0375
39	37	40	No	0,075	1,5	0	0,0375
40	38	41	No	0,075	-1,5	0	0,1125
41	42	39	No	0,075	0	0	0,1125
42	40	43	No	0,075	1,5	0	0,1125
43	41	44	No	0,5	-1,5	0	0,4
44	45	42	No	0,5	0	0	0,4
45	43	46	No	0,5	1,5	0	0,4
46	44	47	No	0,5	-1,5	0	0,9
47	48	45	No	0,5	0	0	0,9
48	46	49	No	0,5	1,5	0	0,9
49	47	50	No	0,5	-1,5	0	1,4
50	51	48	No	0,5	0	0	1,4
51	49	52	No	0,5	1,5	0	1,4
52	50	53	No	0,5	-1,5	0	1,9
53	54	51	No	0,5	0	0	1,9
54	52	55	No	0,5	1,5	0	1,9
55	53	56	No	0,075	-1,5	0	2,1875
56	57	54	No	0,075	0	0	2,1875
57	55	58	No	0,075	1,5	0	2,1875
58	56	59	No	0,075	-1,5	0	2,2625
59	66	57	No	0,075	0	0	2,2625
60	58	73	No	0,075	1,5	0	2,2625
61	59	60	No	0,075	-1,4625	0	2,3
62	60	61	No	0,075	-1,3875	0	2,3
63	61	62	No	0,54	-1,08	0	2,3
64	62	63	No	0,54	-0,54	0	2,3
65	63	64	No	0,12	-0,21	0	2,3
66	64	65	No	0,075	-0,1125	0	2,3
67	65	66	No	0,075	-0,0375	0	2,3
68	66	67	No	0,075	0,0375	0	2,3
69	67	68	No	0,075	0,1125	0	2,3
70	68	69	No	0,12	0,21	0	2,3
71	69	70	No	0,54	0,54	0	2,3
72	70	71	No	0,54	1,08	0	2,3
73	71	72	No	0,075	1,3875	0	2,3
74	72	73	No	0,075	1,4625	0	2,3

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
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Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
81 di 294

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
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Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0	PP	LinStatic	-2,346	17,301	0	0	0
1	0,075	PP	LinStatic	-2,346	17,863	0	0	0
1	0	REINTSUP	LinStatic	-0,094	12,424	0	0	0
1	0,075	REINTSUP	LinStatic	-0,094	12,424	0	0	0
1	0	BALLAST	LinStatic	-0,064	8,439	0	0	0
1	0,075	BALLAST	LinStatic	-0,064	8,439	0	0	0
1	0	STERRASX	LinStatic	-38,933	-2,014	0	0	0
1	0,075	STERRASX	LinStatic	-38,933	-2,014	0	0	0
1	0	STERRADX	LinStatic	5,692	9,746	0	0	0



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
1	0,075	STERRADX	LinStatic	5,692	9,746	0	0	0
1	0	TERMP	LinStatic	1,106	-0,03	0	0	0
1	0,075	TERMP	LinStatic	1,106	-0,03	0	0	0
1	0	TERMN	LinStatic	-3,319	0,09	0	0	0
1	0,075	TERMN	LinStatic	-3,319	0,09	0	0	0
1	0	GRADTP	LinStatic	-4,359	4,347	0	0	0
1	0,075	GRADTP	LinStatic	-4,359	4,347	0	0	0
1	0	GRADTN	LinStatic	4,359	-4,347	0	0	0
1	0,075	GRADTN	LinStatic	4,359	-4,347	0	0	0
1	0	LM71C	LinStatic	-0,27	35,677	0	0	0
1	0,075	LM71C	LinStatic	-0,27	35,677	0	0	0
1	0	LM71SX	LinStatic	0,153	39,572	0	0	0
1	0,075	LM71SX	LinStatic	0,153	39,572	0	0	0
1	0	LM71DX	LinStatic	-0,423	-3,895	0	0	0
1	0,075	LM71DX	LinStatic	-0,423	-3,895	0	0	0
1	0	STLM71	LinStatic	-30,437	-2,78	0	0	0
1	0,075	STLM71	LinStatic	-30,437	-2,78	0	0	0
1	0	AVVLM71	LinStatic	-7,222	-10,273	0	0	0
1	0,075	AVVLM71	LinStatic	-7,222	-10,273	0	0	0
1	0	SW2	LinStatic	-0,222	29,383	0	0	0
1	0,075	SW2	LinStatic	-0,222	29,383	0	0	0
1	0	STSW2	LinStatic	-25,075	-2,291	0	0	0
1	0,075	STSW2	LinStatic	-25,075	-2,291	0	0	0
1	0	FRENSW2	LinStatic	-7,658	-10,892	0	0	0
1	0,075	FRENSW2	LinStatic	-7,658	-10,892	0	0	0
1	0	SERP	LinStatic	0	0	0	0	0
1	0,075	SERP	LinStatic	0	0	0	0	0
1	0	INCRTER	LinStatic	-35,446	-3,238	0	0	0
1	0,075	INCRTER	LinStatic	-35,446	-3,238	0	0	0
1	0	LM71SISO	LinStatic	-2,586	-3,678	0	0	0
1	0,075	LM71SISO	LinStatic	-2,586	-3,678	0	0	0
1	0	SW2SISO	LinStatic	-2,129	-3,028	0	0	0
1	0,075	SW2SISO	LinStatic	-2,129	-3,028	0	0	0
1	0	SISMAO	LinStatic	-12,23	-13,473	0	0	0
1	0,075	SISMAO	LinStatic	-12,23	-13,473	0	0	0
1	0	LM71SVA	LinStatic	0,008027	-1,061	0	0	0
1	0,075	LM71SVA	LinStatic	0,008027	-1,061	0	0	0
1	0	SW2SVA	LinStatic	0,006608	-0,873	0	0	0
1	0,075	SW2SVA	LinStatic	0,006608	-0,873	0	0	0
1	0	SISMAVA	LinStatic	0,37	-5,74	0	0	0
1	0,075	SISMAVA	LinStatic	0,37	-5,74	0	0	0
1	0	LM71SVB	LinStatic	-0,008027	1,061	0	0	0
1	0,075	LM71SVB	LinStatic	-0,008027	1,061	0	0	0
1	0	SW2SVB	LinStatic	-0,006608	0,873	0	0	0
1	0,075	SW2SVB	LinStatic	-0,006608	0,873	0	0	0
1	0	SISMAVB	LinStatic	-0,37	5,74	0	0	0
1	0,075	SISMAVB	LinStatic	-0,37	5,74	0	0	0
2	0	PP	LinStatic	-2,346	15,508	0	0	0
2	0,075	PP	LinStatic	-2,346	16,07	0	0	0
2	0	REINTSUP	LinStatic	-0,094	10,876	0	0	0
2	0,075	REINTSUP	LinStatic	-0,094	10,876	0	0	0
2	0	BALLAST	LinStatic	-0,064	7,388	0	0	0
2	0,075	BALLAST	LinStatic	-0,064	7,388	0	0	0
2	0	STERRASX	LinStatic	-37,504	0,791	0	0	0
2	0,075	STERRASX	LinStatic	-37,504	0,791	0	0	0
2	0	STERRADX	LinStatic	4,262	6,942	0	0	0
2	0,075	STERRADX	LinStatic	4,262	6,942	0	0	0
2	0	TERMP	LinStatic	1,106	-0,034	0	0	0
2	0,075	TERMP	LinStatic	1,106	-0,034	0	0	0
2	0	TERMN	LinStatic	-3,319	0,103	0	0	0
2	0,075	TERMN	LinStatic	-3,319	0,103	0	0	0
2	0	GRADTP	LinStatic	-4,359	4,344	0	0	0
2	0,075	GRADTP	LinStatic	-4,359	4,344	0	0	0
2	0	GRADTN	LinStatic	4,359	-4,344	0	0	0
2	0,075	GRADTN	LinStatic	4,359	-4,344	0	0	0
2	0	LM71C	LinStatic	-0,27	31,233	0	0	0
2	0,075	LM71C	LinStatic	-0,27	31,233	0	0	0
2	0	LM71SX	LinStatic	0,153	34,1	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
83 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	0,075	LM71SX	LinStatic	0,153	34,1	0	0	0
2	0	LM71DX	LinStatic	-0,423	-2,866	0	0	0
2	0,075	LM71DX	LinStatic	-0,423	-2,866	0	0	0
2	0	STLM71	LinStatic	-29,228	-0,062	0	0	0
2	0,075	STLM71	LinStatic	-29,228	-0,062	0	0	0
2	0	AVVLM71	LinStatic	-6,486	-6,961	0	0	0
2	0,075	AVVLM71	LinStatic	-6,486	-6,961	0	0	0
2	0	SW2	LinStatic	-0,222	25,723	0	0	0
2	0,075	SW2	LinStatic	-0,222	25,723	0	0	0
2	0	STSW2	LinStatic	-24,08	-0,051	0	0	0
2	0,075	STSW2	LinStatic	-24,08	-0,051	0	0	0
2	0	FRENSW2	LinStatic	-6,877	-7,381	0	0	0
2	0,075	FRENSW2	LinStatic	-6,877	-7,381	0	0	0
2	0	SERP	LinStatic	0	0	0	0	0
2	0,075	SERP	LinStatic	0	0	0	0	0
2	0	INCRTER	LinStatic	-34,038	-0,072	0	0	0
2	0,075	INCRTER	LinStatic	-34,038	-0,072	0	0	0
2	0	LM71SISO	LinStatic	-2,322	-2,492	0	0	0
2	0,075	LM71SISO	LinStatic	-2,322	-2,492	0	0	0
2	0	SW2SISO	LinStatic	-1,912	-2,052	0	0	0
2	0,075	SW2SISO	LinStatic	-1,912	-2,052	0	0	0
2	0	SISMAO	LinStatic	-11,041	-8,896	0	0	0
2	0,075	SISMAO	LinStatic	-11,041	-8,896	0	0	0
2	0	LM71SVA	LinStatic	0,008027	-0,929	0	0	0
2	0,075	LM71SVA	LinStatic	0,008027	-0,929	0	0	0
2	0	SW2SVA	LinStatic	0,006608	-0,764	0	0	0
2	0,075	SW2SVA	LinStatic	0,006608	-0,764	0	0	0
2	0	SISMAVA	LinStatic	0,37	-5,083	0	0	0
2	0,075	SISMAVA	LinStatic	0,37	-5,083	0	0	0
2	0	LM71SVB	LinStatic	-0,008027	0,929	0	0	0
2	0,075	LM71SVB	LinStatic	-0,008027	0,929	0	0	0
2	0	SW2SVB	LinStatic	-0,006608	0,764	0	0	0
2	0,075	SW2SVB	LinStatic	-0,006608	0,764	0	0	0
2	0	SISMAVB	LinStatic	-0,37	5,083	0	0	0
2	0,075	SISMAVB	LinStatic	-0,37	5,083	0	0	0
3	0	PP	LinStatic	-2,346	13,525	0	0	0
3	0,0871	PP	LinStatic	-2,346	14,178	0	0	0
3	0	REINTSUP	LinStatic	-0,094	9,205	0	0	0
3	0,0871	REINTSUP	LinStatic	-0,094	9,205	0	0	0
3	0	BALLAST	LinStatic	-0,064	6,252	0	0	0
3	0,0871	BALLAST	LinStatic	-0,064	6,252	0	0	0
3	0	STERRASX	LinStatic	-35,959	3,66	0	0	0
3	0,0871	STERRASX	LinStatic	-35,959	3,66	0	0	0
3	0	STERRADX	LinStatic	2,717	4,074	0	0	0
3	0,0871	STERRADX	LinStatic	2,717	4,074	0	0	0
3	0	TERMP	LinStatic	1,106	-0,038	0	0	0
3	0,0871	TERMP	LinStatic	1,106	-0,038	0	0	0
3	0	TERMN	LinStatic	-3,319	0,114	0	0	0
3	0,0871	TERMN	LinStatic	-3,319	0,114	0	0	0
3	0	GRADTP	LinStatic	-4,358	4,34	0	0	0
3	0,0871	GRADTP	LinStatic	-4,358	4,34	0	0	0
3	0	GRADTN	LinStatic	4,358	-4,34	0	0	0
3	0,0871	GRADTN	LinStatic	4,358	-4,34	0	0	0
3	0	LM71C	LinStatic	-0,27	26,434	0	0	0
3	0,0871	LM71C	LinStatic	-0,27	26,434	0	0	0
3	0	LM71SX	LinStatic	0,153	28,373	0	0	0
3	0,0871	LM71SX	LinStatic	0,153	28,373	0	0	0
3	0	LM71DX	LinStatic	-0,423	-1,939	0	0	0
3	0,0871	LM71DX	LinStatic	-0,423	-1,939	0	0	0
3	0	STLM71	LinStatic	-27,922	2,718	0	0	0
3	0,0871	STLM71	LinStatic	-27,922	2,718	0	0	0
3	0	AVVLM71	LinStatic	-5,689	-3,573	0	0	0
3	0,0871	AVVLM71	LinStatic	-5,689	-3,573	0	0	0
3	0	SW2	LinStatic	-0,222	21,771	0	0	0
3	0,0871	SW2	LinStatic	-0,222	21,771	0	0	0
3	0	STSW2	LinStatic	-23,003	2,239	0	0	0
3	0,0871	STSW2	LinStatic	-23,003	2,239	0	0	0
3	0	FRENSW2	LinStatic	-6,033	-3,788	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
3	0,0871	FRENSW2	LinStatic	-6,033	-3,788	0	0	0
3	0	SERP	LinStatic	0	0	0	0	0
3	0,0871	SERP	LinStatic	0	0	0	0	0
3	0	INCRTER	LinStatic	-32,517	3,165	0	0	0
3	0,0871	INCRTER	LinStatic	-32,517	3,165	0	0	0
3	0	LM71SISO	LinStatic	-2,037	-1,279	0	0	0
3	0,0871	LM71SISO	LinStatic	-2,037	-1,279	0	0	0
3	0	SW2SISO	LinStatic	-1,677	-1,053	0	0	0
3	0,0871	SW2SISO	LinStatic	-1,677	-1,053	0	0	0
3	0	SISMAO	LinStatic	-9,757	-4,212	0	0	0
3	0,0871	SISMAO	LinStatic	-9,757	-4,212	0	0	0
3	0	LM71SVA	LinStatic	0,008027	-0,786	0	0	0
3	0,0871	LM71SVA	LinStatic	0,008027	-0,786	0	0	0
3	0	SW2SVA	LinStatic	0,006608	-0,647	0	0	0
3	0,0871	SW2SVA	LinStatic	0,006608	-0,647	0	0	0
3	0	SISMAVA	LinStatic	0,37	-4,373	0	0	0
3	0,0871	SISMAVA	LinStatic	0,37	-4,373	0	0	0
3	0	LM71SVB	LinStatic	-0,008027	0,786	0	0	0
3	0,0871	LM71SVB	LinStatic	-0,008027	0,786	0	0	0
3	0	SW2SVB	LinStatic	-0,006608	0,647	0	0	0
3	0,0871	SW2SVB	LinStatic	-0,006608	0,647	0	0	0
3	0	SISMAVB	LinStatic	-0,37	4,373	0	0	0
3	0,0871	SISMAVB	LinStatic	-0,37	4,373	0	0	0
4	0	PP	LinStatic	-2,346	11,445	0	0	0
4	0,0871	PP	LinStatic	-2,346	12,098	0	0	0
4	0	REINTSUP	LinStatic	-0,094	7,41	0	0	0
4	0,0871	REINTSUP	LinStatic	-0,094	7,41	0	0	0
4	0	BALLAST	LinStatic	-0,064	5,033	0	0	0
4	0,0871	BALLAST	LinStatic	-0,064	5,033	0	0	0
4	0	STERRASX	LinStatic	-34,298	6,541	0	0	0
4	0,0871	STERRASX	LinStatic	-34,298	6,541	0	0	0
4	0	STERRADX	LinStatic	1,057	1,193	0	0	0
4	0,0871	STERRADX	LinStatic	1,057	1,193	0	0	0
4	0	TERMP	LinStatic	1,106	-0,041	0	0	0
4	0,0871	TERMP	LinStatic	1,106	-0,041	0	0	0
4	0	TERMN	LinStatic	-3,319	0,124	0	0	0
4	0,0871	TERMN	LinStatic	-3,319	0,124	0	0	0
4	0	GRADTP	LinStatic	-4,358	4,336	0	0	0
4	0,0871	GRADTP	LinStatic	-4,358	4,336	0	0	0
4	0	GRADTN	LinStatic	4,358	-4,336	0	0	0
4	0,0871	GRADTN	LinStatic	4,358	-4,336	0	0	0
4	0	LM71C	LinStatic	-0,27	21,279	0	0	0
4	0,0871	LM71C	LinStatic	-0,27	21,279	0	0	0
4	0	LM71SX	LinStatic	0,153	22,453	0	0	0
4	0,0871	LM71SX	LinStatic	0,153	22,453	0	0	0
4	0	LM71DX	LinStatic	-0,423	-1,174	0	0	0
4	0,0871	LM71DX	LinStatic	-0,423	-1,174	0	0	0
4	0	STLM71	LinStatic	-26,518	5,51	0	0	0
4	0,0871	STLM71	LinStatic	-26,518	5,51	0	0	0
4	0	AVVLM71	LinStatic	-4,834	-0,169	0	0	0
4	0,0871	AVVLM71	LinStatic	-4,834	-0,169	0	0	0
4	0	SW2	LinStatic	-0,222	17,525	0	0	0
4	0,0871	SW2	LinStatic	-0,222	17,525	0	0	0
4	0	STSW2	LinStatic	-21,847	4,54	0	0	0
4	0,0871	STSW2	LinStatic	-21,847	4,54	0	0	0
4	0	FRENSW2	LinStatic	-5,125	-0,179	0	0	0
4	0,0871	FRENSW2	LinStatic	-5,125	-0,179	0	0	0
4	0	SERP	LinStatic	0	0	0	0	0
4	0,0871	SERP	LinStatic	0	0	0	0	0
4	0	INCRTER	LinStatic	-30,882	6,417	0	0	0
4	0,0871	INCRTER	LinStatic	-30,882	6,417	0	0	0
4	0	LM71SISO	LinStatic	-1,731	-0,06	0	0	0
4	0,0871	LM71SISO	LinStatic	-1,731	-0,06	0	0	0
4	0	SW2SISO	LinStatic	-1,425	-0,05	0	0	0
4	0,0871	SW2SISO	LinStatic	-1,425	-0,05	0	0	0
4	0	SISMAO	LinStatic	-8,377	0,493	0	0	0
4	0,0871	SISMAO	LinStatic	-8,377	0,493	0	0	0
4	0	LM71SVA	LinStatic	0,008027	-0,633	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
85 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
4	0,0871	LM71SVA	LinStatic	0,008027	-0,633	0	0	0
4	0	SW2SVA	LinStatic	0,006608	-0,521	0	0	0
4	0,0871	SW2SVA	LinStatic	0,006608	-0,521	0	0	0
4	0	SISMAVA	LinStatic	0,37	-3,611	0	0	0
4	0,0871	SISMAVA	LinStatic	0,37	-3,611	0	0	0
4	0	LM71SVB	LinStatic	-0,008027	0,633	0	0	0
4	0,0871	LM71SVB	LinStatic	-0,008027	0,633	0	0	0
4	0	SW2SVB	LinStatic	-0,006608	0,521	0	0	0
4	0,0871	SW2SVB	LinStatic	-0,006608	0,521	0	0	0
4	0	SISMAVB	LinStatic	-0,37	3,611	0	0	0
4	0,0871	SISMAVB	LinStatic	-0,37	3,611	0	0	0
5	0	PP	LinStatic	-2,346	9,366	0	0	0
5	0,0871	PP	LinStatic	-2,346	10,019	0	0	0
5	0	REINTSUP	LinStatic	-0,094	5,615	0	0	0
5	0,0871	REINTSUP	LinStatic	-0,094	5,615	0	0	0
5	0	BALLAST	LinStatic	-0,064	3,814	0	0	0
5	0,0871	BALLAST	LinStatic	-0,064	3,814	0	0	0
5	0	STERRASX	LinStatic	-32,638	9,22	0	0	0
5	0,0871	STERRASX	LinStatic	-32,638	9,22	0	0	0
5	0	STERRADX	LinStatic	-0,603	-1,487	0	0	0
5	0,0871	STERRADX	LinStatic	-0,603	-1,487	0	0	0
5	0	TERMP	LinStatic	1,106	-0,044	0	0	0
5	0,0871	TERMP	LinStatic	1,106	-0,044	0	0	0
5	0	TERMN	LinStatic	-3,319	0,131	0	0	0
5	0,0871	TERMN	LinStatic	-3,319	0,131	0	0	0
5	0	GRADTP	LinStatic	-4,358	4,333	0	0	0
5	0,0871	GRADTP	LinStatic	-4,358	4,333	0	0	0
5	0	GRADTN	LinStatic	4,358	-4,333	0	0	0
5	0,0871	GRADTN	LinStatic	4,358	-4,333	0	0	0
5	0	LM71C	LinStatic	-0,27	16,125	0	0	0
5	0,0871	LM71C	LinStatic	-0,27	16,125	0	0	0
5	0	LM71SX	LinStatic	0,153	16,765	0	0	0
5	0,0871	LM71SX	LinStatic	0,153	16,765	0	0	0
5	0	LM71DX	LinStatic	-0,423	-0,64	0	0	0
5	0,0871	LM71DX	LinStatic	-0,423	-0,64	0	0	0
5	0	STLM71	LinStatic	-25,114	8,107	0	0	0
5	0,0871	STLM71	LinStatic	-25,114	8,107	0	0	0
5	0	AVVLM71	LinStatic	-3,978	2,999	0	0	0
5	0,0871	AVVLM71	LinStatic	-3,978	2,999	0	0	0
5	0	SW2	LinStatic	-0,222	13,281	0	0	0
5	0,0871	SW2	LinStatic	-0,222	13,281	0	0	0
5	0	STSW2	LinStatic	-20,691	6,679	0	0	0
5	0,0871	STSW2	LinStatic	-20,691	6,679	0	0	0
5	0	FRENSW2	LinStatic	-4,218	3,18	0	0	0
5	0,0871	FRENSW2	LinStatic	-4,218	3,18	0	0	0
5	0	SERP	LinStatic	0	0	0	0	0
5	0,0871	SERP	LinStatic	0	0	0	0	0
5	0	INCRTER	LinStatic	-29,248	9,442	0	0	0
5	0,0871	INCRTER	LinStatic	-29,248	9,442	0	0	0
5	0	LM71SISO	LinStatic	-1,424	1,074	0	0	0
5	0,0871	LM71SISO	LinStatic	-1,424	1,074	0	0	0
5	0	SW2SISO	LinStatic	-1,173	0,884	0	0	0
5	0,0871	SW2SISO	LinStatic	-1,173	0,884	0	0	0
5	0	SISMAO	LinStatic	-6,996	4,871	0	0	0
5	0,0871	SISMAO	LinStatic	-6,996	4,871	0	0	0
5	0	LM71SVA	LinStatic	0,008027	-0,479	0	0	0
5	0,0871	LM71SVA	LinStatic	0,008027	-0,479	0	0	0
5	0	SW2SVA	LinStatic	0,006608	-0,395	0	0	0
5	0,0871	SW2SVA	LinStatic	0,006608	-0,395	0	0	0
5	0	SISMAVA	LinStatic	0,37	-2,849	0	0	0
5	0,0871	SISMAVA	LinStatic	0,37	-2,849	0	0	0
5	0	LM71SVB	LinStatic	-0,008027	0,479	0	0	0
5	0,0871	LM71SVB	LinStatic	-0,008027	0,479	0	0	0
5	0	SW2SVB	LinStatic	-0,006608	0,395	0	0	0
5	0,0871	SW2SVB	LinStatic	-0,006608	0,395	0	0	0
5	0	SISMAVB	LinStatic	-0,37	2,849	0	0	0
5	0,0871	SISMAVB	LinStatic	-0,37	2,849	0	0	0
6	0	PP	LinStatic	-2,346	7,288	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
86 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
6	0,0871	PP	LinStatic	-2,346	7,941	0	0	0
6	0	REINTSUP	LinStatic	-0,094	3,821	0	0	0
6	0,0871	REINTSUP	LinStatic	-0,094	3,821	0	0	0
6	0	BALLAST	LinStatic	-0,064	2,596	0	0	0
6	0,0871	BALLAST	LinStatic	-0,064	2,596	0	0	0
6	0	STERRASX	LinStatic	-30,978	11,699	0	0	0
6	0,0871	STERRASX	LinStatic	-30,978	11,699	0	0	0
6	0	STERRADX	LinStatic	-2,263	-3,968	0	0	0
6	0,0871	STERRADX	LinStatic	-2,263	-3,968	0	0	0
6	0	TERMP	LinStatic	1,106	-0,045	0	0	0
6	0,0871	TERMP	LinStatic	1,106	-0,045	0	0	0
6	0	TERMN	LinStatic	-3,319	0,136	0	0	0
6	0,0871	TERMN	LinStatic	-3,319	0,136	0	0	0
6	0	GRADTP	LinStatic	-4,358	4,33	0	0	0
6	0,0871	GRADTP	LinStatic	-4,358	4,33	0	0	0
6	0	GRADTN	LinStatic	4,358	-4,33	0	0	0
6	0,0871	GRADTN	LinStatic	4,358	-4,33	0	0	0
6	0	LM71C	LinStatic	-0,27	10,974	0	0	0
6	0,0871	LM71C	LinStatic	-0,27	10,974	0	0	0
6	0	LM71SX	LinStatic	0,153	11,311	0	0	0
6	0,0871	LM71SX	LinStatic	0,153	11,311	0	0	0
6	0	LM71DX	LinStatic	-0,423	-0,337	0	0	0
6	0,0871	LM71DX	LinStatic	-0,423	-0,337	0	0	0
6	0	STLM71	LinStatic	-23,711	10,51	0	0	0
6	0,0871	STLM71	LinStatic	-23,711	10,51	0	0	0
6	0	AVVLM71	LinStatic	-3,122	5,93	0	0	0
6	0,0871	AVVLM71	LinStatic	-3,122	5,93	0	0	0
6	0	SW2	LinStatic	-0,222	9,038	0	0	0
6	0,0871	SW2	LinStatic	-0,222	9,038	0	0	0
6	0	STSW2	LinStatic	-19,534	8,659	0	0	0
6	0,0871	STSW2	LinStatic	-19,534	8,659	0	0	0
6	0	FRENSW2	LinStatic	-3,311	6,288	0	0	0
6	0,0871	FRENSW2	LinStatic	-3,311	6,288	0	0	0
6	0	SERP	LinStatic	0	0	0	0	0
6	0,0871	SERP	LinStatic	0	0	0	0	0
6	0	INCRTER	LinStatic	-27,613	12,24	0	0	0
6	0,0871	INCRTER	LinStatic	-27,613	12,24	0	0	0
6	0	LM71SISO	LinStatic	-1,118	2,123	0	0	0
6	0,0871	LM71SISO	LinStatic	-1,118	2,123	0	0	0
6	0	SW2SISO	LinStatic	-0,92	1,748	0	0	0
6	0,0871	SW2SISO	LinStatic	-0,92	1,748	0	0	0
6	0	SISMAO	LinStatic	-5,616	8,922	0	0	0
6	0,0871	SISMAO	LinStatic	-5,616	8,922	0	0	0
6	0	LM71SVA	LinStatic	0,008027	-0,326	0	0	0
6	0,0871	LM71SVA	LinStatic	0,008027	-0,326	0	0	0
6	0	SW2SVA	LinStatic	0,006608	-0,269	0	0	0
6	0,0871	SW2SVA	LinStatic	0,006608	-0,269	0	0	0
6	0	SISMAVA	LinStatic	0,37	-2,087	0	0	0
6	0,0871	SISMAVA	LinStatic	0,37	-2,087	0	0	0
6	0	LM71SVB	LinStatic	-0,008027	0,326	0	0	0
6	0,0871	LM71SVB	LinStatic	-0,008027	0,326	0	0	0
6	0	SW2SVB	LinStatic	-0,006608	0,269	0	0	0
6	0,0871	SW2SVB	LinStatic	-0,006608	0,269	0	0	0
6	0	SISMAVB	LinStatic	-0,37	2,087	0	0	0
6	0,0871	SISMAVB	LinStatic	-0,37	2,087	0	0	0
7	0	PP	LinStatic	-2,346	5,212	0	0	0
7	0,0871	PP	LinStatic	-2,346	5,865	0	0	0
7	0	REINTSUP	LinStatic	-0,094	2,028	0	0	0
7	0,0871	REINTSUP	LinStatic	-0,094	2,028	0	0	0
7	0	BALLAST	LinStatic	-0,064	1,378	0	0	0
7	0,0871	BALLAST	LinStatic	-0,064	1,378	0	0	0
7	0	STERRASX	LinStatic	-29,317	13,978	0	0	0
7	0,0871	STERRASX	LinStatic	-29,317	13,978	0	0	0
7	0	STERRADX	LinStatic	-3,923	-6,249	0	0	0
7	0,0871	STERRADX	LinStatic	-3,923	-6,249	0	0	0
7	0	TERMP	LinStatic	1,106	-0,046	0	0	0
7	0,0871	TERMP	LinStatic	1,106	-0,046	0	0	0
7	0	TERMN	LinStatic	-3,319	0,139	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
87 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
7	0,0871	TERMN	LinStatic	-3,319	0,139	0	0	0
7	0	GRADTP	LinStatic	-4,358	4,328	0	0	0
7	0,0871	GRADTP	LinStatic	-4,358	4,328	0	0	0
7	0	GRADTN	LinStatic	4,358	-4,328	0	0	0
7	0,0871	GRADTN	LinStatic	4,358	-4,328	0	0	0
7	0	LM71C	LinStatic	-0,27	5,824	0	0	0
7	0,0871	LM71C	LinStatic	-0,27	5,824	0	0	0
7	0	LM71SX	LinStatic	0,153	6,088	0	0	0
7	0,0871	LM71SX	LinStatic	0,153	6,088	0	0	0
7	0	LM71DX	LinStatic	-0,423	-0,264	0	0	0
7	0,0871	LM71DX	LinStatic	-0,423	-0,264	0	0	0
7	0	STLM71	LinStatic	-22,307	12,719	0	0	0
7	0,0871	STLM71	LinStatic	-22,307	12,719	0	0	0
7	0	AVVLM71	LinStatic	-2,267	8,625	0	0	0
7	0,0871	AVVLM71	LinStatic	-2,267	8,625	0	0	0
7	0	SW2	LinStatic	-0,222	4,796	0	0	0
7	0,0871	SW2	LinStatic	-0,222	4,796	0	0	0
7	0	STSW2	LinStatic	-18,378	10,479	0	0	0
7	0,0871	STSW2	LinStatic	-18,378	10,479	0	0	0
7	0	FRENSW2	LinStatic	-2,403	9,146	0	0	0
7	0,0871	FRENSW2	LinStatic	-2,403	9,146	0	0	0
7	0	SERP	LinStatic	0	0	0	0	0
7	0,0871	SERP	LinStatic	0	0	0	0	0
7	0	INCRTER	LinStatic	-25,978	14,812	0	0	0
7	0,0871	INCRTER	LinStatic	-25,978	14,812	0	0	0
7	0	LM71SISO	LinStatic	-0,812	3,088	0	0	0
7	0,0871	LM71SISO	LinStatic	-0,812	3,088	0	0	0
7	0	SW2SISO	LinStatic	-0,668	2,542	0	0	0
7	0,0871	SW2SISO	LinStatic	-0,668	2,542	0	0	0
7	0	SISMAO	LinStatic	-4,235	12,648	0	0	0
7	0,0871	SISMAO	LinStatic	-4,235	12,648	0	0	0
7	0	LM71SVA	LinStatic	0,008027	-0,173	0	0	0
7	0,0871	LM71SVA	LinStatic	0,008027	-0,173	0	0	0
7	0	SW2SVA	LinStatic	0,006608	-0,143	0	0	0
7	0,0871	SW2SVA	LinStatic	0,006608	-0,143	0	0	0
7	0	SISMAVA	LinStatic	0,37	-1,326	0	0	0
7	0,0871	SISMAVA	LinStatic	0,37	-1,326	0	0	0
7	0	LM71SVB	LinStatic	-0,008027	0,173	0	0	0
7	0,0871	LM71SVB	LinStatic	-0,008027	0,173	0	0	0
7	0	SW2SVB	LinStatic	-0,006608	0,143	0	0	0
7	0,0871	SW2SVB	LinStatic	-0,006608	0,143	0	0	0
7	0	SISMAVB	LinStatic	-0,37	1,326	0	0	0
7	0,0871	SISMAVB	LinStatic	-0,37	1,326	0	0	0
8	0	PP	LinStatic	-2,346	3,136	0	0	0
8	0,0871	PP	LinStatic	-2,346	3,789	0	0	0
8	0	REINTSUP	LinStatic	-0,094	0,235	0	0	0
8	0,0871	REINTSUP	LinStatic	-0,094	0,235	0	0	0
8	0	BALLAST	LinStatic	-0,064	0,16	0	0	0
8	0,0871	BALLAST	LinStatic	-0,064	0,16	0	0	0
8	0	STERRASX	LinStatic	-27,657	16,058	0	0	0
8	0,0871	STERRASX	LinStatic	-27,657	16,058	0	0	0
8	0	STERRADX	LinStatic	-5,583	-8,33	0	0	0
8	0,0871	STERRADX	LinStatic	-5,583	-8,33	0	0	0
8	0	TERMP	LinStatic	1,106	-0,047	0	0	0
8	0,0871	TERMP	LinStatic	1,106	-0,047	0	0	0
8	0	TERMN	LinStatic	-3,319	0,14	0	0	0
8	0,0871	TERMN	LinStatic	-3,319	0,14	0	0	0
8	0	GRADTP	LinStatic	-4,358	4,327	0	0	0
8	0,0871	GRADTP	LinStatic	-4,358	4,327	0	0	0
8	0	GRADTN	LinStatic	4,358	-4,327	0	0	0
8	0,0871	GRADTN	LinStatic	4,358	-4,327	0	0	0
8	0	LM71C	LinStatic	-0,27	0,675	0	0	0
8	0,0871	LM71C	LinStatic	-0,27	0,675	0	0	0
8	0	LM71SX	LinStatic	0,153	1,098	0	0	0
8	0,0871	LM71SX	LinStatic	0,153	1,098	0	0	0
8	0	LM71DX	LinStatic	-0,423	-0,423	0	0	0
8	0,0871	LM71DX	LinStatic	-0,423	-0,423	0	0	0
8	0	STLM71	LinStatic	-20,903	14,735	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
8	0,0871	STLM71	LinStatic	-20,903	14,735	0	0	0
8	0	AVVLM71	LinStatic	-1,411	11,085	0	0	0
8	0,0871	AVVLM71	LinStatic	-1,411	11,085	0	0	0
8	0	SW2	LinStatic	-0,222	0,556	0	0	0
8	0,0871	SW2	LinStatic	-0,222	0,556	0	0	0
8	0	STSW2	LinStatic	-17,221	12,139	0	0	0
8	0,0871	STSW2	LinStatic	-17,221	12,139	0	0	0
8	0	FRENSW2	LinStatic	-1,496	11,754	0	0	0
8	0,0871	FRENSW2	LinStatic	-1,496	11,754	0	0	0
8	0	SERP	LinStatic	0	0	0	0	0
8	0,0871	SERP	LinStatic	0	0	0	0	0
8	0	INCRTER	LinStatic	-24,344	17,16	0	0	0
8	0,0871	INCRTER	LinStatic	-24,344	17,16	0	0	0
8	0	LM71SISO	LinStatic	-0,505	3,969	0	0	0
8	0,0871	LM71SISO	LinStatic	-0,505	3,969	0	0	0
8	0	SW2SISO	LinStatic	-0,416	3,267	0	0	0
8	0,0871	SW2SISO	LinStatic	-0,416	3,267	0	0	0
8	0	SISMAO	LinStatic	-2,855	16,048	0	0	0
8	0,0871	SISMAO	LinStatic	-2,855	16,048	0	0	0
8	0	LM71SVA	LinStatic	0,008027	-0,02	0	0	0
8	0,0871	LM71SVA	LinStatic	0,008027	-0,02	0	0	0
8	0	SW2SVA	LinStatic	0,006608	-0,017	0	0	0
8	0,0871	SW2SVA	LinStatic	0,006608	-0,017	0	0	0
8	0	SISMAVA	LinStatic	0,37	-0,565	0	0	0
8	0,0871	SISMAVA	LinStatic	0,37	-0,565	0	0	0
8	0	LM71SVB	LinStatic	-0,008027	0,02	0	0	0
8	0,0871	LM71SVB	LinStatic	-0,008027	0,02	0	0	0
8	0	SW2SVB	LinStatic	-0,006608	0,017	0	0	0
8	0,0871	SW2SVB	LinStatic	-0,006608	0,017	0	0	0
8	0	SISMAVB	LinStatic	-0,37	0,565	0	0	0
8	0,0871	SISMAVB	LinStatic	-0,37	0,565	0	0	0
9	0	PP	LinStatic	-2,346	1,062	0	0	0
9	0,0871	PP	LinStatic	-2,346	1,715	0	0	0
9	0	REINTSUP	LinStatic	-0,094	-1,558	0	0	0
9	0,0871	REINTSUP	LinStatic	-0,094	-1,558	0	0	0
9	0	BALLAST	LinStatic	-0,064	-1,058	0	0	0
9	0,0871	BALLAST	LinStatic	-0,064	-1,058	0	0	0
9	0	STERRASX	LinStatic	-25,997	17,938	0	0	0
9	0,0871	STERRASX	LinStatic	-25,997	17,938	0	0	0
9	0	STERRADX	LinStatic	-7,244	-10,212	0	0	0
9	0,0871	STERRADX	LinStatic	-7,244	-10,212	0	0	0
9	0	TERMP	LinStatic	1,106	-0,047	0	0	0
9	0,0871	TERMP	LinStatic	1,106	-0,047	0	0	0
9	0	TERMN	LinStatic	-3,319	0,14	0	0	0
9	0,0871	TERMN	LinStatic	-3,319	0,14	0	0	0
9	0	GRADTP	LinStatic	-4,358	4,326	0	0	0
9	0,0871	GRADTP	LinStatic	-4,358	4,326	0	0	0
9	0	GRADTN	LinStatic	4,358	-4,326	0	0	0
9	0,0871	GRADTN	LinStatic	4,358	-4,326	0	0	0
9	0	LM71C	LinStatic	-0,27	-4,474	0	0	0
9	0,0871	LM71C	LinStatic	-0,27	-4,474	0	0	0
9	0	LM71SX	LinStatic	0,153	-3,661	0	0	0
9	0,0871	LM71SX	LinStatic	0,153	-3,661	0	0	0
9	0	LM71DX	LinStatic	-0,423	-0,812	0	0	0
9	0,0871	LM71DX	LinStatic	-0,423	-0,812	0	0	0
9	0	STLM71	LinStatic	-19,5	16,558	0	0	0
9	0,0871	STLM71	LinStatic	-19,5	16,558	0	0	0
9	0	AVVLM71	LinStatic	-0,555	13,31	0	0	0
9	0,0871	AVVLM71	LinStatic	-0,555	13,31	0	0	0
9	0	SW2	LinStatic	-0,222	-3,684	0	0	0
9	0,0871	SW2	LinStatic	-0,222	-3,684	0	0	0
9	0	STSW2	LinStatic	-16,065	13,641	0	0	0
9	0,0871	STSW2	LinStatic	-16,065	13,641	0	0	0
9	0	FRENSW2	LinStatic	-0,589	14,113	0	0	0
9	0,0871	FRENSW2	LinStatic	-0,589	14,113	0	0	0
9	0	SERP	LinStatic	0	0	0	0	0
9	0,0871	SERP	LinStatic	0	0	0	0	0
9	0	INCRTER	LinStatic	-22,709	19,283	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
89 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
9	0,0871	INCRTER	LinStatic	-22,709	19,283	0	0	0
9	0	LM71SISO	LinStatic	-0,199	4,766	0	0	0
9	0,0871	LM71SISO	LinStatic	-0,199	4,766	0	0	0
9	0	SW2SISO	LinStatic	-0,164	3,923	0	0	0
9	0,0871	SW2SISO	LinStatic	-0,164	3,923	0	0	0
9	0	SISMAO	LinStatic	-1,475	19,123	0	0	0
9	0,0871	SISMAO	LinStatic	-1,475	19,123	0	0	0
9	0	LM71SVA	LinStatic	0,008027	0,133	0	0	0
9	0,0871	LM71SVA	LinStatic	0,008027	0,133	0	0	0
9	0	SW2SVA	LinStatic	0,006608	0,109	0	0	0
9	0,0871	SW2SVA	LinStatic	0,006608	0,109	0	0	0
9	0	SISMAVA	LinStatic	0,37	0,196	0	0	0
9	0,0871	SISMAVA	LinStatic	0,37	0,196	0	0	0
9	0	LM71SVB	LinStatic	-0,008027	-0,133	0	0	0
9	0,0871	LM71SVB	LinStatic	-0,008027	-0,133	0	0	0
9	0	SW2SVB	LinStatic	-0,006608	-0,109	0	0	0
9	0,0871	SW2SVB	LinStatic	-0,006608	-0,109	0	0	0
9	0	SISMAVB	LinStatic	-0,37	-0,196	0	0	0
9	0,0871	SISMAVB	LinStatic	-0,37	-0,196	0	0	0
10	0	PP	LinStatic	-2,346	-1,012	0	0	0
10	0,0871	PP	LinStatic	-2,346	-0,359	0	0	0
10	0	REINTSUP	LinStatic	-0,094	-3,351	0	0	0
10	0,0871	REINTSUP	LinStatic	-0,094	-3,351	0	0	0
10	0	BALLAST	LinStatic	-0,064	-2,276	0	0	0
10	0,0871	BALLAST	LinStatic	-0,064	-2,276	0	0	0
10	0	STERRASX	LinStatic	-24,337	19,62	0	0	0
10	0,0871	STERRASX	LinStatic	-24,337	19,62	0	0	0
10	0	STERRADX	LinStatic	-8,904	-11,895	0	0	0
10	0,0871	STERRADX	LinStatic	-8,904	-11,895	0	0	0
10	0	TERMP	LinStatic	1,106	-0,046	0	0	0
10	0,0871	TERMP	LinStatic	1,106	-0,046	0	0	0
10	0	TERMN	LinStatic	-3,319	0,138	0	0	0
10	0,0871	TERMN	LinStatic	-3,319	0,138	0	0	0
10	0	GRADTP	LinStatic	-4,358	4,326	0	0	0
10	0,0871	GRADTP	LinStatic	-4,358	4,326	0	0	0
10	0	GRADTN	LinStatic	4,358	-4,326	0	0	0
10	0,0871	GRADTN	LinStatic	4,358	-4,326	0	0	0
10	0	LM71C	LinStatic	-0,27	-9,622	0	0	0
10	0,0871	LM71C	LinStatic	-0,27	-9,622	0	0	0
10	0	LM71SX	LinStatic	0,153	-8,19	0	0	0
10	0,0871	LM71SX	LinStatic	0,153	-8,19	0	0	0
10	0	LM71DX	LinStatic	-0,423	-1,432	0	0	0
10	0,0871	LM71DX	LinStatic	-0,423	-1,432	0	0	0
10	0	STLM71	LinStatic	-18,096	18,188	0	0	0
10	0,0871	STLM71	LinStatic	-18,096	18,188	0	0	0
10	0	AVVLM71	LinStatic	0,301	15,3	0	0	0
10	0,0871	AVVLM71	LinStatic	0,301	15,3	0	0	0
10	0	SW2	LinStatic	-0,222	-7,924	0	0	0
10	0,0871	SW2	LinStatic	-0,222	-7,924	0	0	0
10	0	STSW2	LinStatic	-14,909	14,985	0	0	0
10	0,0871	STSW2	LinStatic	-14,909	14,985	0	0	0
10	0	FRENSW2	LinStatic	0,319	16,224	0	0	0
10	0,0871	FRENSW2	LinStatic	0,319	16,224	0	0	0
10	0	SERP	LinStatic	0	0	0	0	0
10	0,0871	SERP	LinStatic	0	0	0	0	0
10	0	INCRTER	LinStatic	-21,075	21,182	0	0	0
10	0,0871	INCRTER	LinStatic	-21,075	21,182	0	0	0
10	0	LM71SISO	LinStatic	0,108	5,479	0	0	0
10	0,0871	LM71SISO	LinStatic	0,108	5,479	0	0	0
10	0	SW2SISO	LinStatic	0,089	4,51	0	0	0
10	0,0871	SW2SISO	LinStatic	0,089	4,51	0	0	0
10	0	SISMAO	LinStatic	-0,094	21,874	0	0	0
10	0,0871	SISMAO	LinStatic	-0,094	21,874	0	0	0
10	0	LM71SVA	LinStatic	0,008027	0,286	0	0	0
10	0,0871	LM71SVA	LinStatic	0,008027	0,286	0	0	0
10	0	SW2SVA	LinStatic	0,006608	0,235	0	0	0
10	0,0871	SW2SVA	LinStatic	0,006608	0,235	0	0	0
10	0	SISMAVA	LinStatic	0,37	0,956	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
10	0,0871	SISMAVA	LinStatic	0,37	0,956	0	0	0
10	0	LM71SVB	LinStatic	-0,008027	-0,286	0	0	0
10	0,0871	LM71SVB	LinStatic	-0,008027	-0,286	0	0	0
10	0	SW2SVB	LinStatic	-0,006608	-0,235	0	0	0
10	0,0871	SW2SVB	LinStatic	-0,006608	-0,235	0	0	0
10	0	SISMAVB	LinStatic	-0,37	-0,956	0	0	0
10	0,0871	SISMAVB	LinStatic	-0,37	-0,956	0	0	0
11	0	PP	LinStatic	-2,346	-3,085	0	0	0
11	0,0871	PP	LinStatic	-2,346	-2,432	0	0	0
11	0	REINTSUP	LinStatic	-0,094	-5,143	0	0	0
11	0,0871	REINTSUP	LinStatic	-0,094	-5,143	0	0	0
11	0	BALLAST	LinStatic	-0,064	-3,494	0	0	0
11	0,0871	BALLAST	LinStatic	-0,064	-3,494	0	0	0
11	0	STERRASX	LinStatic	-22,676	21,104	0	0	0
11	0,0871	STERRASX	LinStatic	-22,676	21,104	0	0	0
11	0	STERRADX	LinStatic	-10,564	-13,38	0	0	0
11	0,0871	STERRADX	LinStatic	-10,564	-13,38	0	0	0
11	0	TERMP	LinStatic	1,106	-0,045	0	0	0
11	0,0871	TERMP	LinStatic	1,106	-0,045	0	0	0
11	0	TERMN	LinStatic	-3,319	0,134	0	0	0
11	0,0871	TERMN	LinStatic	-3,319	0,134	0	0	0
11	0	GRADTP	LinStatic	-4,358	4,327	0	0	0
11	0,0871	GRADTP	LinStatic	-4,358	4,327	0	0	0
11	0	GRADTN	LinStatic	4,358	-4,327	0	0	0
11	0,0871	GRADTN	LinStatic	4,358	-4,327	0	0	0
11	0	LM71C	LinStatic	-0,27	-14,771	0	0	0
11	0,0871	LM71C	LinStatic	-0,27	-14,771	0	0	0
11	0	LM71SX	LinStatic	0,153	-12,487	0	0	0
11	0,0871	LM71SX	LinStatic	0,153	-12,487	0	0	0
11	0	LM71DX	LinStatic	-0,423	-2,283	0	0	0
11	0,0871	LM71DX	LinStatic	-0,423	-2,283	0	0	0
11	0	STLM71	LinStatic	-16,693	19,627	0	0	0
11	0,0871	STLM71	LinStatic	-16,693	19,627	0	0	0
11	0	AVVLM71	LinStatic	1,156	17,056	0	0	0
11	0,0871	AVVLM71	LinStatic	1,156	17,056	0	0	0
11	0	SW2	LinStatic	-0,222	-12,165	0	0	0
11	0,0871	SW2	LinStatic	-0,222	-12,165	0	0	0
11	0	STSW2	LinStatic	-13,752	16,17	0	0	0
11	0,0871	STSW2	LinStatic	-13,752	16,17	0	0	0
11	0	FRENSW2	LinStatic	1,226	18,086	0	0	0
11	0,0871	FRENSW2	LinStatic	1,226	18,086	0	0	0
11	0	SERP	LinStatic	0	0	0	0	0
11	0,0871	SERP	LinStatic	0	0	0	0	0
11	0	INCRTER	LinStatic	-19,44	22,857	0	0	0
11	0,0871	INCRTER	LinStatic	-19,44	22,857	0	0	0
11	0	LM71SISO	LinStatic	0,414	6,107	0	0	0
11	0,0871	LM71SISO	LinStatic	0,414	6,107	0	0	0
11	0	SW2SISO	LinStatic	0,341	5,028	0	0	0
11	0,0871	SW2SISO	LinStatic	0,341	5,028	0	0	0
11	0	SISMAO	LinStatic	1,286	24,302	0	0	0
11	0,0871	SISMAO	LinStatic	1,286	24,302	0	0	0
11	0	LM71SVA	LinStatic	0,008027	0,439	0	0	0
11	0,0871	LM71SVA	LinStatic	0,008027	0,439	0	0	0
11	0	SW2SVA	LinStatic	0,006608	0,362	0	0	0
11	0,0871	SW2SVA	LinStatic	0,006608	0,362	0	0	0
11	0	SISMAVA	LinStatic	0,37	1,717	0	0	0
11	0,0871	SISMAVA	LinStatic	0,37	1,717	0	0	0
11	0	LM71SVB	LinStatic	-0,008027	-0,439	0	0	0
11	0,0871	LM71SVB	LinStatic	-0,008027	-0,439	0	0	0
11	0	SW2SVB	LinStatic	-0,006608	-0,362	0	0	0
11	0,0871	SW2SVB	LinStatic	-0,006608	-0,362	0	0	0
11	0	SISMAVB	LinStatic	-0,37	-1,717	0	0	0
11	0,0871	SISMAVB	LinStatic	-0,37	-1,717	0	0	0
12	0	PP	LinStatic	-2,346	-5,158	0	0	0
12	0,0871	PP	LinStatic	-2,346	-4,505	0	0	0
12	0	REINTSUP	LinStatic	-0,094	-6,937	0	0	0
12	0,0871	REINTSUP	LinStatic	-0,094	-6,937	0	0	0
12	0	BALLAST	LinStatic	-0,064	-4,712	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
12	0,0871	BALLAST	LinStatic	-0,064	-4,712	0	0	0
12	0	STERRASX	LinStatic	-21,016	22,39	0	0	0
12	0,0871	STERRASX	LinStatic	-21,016	22,39	0	0	0
12	0	STERRADX	LinStatic	-12,224	-14,667	0	0	0
12	0,0871	STERRADX	LinStatic	-12,224	-14,667	0	0	0
12	0	TERMP	LinStatic	1,106	-0,043	0	0	0
12	0,0871	TERMP	LinStatic	1,106	-0,043	0	0	0
12	0	TERMN	LinStatic	-3,319	0,129	0	0	0
12	0,0871	TERMN	LinStatic	-3,319	0,129	0	0	0
12	0	GRADTP	LinStatic	-4,358	4,328	0	0	0
12	0,0871	GRADTP	LinStatic	-4,358	4,328	0	0	0
12	0	GRADTN	LinStatic	4,358	-4,328	0	0	0
12	0,0871	GRADTN	LinStatic	4,358	-4,328	0	0	0
12	0	LM71C	LinStatic	-0,27	-19,92	0	0	0
12	0,0871	LM71C	LinStatic	-0,27	-19,92	0	0	0
12	0	LM71SX	LinStatic	0,153	-16,555	0	0	0
12	0,0871	LM71SX	LinStatic	0,153	-16,555	0	0	0
12	0	LM71DX	LinStatic	-0,423	-3,365	0	0	0
12	0,0871	LM71DX	LinStatic	-0,423	-3,365	0	0	0
12	0	STLM71	LinStatic	-15,289	20,874	0	0	0
12	0,0871	STLM71	LinStatic	-15,289	20,874	0	0	0
12	0	AVVLM71	LinStatic	2,012	18,578	0	0	0
12	0,0871	AVVLM71	LinStatic	2,012	18,578	0	0	0
12	0	SW2	LinStatic	-0,222	-16,406	0	0	0
12	0,0871	SW2	LinStatic	-0,222	-16,406	0	0	0
12	0	STSW2	LinStatic	-12,596	17,197	0	0	0
12	0,0871	STSW2	LinStatic	-12,596	17,197	0	0	0
12	0	FRENSW2	LinStatic	2,133	19,699	0	0	0
12	0,0871	FRENSW2	LinStatic	2,133	19,699	0	0	0
12	0	SERP	LinStatic	0	0	0	0	0
12	0,0871	SERP	LinStatic	0	0	0	0	0
12	0	INCRTER	LinStatic	-17,805	24,309	0	0	0
12	0,0871	INCRTER	LinStatic	-17,805	24,309	0	0	0
12	0	LM71SISO	LinStatic	0,72	6,652	0	0	0
12	0,0871	LM71SISO	LinStatic	0,72	6,652	0	0	0
12	0	SW2SISO	LinStatic	0,593	5,476	0	0	0
12	0,0871	SW2SISO	LinStatic	0,593	5,476	0	0	0
12	0	SISMAO	LinStatic	2,667	26,405	0	0	0
12	0,0871	SISMAO	LinStatic	2,667	26,405	0	0	0
12	0	LM71SVA	LinStatic	0,008027	0,592	0	0	0
12	0,0871	LM71SVA	LinStatic	0,008027	0,592	0	0	0
12	0	SW2SVA	LinStatic	0,006608	0,488	0	0	0
12	0,0871	SW2SVA	LinStatic	0,006608	0,488	0	0	0
12	0	SISMAVA	LinStatic	0,37	2,478	0	0	0
12	0,0871	SISMAVA	LinStatic	0,37	2,478	0	0	0
12	0	LM71SVB	LinStatic	-0,008027	-0,592	0	0	0
12	0,0871	LM71SVB	LinStatic	-0,008027	-0,592	0	0	0
12	0	SW2SVB	LinStatic	-0,006608	-0,488	0	0	0
12	0,0871	SW2SVB	LinStatic	-0,006608	-0,488	0	0	0
12	0	SISMAVB	LinStatic	-0,37	-2,478	0	0	0
12	0,0871	SISMAVB	LinStatic	-0,37	-2,478	0	0	0
13	0	PP	LinStatic	-2,346	-7,231	0	0	0
13	0,0871	PP	LinStatic	-2,346	-6,578	0	0	0
13	0	REINTSUP	LinStatic	-0,094	-8,73	0	0	0
13	0,0871	REINTSUP	LinStatic	-0,094	-8,73	0	0	0
13	0	BALLAST	LinStatic	-0,064	-5,93	0	0	0
13	0,0871	BALLAST	LinStatic	-0,064	-5,93	0	0	0
13	0	STERRASX	LinStatic	-19,356	23,479	0	0	0
13	0,0871	STERRASX	LinStatic	-19,356	23,479	0	0	0
13	0	STERRADX	LinStatic	-13,884	-15,756	0	0	0
13	0,0871	STERRADX	LinStatic	-13,884	-15,756	0	0	0
13	0	TERMP	LinStatic	1,106	-0,041	0	0	0
13	0,0871	TERMP	LinStatic	1,106	-0,041	0	0	0
13	0	TERMN	LinStatic	-3,319	0,124	0	0	0
13	0,0871	TERMN	LinStatic	-3,319	0,124	0	0	0
13	0	GRADTP	LinStatic	-4,358	4,33	0	0	0
13	0,0871	GRADTP	LinStatic	-4,358	4,33	0	0	0
13	0	GRADTN	LinStatic	4,358	-4,33	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
92 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
13	0,0871	GRADTN	LinStatic	4,358	-4,33	0	0	0
13	0	LM71C	LinStatic	-0,27	-25,07	0	0	0
13	0,0871	LM71C	LinStatic	-0,27	-25,07	0	0	0
13	0	LM71SX	LinStatic	0,153	-20,394	0	0	0
13	0,0871	LM71SX	LinStatic	0,153	-20,394	0	0	0
13	0	LM71DX	LinStatic	-0,423	-4,677	0	0	0
13	0,0871	LM71DX	LinStatic	-0,423	-4,677	0	0	0
13	0	STLM71	LinStatic	-13,885	21,929	0	0	0
13	0,0871	STLM71	LinStatic	-13,885	21,929	0	0	0
13	0	AVVLM71	LinStatic	2,868	19,866	0	0	0
13	0,0871	AVVLM71	LinStatic	2,868	19,866	0	0	0
13	0	SW2	LinStatic	-0,222	-20,648	0	0	0
13	0,0871	SW2	LinStatic	-0,222	-20,648	0	0	0
13	0	STSW2	LinStatic	-11,44	18,066	0	0	0
13	0,0871	STSW2	LinStatic	-11,44	18,066	0	0	0
13	0	FRENSW2	LinStatic	3,041	21,065	0	0	0
13	0,0871	FRENSW2	LinStatic	3,041	21,065	0	0	0
13	0	SERP	LinStatic	0	0	0	0	0
13	0,0871	SERP	LinStatic	0	0	0	0	0
13	0	INCRTER	LinStatic	-16,171	25,538	0	0	0
13	0,0871	INCRTER	LinStatic	-16,171	25,538	0	0	0
13	0	LM71SISO	LinStatic	1,027	7,113	0	0	0
13	0,0871	LM71SISO	LinStatic	1,027	7,113	0	0	0
13	0	SW2SISO	LinStatic	0,845	5,856	0	0	0
13	0,0871	SW2SISO	LinStatic	0,845	5,856	0	0	0
13	0	SISMAO	LinStatic	4,047	28,185	0	0	0
13	0,0871	SISMAO	LinStatic	4,047	28,185	0	0	0
13	0	LM71SVA	LinStatic	0,008027	0,745	0	0	0
13	0,0871	LM71SVA	LinStatic	0,008027	0,745	0	0	0
13	0	SW2SVA	LinStatic	0,006608	0,614	0	0	0
13	0,0871	SW2SVA	LinStatic	0,006608	0,614	0	0	0
13	0	SISMAVA	LinStatic	0,37	3,239	0	0	0
13	0,0871	SISMAVA	LinStatic	0,37	3,239	0	0	0
13	0	LM71SVB	LinStatic	-0,008027	-0,745	0	0	0
13	0,0871	LM71SVB	LinStatic	-0,008027	-0,745	0	0	0
13	0	SW2SVB	LinStatic	-0,006608	-0,614	0	0	0
13	0,0871	SW2SVB	LinStatic	-0,006608	-0,614	0	0	0
13	0	SISMAVB	LinStatic	-0,37	-3,239	0	0	0
13	0,0871	SISMAVB	LinStatic	-0,37	-3,239	0	0	0
14	0	PP	LinStatic	-2,346	-9,304	0	0	0
14	0,0871	PP	LinStatic	-2,346	-9,304	0	0	0
14	0	REINTSUP	LinStatic	-0,094	-10,524	0	0	0
14	0,0871	REINTSUP	LinStatic	-0,094	-10,524	0	0	0
14	0	BALLAST	LinStatic	-0,064	-7,148	0	0	0
14	0,0871	BALLAST	LinStatic	-0,064	-7,148	0	0	0
14	0	STERRASX	LinStatic	-17,696	24,37	0	0	0
14	0,0871	STERRASX	LinStatic	-17,696	24,37	0	0	0
14	0	STERRADX	LinStatic	-15,544	-16,646	0	0	0
14	0,0871	STERRADX	LinStatic	-15,544	-16,646	0	0	0
14	0	TERMP	LinStatic	1,106	-0,039	0	0	0
14	0,0871	TERMP	LinStatic	1,106	-0,039	0	0	0
14	0	TERMN	LinStatic	-3,319	0,117	0	0	0
14	0,0871	TERMN	LinStatic	-3,319	0,117	0	0	0
14	0	GRADTP	LinStatic	-4,358	4,333	0	0	0
14	0,0871	GRADTP	LinStatic	-4,358	4,333	0	0	0
14	0	GRADTN	LinStatic	4,358	-4,333	0	0	0
14	0,0871	GRADTN	LinStatic	4,358	-4,333	0	0	0
14	0	LM71C	LinStatic	-0,27	-30,222	0	0	0
14	0,0871	LM71C	LinStatic	-0,27	-30,222	0	0	0
14	0	LM71SX	LinStatic	0,153	-24,003	0	0	0
14	0,0871	LM71SX	LinStatic	0,153	-24,003	0	0	0
14	0	LM71DX	LinStatic	-0,423	-6,219	0	0	0
14	0,0871	LM71DX	LinStatic	-0,423	-6,219	0	0	0
14	0	STLM71	LinStatic	-12,482	22,793	0	0	0
14	0,0871	STLM71	LinStatic	-12,482	22,793	0	0	0
14	0	AVVLM71	LinStatic	3,723	20,92	0	0	0
14	0,0871	AVVLM71	LinStatic	3,723	20,92	0	0	0
14	0	SW2	LinStatic	-0,222	-24,891	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
93 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
14	0,0871	SW2	LinStatic	-0,222	-24,891	0	0	0
14	0	STSW2	LinStatic	-10,283	18,778	0	0	0
14	0,0871	STSW2	LinStatic	-10,283	18,778	0	0	0
14	0	FRENSW2	LinStatic	3,948	22,183	0	0	0
14	0,0871	FRENSW2	LinStatic	3,948	22,183	0	0	0
14	0	SERP	LinStatic	0	0	0	0	0
14	0,0871	SERP	LinStatic	0	0	0	0	0
14	0	INCRTER	LinStatic	-14,536	26,544	0	0	0
14	0,0871	INCRTER	LinStatic	-14,536	26,544	0	0	0
14	0	LM71SISO	LinStatic	1,333	7,491	0	0	0
14	0,0871	LM71SISO	LinStatic	1,333	7,491	0	0	0
14	0	SW2SISO	LinStatic	1,097	6,166	0	0	0
14	0,0871	SW2SISO	LinStatic	1,097	6,166	0	0	0
14	0	SISMAO	LinStatic	5,427	29,642	0	0	0
14	0,0871	SISMAO	LinStatic	5,427	29,642	0	0	0
14	0	LM71SVA	LinStatic	0,008027	0,899	0	0	0
14	0,0871	LM71SVA	LinStatic	0,008027	0,899	0	0	0
14	0	SW2SVA	LinStatic	0,006608	0,74	0	0	0
14	0,0871	SW2SVA	LinStatic	0,006608	0,74	0	0	0
14	0	SISMAVA	LinStatic	0,37	3,999	0	0	0
14	0,0871	SISMAVA	LinStatic	0,37	3,999	0	0	0
14	0	LM71SVB	LinStatic	-0,008027	-0,899	0	0	0
14	0,0871	LM71SVB	LinStatic	-0,008027	-0,899	0	0	0
14	0	SW2SVB	LinStatic	-0,006608	-0,74	0	0	0
14	0,0871	SW2SVB	LinStatic	-0,006608	-0,74	0	0	0
14	0	SISMAVB	LinStatic	-0,37	-3,999	0	0	0
14	0,0871	SISMAVB	LinStatic	-0,37	-3,999	0	0	0
15	0	PP	LinStatic	-2,346	-11,377	0	0	0
15	0,0871	PP	LinStatic	-2,346	-10,724	0	0	0
15	0	REINTSUP	LinStatic	-0,094	-12,319	0	0	0
15	0,0871	REINTSUP	LinStatic	-0,094	-12,319	0	0	0
15	0	BALLAST	LinStatic	-0,064	-8,367	0	0	0
15	0,0871	BALLAST	LinStatic	-0,064	-8,367	0	0	0
15	0	STERRASX	LinStatic	-16,035	25,063	0	0	0
15	0,0871	STERRASX	LinStatic	-16,035	25,063	0	0	0
15	0	STERRADX	LinStatic	-17,205	-17,339	0	0	0
15	0,0871	STERRADX	LinStatic	-17,205	-17,339	0	0	0
15	0	TERMP	LinStatic	1,106	-0,037	0	0	0
15	0,0871	TERMP	LinStatic	1,106	-0,037	0	0	0
15	0	TERMN	LinStatic	-3,319	0,11	0	0	0
15	0,0871	TERMN	LinStatic	-3,319	0,11	0	0	0
15	0	GRADTP	LinStatic	-4,358	4,336	0	0	0
15	0,0871	GRADTP	LinStatic	-4,358	4,336	0	0	0
15	0	GRADTN	LinStatic	4,358	-4,336	0	0	0
15	0,0871	GRADTN	LinStatic	4,358	-4,336	0	0	0
15	0	LM71C	LinStatic	-0,27	-35,375	0	0	0
15	0,0871	LM71C	LinStatic	-0,27	-35,375	0	0	0
15	0	LM71SX	LinStatic	0,153	-27,383	0	0	0
15	0,0871	LM71SX	LinStatic	0,153	-27,383	0	0	0
15	0	LM71DX	LinStatic	-0,423	-7,992	0	0	0
15	0,0871	LM71DX	LinStatic	-0,423	-7,992	0	0	0
15	0	STLM71	LinStatic	-11,078	23,465	0	0	0
15	0,0871	STLM71	LinStatic	-11,078	23,465	0	0	0
15	0	AVVLM71	LinStatic	4,579	21,74	0	0	0
15	0,0871	AVVLM71	LinStatic	4,579	21,74	0	0	0
15	0	SW2	LinStatic	-0,222	-29,135	0	0	0
15	0,0871	SW2	LinStatic	-0,222	-29,135	0	0	0
15	0	STSW2	LinStatic	-9,127	19,332	0	0	0
15	0,0871	STSW2	LinStatic	-9,127	19,332	0	0	0
15	0	FRENSW2	LinStatic	4,855	23,052	0	0	0
15	0,0871	FRENSW2	LinStatic	4,855	23,052	0	0	0
15	0	SERP	LinStatic	0	0	0	0	0
15	0,0871	SERP	LinStatic	0	0	0	0	0
15	0	INCRTER	LinStatic	-12,902	27,327	0	0	0
15	0,0871	INCRTER	LinStatic	-12,902	27,327	0	0	0
15	0	LM71SISO	LinStatic	1,64	7,784	0	0	0
15	0,0871	LM71SISO	LinStatic	1,64	7,784	0	0	0
15	0	SW2SISO	LinStatic	1,35	6,408	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
94 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
15	0,0871	SW2SISO	LinStatic	1,35	6,408	0	0	0
15	0	SISMAO	LinStatic	6,808	30,776	0	0	0
15	0,0871	SISMAO	LinStatic	6,808	30,776	0	0	0
15	0	LM71SVA	LinStatic	0,008027	1,052	0	0	0
15	0,0871	LM71SVA	LinStatic	0,008027	1,052	0	0	0
15	0	SW2SVA	LinStatic	0,006608	0,866	0	0	0
15	0,0871	SW2SVA	LinStatic	0,006608	0,866	0	0	0
15	0	SISMAVA	LinStatic	0,37	4,76	0	0	0
15	0,0871	SISMAVA	LinStatic	0,37	4,76	0	0	0
15	0	LM71SVB	LinStatic	-0,008027	-1,052	0	0	0
15	0,0871	LM71SVB	LinStatic	-0,008027	-1,052	0	0	0
15	0	SW2SVB	LinStatic	-0,006608	-0,866	0	0	0
15	0,0871	SW2SVB	LinStatic	-0,006608	-0,866	0	0	0
15	0	SISMAVB	LinStatic	-0,37	-4,76	0	0	0
15	0,0871	SISMAVB	LinStatic	-0,37	-4,76	0	0	0
16	0	PP	LinStatic	-2,346	-13,45	0	0	0
16	0,06774	PP	LinStatic	-2,346	-12,942	0	0	0
16	0	REINTSUP	LinStatic	-0,094	-14,114	0	0	0
16	0,06774	REINTSUP	LinStatic	-0,094	-14,114	0	0	0
16	0	BALLAST	LinStatic	-0,064	-9,587	0	0	0
16	0,06774	BALLAST	LinStatic	-0,064	-9,587	0	0	0
16	0	STERRASX	LinStatic	-14,375	25,559	0	0	0
16	0,06774	STERRASX	LinStatic	-14,375	25,559	0	0	0
16	0	STERRADX	LinStatic	-18,865	-17,834	0	0	0
16	0,06774	STERRADX	LinStatic	-18,865	-17,834	0	0	0
16	0	TERMP	LinStatic	1,106	-0,034	0	0	0
16	0,06774	TERMP	LinStatic	1,106	-0,034	0	0	0
16	0	TERMN	LinStatic	-3,319	0,103	0	0	0
16	0,06774	TERMN	LinStatic	-3,319	0,103	0	0	0
16	0	GRADTP	LinStatic	-4,358	4,339	0	0	0
16	0,06774	GRADTP	LinStatic	-4,358	4,339	0	0	0
16	0	GRADTN	LinStatic	4,358	-4,339	0	0	0
16	0,06774	GRADTN	LinStatic	4,358	-4,339	0	0	0
16	0	LM71C	LinStatic	-0,27	-40,53	0	0	0
16	0,06774	LM71C	LinStatic	-0,27	-40,53	0	0	0
16	0	LM71SX	LinStatic	0,153	-30,534	0	0	0
16	0,06774	LM71SX	LinStatic	0,153	-30,534	0	0	0
16	0	LM71DX	LinStatic	-0,423	-9,996	0	0	0
16	0,06774	LM71DX	LinStatic	-0,423	-9,996	0	0	0
16	0	STLM71	LinStatic	-9,675	23,946	0	0	0
16	0,06774	STLM71	LinStatic	-9,675	23,946	0	0	0
16	0	AVVLM71	LinStatic	5,435	22,327	0	0	0
16	0,06774	AVVLM71	LinStatic	5,435	22,327	0	0	0
16	0	SW2	LinStatic	-0,222	-33,38	0	0	0
16	0,06774	SW2	LinStatic	-0,222	-33,38	0	0	0
16	0	STSW2	LinStatic	-7,97	19,728	0	0	0
16	0,06774	STSW2	LinStatic	-7,97	19,728	0	0	0
16	0	FRENSW2	LinStatic	5,763	23,674	0	0	0
16	0,06774	FRENSW2	LinStatic	5,763	23,674	0	0	0
16	0	SERP	LinStatic	0	0	0	0	0
16	0,06774	SERP	LinStatic	0	0	0	0	0
16	0	INCRTER	LinStatic	-11,267	27,887	0	0	0
16	0,06774	INCRTER	LinStatic	-11,267	27,887	0	0	0
16	0	LM71SISO	LinStatic	1,946	7,994	0	0	0
16	0,06774	LM71SISO	LinStatic	1,946	7,994	0	0	0
16	0	SW2SISO	LinStatic	1,602	6,581	0	0	0
16	0,06774	SW2SISO	LinStatic	1,602	6,581	0	0	0
16	0	SISMAO	LinStatic	8,188	31,586	0	0	0
16	0,06774	SISMAO	LinStatic	8,188	31,586	0	0	0
16	0	LM71SVA	LinStatic	0,008027	1,205	0	0	0
16	0,06774	LM71SVA	LinStatic	0,008027	1,205	0	0	0
16	0	SW2SVA	LinStatic	0,006608	0,992	0	0	0
16	0,06774	SW2SVA	LinStatic	0,006608	0,992	0	0	0
16	0	SISMAVA	LinStatic	0,37	5,522	0	0	0
16	0,06774	SISMAVA	LinStatic	0,37	5,522	0	0	0
16	0	LM71SVB	LinStatic	-0,008027	-1,205	0	0	0
16	0,06774	LM71SVB	LinStatic	-0,008027	-1,205	0	0	0
16	0	SW2SVB	LinStatic	-0,006608	-0,992	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
16	0,06774	SW2SVB	LinStatic	-0,006608	-0,992	0	0	0
16	0	SISMAVB	LinStatic	-0,37	-5,522	0	0	0
16	0,06774	SISMAVB	LinStatic	-0,37	-5,522	0	0	0
17	0	PP	LinStatic	-2,346	-15,669	0	0	0
17	0,075	PP	LinStatic	-2,346	-15,107	0	0	0
17	0	REINTSUP	LinStatic	-0,094	-15,909	0	0	0
17	0,075	REINTSUP	LinStatic	-0,094	-15,909	0	0	0
17	0	BALLAST	LinStatic	-0,064	-10,806	0	0	0
17	0,075	BALLAST	LinStatic	-0,064	-10,806	0	0	0
17	0	STERRASX	LinStatic	-12,715	25,901	0	0	0
17	0,075	STERRASX	LinStatic	-12,715	25,901	0	0	0
17	0	STERRADX	LinStatic	-20,525	-18,174	0	0	0
17	0,075	STERRADX	LinStatic	-20,525	-18,174	0	0	0
17	0	TERMP	LinStatic	1,106	-0,032	0	0	0
17	0,075	TERMP	LinStatic	1,106	-0,032	0	0	0
17	0	TERMN	LinStatic	-3,319	0,095	0	0	0
17	0,075	TERMN	LinStatic	-3,319	0,095	0	0	0
17	0	GRADTP	LinStatic	-4,358	4,343	0	0	0
17	0,075	GRADTP	LinStatic	-4,358	4,343	0	0	0
17	0	GRADTN	LinStatic	4,358	-4,343	0	0	0
17	0,075	GRADTN	LinStatic	4,358	-4,343	0	0	0
17	0	LM71C	LinStatic	-0,27	-45,685	0	0	0
17	0,075	LM71C	LinStatic	-0,27	-45,685	0	0	0
17	0	LM71SX	LinStatic	0,153	-33,507	0	0	0
17	0,075	LM71SX	LinStatic	0,153	-33,507	0	0	0
17	0	LM71DX	LinStatic	-0,423	-12,178	0	0	0
17	0,075	LM71DX	LinStatic	-0,423	-12,178	0	0	0
17	0	STLM71	LinStatic	-8,271	24,278	0	0	0
17	0,075	STLM71	LinStatic	-8,271	24,278	0	0	0
17	0	AVVLM71	LinStatic	6,291	22,73	0	0	0
17	0,075	AVVLM71	LinStatic	6,291	22,73	0	0	0
17	0	SW2	LinStatic	-0,222	-37,626	0	0	0
17	0,075	SW2	LinStatic	-0,222	-37,626	0	0	0
17	0	STSW2	LinStatic	-6,814	20,001	0	0	0
17	0,075	STSW2	LinStatic	-6,814	20,001	0	0	0
17	0	FRENSW2	LinStatic	6,67	24,102	0	0	0
17	0,075	FRENSW2	LinStatic	6,67	24,102	0	0	0
17	0	SERP	LinStatic	0	0	0	0	0
17	0,075	SERP	LinStatic	0	0	0	0	0
17	0	INCRTER	LinStatic	-9,632	28,274	0	0	0
17	0,075	INCRTER	LinStatic	-9,632	28,274	0	0	0
17	0	LM71SISO	LinStatic	2,252	8,139	0	0	0
17	0,075	LM71SISO	LinStatic	2,252	8,139	0	0	0
17	0	SW2SISO	LinStatic	1,854	6,7	0	0	0
17	0,075	SW2SISO	LinStatic	1,854	6,7	0	0	0
17	0	SISMAO	LinStatic	9,568	32,145	0	0	0
17	0,075	SISMAO	LinStatic	9,568	32,145	0	0	0
17	0	LM71SVA	LinStatic	0,008027	1,358	0	0	0
17	0,075	LM71SVA	LinStatic	0,008027	1,358	0	0	0
17	0	SW2SVA	LinStatic	0,006608	1,118	0	0	0
17	0,075	SW2SVA	LinStatic	0,006608	1,118	0	0	0
17	0	SISMAVA	LinStatic	0,37	6,283	0	0	0
17	0,075	SISMAVA	LinStatic	0,37	6,283	0	0	0
17	0	LM71SVB	LinStatic	-0,008027	-1,358	0	0	0
17	0,075	LM71SVB	LinStatic	-0,008027	-1,358	0	0	0
17	0	SW2SVB	LinStatic	-0,006608	-1,118	0	0	0
17	0,075	SW2SVB	LinStatic	-0,006608	-1,118	0	0	0
17	0	SISMAVB	LinStatic	-0,37	-6,283	0	0	0
17	0,075	SISMAVB	LinStatic	-0,37	-6,283	0	0	0
18	0	PP	LinStatic	-2,346	-17,833	0	0	0
18	0,075	PP	LinStatic	-2,346	-17,271	0	0	0
18	0	REINTSUP	LinStatic	-0,094	-17,705	0	0	0
18	0,075	REINTSUP	LinStatic	-0,094	-17,705	0	0	0
18	0	BALLAST	LinStatic	-0,064	-12,026	0	0	0
18	0,075	BALLAST	LinStatic	-0,064	-12,026	0	0	0
18	0	STERRASX	LinStatic	-11,055	26,073	0	0	0
18	0,075	STERRASX	LinStatic	-11,055	26,073	0	0	0
18	0	STERRADX	LinStatic	-22,185	-18,344	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
96 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
18	0,075	STERRADX	LinStatic	-22,185	-18,344	0	0	0
18	0	TERMP	LinStatic	1,106	-0,029	0	0	0
18	0,075	TERMP	LinStatic	1,106	-0,029	0	0	0
18	0	TERMN	LinStatic	-3,319	0,087	0	0	0
18	0,075	TERMN	LinStatic	-3,319	0,087	0	0	0
18	0	GRADTP	LinStatic	-4,358	4,347	0	0	0
18	0,075	GRADTP	LinStatic	-4,358	4,347	0	0	0
18	0	GRADTN	LinStatic	4,358	-4,347	0	0	0
18	0,075	GRADTN	LinStatic	4,358	-4,347	0	0	0
18	0	LM71C	LinStatic	-0,27	-50,842	0	0	0
18	0,075	LM71C	LinStatic	-0,27	-50,842	0	0	0
18	0	LM71SX	LinStatic	0,153	-36,283	0	0	0
18	0,075	LM71SX	LinStatic	0,153	-36,283	0	0	0
18	0	LM71DX	LinStatic	-0,423	-14,559	0	0	0
18	0,075	LM71DX	LinStatic	-0,423	-14,559	0	0	0
18	0	STLM71	LinStatic	-6,867	24,444	0	0	0
18	0,075	STLM71	LinStatic	-6,867	24,444	0	0	0
18	0	AVVLM71	LinStatic	7,146	22,933	0	0	0
18	0,075	AVVLM71	LinStatic	7,146	22,933	0	0	0
18	0	SW2	LinStatic	-0,222	-41,873	0	0	0
18	0,075	SW2	LinStatic	-0,222	-41,873	0	0	0
18	0	STSW2	LinStatic	-5,658	20,139	0	0	0
18	0,075	STSW2	LinStatic	-5,658	20,139	0	0	0
18	0	FRENSW2	LinStatic	7,577	24,316	0	0	0
18	0,075	FRENSW2	LinStatic	7,577	24,316	0	0	0
18	0	SERP	LinStatic	0	0	0	0	0
18	0,075	SERP	LinStatic	0	0	0	0	0
18	0	INCRTER	LinStatic	-7,998	28,467	0	0	0
18	0,075	INCRTER	LinStatic	-7,998	28,467	0	0	0
18	0	LM71SISO	LinStatic	2,559	8,211	0	0	0
18	0,075	LM71SISO	LinStatic	2,559	8,211	0	0	0
18	0	SW2SISO	LinStatic	2,106	6,76	0	0	0
18	0,075	SW2SISO	LinStatic	2,106	6,76	0	0	0
18	0	SISMAO	LinStatic	10,949	32,424	0	0	0
18	0,075	SISMAO	LinStatic	10,949	32,424	0	0	0
18	0	LM71SVA	LinStatic	0,008027	1,512	0	0	0
18	0,075	LM71SVA	LinStatic	0,008027	1,512	0	0	0
18	0	SW2SVA	LinStatic	0,006608	1,244	0	0	0
18	0,075	SW2SVA	LinStatic	0,006608	1,244	0	0	0
18	0	SISMAVA	LinStatic	0,37	7,044	0	0	0
18	0,075	SISMAVA	LinStatic	0,37	7,044	0	0	0
18	0	LM71SVB	LinStatic	-0,008027	-1,512	0	0	0
18	0,075	LM71SVB	LinStatic	-0,008027	-1,512	0	0	0
18	0	SW2SVB	LinStatic	-0,006608	-1,244	0	0	0
18	0,075	SW2SVB	LinStatic	-0,006608	-1,244	0	0	0
18	0	SISMAVB	LinStatic	-0,37	-7,044	0	0	0
18	0,075	SISMAVB	LinStatic	-0,37	-7,044	0	0	0
19	0	PP	LinStatic	-2,346	17,271	0	0	0
19	0,075	PP	LinStatic	-2,346	17,833	0	0	0
19	0	REINTSUP	LinStatic	-0,094	17,705	0	0	0
19	0,075	REINTSUP	LinStatic	-0,094	17,705	0	0	0
19	0	BALLAST	LinStatic	-0,064	12,026	0	0	0
19	0,075	BALLAST	LinStatic	-0,064	12,026	0	0	0
19	0	STERRASX	LinStatic	-22,185	18,344	0	0	0
19	0,075	STERRASX	LinStatic	-22,185	18,344	0	0	0
19	0	STERRADX	LinStatic	-11,055	-26,073	0	0	0
19	0,075	STERRADX	LinStatic	-11,055	-26,073	0	0	0
19	0	TERMP	LinStatic	1,106	0,029	0	0	0
19	0,075	TERMP	LinStatic	1,106	0,029	0	0	0
19	0	TERMN	LinStatic	-3,319	-0,087	0	0	0
19	0,075	TERMN	LinStatic	-3,319	-0,087	0	0	0
19	0	GRADTP	LinStatic	-4,358	-4,347	0	0	0
19	0,075	GRADTP	LinStatic	-4,358	-4,347	0	0	0
19	0	GRADTN	LinStatic	4,358	4,347	0	0	0
19	0,075	GRADTN	LinStatic	4,358	4,347	0	0	0
19	0	LM71C	LinStatic	-0,27	50,842	0	0	0
19	0,075	LM71C	LinStatic	-0,27	50,842	0	0	0
19	0	LM71SX	LinStatic	-0,423	14,559	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
97 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
19	0,075	LM71SX	LinStatic	-0,423	14,559	0	0	0
19	0	LM71DX	LinStatic	0,153	36,283	0	0	0
19	0,075	LM71DX	LinStatic	0,153	36,283	0	0	0
19	0	STLM71	LinStatic	-17,947	17,913	0	0	0
19	0,075	STLM71	LinStatic	-17,947	17,913	0	0	0
19	0	AVVLM71	LinStatic	-7,146	22,933	0	0	0
19	0,075	AVVLM71	LinStatic	-7,146	22,933	0	0	0
19	0	SW2	LinStatic	-0,222	41,873	0	0	0
19	0,075	SW2	LinStatic	-0,222	41,873	0	0	0
19	0	STSW2	LinStatic	-14,786	14,758	0	0	0
19	0,075	STSW2	LinStatic	-14,786	14,758	0	0	0
19	0	FRENSW2	LinStatic	-7,577	24,316	0	0	0
19	0,075	FRENSW2	LinStatic	-7,577	24,316	0	0	0
19	0	SERP	LinStatic	0	0	0	0	0
19	0,075	SERP	LinStatic	0	0	0	0	0
19	0	INCRTER	LinStatic	-20,901	20,861	0	0	0
19	0,075	INCRTER	LinStatic	-20,901	20,861	0	0	0
19	0	LM71SISO	LinStatic	-2,559	8,211	0	0	0
19	0,075	LM71SISO	LinStatic	-2,559	8,211	0	0	0
19	0	SW2SISO	LinStatic	-2,106	6,76	0	0	0
19	0,075	SW2SISO	LinStatic	-2,106	6,76	0	0	0
19	0	SISMAO	LinStatic	-10,949	32,424	0	0	0
19	0,075	SISMAO	LinStatic	-10,949	32,424	0	0	0
19	0	LM71SVA	LinStatic	0,008027	-1,512	0	0	0
19	0,075	LM71SVA	LinStatic	0,008027	-1,512	0	0	0
19	0	SW2SVA	LinStatic	0,006608	-1,244	0	0	0
19	0,075	SW2SVA	LinStatic	0,006608	-1,244	0	0	0
19	0	SISMAVA	LinStatic	0,37	-7,044	0	0	0
19	0,075	SISMAVA	LinStatic	0,37	-7,044	0	0	0
19	0	LM71SVB	LinStatic	-0,008027	1,512	0	0	0
19	0,075	LM71SVB	LinStatic	-0,008027	1,512	0	0	0
19	0	SW2SVB	LinStatic	-0,006608	1,244	0	0	0
19	0,075	SW2SVB	LinStatic	-0,006608	1,244	0	0	0
19	0	SISMAVB	LinStatic	-0,37	7,044	0	0	0
19	0,075	SISMAVB	LinStatic	-0,37	7,044	0	0	0
20	0	PP	LinStatic	-2,346	15,107	0	0	0
20	0,075	PP	LinStatic	-2,346	15,669	0	0	0
20	0	REINTSUP	LinStatic	-0,094	15,909	0	0	0
20	0,075	REINTSUP	LinStatic	-0,094	15,909	0	0	0
20	0	BALLAST	LinStatic	-0,064	10,806	0	0	0
20	0,075	BALLAST	LinStatic	-0,064	10,806	0	0	0
20	0	STERRASX	LinStatic	-20,525	18,174	0	0	0
20	0,075	STERRASX	LinStatic	-20,525	18,174	0	0	0
20	0	STERRADX	LinStatic	-12,715	-25,901	0	0	0
20	0,075	STERRADX	LinStatic	-12,715	-25,901	0	0	0
20	0	TERMP	LinStatic	1,106	0,032	0	0	0
20	0,075	TERMP	LinStatic	1,106	0,032	0	0	0
20	0	TERMN	LinStatic	-3,319	-0,095	0	0	0
20	0,075	TERMN	LinStatic	-3,319	-0,095	0	0	0
20	0	GRADTP	LinStatic	-4,358	-4,343	0	0	0
20	0,075	GRADTP	LinStatic	-4,358	-4,343	0	0	0
20	0	GRADTN	LinStatic	4,358	4,343	0	0	0
20	0,075	GRADTN	LinStatic	4,358	4,343	0	0	0
20	0	LM71C	LinStatic	-0,27	45,685	0	0	0
20	0,075	LM71C	LinStatic	-0,27	45,685	0	0	0
20	0	LM71SX	LinStatic	-0,423	12,178	0	0	0
20	0,075	LM71SX	LinStatic	-0,423	12,178	0	0	0
20	0	LM71DX	LinStatic	0,153	33,507	0	0	0
20	0,075	LM71DX	LinStatic	0,153	33,507	0	0	0
20	0	STLM71	LinStatic	-16,543	17,748	0	0	0
20	0,075	STLM71	LinStatic	-16,543	17,748	0	0	0
20	0	AVVLM71	LinStatic	-6,291	22,73	0	0	0
20	0,075	AVVLM71	LinStatic	-6,291	22,73	0	0	0
20	0	SW2	LinStatic	-0,222	37,626	0	0	0
20	0,075	SW2	LinStatic	-0,222	37,626	0	0	0
20	0	STSW2	LinStatic	-13,629	14,622	0	0	0
20	0,075	STSW2	LinStatic	-13,629	14,622	0	0	0
20	0	FRENSW2	LinStatic	-6,67	24,102	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
20	0,075	FRENSW2	LinStatic	-6,67	24,102	0	0	0
20	0	SERP	LinStatic	0	0	0	0	0
20	0,075	SERP	LinStatic	0	0	0	0	0
20	0	INCRTER	LinStatic	-19,266	20,669	0	0	0
20	0,075	INCRTER	LinStatic	-19,266	20,669	0	0	0
20	0	LM71SISO	LinStatic	-2,252	8,139	0	0	0
20	0,075	LM71SISO	LinStatic	-2,252	8,139	0	0	0
20	0	SW2SISO	LinStatic	-1,854	6,7	0	0	0
20	0,075	SW2SISO	LinStatic	-1,854	6,7	0	0	0
20	0	SISMAO	LinStatic	-9,568	32,145	0	0	0
20	0,075	SISMAO	LinStatic	-9,568	32,145	0	0	0
20	0	LM71SVA	LinStatic	0,008027	-1,358	0	0	0
20	0,075	LM71SVA	LinStatic	0,008027	-1,358	0	0	0
20	0	SW2SVA	LinStatic	0,006608	-1,118	0	0	0
20	0,075	SW2SVA	LinStatic	0,006608	-1,118	0	0	0
20	0	SISMAVA	LinStatic	0,37	-6,283	0	0	0
20	0,075	SISMAVA	LinStatic	0,37	-6,283	0	0	0
20	0	LM71SVB	LinStatic	-0,008027	1,358	0	0	0
20	0,075	LM71SVB	LinStatic	-0,008027	1,358	0	0	0
20	0	SW2SVB	LinStatic	-0,006608	1,118	0	0	0
20	0,075	SW2SVB	LinStatic	-0,006608	1,118	0	0	0
20	0	SISMAVB	LinStatic	-0,37	6,283	0	0	0
20	0,075	SISMAVB	LinStatic	-0,37	6,283	0	0	0
21	0	PP	LinStatic	-2,346	12,942	0	0	0
21	0,06774	PP	LinStatic	-2,346	13,45	0	0	0
21	0	REINTSUP	LinStatic	-0,094	14,114	0	0	0
21	0,06774	REINTSUP	LinStatic	-0,094	14,114	0	0	0
21	0	BALLAST	LinStatic	-0,064	9,587	0	0	0
21	0,06774	BALLAST	LinStatic	-0,064	9,587	0	0	0
21	0	STERRASX	LinStatic	-18,865	17,834	0	0	0
21	0,06774	STERRASX	LinStatic	-18,865	17,834	0	0	0
21	0	STERRADX	LinStatic	-14,375	-25,559	0	0	0
21	0,06774	STERRADX	LinStatic	-14,375	-25,559	0	0	0
21	0	TERMP	LinStatic	1,106	0,034	0	0	0
21	0,06774	TERMP	LinStatic	1,106	0,034	0	0	0
21	0	TERMN	LinStatic	-3,319	-0,103	0	0	0
21	0,06774	TERMN	LinStatic	-3,319	-0,103	0	0	0
21	0	GRADTP	LinStatic	-4,358	-4,339	0	0	0
21	0,06774	GRADTP	LinStatic	-4,358	-4,339	0	0	0
21	0	GRADTN	LinStatic	4,358	4,339	0	0	0
21	0,06774	GRADTN	LinStatic	4,358	4,339	0	0	0
21	0	LM71C	LinStatic	-0,27	40,53	0	0	0
21	0,06774	LM71C	LinStatic	-0,27	40,53	0	0	0
21	0	LM71SX	LinStatic	-0,423	9,996	0	0	0
21	0,06774	LM71SX	LinStatic	-0,423	9,996	0	0	0
21	0	LM71DX	LinStatic	0,153	30,534	0	0	0
21	0,06774	LM71DX	LinStatic	0,153	30,534	0	0	0
21	0	STLM71	LinStatic	-15,14	17,418	0	0	0
21	0,06774	STLM71	LinStatic	-15,14	17,418	0	0	0
21	0	AVVLM71	LinStatic	-5,435	22,327	0	0	0
21	0,06774	AVVLM71	LinStatic	-5,435	22,327	0	0	0
21	0	SW2	LinStatic	-0,222	33,38	0	0	0
21	0,06774	SW2	LinStatic	-0,222	33,38	0	0	0
21	0	STSW2	LinStatic	-12,473	14,35	0	0	0
21	0,06774	STSW2	LinStatic	-12,473	14,35	0	0	0
21	0	FRENSW2	LinStatic	-5,763	23,674	0	0	0
21	0,06774	FRENSW2	LinStatic	-5,763	23,674	0	0	0
21	0	SERP	LinStatic	0	0	0	0	0
21	0,06774	SERP	LinStatic	0	0	0	0	0
21	0	INCRTER	LinStatic	-17,632	20,285	0	0	0
21	0,06774	INCRTER	LinStatic	-17,632	20,285	0	0	0
21	0	LM71SISO	LinStatic	-1,946	7,994	0	0	0
21	0,06774	LM71SISO	LinStatic	-1,946	7,994	0	0	0
21	0	SW2SISO	LinStatic	-1,602	6,581	0	0	0
21	0,06774	SW2SISO	LinStatic	-1,602	6,581	0	0	0
21	0	SISMAO	LinStatic	-8,188	31,586	0	0	0
21	0,06774	SISMAO	LinStatic	-8,188	31,586	0	0	0
21	0	LM71SVA	LinStatic	0,008027	-1,205	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
21	0,06774	LM71SVA	LinStatic	0,008027	-1,205	0	0	0
21	0	SW2SVA	LinStatic	0,006608	-0,992	0	0	0
21	0,06774	SW2SVA	LinStatic	0,006608	-0,992	0	0	0
21	0	SISMAVA	LinStatic	0,37	-5,522	0	0	0
21	0,06774	SISMAVA	LinStatic	0,37	-5,522	0	0	0
21	0	LM71SVB	LinStatic	-0,008027	1,205	0	0	0
21	0,06774	LM71SVB	LinStatic	-0,008027	1,205	0	0	0
21	0	SW2SVB	LinStatic	-0,006608	0,992	0	0	0
21	0,06774	SW2SVB	LinStatic	-0,006608	0,992	0	0	0
21	0	SISMAVB	LinStatic	-0,37	5,522	0	0	0
21	0,06774	SISMAVB	LinStatic	-0,37	5,522	0	0	0
22	0	PP	LinStatic	-2,346	10,724	0	0	0
22	0,0871	PP	LinStatic	-2,346	11,377	0	0	0
22	0	REINTSUP	LinStatic	-0,094	12,319	0	0	0
22	0,0871	REINTSUP	LinStatic	-0,094	12,319	0	0	0
22	0	BALLAST	LinStatic	-0,064	8,367	0	0	0
22	0,0871	BALLAST	LinStatic	-0,064	8,367	0	0	0
22	0	STERRASX	LinStatic	-17,205	17,339	0	0	0
22	0,0871	STERRASX	LinStatic	-17,205	17,339	0	0	0
22	0	STERRADX	LinStatic	-16,035	-25,063	0	0	0
22	0,0871	STERRADX	LinStatic	-16,035	-25,063	0	0	0
22	0	TERMP	LinStatic	1,106	0,037	0	0	0
22	0,0871	TERMP	LinStatic	1,106	0,037	0	0	0
22	0	TERMN	LinStatic	-3,319	-0,11	0	0	0
22	0,0871	TERMN	LinStatic	-3,319	-0,11	0	0	0
22	0	GRADTP	LinStatic	-4,358	-4,336	0	0	0
22	0,0871	GRADTP	LinStatic	-4,358	-4,336	0	0	0
22	0	GRADTN	LinStatic	4,358	4,336	0	0	0
22	0,0871	GRADTN	LinStatic	4,358	4,336	0	0	0
22	0	LM71C	LinStatic	-0,27	35,375	0	0	0
22	0,0871	LM71C	LinStatic	-0,27	35,375	0	0	0
22	0	LM71SX	LinStatic	-0,423	7,992	0	0	0
22	0,0871	LM71SX	LinStatic	-0,423	7,992	0	0	0
22	0	LM71DX	LinStatic	0,153	27,383	0	0	0
22	0,0871	LM71DX	LinStatic	0,153	27,383	0	0	0
22	0	STLM71	LinStatic	-13,736	16,939	0	0	0
22	0,0871	STLM71	LinStatic	-13,736	16,939	0	0	0
22	0	AVVLM71	LinStatic	-4,579	21,74	0	0	0
22	0,0871	AVVLM71	LinStatic	-4,579	21,74	0	0	0
22	0	SW2	LinStatic	-0,222	29,135	0	0	0
22	0,0871	SW2	LinStatic	-0,222	29,135	0	0	0
22	0	STSW2	LinStatic	-11,317	13,955	0	0	0
22	0,0871	STSW2	LinStatic	-11,317	13,955	0	0	0
22	0	FRENSW2	LinStatic	-4,855	23,052	0	0	0
22	0,0871	FRENSW2	LinStatic	-4,855	23,052	0	0	0
22	0	SERP	LinStatic	0	0	0	0	0
22	0,0871	SERP	LinStatic	0	0	0	0	0
22	0	INCRTER	LinStatic	-15,997	19,726	0	0	0
22	0,0871	INCRTER	LinStatic	-15,997	19,726	0	0	0
22	0	LM71SISO	LinStatic	-1,64	7,784	0	0	0
22	0,0871	LM71SISO	LinStatic	-1,64	7,784	0	0	0
22	0	SW2SISO	LinStatic	-1,35	6,408	0	0	0
22	0,0871	SW2SISO	LinStatic	-1,35	6,408	0	0	0
22	0	SISMAO	LinStatic	-6,808	30,776	0	0	0
22	0,0871	SISMAO	LinStatic	-6,808	30,776	0	0	0
22	0	LM71SVA	LinStatic	0,008027	-1,052	0	0	0
22	0,0871	LM71SVA	LinStatic	0,008027	-1,052	0	0	0
22	0	SW2SVA	LinStatic	0,006608	-0,866	0	0	0
22	0,0871	SW2SVA	LinStatic	0,006608	-0,866	0	0	0
22	0	SISMAVA	LinStatic	0,37	-4,76	0	0	0
22	0,0871	SISMAVA	LinStatic	0,37	-4,76	0	0	0
22	0	LM71SVB	LinStatic	-0,008027	1,052	0	0	0
22	0,0871	LM71SVB	LinStatic	-0,008027	1,052	0	0	0
22	0	SW2SVB	LinStatic	-0,006608	0,866	0	0	0
22	0,0871	SW2SVB	LinStatic	-0,006608	0,866	0	0	0
22	0	SISMAVB	LinStatic	-0,37	4,76	0	0	0
22	0,0871	SISMAVB	LinStatic	-0,37	4,76	0	0	0
23	0	PP	LinStatic	-2,346	8,651	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
100 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
23	0,0871	PP	LinStatic	-2,346	9,304	0	0	0
23	0	REINTSUP	LinStatic	-0,094	10,524	0	0	0
23	0,0871	REINTSUP	LinStatic	-0,094	10,524	0	0	0
23	0	BALLAST	LinStatic	-0,064	7,148	0	0	0
23	0,0871	BALLAST	LinStatic	-0,064	7,148	0	0	0
23	0	STERRASX	LinStatic	-15,544	16,646	0	0	0
23	0,0871	STERRASX	LinStatic	-15,544	16,646	0	0	0
23	0	STERRADX	LinStatic	-17,696	-24,37	0	0	0
23	0,0871	STERRADX	LinStatic	-17,696	-24,37	0	0	0
23	0	TERMP	LinStatic	1,106	0,039	0	0	0
23	0,0871	TERMP	LinStatic	1,106	0,039	0	0	0
23	0	TERMN	LinStatic	-3,319	-0,117	0	0	0
23	0,0871	TERMN	LinStatic	-3,319	-0,117	0	0	0
23	0	GRADTP	LinStatic	-4,358	-4,333	0	0	0
23	0,0871	GRADTP	LinStatic	-4,358	-4,333	0	0	0
23	0	GRADTN	LinStatic	4,358	4,333	0	0	0
23	0,0871	GRADTN	LinStatic	4,358	4,333	0	0	0
23	0	LM71C	LinStatic	-0,27	30,222	0	0	0
23	0,0871	LM71C	LinStatic	-0,27	30,222	0	0	0
23	0	LM71SX	LinStatic	-0,423	6,219	0	0	0
23	0,0871	LM71SX	LinStatic	-0,423	6,219	0	0	0
23	0	LM71DX	LinStatic	0,153	24,003	0	0	0
23	0,0871	LM71DX	LinStatic	0,153	24,003	0	0	0
23	0	STLM71	LinStatic	-12,333	16,267	0	0	0
23	0,0871	STLM71	LinStatic	-12,333	16,267	0	0	0
23	0	AVVLM71	LinStatic	-3,723	20,92	0	0	0
23	0,0871	AVVLM71	LinStatic	-3,723	20,92	0	0	0
23	0	SW2	LinStatic	-0,222	24,891	0	0	0
23	0,0871	SW2	LinStatic	-0,222	24,891	0	0	0
23	0	STSW2	LinStatic	-10,16	13,402	0	0	0
23	0,0871	STSW2	LinStatic	-10,16	13,402	0	0	0
23	0	FRENSW2	LinStatic	-3,948	22,183	0	0	0
23	0,0871	FRENSW2	LinStatic	-3,948	22,183	0	0	0
23	0	SERP	LinStatic	0	0	0	0	0
23	0,0871	SERP	LinStatic	0	0	0	0	0
23	0	INCRTER	LinStatic	-14,363	18,944	0	0	0
23	0,0871	INCRTER	LinStatic	-14,363	18,944	0	0	0
23	0	LM71SISO	LinStatic	-1,333	7,491	0	0	0
23	0,0871	LM71SISO	LinStatic	-1,333	7,491	0	0	0
23	0	SW2SISO	LinStatic	-1,097	6,166	0	0	0
23	0,0871	SW2SISO	LinStatic	-1,097	6,166	0	0	0
23	0	SISMAO	LinStatic	-5,427	29,642	0	0	0
23	0,0871	SISMAO	LinStatic	-5,427	29,642	0	0	0
23	0	LM71SVA	LinStatic	0,008027	-0,899	0	0	0
23	0,0871	LM71SVA	LinStatic	0,008027	-0,899	0	0	0
23	0	SW2SVA	LinStatic	0,006608	-0,74	0	0	0
23	0,0871	SW2SVA	LinStatic	0,006608	-0,74	0	0	0
23	0	SISMAVA	LinStatic	0,37	-3,999	0	0	0
23	0,0871	SISMAVA	LinStatic	0,37	-3,999	0	0	0
23	0	LM71SVB	LinStatic	-0,008027	0,899	0	0	0
23	0,0871	LM71SVB	LinStatic	-0,008027	0,899	0	0	0
23	0	SW2SVB	LinStatic	-0,006608	0,74	0	0	0
23	0,0871	SW2SVB	LinStatic	-0,006608	0,74	0	0	0
23	0	SISMAVB	LinStatic	-0,37	3,999	0	0	0
23	0,0871	SISMAVB	LinStatic	-0,37	3,999	0	0	0
24	0	PP	LinStatic	-2,346	6,578	0	0	0
24	0,0871	PP	LinStatic	-2,346	6,578	0	0	0
24	0	REINTSUP	LinStatic	-0,094	8,73	0	0	0
24	0,0871	REINTSUP	LinStatic	-0,094	8,73	0	0	0
24	0	BALLAST	LinStatic	-0,064	5,93	0	0	0
24	0,0871	BALLAST	LinStatic	-0,064	5,93	0	0	0
24	0	STERRASX	LinStatic	-13,884	15,756	0	0	0
24	0,0871	STERRASX	LinStatic	-13,884	15,756	0	0	0
24	0	STERRADX	LinStatic	-19,356	-23,479	0	0	0
24	0,0871	STERRADX	LinStatic	-19,356	-23,479	0	0	0
24	0	TERMP	LinStatic	1,106	0,041	0	0	0
24	0,0871	TERMP	LinStatic	1,106	0,041	0	0	0
24	0	TERMN	LinStatic	-3,319	-0,124	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
101 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
24	0,0871	TERMN	LinStatic	-3,319	-0,124	0	0	0
24	0	GRADTP	LinStatic	-4,358	-4,33	0	0	0
24	0,0871	GRADTP	LinStatic	-4,358	-4,33	0	0	0
24	0	GRADTN	LinStatic	4,358	4,33	0	0	0
24	0,0871	GRADTN	LinStatic	4,358	4,33	0	0	0
24	0	LM71C	LinStatic	-0,27	25,07	0	0	0
24	0,0871	LM71C	LinStatic	-0,27	25,07	0	0	0
24	0	LM71SX	LinStatic	-0,423	4,677	0	0	0
24	0,0871	LM71SX	LinStatic	-0,423	4,677	0	0	0
24	0	LM71DX	LinStatic	0,153	20,394	0	0	0
24	0,0871	LM71DX	LinStatic	0,153	20,394	0	0	0
24	0	STLM71	LinStatic	-10,929	15,404	0	0	0
24	0,0871	STLM71	LinStatic	-10,929	15,404	0	0	0
24	0	AVVLM71	LinStatic	-2,868	19,866	0	0	0
24	0,0871	AVVLM71	LinStatic	-2,868	19,866	0	0	0
24	0	SW2	LinStatic	-0,222	20,648	0	0	0
24	0,0871	SW2	LinStatic	-0,222	20,648	0	0	0
24	0	STSW2	LinStatic	-9,004	12,69	0	0	0
24	0,0871	STSW2	LinStatic	-9,004	12,69	0	0	0
24	0	FRENSW2	LinStatic	-3,041	21,065	0	0	0
24	0,0871	FRENSW2	LinStatic	-3,041	21,065	0	0	0
24	0	SERP	LinStatic	0	0	0	0	0
24	0,0871	SERP	LinStatic	0	0	0	0	0
24	0	INCRTER	LinStatic	-12,728	17,939	0	0	0
24	0,0871	INCRTER	LinStatic	-12,728	17,939	0	0	0
24	0	LM71SISO	LinStatic	-1,027	7,113	0	0	0
24	0,0871	LM71SISO	LinStatic	-1,027	7,113	0	0	0
24	0	SW2SISO	LinStatic	-0,845	5,856	0	0	0
24	0,0871	SW2SISO	LinStatic	-0,845	5,856	0	0	0
24	0	SISMAO	LinStatic	-4,047	28,185	0	0	0
24	0,0871	SISMAO	LinStatic	-4,047	28,185	0	0	0
24	0	LM71SVA	LinStatic	0,008027	-0,745	0	0	0
24	0,0871	LM71SVA	LinStatic	0,008027	-0,745	0	0	0
24	0	SW2SVA	LinStatic	0,006608	-0,614	0	0	0
24	0,0871	SW2SVA	LinStatic	0,006608	-0,614	0	0	0
24	0	SISMAVA	LinStatic	0,37	-3,239	0	0	0
24	0,0871	SISMAVA	LinStatic	0,37	-3,239	0	0	0
24	0	LM71SVB	LinStatic	-0,008027	0,745	0	0	0
24	0,0871	LM71SVB	LinStatic	-0,008027	0,745	0	0	0
24	0	SW2SVB	LinStatic	-0,006608	0,614	0	0	0
24	0,0871	SW2SVB	LinStatic	-0,006608	0,614	0	0	0
24	0	SISMAVB	LinStatic	-0,37	3,239	0	0	0
24	0,0871	SISMAVB	LinStatic	-0,37	3,239	0	0	0
25	0	PP	LinStatic	-2,346	4,505	0	0	0
25	0,0871	PP	LinStatic	-2,346	4,505	0	0	0
25	0	REINTSUP	LinStatic	-0,094	6,937	0	0	0
25	0,0871	REINTSUP	LinStatic	-0,094	6,937	0	0	0
25	0	BALLAST	LinStatic	-0,064	4,712	0	0	0
25	0,0871	BALLAST	LinStatic	-0,064	4,712	0	0	0
25	0	STERRASX	LinStatic	-12,224	14,667	0	0	0
25	0,0871	STERRASX	LinStatic	-12,224	14,667	0	0	0
25	0	STERRADX	LinStatic	-21,016	-22,39	0	0	0
25	0,0871	STERRADX	LinStatic	-21,016	-22,39	0	0	0
25	0	TERMP	LinStatic	1,106	0,043	0	0	0
25	0,0871	TERMP	LinStatic	1,106	0,043	0	0	0
25	0	TERMN	LinStatic	-3,319	-0,129	0	0	0
25	0,0871	TERMN	LinStatic	-3,319	-0,129	0	0	0
25	0	GRADTP	LinStatic	-4,358	-4,328	0	0	0
25	0,0871	GRADTP	LinStatic	-4,358	-4,328	0	0	0
25	0	GRADTN	LinStatic	4,358	4,328	0	0	0
25	0,0871	GRADTN	LinStatic	4,358	4,328	0	0	0
25	0	LM71C	LinStatic	-0,27	19,92	0	0	0
25	0,0871	LM71C	LinStatic	-0,27	19,92	0	0	0
25	0	LM71SX	LinStatic	-0,423	3,365	0	0	0
25	0,0871	LM71SX	LinStatic	-0,423	3,365	0	0	0
25	0	LM71DX	LinStatic	0,153	16,555	0	0	0
25	0,0871	LM71DX	LinStatic	0,153	16,555	0	0	0
25	0	STLM71	LinStatic	-9,526	14,349	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
25	0,0871	STLM71	LinStatic	-9,526	14,349	0	0	0
25	0	AVVLM71	LinStatic	-2,012	18,578	0	0	0
25	0,0871	AVVLM71	LinStatic	-2,012	18,578	0	0	0
25	0	SW2	LinStatic	-0,222	16,406	0	0	0
25	0,0871	SW2	LinStatic	-0,222	16,406	0	0	0
25	0	STSW2	LinStatic	-7,848	11,821	0	0	0
25	0,0871	STSW2	LinStatic	-7,848	11,821	0	0	0
25	0	FRENSW2	LinStatic	-2,133	19,699	0	0	0
25	0,0871	FRENSW2	LinStatic	-2,133	19,699	0	0	0
25	0	SERP	LinStatic	0	0	0	0	0
25	0,0871	SERP	LinStatic	0	0	0	0	0
25	0	INCRTER	LinStatic	-11,094	16,71	0	0	0
25	0,0871	INCRTER	LinStatic	-11,094	16,71	0	0	0
25	0	LM71SISO	LinStatic	-0,72	6,652	0	0	0
25	0,0871	LM71SISO	LinStatic	-0,72	6,652	0	0	0
25	0	SW2SISO	LinStatic	-0,593	5,476	0	0	0
25	0,0871	SW2SISO	LinStatic	-0,593	5,476	0	0	0
25	0	SISMAO	LinStatic	-2,667	26,405	0	0	0
25	0,0871	SISMAO	LinStatic	-2,667	26,405	0	0	0
25	0	LM71SVA	LinStatic	0,008027	-0,592	0	0	0
25	0,0871	LM71SVA	LinStatic	0,008027	-0,592	0	0	0
25	0	SW2SVA	LinStatic	0,006608	-0,488	0	0	0
25	0,0871	SW2SVA	LinStatic	0,006608	-0,488	0	0	0
25	0	SISMAVA	LinStatic	0,37	-2,478	0	0	0
25	0,0871	SISMAVA	LinStatic	0,37	-2,478	0	0	0
25	0	LM71SVB	LinStatic	-0,008027	0,592	0	0	0
25	0,0871	LM71SVB	LinStatic	-0,008027	0,592	0	0	0
25	0	SW2SVB	LinStatic	-0,006608	0,488	0	0	0
25	0,0871	SW2SVB	LinStatic	-0,006608	0,488	0	0	0
25	0	SISMAVB	LinStatic	-0,37	2,478	0	0	0
25	0,0871	SISMAVB	LinStatic	-0,37	2,478	0	0	0
26	0	PP	LinStatic	-2,346	2,432	0	0	0
26	0,0871	PP	LinStatic	-2,346	3,085	0	0	0
26	0	REINTSUP	LinStatic	-0,094	5,143	0	0	0
26	0,0871	REINTSUP	LinStatic	-0,094	5,143	0	0	0
26	0	BALLAST	LinStatic	-0,064	3,494	0	0	0
26	0,0871	BALLAST	LinStatic	-0,064	3,494	0	0	0
26	0	STERRASX	LinStatic	-10,564	13,38	0	0	0
26	0,0871	STERRASX	LinStatic	-10,564	13,38	0	0	0
26	0	STERRADX	LinStatic	-22,676	-21,104	0	0	0
26	0,0871	STERRADX	LinStatic	-22,676	-21,104	0	0	0
26	0	TERMP	LinStatic	1,106	0,045	0	0	0
26	0,0871	TERMP	LinStatic	1,106	0,045	0	0	0
26	0	TERMN	LinStatic	-3,319	-0,134	0	0	0
26	0,0871	TERMN	LinStatic	-3,319	-0,134	0	0	0
26	0	GRADTP	LinStatic	-4,358	-4,327	0	0	0
26	0,0871	GRADTP	LinStatic	-4,358	-4,327	0	0	0
26	0	GRADTN	LinStatic	4,358	4,327	0	0	0
26	0,0871	GRADTN	LinStatic	4,358	4,327	0	0	0
26	0	LM71C	LinStatic	-0,27	14,771	0	0	0
26	0,0871	LM71C	LinStatic	-0,27	14,771	0	0	0
26	0	LM71SX	LinStatic	-0,423	2,283	0	0	0
26	0,0871	LM71SX	LinStatic	-0,423	2,283	0	0	0
26	0	LM71DX	LinStatic	0,153	12,487	0	0	0
26	0,0871	LM71DX	LinStatic	0,153	12,487	0	0	0
26	0	STLM71	LinStatic	-8,122	13,101	0	0	0
26	0,0871	STLM71	LinStatic	-8,122	13,101	0	0	0
26	0	AVVLM71	LinStatic	-1,156	17,056	0	0	0
26	0,0871	AVVLM71	LinStatic	-1,156	17,056	0	0	0
26	0	SW2	LinStatic	-0,222	12,165	0	0	0
26	0,0871	SW2	LinStatic	-0,222	12,165	0	0	0
26	0	STSW2	LinStatic	-6,692	10,794	0	0	0
26	0,0871	STSW2	LinStatic	-6,692	10,794	0	0	0
26	0	FRENSW2	LinStatic	-1,226	18,086	0	0	0
26	0,0871	FRENSW2	LinStatic	-1,226	18,086	0	0	0
26	0	SERP	LinStatic	0	0	0	0	0
26	0,0871	SERP	LinStatic	0	0	0	0	0
26	0	INCRTER	LinStatic	-9,459	15,258	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
103 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
26	0,0871	INCRTER	LinStatic	-9,459	15,258	0	0	0
26	0	LM71SISO	LinStatic	-0,414	6,107	0	0	0
26	0,0871	LM71SISO	LinStatic	-0,414	6,107	0	0	0
26	0	SW2SISO	LinStatic	-0,341	5,028	0	0	0
26	0,0871	SW2SISO	LinStatic	-0,341	5,028	0	0	0
26	0	SISMAO	LinStatic	-1,286	24,302	0	0	0
26	0,0871	SISMAO	LinStatic	-1,286	24,302	0	0	0
26	0	LM71SVA	LinStatic	0,008027	-0,439	0	0	0
26	0,0871	LM71SVA	LinStatic	0,008027	-0,439	0	0	0
26	0	SW2SVA	LinStatic	0,006608	-0,362	0	0	0
26	0,0871	SW2SVA	LinStatic	0,006608	-0,362	0	0	0
26	0	SISMAVA	LinStatic	0,37	-1,717	0	0	0
26	0,0871	SISMAVA	LinStatic	0,37	-1,717	0	0	0
26	0	LM71SVB	LinStatic	-0,008027	0,439	0	0	0
26	0,0871	LM71SVB	LinStatic	-0,008027	0,439	0	0	0
26	0	SW2SVB	LinStatic	-0,006608	0,362	0	0	0
26	0,0871	SW2SVB	LinStatic	-0,006608	0,362	0	0	0
26	0	SISMAVB	LinStatic	-0,37	1,717	0	0	0
26	0,0871	SISMAVB	LinStatic	-0,37	1,717	0	0	0
27	0	PP	LinStatic	-2,346	0,359	0	0	0
27	0,0871	PP	LinStatic	-2,346	1,012	0	0	0
27	0	REINTSUP	LinStatic	-0,094	3,351	0	0	0
27	0,0871	REINTSUP	LinStatic	-0,094	3,351	0	0	0
27	0	BALLAST	LinStatic	-0,064	2,276	0	0	0
27	0,0871	BALLAST	LinStatic	-0,064	2,276	0	0	0
27	0	STERRASX	LinStatic	-8,904	11,895	0	0	0
27	0,0871	STERRASX	LinStatic	-8,904	11,895	0	0	0
27	0	STERRADX	LinStatic	-24,337	-19,62	0	0	0
27	0,0871	STERRADX	LinStatic	-24,337	-19,62	0	0	0
27	0	TERMP	LinStatic	1,106	0,046	0	0	0
27	0,0871	TERMP	LinStatic	1,106	0,046	0	0	0
27	0	TERMN	LinStatic	-3,319	-0,138	0	0	0
27	0,0871	TERMN	LinStatic	-3,319	-0,138	0	0	0
27	0	GRADTP	LinStatic	-4,358	-4,326	0	0	0
27	0,0871	GRADTP	LinStatic	-4,358	-4,326	0	0	0
27	0	GRADTN	LinStatic	4,358	4,326	0	0	0
27	0,0871	GRADTN	LinStatic	4,358	4,326	0	0	0
27	0	LM71C	LinStatic	-0,27	9,622	0	0	0
27	0,0871	LM71C	LinStatic	-0,27	9,622	0	0	0
27	0	LM71SX	LinStatic	-0,423	1,432	0	0	0
27	0,0871	LM71SX	LinStatic	-0,423	1,432	0	0	0
27	0	LM71DX	LinStatic	0,153	8,19	0	0	0
27	0,0871	LM71DX	LinStatic	0,153	8,19	0	0	0
27	0	STLM71	LinStatic	-6,719	11,662	0	0	0
27	0,0871	STLM71	LinStatic	-6,719	11,662	0	0	0
27	0	AVVLM71	LinStatic	-0,301	15,3	0	0	0
27	0,0871	AVVLM71	LinStatic	-0,301	15,3	0	0	0
27	0	SW2	LinStatic	-0,222	7,924	0	0	0
27	0,0871	SW2	LinStatic	-0,222	7,924	0	0	0
27	0	STSW2	LinStatic	-5,535	9,608	0	0	0
27	0,0871	STSW2	LinStatic	-5,535	9,608	0	0	0
27	0	FRENSW2	LinStatic	-0,319	16,224	0	0	0
27	0,0871	FRENSW2	LinStatic	-0,319	16,224	0	0	0
27	0	SERP	LinStatic	0	0	0	0	0
27	0,0871	SERP	LinStatic	0	0	0	0	0
27	0	INCRTER	LinStatic	-7,824	13,581	0	0	0
27	0,0871	INCRTER	LinStatic	-7,824	13,581	0	0	0
27	0	LM71SISO	LinStatic	-0,108	5,479	0	0	0
27	0,0871	LM71SISO	LinStatic	-0,108	5,479	0	0	0
27	0	SW2SISO	LinStatic	-0,089	4,51	0	0	0
27	0,0871	SW2SISO	LinStatic	-0,089	4,51	0	0	0
27	0	SISMAO	LinStatic	0,094	21,874	0	0	0
27	0,0871	SISMAO	LinStatic	0,094	21,874	0	0	0
27	0	LM71SVA	LinStatic	0,008027	-0,286	0	0	0
27	0,0871	LM71SVA	LinStatic	0,008027	-0,286	0	0	0
27	0	SW2SVA	LinStatic	0,006608	-0,235	0	0	0
27	0,0871	SW2SVA	LinStatic	0,006608	-0,235	0	0	0
27	0	SISMAVA	LinStatic	0,37	-0,956	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
27	0,0871	SISMAVA	LinStatic	0,37	-0,956	0	0	0
27	0	LM71SVB	LinStatic	-0,008027	0,286	0	0	0
27	0,0871	LM71SVB	LinStatic	-0,008027	0,286	0	0	0
27	0	SW2SVB	LinStatic	-0,006608	0,235	0	0	0
27	0,0871	SW2SVB	LinStatic	-0,006608	0,235	0	0	0
27	0	SISMAVB	LinStatic	-0,37	0,956	0	0	0
27	0,0871	SISMAVB	LinStatic	-0,37	0,956	0	0	0
28	0	PP	LinStatic	-2,346	-1,715	0	0	0
28	0,0871	PP	LinStatic	-2,346	-1,062	0	0	0
28	0	REINTSUP	LinStatic	-0,094	1,558	0	0	0
28	0,0871	REINTSUP	LinStatic	-0,094	1,558	0	0	0
28	0	BALLAST	LinStatic	-0,064	1,058	0	0	0
28	0,0871	BALLAST	LinStatic	-0,064	1,058	0	0	0
28	0	STERRASX	LinStatic	-7,244	10,212	0	0	0
28	0,0871	STERRASX	LinStatic	-7,244	10,212	0	0	0
28	0	STERRADX	LinStatic	-25,997	-17,938	0	0	0
28	0,0871	STERRADX	LinStatic	-25,997	-17,938	0	0	0
28	0	TERMP	LinStatic	1,106	0,047	0	0	0
28	0,0871	TERMP	LinStatic	1,106	0,047	0	0	0
28	0	TERMN	LinStatic	-3,319	-0,14	0	0	0
28	0,0871	TERMN	LinStatic	-3,319	-0,14	0	0	0
28	0	GRADTP	LinStatic	-4,358	-4,326	0	0	0
28	0,0871	GRADTP	LinStatic	-4,358	-4,326	0	0	0
28	0	GRADTN	LinStatic	4,358	4,326	0	0	0
28	0,0871	GRADTN	LinStatic	4,358	4,326	0	0	0
28	0	LM71C	LinStatic	-0,27	4,474	0	0	0
28	0,0871	LM71C	LinStatic	-0,27	4,474	0	0	0
28	0	LM71SX	LinStatic	-0,423	0,812	0	0	0
28	0,0871	LM71SX	LinStatic	-0,423	0,812	0	0	0
28	0	LM71DX	LinStatic	0,153	3,661	0	0	0
28	0,0871	LM71DX	LinStatic	0,153	3,661	0	0	0
28	0	STLM71	LinStatic	-5,315	10,03	0	0	0
28	0,0871	STLM71	LinStatic	-5,315	10,03	0	0	0
28	0	AVVLM71	LinStatic	0,555	13,31	0	0	0
28	0,0871	AVVLM71	LinStatic	0,555	13,31	0	0	0
28	0	SW2	LinStatic	-0,222	3,684	0	0	0
28	0,0871	SW2	LinStatic	-0,222	3,684	0	0	0
28	0	STSW2	LinStatic	-4,379	8,263	0	0	0
28	0,0871	STSW2	LinStatic	-4,379	8,263	0	0	0
28	0	FRENSW2	LinStatic	0,589	14,113	0	0	0
28	0,0871	FRENSW2	LinStatic	0,589	14,113	0	0	0
28	0	SERP	LinStatic	0	0	0	0	0
28	0,0871	SERP	LinStatic	0	0	0	0	0
28	0	INCRTER	LinStatic	-6,19	11,681	0	0	0
28	0,0871	INCRTER	LinStatic	-6,19	11,681	0	0	0
28	0	LM71SISO	LinStatic	0,199	4,766	0	0	0
28	0,0871	LM71SISO	LinStatic	0,199	4,766	0	0	0
28	0	SW2SISO	LinStatic	0,164	3,923	0	0	0
28	0,0871	SW2SISO	LinStatic	0,164	3,923	0	0	0
28	0	SISMAO	LinStatic	1,475	19,123	0	0	0
28	0,0871	SISMAO	LinStatic	1,475	19,123	0	0	0
28	0	LM71SVA	LinStatic	0,008027	-0,133	0	0	0
28	0,0871	LM71SVA	LinStatic	0,008027	-0,133	0	0	0
28	0	SW2SVA	LinStatic	0,006608	-0,109	0	0	0
28	0,0871	SW2SVA	LinStatic	0,006608	-0,109	0	0	0
28	0	SISMAVA	LinStatic	0,37	-0,196	0	0	0
28	0,0871	SISMAVA	LinStatic	0,37	-0,196	0	0	0
28	0	LM71SVB	LinStatic	-0,008027	0,133	0	0	0
28	0,0871	LM71SVB	LinStatic	-0,008027	0,133	0	0	0
28	0	SW2SVB	LinStatic	-0,006608	0,109	0	0	0
28	0,0871	SW2SVB	LinStatic	-0,006608	0,109	0	0	0
28	0	SISMAVB	LinStatic	-0,37	0,196	0	0	0
28	0,0871	SISMAVB	LinStatic	-0,37	0,196	0	0	0
29	0	PP	LinStatic	-2,346	-3,789	0	0	0
29	0,0871	PP	LinStatic	-2,346	-3,136	0	0	0
29	0	REINTSUP	LinStatic	-0,094	-0,235	0	0	0
29	0,0871	REINTSUP	LinStatic	-0,094	-0,235	0	0	0
29	0	BALLAST	LinStatic	-0,064	-0,16	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
29	0,0871	BALLAST	LinStatic	-0,064	-0,16	0	0	0
29	0	STERRASX	LinStatic	-5,583	8,33	0	0	0
29	0,0871	STERRASX	LinStatic	-5,583	8,33	0	0	0
29	0	STERRADX	LinStatic	-27,657	-16,058	0	0	0
29	0,0871	STERRADX	LinStatic	-27,657	-16,058	0	0	0
29	0	TERMP	LinStatic	1,106	0,047	0	0	0
29	0,0871	TERMP	LinStatic	1,106	0,047	0	0	0
29	0	TERMN	LinStatic	-3,319	-0,14	0	0	0
29	0,0871	TERMN	LinStatic	-3,319	-0,14	0	0	0
29	0	GRADTP	LinStatic	-4,358	-4,327	0	0	0
29	0,0871	GRADTP	LinStatic	-4,358	-4,327	0	0	0
29	0	GRADTN	LinStatic	4,358	4,327	0	0	0
29	0,0871	GRADTN	LinStatic	4,358	4,327	0	0	0
29	0	LM71C	LinStatic	-0,27	-0,675	0	0	0
29	0,0871	LM71C	LinStatic	-0,27	-0,675	0	0	0
29	0	LM71SX	LinStatic	-0,423	0,423	0	0	0
29	0,0871	LM71SX	LinStatic	-0,423	0,423	0	0	0
29	0	LM71DX	LinStatic	0,153	-1,098	0	0	0
29	0,0871	LM71DX	LinStatic	0,153	-1,098	0	0	0
29	0	STLM71	LinStatic	-3,912	8,206	0	0	0
29	0,0871	STLM71	LinStatic	-3,912	8,206	0	0	0
29	0	AVVLM71	LinStatic	1,411	11,085	0	0	0
29	0,0871	AVVLM71	LinStatic	1,411	11,085	0	0	0
29	0	SW2	LinStatic	-0,222	-0,556	0	0	0
29	0,0871	SW2	LinStatic	-0,222	-0,556	0	0	0
29	0	STSW2	LinStatic	-3,223	6,76	0	0	0
29	0,0871	STSW2	LinStatic	-3,223	6,76	0	0	0
29	0	FRENSW2	LinStatic	1,496	11,754	0	0	0
29	0,0871	FRENSW2	LinStatic	1,496	11,754	0	0	0
29	0	SERP	LinStatic	0	0	0	0	0
29	0,0871	SERP	LinStatic	0	0	0	0	0
29	0	INCRTER	LinStatic	-4,555	9,556	0	0	0
29	0,0871	INCRTER	LinStatic	-4,555	9,556	0	0	0
29	0	LM71SISO	LinStatic	0,505	3,969	0	0	0
29	0,0871	LM71SISO	LinStatic	0,505	3,969	0	0	0
29	0	SW2SISO	LinStatic	0,416	3,267	0	0	0
29	0,0871	SW2SISO	LinStatic	0,416	3,267	0	0	0
29	0	SISMAO	LinStatic	2,855	16,048	0	0	0
29	0,0871	SISMAO	LinStatic	2,855	16,048	0	0	0
29	0	LM71SVA	LinStatic	0,008027	0,02	0	0	0
29	0,0871	LM71SVA	LinStatic	0,008027	0,02	0	0	0
29	0	SW2SVA	LinStatic	0,006608	0,017	0	0	0
29	0,0871	SW2SVA	LinStatic	0,006608	0,017	0	0	0
29	0	SISMAVA	LinStatic	0,37	0,565	0	0	0
29	0,0871	SISMAVA	LinStatic	0,37	0,565	0	0	0
29	0	LM71SVB	LinStatic	-0,008027	-0,02	0	0	0
29	0,0871	LM71SVB	LinStatic	-0,008027	-0,02	0	0	0
29	0	SW2SVB	LinStatic	-0,006608	-0,017	0	0	0
29	0,0871	SW2SVB	LinStatic	-0,006608	-0,017	0	0	0
29	0	SISMAVB	LinStatic	-0,37	-0,565	0	0	0
29	0,0871	SISMAVB	LinStatic	-0,37	-0,565	0	0	0
30	0	PP	LinStatic	-2,346	-5,865	0	0	0
30	0,0871	PP	LinStatic	-2,346	-5,212	0	0	0
30	0	REINTSUP	LinStatic	-0,094	-2,028	0	0	0
30	0,0871	REINTSUP	LinStatic	-0,094	-2,028	0	0	0
30	0	BALLAST	LinStatic	-0,064	-1,378	0	0	0
30	0,0871	BALLAST	LinStatic	-0,064	-1,378	0	0	0
30	0	STERRASX	LinStatic	-3,923	6,249	0	0	0
30	0,0871	STERRASX	LinStatic	-3,923	6,249	0	0	0
30	0	STERRADX	LinStatic	-29,317	-13,978	0	0	0
30	0,0871	STERRADX	LinStatic	-29,317	-13,978	0	0	0
30	0	TERMP	LinStatic	1,106	0,046	0	0	0
30	0,0871	TERMP	LinStatic	1,106	0,046	0	0	0
30	0	TERMN	LinStatic	-3,319	-0,139	0	0	0
30	0,0871	TERMN	LinStatic	-3,319	-0,139	0	0	0
30	0	GRADTP	LinStatic	-4,358	-4,328	0	0	0
30	0,0871	GRADTP	LinStatic	-4,358	-4,328	0	0	0
30	0	GRADTN	LinStatic	4,358	4,328	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
106 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
30	0,0871	GRADTN	LinStatic	4,358	4,328	0	0	0
30	0	LM71C	LinStatic	-0,27	-5,824	0	0	0
30	0,0871	LM71C	LinStatic	-0,27	-5,824	0	0	0
30	0	LM71SX	LinStatic	-0,423	0,264	0	0	0
30	0,0871	LM71SX	LinStatic	-0,423	0,264	0	0	0
30	0	LM71DX	LinStatic	0,153	-6,088	0	0	0
30	0,0871	LM71DX	LinStatic	0,153	-6,088	0	0	0
30	0	STLM71	LinStatic	-2,508	6,189	0	0	0
30	0,0871	STLM71	LinStatic	-2,508	6,189	0	0	0
30	0	AVVLM71	LinStatic	2,267	8,625	0	0	0
30	0,0871	AVVLM71	LinStatic	2,267	8,625	0	0	0
30	0	SW2	LinStatic	-0,222	-4,796	0	0	0
30	0,0871	SW2	LinStatic	-0,222	-4,796	0	0	0
30	0	STSW2	LinStatic	-2,066	5,099	0	0	0
30	0,0871	STSW2	LinStatic	-2,066	5,099	0	0	0
30	0	FRENSW2	LinStatic	2,403	9,146	0	0	0
30	0,0871	FRENSW2	LinStatic	2,403	9,146	0	0	0
30	0	SERP	LinStatic	0	0	0	0	0
30	0,0871	SERP	LinStatic	0	0	0	0	0
30	0	INCRTER	LinStatic	-2,921	7,207	0	0	0
30	0,0871	INCRTER	LinStatic	-2,921	7,207	0	0	0
30	0	LM71SISO	LinStatic	0,812	3,088	0	0	0
30	0,0871	LM71SISO	LinStatic	0,812	3,088	0	0	0
30	0	SW2SISO	LinStatic	0,668	2,542	0	0	0
30	0,0871	SW2SISO	LinStatic	0,668	2,542	0	0	0
30	0	SISMAO	LinStatic	4,235	12,648	0	0	0
30	0,0871	SISMAO	LinStatic	4,235	12,648	0	0	0
30	0	LM71SVA	LinStatic	0,008027	0,173	0	0	0
30	0,0871	LM71SVA	LinStatic	0,008027	0,173	0	0	0
30	0	SW2SVA	LinStatic	0,006608	0,143	0	0	0
30	0,0871	SW2SVA	LinStatic	0,006608	0,143	0	0	0
30	0	SISMAVA	LinStatic	0,37	1,326	0	0	0
30	0,0871	SISMAVA	LinStatic	0,37	1,326	0	0	0
30	0	LM71SVB	LinStatic	-0,008027	-0,173	0	0	0
30	0,0871	LM71SVB	LinStatic	-0,008027	-0,173	0	0	0
30	0	SW2SVB	LinStatic	-0,006608	-0,143	0	0	0
30	0,0871	SW2SVB	LinStatic	-0,006608	-0,143	0	0	0
30	0	SISMAVB	LinStatic	-0,37	-1,326	0	0	0
30	0,0871	SISMAVB	LinStatic	-0,37	-1,326	0	0	0
31	0	PP	LinStatic	-2,346	-7,941	0	0	0
31	0,0871	PP	LinStatic	-2,346	-7,288	0	0	0
31	0	REINTSUP	LinStatic	-0,094	-3,821	0	0	0
31	0,0871	REINTSUP	LinStatic	-0,094	-3,821	0	0	0
31	0	BALLAST	LinStatic	-0,064	-2,596	0	0	0
31	0,0871	BALLAST	LinStatic	-0,064	-2,596	0	0	0
31	0	STERRASX	LinStatic	-2,263	3,968	0	0	0
31	0,0871	STERRASX	LinStatic	-2,263	3,968	0	0	0
31	0	STERRADX	LinStatic	-30,978	-11,699	0	0	0
31	0,0871	STERRADX	LinStatic	-30,978	-11,699	0	0	0
31	0	TERMP	LinStatic	1,106	0,045	0	0	0
31	0,0871	TERMP	LinStatic	1,106	0,045	0	0	0
31	0	TERMN	LinStatic	-3,319	-0,136	0	0	0
31	0,0871	TERMN	LinStatic	-3,319	-0,136	0	0	0
31	0	GRADTP	LinStatic	-4,358	-4,33	0	0	0
31	0,0871	GRADTP	LinStatic	-4,358	-4,33	0	0	0
31	0	GRADTN	LinStatic	4,358	4,33	0	0	0
31	0,0871	GRADTN	LinStatic	4,358	4,33	0	0	0
31	0	LM71C	LinStatic	-0,27	-10,974	0	0	0
31	0,0871	LM71C	LinStatic	-0,27	-10,974	0	0	0
31	0	LM71SX	LinStatic	-0,423	0,337	0	0	0
31	0,0871	LM71SX	LinStatic	-0,423	0,337	0	0	0
31	0	LM71DX	LinStatic	0,153	-11,311	0	0	0
31	0,0871	LM71DX	LinStatic	0,153	-11,311	0	0	0
31	0	STLM71	LinStatic	-1,105	3,978	0	0	0
31	0,0871	STLM71	LinStatic	-1,105	3,978	0	0	0
31	0	AVVLM71	LinStatic	3,122	5,93	0	0	0
31	0,0871	AVVLM71	LinStatic	3,122	5,93	0	0	0
31	0	SW2	LinStatic	-0,222	-9,038	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
107 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
31	0,0871	SW2	LinStatic	-0,222	-9,038	0	0	0
31	0	STSW2	LinStatic	-0,91	3,277	0	0	0
31	0,0871	STSW2	LinStatic	-0,91	3,277	0	0	0
31	0	FRENSW2	LinStatic	3,311	6,288	0	0	0
31	0,0871	FRENSW2	LinStatic	3,311	6,288	0	0	0
31	0	SERP	LinStatic	0	0	0	0	0
31	0,0871	SERP	LinStatic	0	0	0	0	0
31	0	INCRTER	LinStatic	-1,286	4,633	0	0	0
31	0,0871	INCRTER	LinStatic	-1,286	4,633	0	0	0
31	0	LM71SISO	LinStatic	1,118	2,123	0	0	0
31	0,0871	LM71SISO	LinStatic	1,118	2,123	0	0	0
31	0	SW2SISO	LinStatic	0,92	1,748	0	0	0
31	0,0871	SW2SISO	LinStatic	0,92	1,748	0	0	0
31	0	SISMAO	LinStatic	5,616	8,922	0	0	0
31	0,0871	SISMAO	LinStatic	5,616	8,922	0	0	0
31	0	LM71SVA	LinStatic	0,008027	0,326	0	0	0
31	0,0871	LM71SVA	LinStatic	0,008027	0,326	0	0	0
31	0	SW2SVA	LinStatic	0,006608	0,269	0	0	0
31	0,0871	SW2SVA	LinStatic	0,006608	0,269	0	0	0
31	0	SISMAVA	LinStatic	0,37	2,087	0	0	0
31	0,0871	SISMAVA	LinStatic	0,37	2,087	0	0	0
31	0	LM71SVB	LinStatic	-0,008027	-0,326	0	0	0
31	0,0871	LM71SVB	LinStatic	-0,008027	-0,326	0	0	0
31	0	SW2SVB	LinStatic	-0,006608	-0,269	0	0	0
31	0,0871	SW2SVB	LinStatic	-0,006608	-0,269	0	0	0
31	0	SISMAVB	LinStatic	-0,37	-2,087	0	0	0
31	0,0871	SISMAVB	LinStatic	-0,37	-2,087	0	0	0
32	0	PP	LinStatic	-2,346	-10,019	0	0	0
32	0,0871	PP	LinStatic	-2,346	-9,366	0	0	0
32	0	REINTSUP	LinStatic	-0,094	-5,615	0	0	0
32	0,0871	REINTSUP	LinStatic	-0,094	-5,615	0	0	0
32	0	BALLAST	LinStatic	-0,064	-3,814	0	0	0
32	0,0871	BALLAST	LinStatic	-0,064	-3,814	0	0	0
32	0	STERRASX	LinStatic	-0,603	1,487	0	0	0
32	0,0871	STERRASX	LinStatic	-0,603	1,487	0	0	0
32	0	STERRADX	LinStatic	-32,638	-9,22	0	0	0
32	0,0871	STERRADX	LinStatic	-32,638	-9,22	0	0	0
32	0	TERMP	LinStatic	1,106	0,044	0	0	0
32	0,0871	TERMP	LinStatic	1,106	0,044	0	0	0
32	0	TERMN	LinStatic	-3,319	-0,131	0	0	0
32	0,0871	TERMN	LinStatic	-3,319	-0,131	0	0	0
32	0	GRADTP	LinStatic	-4,358	-4,333	0	0	0
32	0,0871	GRADTP	LinStatic	-4,358	-4,333	0	0	0
32	0	GRADTN	LinStatic	4,358	4,333	0	0	0
32	0,0871	GRADTN	LinStatic	4,358	4,333	0	0	0
32	0	LM71C	LinStatic	-0,27	-16,125	0	0	0
32	0,0871	LM71C	LinStatic	-0,27	-16,125	0	0	0
32	0	LM71SX	LinStatic	-0,423	0,64	0	0	0
32	0,0871	LM71SX	LinStatic	-0,423	0,64	0	0	0
32	0	LM71DX	LinStatic	0,153	-16,765	0	0	0
32	0,0871	LM71DX	LinStatic	0,153	-16,765	0	0	0
32	0	STLM71	LinStatic	0,299	1,574	0	0	0
32	0,0871	STLM71	LinStatic	0,299	1,574	0	0	0
32	0	AVVLM71	LinStatic	3,978	2,999	0	0	0
32	0,0871	AVVLM71	LinStatic	3,978	2,999	0	0	0
32	0	SW2	LinStatic	-0,222	-13,281	0	0	0
32	0,0871	SW2	LinStatic	-0,222	-13,281	0	0	0
32	0	STSW2	LinStatic	0,246	1,297	0	0	0
32	0,0871	STSW2	LinStatic	0,246	1,297	0	0	0
32	0	FRENSW2	LinStatic	4,218	3,18	0	0	0
32	0,0871	FRENSW2	LinStatic	4,218	3,18	0	0	0
32	0	SERP	LinStatic	0	0	0	0	0
32	0,0871	SERP	LinStatic	0	0	0	0	0
32	0	INCRTER	LinStatic	0,348	1,833	0	0	0
32	0,0871	INCRTER	LinStatic	0,348	1,833	0	0	0
32	0	LM71SISO	LinStatic	1,424	1,074	0	0	0
32	0,0871	LM71SISO	LinStatic	1,424	1,074	0	0	0
32	0	SW2SISO	LinStatic	1,173	0,884	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
32	0,0871	SW2SISO	LinStatic	1,173	0,884	0	0	0
32	0	SISMAO	LinStatic	6,996	4,871	0	0	0
32	0,0871	SISMAO	LinStatic	6,996	4,871	0	0	0
32	0	LM71SVA	LinStatic	0,008027	0,479	0	0	0
32	0,0871	LM71SVA	LinStatic	0,008027	0,479	0	0	0
32	0	SW2SVA	LinStatic	0,006608	0,395	0	0	0
32	0,0871	SW2SVA	LinStatic	0,006608	0,395	0	0	0
32	0	SISMAVA	LinStatic	0,37	2,849	0	0	0
32	0,0871	SISMAVA	LinStatic	0,37	2,849	0	0	0
32	0	LM71SVB	LinStatic	-0,008027	-0,479	0	0	0
32	0,0871	LM71SVB	LinStatic	-0,008027	-0,479	0	0	0
32	0	SW2SVB	LinStatic	-0,006608	-0,395	0	0	0
32	0,0871	SW2SVB	LinStatic	-0,006608	-0,395	0	0	0
32	0	SISMAVB	LinStatic	-0,37	-2,849	0	0	0
32	0,0871	SISMAVB	LinStatic	-0,37	-2,849	0	0	0
33	0	PP	LinStatic	-2,346	-12,098	0	0	0
33	0,0871	PP	LinStatic	-2,346	-11,445	0	0	0
33	0	REINTSUP	LinStatic	-0,094	-7,41	0	0	0
33	0,0871	REINTSUP	LinStatic	-0,094	-7,41	0	0	0
33	0	BALLAST	LinStatic	-0,064	-5,033	0	0	0
33	0,0871	BALLAST	LinStatic	-0,064	-5,033	0	0	0
33	0	STERRASX	LinStatic	1,057	-1,193	0	0	0
33	0,0871	STERRASX	LinStatic	1,057	-1,193	0	0	0
33	0	STERRADX	LinStatic	-34,298	-6,541	0	0	0
33	0,0871	STERRADX	LinStatic	-34,298	-6,541	0	0	0
33	0	TERMP	LinStatic	1,106	0,041	0	0	0
33	0,0871	TERMP	LinStatic	1,106	0,041	0	0	0
33	0	TERMN	LinStatic	-3,319	-0,124	0	0	0
33	0,0871	TERMN	LinStatic	-3,319	-0,124	0	0	0
33	0	GRADTP	LinStatic	-4,358	-4,336	0	0	0
33	0,0871	GRADTP	LinStatic	-4,358	-4,336	0	0	0
33	0	GRADTN	LinStatic	4,358	4,336	0	0	0
33	0,0871	GRADTN	LinStatic	4,358	4,336	0	0	0
33	0	LM71C	LinStatic	-0,27	-21,279	0	0	0
33	0,0871	LM71C	LinStatic	-0,27	-21,279	0	0	0
33	0	LM71SX	LinStatic	-0,423	1,174	0	0	0
33	0,0871	LM71SX	LinStatic	-0,423	1,174	0	0	0
33	0	LM71DX	LinStatic	0,153	-22,453	0	0	0
33	0,0871	LM71DX	LinStatic	0,153	-22,453	0	0	0
33	0	STLM71	LinStatic	1,702	-1,024	0	0	0
33	0,0871	STLM71	LinStatic	1,702	-1,024	0	0	0
33	0	AVVLM71	LinStatic	4,834	-0,169	0	0	0
33	0,0871	AVVLM71	LinStatic	4,834	-0,169	0	0	0
33	0	SW2	LinStatic	-0,222	-17,525	0	0	0
33	0,0871	SW2	LinStatic	-0,222	-17,525	0	0	0
33	0	STSW2	LinStatic	1,403	-0,844	0	0	0
33	0,0871	STSW2	LinStatic	1,403	-0,844	0	0	0
33	0	FRENSW2	LinStatic	5,125	-0,179	0	0	0
33	0,0871	FRENSW2	LinStatic	5,125	-0,179	0	0	0
33	0	SERP	LinStatic	0	0	0	0	0
33	0,0871	SERP	LinStatic	0	0	0	0	0
33	0	INCRTER	LinStatic	1,983	-1,193	0	0	0
33	0,0871	INCRTER	LinStatic	1,983	-1,193	0	0	0
33	0	LM71SISO	LinStatic	1,731	-0,06	0	0	0
33	0,0871	LM71SISO	LinStatic	1,731	-0,06	0	0	0
33	0	SW2SISO	LinStatic	1,425	-0,05	0	0	0
33	0,0871	SW2SISO	LinStatic	1,425	-0,05	0	0	0
33	0	SISMAO	LinStatic	8,377	0,493	0	0	0
33	0,0871	SISMAO	LinStatic	8,377	0,493	0	0	0
33	0	LM71SVA	LinStatic	0,008027	0,633	0	0	0
33	0,0871	LM71SVA	LinStatic	0,008027	0,633	0	0	0
33	0	SW2SVA	LinStatic	0,006608	0,521	0	0	0
33	0,0871	SW2SVA	LinStatic	0,006608	0,521	0	0	0
33	0	SISMAVA	LinStatic	0,37	3,611	0	0	0
33	0,0871	SISMAVA	LinStatic	0,37	3,611	0	0	0
33	0	LM71SVB	LinStatic	-0,008027	-0,633	0	0	0
33	0,0871	LM71SVB	LinStatic	-0,008027	-0,633	0	0	0
33	0	SW2SVB	LinStatic	-0,006608	-0,521	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
33	0,0871	SW2SVB	LinStatic	-0,006608	-0,521	0	0	0
33	0	SISMAVB	LinStatic	-0,37	-3,611	0	0	0
33	0,0871	SISMAVB	LinStatic	-0,37	-3,611	0	0	0
34	0	PP	LinStatic	-2,346	-14,178	0	0	0
34	0,0871	PP	LinStatic	-2,346	-13,525	0	0	0
34	0	REINTSUP	LinStatic	-0,094	-9,205	0	0	0
34	0,0871	REINTSUP	LinStatic	-0,094	-9,205	0	0	0
34	0	BALLAST	LinStatic	-0,064	-6,252	0	0	0
34	0,0871	BALLAST	LinStatic	-0,064	-6,252	0	0	0
34	0	STERRASX	LinStatic	2,717	-4,074	0	0	0
34	0,0871	STERRASX	LinStatic	2,717	-4,074	0	0	0
34	0	STERRADX	LinStatic	-35,959	-3,66	0	0	0
34	0,0871	STERRADX	LinStatic	-35,959	-3,66	0	0	0
34	0	TERMP	LinStatic	1,106	0,038	0	0	0
34	0,0871	TERMP	LinStatic	1,106	0,038	0	0	0
34	0	TERMN	LinStatic	-3,319	-0,114	0	0	0
34	0,0871	TERMN	LinStatic	-3,319	-0,114	0	0	0
34	0	GRADTP	LinStatic	-4,358	-4,34	0	0	0
34	0,0871	GRADTP	LinStatic	-4,358	-4,34	0	0	0
34	0	GRADTN	LinStatic	4,358	4,34	0	0	0
34	0,0871	GRADTN	LinStatic	4,358	4,34	0	0	0
34	0	LM71C	LinStatic	-0,27	-26,434	0	0	0
34	0,0871	LM71C	LinStatic	-0,27	-26,434	0	0	0
34	0	LM71SX	LinStatic	-0,423	1,939	0	0	0
34	0,0871	LM71SX	LinStatic	-0,423	1,939	0	0	0
34	0	LM71DX	LinStatic	0,153	-28,373	0	0	0
34	0,0871	LM71DX	LinStatic	0,153	-28,373	0	0	0
34	0	STLM71	LinStatic	3,106	-3,817	0	0	0
34	0,0871	STLM71	LinStatic	3,106	-3,817	0	0	0
34	0	AVVLM71	LinStatic	5,689	-3,573	0	0	0
34	0,0871	AVVLM71	LinStatic	5,689	-3,573	0	0	0
34	0	SW2	LinStatic	-0,222	-21,771	0	0	0
34	0,0871	SW2	LinStatic	-0,222	-21,771	0	0	0
34	0	STSW2	LinStatic	2,559	-3,144	0	0	0
34	0,0871	STSW2	LinStatic	2,559	-3,144	0	0	0
34	0	FRENSW2	LinStatic	6,033	-3,788	0	0	0
34	0,0871	FRENSW2	LinStatic	6,033	-3,788	0	0	0
34	0	SERP	LinStatic	0	0	0	0	0
34	0,0871	SERP	LinStatic	0	0	0	0	0
34	0	INCRTER	LinStatic	3,617	-4,445	0	0	0
34	0,0871	INCRTER	LinStatic	3,617	-4,445	0	0	0
34	0	LM71SISO	LinStatic	2,037	-1,279	0	0	0
34	0,0871	LM71SISO	LinStatic	2,037	-1,279	0	0	0
34	0	SW2SISO	LinStatic	1,677	-1,053	0	0	0
34	0,0871	SW2SISO	LinStatic	1,677	-1,053	0	0	0
34	0	SISMAO	LinStatic	9,757	-4,212	0	0	0
34	0,0871	SISMAO	LinStatic	9,757	-4,212	0	0	0
34	0	LM71SVA	LinStatic	0,008027	0,786	0	0	0
34	0,0871	LM71SVA	LinStatic	0,008027	0,786	0	0	0
34	0	SW2SVA	LinStatic	0,006608	0,647	0	0	0
34	0,0871	SW2SVA	LinStatic	0,006608	0,647	0	0	0
34	0	SISMAVA	LinStatic	0,37	4,373	0	0	0
34	0,0871	SISMAVA	LinStatic	0,37	4,373	0	0	0
34	0	LM71SVB	LinStatic	-0,008027	-0,786	0	0	0
34	0,0871	LM71SVB	LinStatic	-0,008027	-0,786	0	0	0
34	0	SW2SVB	LinStatic	-0,006608	-0,647	0	0	0
34	0,0871	SW2SVB	LinStatic	-0,006608	-0,647	0	0	0
34	0	SISMAVB	LinStatic	-0,37	-4,373	0	0	0
34	0,0871	SISMAVB	LinStatic	-0,37	-4,373	0	0	0
35	0	PP	LinStatic	-2,346	-16,07	0	0	0
35	0,075	PP	LinStatic	-2,346	-15,508	0	0	0
35	0	REINTSUP	LinStatic	-0,094	-10,876	0	0	0
35	0,075	REINTSUP	LinStatic	-0,094	-10,876	0	0	0
35	0	BALLAST	LinStatic	-0,064	-7,388	0	0	0
35	0,075	BALLAST	LinStatic	-0,064	-7,388	0	0	0
35	0	STERRASX	LinStatic	4,262	-6,942	0	0	0
35	0,075	STERRASX	LinStatic	4,262	-6,942	0	0	0
35	0	STERRADX	LinStatic	-37,504	-0,791	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
35	0,075	STERRADX	LinStatic	-37,504	-0,791	0	0	0
35	0	TERMP	LinStatic	1,106	0,034	0	0	0
35	0,075	TERMP	LinStatic	1,106	0,034	0	0	0
35	0	TERMN	LinStatic	-3,319	-0,103	0	0	0
35	0,075	TERMN	LinStatic	-3,319	-0,103	0	0	0
35	0	GRADTP	LinStatic	-4,359	-4,344	0	0	0
35	0,075	GRADTP	LinStatic	-4,359	-4,344	0	0	0
35	0	GRADTN	LinStatic	4,359	4,344	0	0	0
35	0,075	GRADTN	LinStatic	4,359	4,344	0	0	0
35	0	LM71C	LinStatic	-0,27	-31,233	0	0	0
35	0,075	LM71C	LinStatic	-0,27	-31,233	0	0	0
35	0	LM71SX	LinStatic	-0,423	2,866	0	0	0
35	0,075	LM71SX	LinStatic	-0,423	2,866	0	0	0
35	0	LM71DX	LinStatic	0,153	-34,1	0	0	0
35	0,075	LM71DX	LinStatic	0,153	-34,1	0	0	0
35	0	STLM71	LinStatic	4,412	-6,597	0	0	0
35	0,075	STLM71	LinStatic	4,412	-6,597	0	0	0
35	0	AVVLM71	LinStatic	6,486	-6,961	0	0	0
35	0,075	AVVLM71	LinStatic	6,486	-6,961	0	0	0
35	0	SW2	LinStatic	-0,222	-25,723	0	0	0
35	0,075	SW2	LinStatic	-0,222	-25,723	0	0	0
35	0	STSW2	LinStatic	3,635	-5,435	0	0	0
35	0,075	STSW2	LinStatic	3,635	-5,435	0	0	0
35	0	FRENSW2	LinStatic	6,877	-7,381	0	0	0
35	0,075	FRENSW2	LinStatic	6,877	-7,381	0	0	0
35	0	SERP	LinStatic	0	0	0	0	0
35	0,075	SERP	LinStatic	0	0	0	0	0
35	0	INCRTER	LinStatic	5,138	-7,682	0	0	0
35	0,075	INCRTER	LinStatic	5,138	-7,682	0	0	0
35	0	LM71SISO	LinStatic	2,322	-2,492	0	0	0
35	0,075	LM71SISO	LinStatic	2,322	-2,492	0	0	0
35	0	SW2SISO	LinStatic	1,912	-2,052	0	0	0
35	0,075	SW2SISO	LinStatic	1,912	-2,052	0	0	0
35	0	SISMAO	LinStatic	11,041	-8,896	0	0	0
35	0,075	SISMAO	LinStatic	11,041	-8,896	0	0	0
35	0	LM71SVA	LinStatic	0,008027	0,929	0	0	0
35	0,075	LM71SVA	LinStatic	0,008027	0,929	0	0	0
35	0	SW2SVA	LinStatic	0,006608	0,764	0	0	0
35	0,075	SW2SVA	LinStatic	0,006608	0,764	0	0	0
35	0	SISMAVA	LinStatic	0,37	5,083	0	0	0
35	0,075	SISMAVA	LinStatic	0,37	5,083	0	0	0
35	0	LM71SVB	LinStatic	-0,008027	-0,929	0	0	0
35	0,075	LM71SVB	LinStatic	-0,008027	-0,929	0	0	0
35	0	SW2SVB	LinStatic	-0,006608	-0,764	0	0	0
35	0,075	SW2SVB	LinStatic	-0,006608	-0,764	0	0	0
35	0	SISMAVB	LinStatic	-0,37	-5,083	0	0	0
35	0,075	SISMAVB	LinStatic	-0,37	-5,083	0	0	0
36	0	PP	LinStatic	-2,346	-17,863	0	0	0
36	0,075	PP	LinStatic	-2,346	-17,301	0	0	0
36	0	REINTSUP	LinStatic	-0,094	-12,424	0	0	0
36	0,075	REINTSUP	LinStatic	-0,094	-12,424	0	0	0
36	0	BALLAST	LinStatic	-0,064	-8,439	0	0	0
36	0,075	BALLAST	LinStatic	-0,064	-8,439	0	0	0
36	0	STERRASX	LinStatic	5,692	-9,746	0	0	0
36	0,075	STERRASX	LinStatic	5,692	-9,746	0	0	0
36	0	STERRADX	LinStatic	-38,933	2,014	0	0	0
36	0,075	STERRADX	LinStatic	-38,933	2,014	0	0	0
36	0	TERMP	LinStatic	1,106	0,03	0	0	0
36	0,075	TERMP	LinStatic	1,106	0,03	0	0	0
36	0	TERMN	LinStatic	-3,319	-0,09	0	0	0
36	0,075	TERMN	LinStatic	-3,319	-0,09	0	0	0
36	0	GRADTP	LinStatic	-4,359	-4,347	0	0	0
36	0,075	GRADTP	LinStatic	-4,359	-4,347	0	0	0
36	0	GRADTN	LinStatic	4,359	4,347	0	0	0
36	0,075	GRADTN	LinStatic	4,359	4,347	0	0	0
36	0	LM71C	LinStatic	-0,27	-35,677	0	0	0
36	0,075	LM71C	LinStatic	-0,27	-35,677	0	0	0
36	0	LM71SX	LinStatic	-0,423	3,895	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
36	0,075	LM71SX	LinStatic	-0,423	3,895	0	0	0
36	0	LM71DX	LinStatic	0,153	-39,572	0	0	0
36	0,075	LM71DX	LinStatic	0,153	-39,572	0	0	0
36	0	STLM71	LinStatic	5,621	-9,314	0	0	0
36	0,075	STLM71	LinStatic	5,621	-9,314	0	0	0
36	0	AVVLM71	LinStatic	7,222	-10,273	0	0	0
36	0,075	AVVLM71	LinStatic	7,222	-10,273	0	0	0
36	0	SW2	LinStatic	-0,222	-29,383	0	0	0
36	0,075	SW2	LinStatic	-0,222	-29,383	0	0	0
36	0	STSW2	LinStatic	4,631	-7,673	0	0	0
36	0,075	STSW2	LinStatic	4,631	-7,673	0	0	0
36	0	FRENSW2	LinStatic	7,658	-10,892	0	0	0
36	0,075	FRENSW2	LinStatic	7,658	-10,892	0	0	0
36	0	SERP	LinStatic	0	0	0	0	0
36	0,075	SERP	LinStatic	0	0	0	0	0
36	0	INCRTER	LinStatic	6,546	-10,847	0	0	0
36	0,075	INCRTER	LinStatic	6,546	-10,847	0	0	0
36	0	LM71SISO	LinStatic	2,586	-3,678	0	0	0
36	0,075	LM71SISO	LinStatic	2,586	-3,678	0	0	0
36	0	SW2SISO	LinStatic	2,129	-3,028	0	0	0
36	0,075	SW2SISO	LinStatic	2,129	-3,028	0	0	0
36	0	SISMAO	LinStatic	12,23	-13,473	0	0	0
36	0,075	SISMAO	LinStatic	12,23	-13,473	0	0	0
36	0	LM71SVA	LinStatic	0,008027	1,061	0	0	0
36	0,075	LM71SVA	LinStatic	0,008027	1,061	0	0	0
36	0	SW2SVA	LinStatic	0,006608	0,873	0	0	0
36	0,075	SW2SVA	LinStatic	0,006608	0,873	0	0	0
36	0	SISMAVA	LinStatic	0,37	5,74	0	0	0
36	0,075	SISMAVA	LinStatic	0,37	5,74	0	0	0
36	0	LM71SVB	LinStatic	-0,008027	-1,061	0	0	0
36	0,075	LM71SVB	LinStatic	-0,008027	-1,061	0	0	0
36	0	SW2SVB	LinStatic	-0,006608	-0,873	0	0	0
36	0,075	SW2SVB	LinStatic	-0,006608	-0,873	0	0	0
36	0	SISMAVB	LinStatic	-0,37	-5,74	0	0	0
36	0,075	SISMAVB	LinStatic	-0,37	-5,74	0	0	0
37	0	PP	LinStatic	-18,48	2,346	0	0	0
37	0,0375	PP	LinStatic	-18,198	2,346	0	0	0
37	0,075	PP	LinStatic	-17,917	2,346	0	0	0
37	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
37	0,0375	REINTSUP	LinStatic	-13,197	0,094	0	0	0
37	0,075	REINTSUP	LinStatic	-13,197	0,094	0	0	0
37	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
37	0,0375	BALLAST	LinStatic	-8,964	0,064	0	0	0
37	0,075	BALLAST	LinStatic	-8,964	0,064	0	0	0
37	0	STERRASX	LinStatic	3,492	39,648	0	0	0
37	0,0375	STERRASX	LinStatic	3,492	38,327	0	0	0
37	0,075	STERRASX	LinStatic	3,492	37,018	0	0	0
37	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
37	0,0375	STERRADX	LinStatic	-11,222	-6,407	0	0	0
37	0,075	STERRADX	LinStatic	-11,222	-6,407	0	0	0
37	0	TERMP	LinStatic	0,028	-1,106	0	0	0
37	0,0375	TERMP	LinStatic	0,028	-1,106	0	0	0
37	0,075	TERMP	LinStatic	0,028	-1,106	0	0	0
37	0	TERMN	LinStatic	-0,083	3,319	0	0	0
37	0,0375	TERMN	LinStatic	-0,083	3,319	0	0	0
37	0,075	TERMN	LinStatic	-0,083	3,319	0	0	0
37	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
37	0,0375	GRADTP	LinStatic	-4,349	4,359	0	0	0
37	0,075	GRADTP	LinStatic	-4,349	4,359	0	0	0
37	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
37	0,0375	GRADTN	LinStatic	4,349	-4,359	0	0	0
37	0,075	GRADTN	LinStatic	4,349	-4,359	0	0	0
37	0	LM71C	LinStatic	-37,899	0,27	0	0	0
37	0,0375	LM71C	LinStatic	-37,899	0,27	0	0	0
37	0,075	LM71C	LinStatic	-37,899	0,27	0	0	0
37	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
37	0,0375	LM71SX	LinStatic	-42,395	-0,153	0	0	0
37	0,075	LM71SX	LinStatic	-42,395	-0,153	0	0	0

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112 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
37	0	LM71DX	LinStatic	4,496	0,423	0	0	0
37	0,0375	LM71DX	LinStatic	4,496	0,423	0	0	0
37	0,075	LM71DX	LinStatic	4,496	0,423	0	0	0
37	0	STLM71	LinStatic	4,212	31,041	0	0	0
37	0,0375	STLM71	LinStatic	4,212	30,23	0	0	0
37	0,075	STLM71	LinStatic	4,212	29,419	0	0	0
37	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
37	0,0375	AVVLM71	LinStatic	12,017	7,591	0	0	0
37	0,075	AVVLM71	LinStatic	12,017	7,591	0	0	0
37	0	SW2	LinStatic	-31,213	0,222	0	0	0
37	0,0375	SW2	LinStatic	-31,213	0,222	0	0	0
37	0,075	SW2	LinStatic	-31,213	0,222	0	0	0
37	0	STSW2	LinStatic	3,47	25,573	0	0	0
37	0,0375	STSW2	LinStatic	3,47	24,905	0	0	0
37	0,075	STSW2	LinStatic	3,47	24,237	0	0	0
37	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
37	0,0375	FRENSW2	LinStatic	12,742	8,049	0	0	0
37	0,075	FRENSW2	LinStatic	12,742	8,049	0	0	0
37	0	SERP	LinStatic	0	0	0	0	0
37	0,0375	SERP	LinStatic	0	0	0	0	0
37	0,075	SERP	LinStatic	0	0	0	0	0
37	0	INCRTER	LinStatic	4,906	36,15	0	0	0
37	0,0375	INCRTER	LinStatic	4,906	35,205	0	0	0
37	0,075	INCRTER	LinStatic	4,906	34,261	0	0	0
37	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
37	0,0375	LM71SISO	LinStatic	4,303	2,718	0	0	0
37	0,075	LM71SISO	LinStatic	4,303	2,718	0	0	0
37	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
37	0,0375	SW2SISO	LinStatic	3,542	2,237	0	0	0
37	0,075	SW2SISO	LinStatic	3,542	2,237	0	0	0
37	0	SISMAO	LinStatic	15,884	12,824	0	0	0
37	0,0375	SISMAO	LinStatic	15,884	12,748	0	0	0
37	0,075	SISMAO	LinStatic	15,884	12,672	0	0	0
37	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
37	0,0375	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
37	0,075	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
37	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
37	0,0375	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
37	0,075	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
37	0	SISMAVA	LinStatic	6,069	-0,37	0	0	0
37	0,0375	SISMAVA	LinStatic	6,027	-0,37	0	0	0
37	0,075	SISMAVA	LinStatic	5,985	-0,37	0	0	0
37	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
37	0,0375	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
37	0,075	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
37	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
37	0,0375	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
37	0,075	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
37	0	SISMAVB	LinStatic	-6,069	0,37	0	0	0
37	0,0375	SISMAVB	LinStatic	-6,027	0,37	0	0	0
37	0,075	SISMAVB	LinStatic	-5,985	0,37	0	0	0
38	0	PP	LinStatic	-36,707	-9,457E-12	0	0	0
38	0,0375	PP	LinStatic	-36,988	-9,457E-12	0	0	0
38	0,075	PP	LinStatic	-37,269	-9,457E-12	0	0	0
38	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
38	0,0375	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
38	0,075	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
38	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
38	0,0375	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
38	0,075	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
38	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
38	0,0375	STERRASX	LinStatic	7,73	-12,791	0	0	0
38	0,075	STERRASX	LinStatic	7,73	-12,791	0	0	0
38	0	STERRADX	LinStatic	7,73	12,791	0	0	0
38	0,0375	STERRADX	LinStatic	7,73	12,791	0	0	0
38	0,075	STERRADX	LinStatic	7,73	12,791	0	0	0
38	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
38	0,0375	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
113 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
38	0,075	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
38	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
38	0,0375	TERMN	LinStatic	0,165	2,234E-12	0	0	0
38	0,075	TERMN	LinStatic	0,165	2,234E-12	0	0	0
38	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
38	0,0375	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
38	0,075	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
38	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
38	0,0375	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
38	0,075	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
38	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
38	0,0375	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
38	0,075	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
38	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
38	0,0375	LM71SX	LinStatic	-53,421	-0,577	0	0	0
38	0,075	LM71SX	LinStatic	-53,421	-0,577	0	0	0
38	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
38	0,0375	LM71DX	LinStatic	-53,421	0,577	0	0	0
38	0,075	LM71DX	LinStatic	-53,421	0,577	0	0	0
38	0	STLM71	LinStatic	6,532	-12,483	0	0	0
38	0,0375	STLM71	LinStatic	6,532	-12,483	0	0	0
38	0,075	STLM71	LinStatic	6,532	-12,483	0	0	0
38	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
38	0,0375	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
38	0,075	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
38	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
38	0,0375	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
38	0,075	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
38	0	STSW2	LinStatic	5,382	-10,284	0	0	0
38	0,0375	STSW2	LinStatic	5,382	-10,284	0	0	0
38	0,075	STSW2	LinStatic	5,382	-10,284	0	0	0
38	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
38	0,0375	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
38	0,075	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
38	0	SERP	LinStatic	0	0	0	0	0
38	0,0375	SERP	LinStatic	0	0	0	0	0
38	0,075	SERP	LinStatic	0	0	0	0	0
38	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
38	0,0375	INCRTER	LinStatic	7,607	-14,538	0	0	0
38	0,075	INCRTER	LinStatic	7,607	-14,538	0	0	0
38	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
38	0,0375	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
38	0,075	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
38	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
38	0,0375	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
38	0,075	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
38	0	SISMAO	LinStatic	-1,65E-10	-23,126	0	0	0
38	0,0375	SISMAO	LinStatic	-1,65E-10	-23,202	0	0	0
38	0,075	SISMAO	LinStatic	-1,65E-10	-23,278	0	0	0
38	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
38	0,0375	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
38	0,075	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
38	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
38	0,0375	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
38	0,075	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
38	0	SISMAVA	LinStatic	14,767	2,636E-12	0	0	0
38	0,0375	SISMAVA	LinStatic	14,809	2,636E-12	0	0	0
38	0,075	SISMAVA	LinStatic	14,851	2,636E-12	0	0	0
38	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
38	0,0375	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
38	0,075	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
38	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
38	0,0375	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
38	0,075	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
38	0	SISMAVB	LinStatic	-14,767	-2,636E-12	0	0	0
38	0,0375	SISMAVB	LinStatic	-14,809	-2,636E-12	0	0	0
38	0,075	SISMAVB	LinStatic	-14,851	-2,636E-12	0	0	0
39	0	PP	LinStatic	-18,48	-2,346	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
114 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
39	0,0375	PP	LinStatic	-18,198	-2,346	0	0	0
39	0,075	PP	LinStatic	-17,917	-2,346	0	0	0
39	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
39	0,0375	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
39	0,075	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
39	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
39	0,0375	BALLAST	LinStatic	-8,964	-0,064	0	0	0
39	0,075	BALLAST	LinStatic	-8,964	-0,064	0	0	0
39	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
39	0,0375	STERRASX	LinStatic	-11,222	6,407	0	0	0
39	0,075	STERRASX	LinStatic	-11,222	6,407	0	0	0
39	0	STERRADX	LinStatic	3,492	-39,648	0	0	0
39	0,0375	STERRADX	LinStatic	3,492	-38,327	0	0	0
39	0,075	STERRADX	LinStatic	3,492	-37,018	0	0	0
39	0	TERMP	LinStatic	0,028	1,106	0	0	0
39	0,0375	TERMP	LinStatic	0,028	1,106	0	0	0
39	0,075	TERMP	LinStatic	0,028	1,106	0	0	0
39	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
39	0,0375	TERMN	LinStatic	-0,083	-3,319	0	0	0
39	0,075	TERMN	LinStatic	-0,083	-3,319	0	0	0
39	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
39	0,0375	GRADTP	LinStatic	-4,349	-4,359	0	0	0
39	0,075	GRADTP	LinStatic	-4,349	-4,359	0	0	0
39	0	GRADTN	LinStatic	4,349	4,359	0	0	0
39	0,0375	GRADTN	LinStatic	4,349	4,359	0	0	0
39	0,075	GRADTN	LinStatic	4,349	4,359	0	0	0
39	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
39	0,0375	LM71C	LinStatic	-37,899	-0,27	0	0	0
39	0,075	LM71C	LinStatic	-37,899	-0,27	0	0	0
39	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
39	0,0375	LM71SX	LinStatic	4,496	-0,423	0	0	0
39	0,075	LM71SX	LinStatic	4,496	-0,423	0	0	0
39	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
39	0,0375	LM71DX	LinStatic	-42,395	0,153	0	0	0
39	0,075	LM71DX	LinStatic	-42,395	0,153	0	0	0
39	0	STLM71	LinStatic	-10,745	6,225	0	0	0
39	0,0375	STLM71	LinStatic	-10,745	6,225	0	0	0
39	0,075	STLM71	LinStatic	-10,745	6,225	0	0	0
39	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
39	0,0375	AVVLM71	LinStatic	-12,017	7,591	0	0	0
39	0,075	AVVLM71	LinStatic	-12,017	7,591	0	0	0
39	0	SW2	LinStatic	-31,213	-0,222	0	0	0
39	0,0375	SW2	LinStatic	-31,213	-0,222	0	0	0
39	0,075	SW2	LinStatic	-31,213	-0,222	0	0	0
39	0	STSW2	LinStatic	-8,852	5,128	0	0	0
39	0,0375	STSW2	LinStatic	-8,852	5,128	0	0	0
39	0,075	STSW2	LinStatic	-8,852	5,128	0	0	0
39	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
39	0,0375	FRENSW2	LinStatic	-12,742	8,049	0	0	0
39	0,075	FRENSW2	LinStatic	-12,742	8,049	0	0	0
39	0	SERP	LinStatic	0	0	0	0	0
39	0,0375	SERP	LinStatic	0	0	0	0	0
39	0,075	SERP	LinStatic	0	0	0	0	0
39	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
39	0,0375	INCRTER	LinStatic	-12,513	7,249	0	0	0
39	0,075	INCRTER	LinStatic	-12,513	7,249	0	0	0
39	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
39	0,0375	LM71SISO	LinStatic	-4,303	2,718	0	0	0
39	0,075	LM71SISO	LinStatic	-4,303	2,718	0	0	0
39	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
39	0,0375	SW2SISO	LinStatic	-3,542	2,237	0	0	0
39	0,075	SW2SISO	LinStatic	-3,542	2,237	0	0	0
39	0	SISMAO	LinStatic	-15,884	12,824	0	0	0
39	0,0375	SISMAO	LinStatic	-15,884	12,748	0	0	0
39	0,075	SISMAO	LinStatic	-15,884	12,672	0	0	0
39	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
39	0,0375	LM71SVA	LinStatic	1,127	0,008027	0	0	0
39	0,075	LM71SVA	LinStatic	1,127	0,008027	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
115 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
39	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
39	0,0375	SW2SVA	LinStatic	0,928	0,006608	0	0	0
39	0,075	SW2SVA	LinStatic	0,928	0,006608	0	0	0
39	0	SISMAVA	LinStatic	6,069	0,37	0	0	0
39	0,0375	SISMAVA	LinStatic	6,027	0,37	0	0	0
39	0,075	SISMAVA	LinStatic	5,985	0,37	0	0	0
39	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
39	0,0375	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
39	0,075	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
39	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
39	0,0375	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
39	0,075	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
39	0	SISMAVB	LinStatic	-6,069	-0,37	0	0	0
39	0,0375	SISMAVB	LinStatic	-6,027	-0,37	0	0	0
39	0,075	SISMAVB	LinStatic	-5,985	-0,37	0	0	0
40	0	PP	LinStatic	-17,917	2,346	0	0	0
40	0,0375	PP	LinStatic	-17,636	2,346	0	0	0
40	0,075	PP	LinStatic	-17,355	2,346	0	0	0
40	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
40	0,0375	REINTSUP	LinStatic	-13,197	0,094	0	0	0
40	0,075	REINTSUP	LinStatic	-13,197	0,094	0	0	0
40	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
40	0,0375	BALLAST	LinStatic	-8,964	0,064	0	0	0
40	0,075	BALLAST	LinStatic	-8,964	0,064	0	0	0
40	0	STERRASX	LinStatic	3,492	37,018	0	0	0
40	0,0375	STERRASX	LinStatic	3,492	35,721	0	0	0
40	0,075	STERRASX	LinStatic	3,492	34,436	0	0	0
40	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
40	0,0375	STERRADX	LinStatic	-11,222	-6,407	0	0	0
40	0,075	STERRADX	LinStatic	-11,222	-6,407	0	0	0
40	0	TERMP	LinStatic	0,028	-1,106	0	0	0
40	0,0375	TERMP	LinStatic	0,028	-1,106	0	0	0
40	0,075	TERMP	LinStatic	0,028	-1,106	0	0	0
40	0	TERMN	LinStatic	-0,083	3,319	0	0	0
40	0,0375	TERMN	LinStatic	-0,083	3,319	0	0	0
40	0,075	TERMN	LinStatic	-0,083	3,319	0	0	0
40	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
40	0,0375	GRADTP	LinStatic	-4,349	4,359	0	0	0
40	0,075	GRADTP	LinStatic	-4,349	4,359	0	0	0
40	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
40	0,0375	GRADTN	LinStatic	4,349	-4,359	0	0	0
40	0,075	GRADTN	LinStatic	4,349	-4,359	0	0	0
40	0	LM71C	LinStatic	-37,899	0,27	0	0	0
40	0,0375	LM71C	LinStatic	-37,899	0,27	0	0	0
40	0,075	LM71C	LinStatic	-37,899	0,27	0	0	0
40	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
40	0,0375	LM71SX	LinStatic	-42,395	-0,153	0	0	0
40	0,075	LM71SX	LinStatic	-42,395	-0,153	0	0	0
40	0	LM71DX	LinStatic	4,496	0,423	0	0	0
40	0,0375	LM71DX	LinStatic	4,496	0,423	0	0	0
40	0,075	LM71DX	LinStatic	4,496	0,423	0	0	0
40	0	STLM71	LinStatic	4,212	29,419	0	0	0
40	0,0375	STLM71	LinStatic	4,212	28,608	0	0	0
40	0,075	STLM71	LinStatic	4,212	27,796	0	0	0
40	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
40	0,0375	AVVLM71	LinStatic	12,017	7,591	0	0	0
40	0,075	AVVLM71	LinStatic	12,017	7,591	0	0	0
40	0	SW2	LinStatic	-31,213	0,222	0	0	0
40	0,0375	SW2	LinStatic	-31,213	0,222	0	0	0
40	0,075	SW2	LinStatic	-31,213	0,222	0	0	0
40	0	STSW2	LinStatic	3,47	24,237	0	0	0
40	0,0375	STSW2	LinStatic	3,47	23,568	0	0	0
40	0,075	STSW2	LinStatic	3,47	22,9	0	0	0
40	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
40	0,0375	FRENSW2	LinStatic	12,742	8,049	0	0	0
40	0,075	FRENSW2	LinStatic	12,742	8,049	0	0	0
40	0	SERP	LinStatic	0	0	0	0	0
40	0,0375	SERP	LinStatic	0	0	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
40	0,075	SERP	LinStatic	0	0	0	0	0
40	0	INCRTER	LinStatic	4,906	34,261	0	0	0
40	0,0375	INCRTER	LinStatic	4,906	33,316	0	0	0
40	0,075	INCRTER	LinStatic	4,906	32,371	0	0	0
40	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
40	0,0375	LM71SISO	LinStatic	4,303	2,718	0	0	0
40	0,075	LM71SISO	LinStatic	4,303	2,718	0	0	0
40	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
40	0,0375	SW2SISO	LinStatic	3,542	2,237	0	0	0
40	0,075	SW2SISO	LinStatic	3,542	2,237	0	0	0
40	0	SISMAO	LinStatic	15,884	12,672	0	0	0
40	0,0375	SISMAO	LinStatic	15,884	12,596	0	0	0
40	0,075	SISMAO	LinStatic	15,884	12,52	0	0	0
40	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
40	0,0375	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
40	0,075	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
40	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
40	0,0375	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
40	0,075	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
40	0	SISMAVA	LinStatic	5,985	-0,37	0	0	0
40	0,0375	SISMAVA	LinStatic	5,943	-0,37	0	0	0
40	0,075	SISMAVA	LinStatic	5,901	-0,37	0	0	0
40	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
40	0,0375	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
40	0,075	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
40	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
40	0,0375	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
40	0,075	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
40	0	SISMAVB	LinStatic	-5,985	0,37	0	0	0
40	0,0375	SISMAVB	LinStatic	-5,943	0,37	0	0	0
40	0,075	SISMAVB	LinStatic	-5,901	0,37	0	0	0
41	0	PP	LinStatic	-36,144	-9,457E-12	0	0	0
41	0,0375	PP	LinStatic	-36,425	-9,457E-12	0	0	0
41	0,075	PP	LinStatic	-36,707	-9,457E-12	0	0	0
41	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
41	0,0375	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
41	0,075	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
41	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
41	0,0375	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
41	0,075	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
41	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
41	0,0375	STERRASX	LinStatic	7,73	-12,791	0	0	0
41	0,075	STERRASX	LinStatic	7,73	-12,791	0	0	0
41	0	STERRADX	LinStatic	7,73	12,791	0	0	0
41	0,0375	STERRADX	LinStatic	7,73	12,791	0	0	0
41	0,075	STERRADX	LinStatic	7,73	12,791	0	0	0
41	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
41	0,0375	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
41	0,075	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
41	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
41	0,0375	TERMN	LinStatic	0,165	2,234E-12	0	0	0
41	0,075	TERMN	LinStatic	0,165	2,234E-12	0	0	0
41	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
41	0,0375	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
41	0,075	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
41	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
41	0,0375	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
41	0,075	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
41	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
41	0,0375	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
41	0,075	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
41	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
41	0,0375	LM71SX	LinStatic	-53,421	-0,577	0	0	0
41	0,075	LM71SX	LinStatic	-53,421	-0,577	0	0	0
41	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
41	0,0375	LM71DX	LinStatic	-53,421	0,577	0	0	0
41	0,075	LM71DX	LinStatic	-53,421	0,577	0	0	0
41	0	STLM71	LinStatic	6,532	-12,483	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
117 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
41	0,0375	STLM71	LinStatic	6,532	-12,483	0	0	0
41	0,075	STLM71	LinStatic	6,532	-12,483	0	0	0
41	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
41	0,0375	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
41	0,075	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
41	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
41	0,0375	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
41	0,075	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
41	0	STSW2	LinStatic	5,382	-10,284	0	0	0
41	0,0375	STSW2	LinStatic	5,382	-10,284	0	0	0
41	0,075	STSW2	LinStatic	5,382	-10,284	0	0	0
41	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
41	0,0375	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
41	0,075	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
41	0	SERP	LinStatic	0	0	0	0	0
41	0,0375	SERP	LinStatic	0	0	0	0	0
41	0,075	SERP	LinStatic	0	0	0	0	0
41	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
41	0,0375	INCRTER	LinStatic	7,607	-14,538	0	0	0
41	0,075	INCRTER	LinStatic	7,607	-14,538	0	0	0
41	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
41	0,0375	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
41	0,075	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
41	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
41	0,0375	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
41	0,075	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
41	0	SISMAO	LinStatic	-1,65E-10	-22,974	0	0	0
41	0,0375	SISMAO	LinStatic	-1,65E-10	-23,05	0	0	0
41	0,075	SISMAO	LinStatic	-1,65E-10	-23,126	0	0	0
41	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
41	0,0375	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
41	0,075	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
41	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
41	0,0375	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
41	0,075	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
41	0	SISMAVA	LinStatic	14,683	2,636E-12	0	0	0
41	0,0375	SISMAVA	LinStatic	14,725	2,636E-12	0	0	0
41	0,075	SISMAVA	LinStatic	14,767	2,636E-12	0	0	0
41	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
41	0,0375	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
41	0,075	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
41	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
41	0,0375	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
41	0,075	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
41	0	SISMAVB	LinStatic	-14,683	-2,636E-12	0	0	0
41	0,0375	SISMAVB	LinStatic	-14,725	-2,636E-12	0	0	0
41	0,075	SISMAVB	LinStatic	-14,767	-2,636E-12	0	0	0
42	0	PP	LinStatic	-17,917	-2,346	0	0	0
42	0,0375	PP	LinStatic	-17,636	-2,346	0	0	0
42	0,075	PP	LinStatic	-17,355	-2,346	0	0	0
42	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
42	0,0375	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
42	0,075	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
42	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
42	0,0375	BALLAST	LinStatic	-8,964	-0,064	0	0	0
42	0,075	BALLAST	LinStatic	-8,964	-0,064	0	0	0
42	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
42	0,0375	STERRASX	LinStatic	-11,222	6,407	0	0	0
42	0,075	STERRASX	LinStatic	-11,222	6,407	0	0	0
42	0	STERRADX	LinStatic	3,492	-37,018	0	0	0
42	0,0375	STERRADX	LinStatic	3,492	-35,721	0	0	0
42	0,075	STERRADX	LinStatic	3,492	-34,436	0	0	0
42	0	TERMP	LinStatic	0,028	1,106	0	0	0
42	0,0375	TERMP	LinStatic	0,028	1,106	0	0	0
42	0,075	TERMP	LinStatic	0,028	1,106	0	0	0
42	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
42	0,0375	TERMN	LinStatic	-0,083	-3,319	0	0	0
42	0,075	TERMN	LinStatic	-0,083	-3,319	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
118 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
42	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
42	0,0375	GRADTP	LinStatic	-4,349	-4,359	0	0	0
42	0,075	GRADTP	LinStatic	-4,349	-4,359	0	0	0
42	0	GRADTN	LinStatic	4,349	4,359	0	0	0
42	0,0375	GRADTN	LinStatic	4,349	4,359	0	0	0
42	0,075	GRADTN	LinStatic	4,349	4,359	0	0	0
42	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
42	0,0375	LM71C	LinStatic	-37,899	-0,27	0	0	0
42	0,075	LM71C	LinStatic	-37,899	-0,27	0	0	0
42	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
42	0,0375	LM71SX	LinStatic	4,496	-0,423	0	0	0
42	0,075	LM71SX	LinStatic	4,496	-0,423	0	0	0
42	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
42	0,0375	LM71DX	LinStatic	-42,395	0,153	0	0	0
42	0,075	LM71DX	LinStatic	-42,395	0,153	0	0	0
42	0	STLM71	LinStatic	-10,745	6,225	0	0	0
42	0,0375	STLM71	LinStatic	-10,745	6,225	0	0	0
42	0,075	STLM71	LinStatic	-10,745	6,225	0	0	0
42	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
42	0,0375	AVVLM71	LinStatic	-12,017	7,591	0	0	0
42	0,075	AVVLM71	LinStatic	-12,017	7,591	0	0	0
42	0	SW2	LinStatic	-31,213	-0,222	0	0	0
42	0,0375	SW2	LinStatic	-31,213	-0,222	0	0	0
42	0,075	SW2	LinStatic	-31,213	-0,222	0	0	0
42	0	STSW2	LinStatic	-8,852	5,128	0	0	0
42	0,0375	STSW2	LinStatic	-8,852	5,128	0	0	0
42	0,075	STSW2	LinStatic	-8,852	5,128	0	0	0
42	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
42	0,0375	FRENSW2	LinStatic	-12,742	8,049	0	0	0
42	0,075	FRENSW2	LinStatic	-12,742	8,049	0	0	0
42	0	SERP	LinStatic	0	0	0	0	0
42	0,0375	SERP	LinStatic	0	0	0	0	0
42	0,075	SERP	LinStatic	0	0	0	0	0
42	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
42	0,0375	INCRTER	LinStatic	-12,513	7,249	0	0	0
42	0,075	INCRTER	LinStatic	-12,513	7,249	0	0	0
42	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
42	0,0375	LM71SISO	LinStatic	-4,303	2,718	0	0	0
42	0,075	LM71SISO	LinStatic	-4,303	2,718	0	0	0
42	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
42	0,0375	SW2SISO	LinStatic	-3,542	2,237	0	0	0
42	0,075	SW2SISO	LinStatic	-3,542	2,237	0	0	0
42	0	SISMAO	LinStatic	-15,884	12,672	0	0	0
42	0,0375	SISMAO	LinStatic	-15,884	12,596	0	0	0
42	0,075	SISMAO	LinStatic	-15,884	12,52	0	0	0
42	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
42	0,0375	LM71SVA	LinStatic	1,127	0,008027	0	0	0
42	0,075	LM71SVA	LinStatic	1,127	0,008027	0	0	0
42	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
42	0,0375	SW2SVA	LinStatic	0,928	0,006608	0	0	0
42	0,075	SW2SVA	LinStatic	0,928	0,006608	0	0	0
42	0	SISMAVA	LinStatic	5,985	0,37	0	0	0
42	0,0375	SISMAVA	LinStatic	5,943	0,37	0	0	0
42	0,075	SISMAVA	LinStatic	5,901	0,37	0	0	0
42	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
42	0,0375	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
42	0,075	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
42	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
42	0,0375	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
42	0,075	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
42	0	SISMAVB	LinStatic	-5,985	-0,37	0	0	0
42	0,0375	SISMAVB	LinStatic	-5,943	-0,37	0	0	0
42	0,075	SISMAVB	LinStatic	-5,901	-0,37	0	0	0
43	0	PP	LinStatic	-17,355	2,346	0	0	0
43	0,25	PP	LinStatic	-15,48	2,346	0	0	0
43	0,5	PP	LinStatic	-13,606	2,346	0	0	0
43	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
43	0,25	REINTSUP	LinStatic	-13,197	0,094	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
119 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
43	0,5	REINTSUP	LinStatic	-13,197	0,094	0	0	0
43	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
43	0,25	BALLAST	LinStatic	-8,964	0,064	0	0	0
43	0,5	BALLAST	LinStatic	-8,964	0,064	0	0	0
43	0	STERRASX	LinStatic	3,492	34,436	0	0	0
43	0,25	STERRASX	LinStatic	3,492	26,174	0	0	0
43	0,5	STERRASX	LinStatic	3,492	18,446	0	0	0
43	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
43	0,25	STERRADX	LinStatic	-11,222	-6,407	0	0	0
43	0,5	STERRADX	LinStatic	-11,222	-6,407	0	0	0
43	0	TERMP	LinStatic	0,028	-1,106	0	0	0
43	0,25	TERMP	LinStatic	0,028	-1,106	0	0	0
43	0,5	TERMP	LinStatic	0,028	-1,106	0	0	0
43	0	TERMN	LinStatic	-0,083	3,319	0	0	0
43	0,25	TERMN	LinStatic	-0,083	3,319	0	0	0
43	0,5	TERMN	LinStatic	-0,083	3,319	0	0	0
43	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
43	0,25	GRADTP	LinStatic	-4,349	4,359	0	0	0
43	0,5	GRADTP	LinStatic	-4,349	4,359	0	0	0
43	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
43	0,25	GRADTN	LinStatic	4,349	-4,359	0	0	0
43	0,5	GRADTN	LinStatic	4,349	-4,359	0	0	0
43	0	LM71C	LinStatic	-37,899	0,27	0	0	0
43	0,25	LM71C	LinStatic	-37,899	0,27	0	0	0
43	0,5	LM71C	LinStatic	-37,899	0,27	0	0	0
43	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
43	0,25	LM71SX	LinStatic	-42,395	-0,153	0	0	0
43	0,5	LM71SX	LinStatic	-42,395	-0,153	0	0	0
43	0	LM71DX	LinStatic	4,496	0,423	0	0	0
43	0,25	LM71DX	LinStatic	4,496	0,423	0	0	0
43	0,5	LM71DX	LinStatic	4,496	0,423	0	0	0
43	0	STLM71	LinStatic	4,212	27,796	0	0	0
43	0,25	STLM71	LinStatic	4,212	22,389	0	0	0
43	0,5	STLM71	LinStatic	4,212	16,981	0	0	0
43	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
43	0,25	AVVLM71	LinStatic	12,017	7,591	0	0	0
43	0,5	AVVLM71	LinStatic	12,017	7,591	0	0	0
43	0	SW2	LinStatic	-31,213	0,222	0	0	0
43	0,25	SW2	LinStatic	-31,213	0,222	0	0	0
43	0,5	SW2	LinStatic	-31,213	0,222	0	0	0
43	0	STSW2	LinStatic	3,47	22,9	0	0	0
43	0,25	STSW2	LinStatic	3,47	18,445	0	0	0
43	0,5	STSW2	LinStatic	3,47	13,99	0	0	0
43	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
43	0,25	FRENSW2	LinStatic	12,742	8,049	0	0	0
43	0,5	FRENSW2	LinStatic	12,742	8,049	0	0	0
43	0	SERP	LinStatic	0	0	0	0	0
43	0,25	SERP	LinStatic	0	0	0	0	0
43	0,5	SERP	LinStatic	0	0	0	0	0
43	0	INCRTER	LinStatic	4,906	32,371	0	0	0
43	0,25	INCRTER	LinStatic	4,906	26,074	0	0	0
43	0,5	INCRTER	LinStatic	4,906	19,776	0	0	0
43	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
43	0,25	LM71SISO	LinStatic	4,303	2,718	0	0	0
43	0,5	LM71SISO	LinStatic	4,303	2,718	0	0	0
43	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
43	0,25	SW2SISO	LinStatic	3,542	2,237	0	0	0
43	0,5	SW2SISO	LinStatic	3,542	2,237	0	0	0
43	0	SISMAO	LinStatic	15,884	12,52	0	0	0
43	0,25	SISMAO	LinStatic	15,884	12,012	0	0	0
43	0,5	SISMAO	LinStatic	15,884	11,505	0	0	0
43	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
43	0,25	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
43	0,5	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
43	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
43	0,25	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
43	0,5	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
43	0	SISMAVA	LinStatic	5,901	-0,37	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
43	0,25	SISMAVA	LinStatic	5,621	-0,37	0	0	0
43	0,5	SISMAVA	LinStatic	5,341	-0,37	0	0	0
43	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
43	0,25	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
43	0,5	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
43	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
43	0,25	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
43	0,5	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
43	0	SISMAVB	LinStatic	-5,901	0,37	0	0	0
43	0,25	SISMAVB	LinStatic	-5,621	0,37	0	0	0
43	0,5	SISMAVB	LinStatic	-5,341	0,37	0	0	0
44	0	PP	LinStatic	-32,395	-9,457E-12	0	0	0
44	0,25	PP	LinStatic	-34,27	-9,457E-12	0	0	0
44	0,5	PP	LinStatic	-36,144	-9,457E-12	0	0	0
44	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
44	0,25	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
44	0,5	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
44	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
44	0,25	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
44	0,5	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
44	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
44	0,25	STERRASX	LinStatic	7,73	-12,791	0	0	0
44	0,5	STERRASX	LinStatic	7,73	-12,791	0	0	0
44	0	STERRADX	LinStatic	7,73	12,791	0	0	0
44	0,25	STERRADX	LinStatic	7,73	12,791	0	0	0
44	0,5	STERRADX	LinStatic	7,73	12,791	0	0	0
44	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
44	0,25	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
44	0,5	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
44	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
44	0,25	TERMN	LinStatic	0,165	2,234E-12	0	0	0
44	0,5	TERMN	LinStatic	0,165	2,234E-12	0	0	0
44	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
44	0,25	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
44	0,5	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
44	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
44	0,25	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
44	0,5	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
44	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
44	0,25	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
44	0,5	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
44	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
44	0,25	LM71SX	LinStatic	-53,421	-0,577	0	0	0
44	0,5	LM71SX	LinStatic	-53,421	-0,577	0	0	0
44	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
44	0,25	LM71DX	LinStatic	-53,421	0,577	0	0	0
44	0,5	LM71DX	LinStatic	-53,421	0,577	0	0	0
44	0	STLM71	LinStatic	6,532	-12,483	0	0	0
44	0,25	STLM71	LinStatic	6,532	-12,483	0	0	0
44	0,5	STLM71	LinStatic	6,532	-12,483	0	0	0
44	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
44	0,25	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
44	0,5	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
44	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
44	0,25	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
44	0,5	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
44	0	STSW2	LinStatic	5,382	-10,284	0	0	0
44	0,25	STSW2	LinStatic	5,382	-10,284	0	0	0
44	0,5	STSW2	LinStatic	5,382	-10,284	0	0	0
44	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
44	0,25	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
44	0,5	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
44	0	SERP	LinStatic	0	0	0	0	0
44	0,25	SERP	LinStatic	0	0	0	0	0
44	0,5	SERP	LinStatic	0	0	0	0	0
44	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
44	0,25	INCRTER	LinStatic	7,607	-14,538	0	0	0
44	0,5	INCRTER	LinStatic	7,607	-14,538	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
121 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
44	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
44	0,25	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
44	0,5	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
44	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
44	0,25	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
44	0,5	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
44	0	SISMAO	LinStatic	-1,65E-10	-21,959	0	0	0
44	0,25	SISMAO	LinStatic	-1,65E-10	-22,466	0	0	0
44	0,5	SISMAO	LinStatic	-1,65E-10	-22,974	0	0	0
44	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
44	0,25	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
44	0,5	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
44	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
44	0,25	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
44	0,5	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
44	0	SISMAVA	LinStatic	14,123	2,636E-12	0	0	0
44	0,25	SISMAVA	LinStatic	14,403	2,636E-12	0	0	0
44	0,5	SISMAVA	LinStatic	14,683	2,636E-12	0	0	0
44	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
44	0,25	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
44	0,5	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
44	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
44	0,25	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
44	0,5	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
44	0	SISMAVB	LinStatic	-14,123	-2,636E-12	0	0	0
44	0,25	SISMAVB	LinStatic	-14,403	-2,636E-12	0	0	0
44	0,5	SISMAVB	LinStatic	-14,683	-2,636E-12	0	0	0
45	0	PP	LinStatic	-17,355	-2,346	0	0	0
45	0,25	PP	LinStatic	-15,48	-2,346	0	0	0
45	0,5	PP	LinStatic	-13,606	-2,346	0	0	0
45	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
45	0,25	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
45	0,5	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
45	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
45	0,25	BALLAST	LinStatic	-8,964	-0,064	0	0	0
45	0,5	BALLAST	LinStatic	-8,964	-0,064	0	0	0
45	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
45	0,25	STERRASX	LinStatic	-11,222	6,407	0	0	0
45	0,5	STERRASX	LinStatic	-11,222	6,407	0	0	0
45	0	STERRADX	LinStatic	3,492	-34,436	0	0	0
45	0,25	STERRADX	LinStatic	3,492	-26,174	0	0	0
45	0,5	STERRADX	LinStatic	3,492	-18,446	0	0	0
45	0	TERMP	LinStatic	0,028	1,106	0	0	0
45	0,25	TERMP	LinStatic	0,028	1,106	0	0	0
45	0,5	TERMP	LinStatic	0,028	1,106	0	0	0
45	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
45	0,25	TERMN	LinStatic	-0,083	-3,319	0	0	0
45	0,5	TERMN	LinStatic	-0,083	-3,319	0	0	0
45	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
45	0,25	GRADTP	LinStatic	-4,349	-4,359	0	0	0
45	0,5	GRADTP	LinStatic	-4,349	-4,359	0	0	0
45	0	GRADTN	LinStatic	4,349	4,359	0	0	0
45	0,25	GRADTN	LinStatic	4,349	4,359	0	0	0
45	0,5	GRADTN	LinStatic	4,349	4,359	0	0	0
45	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
45	0,25	LM71C	LinStatic	-37,899	-0,27	0	0	0
45	0,5	LM71C	LinStatic	-37,899	-0,27	0	0	0
45	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
45	0,25	LM71SX	LinStatic	4,496	-0,423	0	0	0
45	0,5	LM71SX	LinStatic	4,496	-0,423	0	0	0
45	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
45	0,25	LM71DX	LinStatic	-42,395	0,153	0	0	0
45	0,5	LM71DX	LinStatic	-42,395	0,153	0	0	0
45	0	STLM71	LinStatic	-10,745	6,225	0	0	0
45	0,25	STLM71	LinStatic	-10,745	6,225	0	0	0
45	0,5	STLM71	LinStatic	-10,745	6,225	0	0	0
45	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
45	0,25	AVVLM71	LinStatic	-12,017	7,591	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
45	0,5	AVVLM71	LinStatic	-12,017	7,591	0	0	0
45	0	SW2	LinStatic	-31,213	-0,222	0	0	0
45	0,25	SW2	LinStatic	-31,213	-0,222	0	0	0
45	0,5	SW2	LinStatic	-31,213	-0,222	0	0	0
45	0	STSW2	LinStatic	-8,852	5,128	0	0	0
45	0,25	STSW2	LinStatic	-8,852	5,128	0	0	0
45	0,5	STSW2	LinStatic	-8,852	5,128	0	0	0
45	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
45	0,25	FRENSW2	LinStatic	-12,742	8,049	0	0	0
45	0,5	FRENSW2	LinStatic	-12,742	8,049	0	0	0
45	0	SERP	LinStatic	0	0	0	0	0
45	0,25	SERP	LinStatic	0	0	0	0	0
45	0,5	SERP	LinStatic	0	0	0	0	0
45	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
45	0,25	INCRTER	LinStatic	-12,513	7,249	0	0	0
45	0,5	INCRTER	LinStatic	-12,513	7,249	0	0	0
45	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
45	0,25	LM71SISO	LinStatic	-4,303	2,718	0	0	0
45	0,5	LM71SISO	LinStatic	-4,303	2,718	0	0	0
45	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
45	0,25	SW2SISO	LinStatic	-3,542	2,237	0	0	0
45	0,5	SW2SISO	LinStatic	-3,542	2,237	0	0	0
45	0	SISMAO	LinStatic	-15,884	12,52	0	0	0
45	0,25	SISMAO	LinStatic	-15,884	12,012	0	0	0
45	0,5	SISMAO	LinStatic	-15,884	11,505	0	0	0
45	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
45	0,25	LM71SVA	LinStatic	1,127	0,008027	0	0	0
45	0,5	LM71SVA	LinStatic	1,127	0,008027	0	0	0
45	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
45	0,25	SW2SVA	LinStatic	0,928	0,006608	0	0	0
45	0,5	SW2SVA	LinStatic	0,928	0,006608	0	0	0
45	0	SISMAVA	LinStatic	5,901	0,37	0	0	0
45	0,25	SISMAVA	LinStatic	5,621	0,37	0	0	0
45	0,5	SISMAVA	LinStatic	5,341	0,37	0	0	0
45	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
45	0,25	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
45	0,5	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
45	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
45	0,25	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
45	0,5	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
45	0	SISMAVB	LinStatic	-5,901	-0,37	0	0	0
45	0,25	SISMAVB	LinStatic	-5,621	-0,37	0	0	0
45	0,5	SISMAVB	LinStatic	-5,341	-0,37	0	0	0
46	0	PP	LinStatic	-13,606	2,346	0	0	0
46	0,25	PP	LinStatic	-11,732	2,346	0	0	0
46	0,5	PP	LinStatic	-9,857	2,346	0	0	0
46	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
46	0,25	REINTSUP	LinStatic	-13,197	0,094	0	0	0
46	0,5	REINTSUP	LinStatic	-13,197	0,094	0	0	0
46	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
46	0,25	BALLAST	LinStatic	-8,964	0,064	0	0	0
46	0,5	BALLAST	LinStatic	-8,964	0,064	0	0	0
46	0	STERRASX	LinStatic	3,492	18,446	0	0	0
46	0,25	STERRASX	LinStatic	3,492	11,25	0	0	0
46	0,5	STERRASX	LinStatic	3,492	4,588	0	0	0
46	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
46	0,25	STERRADX	LinStatic	-11,222	-6,407	0	0	0
46	0,5	STERRADX	LinStatic	-11,222	-6,407	0	0	0
46	0	TERMP	LinStatic	0,028	-1,106	0	0	0
46	0,25	TERMP	LinStatic	0,028	-1,106	0	0	0
46	0,5	TERMP	LinStatic	0,028	-1,106	0	0	0
46	0	TERMN	LinStatic	-0,083	3,319	0	0	0
46	0,25	TERMN	LinStatic	-0,083	3,319	0	0	0
46	0,5	TERMN	LinStatic	-0,083	3,319	0	0	0
46	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
46	0,25	GRADTP	LinStatic	-4,349	4,359	0	0	0
46	0,5	GRADTP	LinStatic	-4,349	4,359	0	0	0
46	0	GRADTN	LinStatic	4,349	-4,359	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
123 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
46	0,25	GRADTN	LinStatic	4,349	-4,359	0	0	0
46	0,5	GRADTN	LinStatic	4,349	-4,359	0	0	0
46	0	LM71C	LinStatic	-37,899	0,27	0	0	0
46	0,25	LM71C	LinStatic	-37,899	0,27	0	0	0
46	0,5	LM71C	LinStatic	-37,899	0,27	0	0	0
46	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
46	0,25	LM71SX	LinStatic	-42,395	-0,153	0	0	0
46	0,5	LM71SX	LinStatic	-42,395	-0,153	0	0	0
46	0	LM71DX	LinStatic	4,496	0,423	0	0	0
46	0,25	LM71DX	LinStatic	4,496	0,423	0	0	0
46	0,5	LM71DX	LinStatic	4,496	0,423	0	0	0
46	0	STLM71	LinStatic	4,212	16,981	0	0	0
46	0,25	STLM71	LinStatic	4,212	11,574	0	0	0
46	0,5	STLM71	LinStatic	4,212	6,166	0	0	0
46	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
46	0,25	AVVLM71	LinStatic	12,017	7,591	0	0	0
46	0,5	AVVLM71	LinStatic	12,017	7,591	0	0	0
46	0	SW2	LinStatic	-31,213	0,222	0	0	0
46	0,25	SW2	LinStatic	-31,213	0,222	0	0	0
46	0,5	SW2	LinStatic	-31,213	0,222	0	0	0
46	0	STSW2	LinStatic	3,47	13,99	0	0	0
46	0,25	STSW2	LinStatic	3,47	9,535	0	0	0
46	0,5	STSW2	LinStatic	3,47	5,08	0	0	0
46	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
46	0,25	FRENSW2	LinStatic	12,742	8,049	0	0	0
46	0,5	FRENSW2	LinStatic	12,742	8,049	0	0	0
46	0	SERP	LinStatic	0	0	0	0	0
46	0,25	SERP	LinStatic	0	0	0	0	0
46	0,5	SERP	LinStatic	0	0	0	0	0
46	0	INCRTER	LinStatic	4,906	19,776	0	0	0
46	0,25	INCRTER	LinStatic	4,906	13,479	0	0	0
46	0,5	INCRTER	LinStatic	4,906	7,181	0	0	0
46	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
46	0,25	LM71SISO	LinStatic	4,303	2,718	0	0	0
46	0,5	LM71SISO	LinStatic	4,303	2,718	0	0	0
46	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
46	0,25	SW2SISO	LinStatic	3,542	2,237	0	0	0
46	0,5	SW2SISO	LinStatic	3,542	2,237	0	0	0
46	0	SISMAO	LinStatic	15,884	11,505	0	0	0
46	0,25	SISMAO	LinStatic	15,884	10,997	0	0	0
46	0,5	SISMAO	LinStatic	15,884	10,49	0	0	0
46	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
46	0,25	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
46	0,5	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
46	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
46	0,25	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
46	0,5	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
46	0	SISMAVA	LinStatic	5,341	-0,37	0	0	0
46	0,25	SISMAVA	LinStatic	5,061	-0,37	0	0	0
46	0,5	SISMAVA	LinStatic	4,781	-0,37	0	0	0
46	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
46	0,25	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
46	0,5	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
46	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
46	0,25	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
46	0,5	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
46	0	SISMAVB	LinStatic	-5,341	0,37	0	0	0
46	0,25	SISMAVB	LinStatic	-5,061	0,37	0	0	0
46	0,5	SISMAVB	LinStatic	-4,781	0,37	0	0	0
47	0	PP	LinStatic	-28,646	-9,457E-12	0	0	0
47	0,25	PP	LinStatic	-30,521	-9,457E-12	0	0	0
47	0,5	PP	LinStatic	-32,395	-9,457E-12	0	0	0
47	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
47	0,25	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
47	0,5	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
47	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
47	0,25	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
47	0,5	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
124 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
47	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
47	0,25	STERRASX	LinStatic	7,73	-12,791	0	0	0
47	0,5	STERRASX	LinStatic	7,73	-12,791	0	0	0
47	0	STERRADX	LinStatic	7,73	12,791	0	0	0
47	0,25	STERRADX	LinStatic	7,73	12,791	0	0	0
47	0,5	STERRADX	LinStatic	7,73	12,791	0	0	0
47	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
47	0,25	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
47	0,5	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
47	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
47	0,25	TERMN	LinStatic	0,165	2,234E-12	0	0	0
47	0,5	TERMN	LinStatic	0,165	2,234E-12	0	0	0
47	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
47	0,25	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
47	0,5	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
47	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
47	0,25	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
47	0,5	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
47	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
47	0,25	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
47	0,5	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
47	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
47	0,25	LM71SX	LinStatic	-53,421	-0,577	0	0	0
47	0,5	LM71SX	LinStatic	-53,421	-0,577	0	0	0
47	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
47	0,25	LM71DX	LinStatic	-53,421	0,577	0	0	0
47	0,5	LM71DX	LinStatic	-53,421	0,577	0	0	0
47	0	STLM71	LinStatic	6,532	-12,483	0	0	0
47	0,25	STLM71	LinStatic	6,532	-12,483	0	0	0
47	0,5	STLM71	LinStatic	6,532	-12,483	0	0	0
47	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
47	0,25	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
47	0,5	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
47	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
47	0,25	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
47	0,5	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
47	0	STSW2	LinStatic	5,382	-10,284	0	0	0
47	0,25	STSW2	LinStatic	5,382	-10,284	0	0	0
47	0,5	STSW2	LinStatic	5,382	-10,284	0	0	0
47	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
47	0,25	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
47	0,5	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
47	0	SERP	LinStatic	0	0	0	0	0
47	0,25	SERP	LinStatic	0	0	0	0	0
47	0,5	SERP	LinStatic	0	0	0	0	0
47	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
47	0,25	INCRTER	LinStatic	7,607	-14,538	0	0	0
47	0,5	INCRTER	LinStatic	7,607	-14,538	0	0	0
47	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
47	0,25	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
47	0,5	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
47	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
47	0,25	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
47	0,5	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
47	0	SISMAO	LinStatic	-1,65E-10	-20,944	0	0	0
47	0,25	SISMAO	LinStatic	-1,65E-10	-21,451	0	0	0
47	0,5	SISMAO	LinStatic	-1,65E-10	-21,959	0	0	0
47	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
47	0,25	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
47	0,5	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
47	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
47	0,25	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
47	0,5	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
47	0	SISMAVA	LinStatic	13,563	2,636E-12	0	0	0
47	0,25	SISMAVA	LinStatic	13,843	2,636E-12	0	0	0
47	0,5	SISMAVA	LinStatic	14,123	2,636E-12	0	0	0
47	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
47	0,25	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
125 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
47	0,5	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
47	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
47	0,25	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
47	0,5	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
47	0	SISMAVB	LinStatic	-13,563	-2,636E-12	0	0	0
47	0,25	SISMAVB	LinStatic	-13,843	-2,636E-12	0	0	0
47	0,5	SISMAVB	LinStatic	-14,123	-2,636E-12	0	0	0
48	0	PP	LinStatic	-13,606	-2,346	0	0	0
48	0,25	PP	LinStatic	-11,732	-2,346	0	0	0
48	0,5	PP	LinStatic	-9,857	-2,346	0	0	0
48	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
48	0,25	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
48	0,5	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
48	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
48	0,25	BALLAST	LinStatic	-8,964	-0,064	0	0	0
48	0,5	BALLAST	LinStatic	-8,964	-0,064	0	0	0
48	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
48	0,25	STERRASX	LinStatic	-11,222	6,407	0	0	0
48	0,5	STERRASX	LinStatic	-11,222	6,407	0	0	0
48	0	STERRADX	LinStatic	3,492	-18,446	0	0	0
48	0,25	STERRADX	LinStatic	3,492	-11,25	0	0	0
48	0,5	STERRADX	LinStatic	3,492	-4,588	0	0	0
48	0	TERMP	LinStatic	0,028	1,106	0	0	0
48	0,25	TERMP	LinStatic	0,028	1,106	0	0	0
48	0,5	TERMP	LinStatic	0,028	1,106	0	0	0
48	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
48	0,25	TERMN	LinStatic	-0,083	-3,319	0	0	0
48	0,5	TERMN	LinStatic	-0,083	-3,319	0	0	0
48	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
48	0,25	GRADTP	LinStatic	-4,349	-4,359	0	0	0
48	0,5	GRADTP	LinStatic	-4,349	-4,359	0	0	0
48	0	GRADTN	LinStatic	4,349	4,359	0	0	0
48	0,25	GRADTN	LinStatic	4,349	4,359	0	0	0
48	0,5	GRADTN	LinStatic	4,349	4,359	0	0	0
48	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
48	0,25	LM71C	LinStatic	-37,899	-0,27	0	0	0
48	0,5	LM71C	LinStatic	-37,899	-0,27	0	0	0
48	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
48	0,25	LM71SX	LinStatic	4,496	-0,423	0	0	0
48	0,5	LM71SX	LinStatic	4,496	-0,423	0	0	0
48	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
48	0,25	LM71DX	LinStatic	-42,395	0,153	0	0	0
48	0,5	LM71DX	LinStatic	-42,395	0,153	0	0	0
48	0	STLM71	LinStatic	-10,745	6,225	0	0	0
48	0,25	STLM71	LinStatic	-10,745	6,225	0	0	0
48	0,5	STLM71	LinStatic	-10,745	6,225	0	0	0
48	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
48	0,25	AVVLM71	LinStatic	-12,017	7,591	0	0	0
48	0,5	AVVLM71	LinStatic	-12,017	7,591	0	0	0
48	0	SW2	LinStatic	-31,213	-0,222	0	0	0
48	0,25	SW2	LinStatic	-31,213	-0,222	0	0	0
48	0,5	SW2	LinStatic	-31,213	-0,222	0	0	0
48	0	STSW2	LinStatic	-8,852	5,128	0	0	0
48	0,25	STSW2	LinStatic	-8,852	5,128	0	0	0
48	0,5	STSW2	LinStatic	-8,852	5,128	0	0	0
48	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
48	0,25	FRENSW2	LinStatic	-12,742	8,049	0	0	0
48	0,5	FRENSW2	LinStatic	-12,742	8,049	0	0	0
48	0	SERP	LinStatic	0	0	0	0	0
48	0,25	SERP	LinStatic	0	0	0	0	0
48	0,5	SERP	LinStatic	0	0	0	0	0
48	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
48	0,25	INCRTER	LinStatic	-12,513	7,249	0	0	0
48	0,5	INCRTER	LinStatic	-12,513	7,249	0	0	0
48	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
48	0,25	LM71SISO	LinStatic	-4,303	2,718	0	0	0
48	0,5	LM71SISO	LinStatic	-4,303	2,718	0	0	0
48	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
126 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
48	0,25	SW2SISO	LinStatic	-3,542	2,237	0	0	0
48	0,5	SW2SISO	LinStatic	-3,542	2,237	0	0	0
48	0	SISMAO	LinStatic	-15,884	11,505	0	0	0
48	0,25	SISMAO	LinStatic	-15,884	10,997	0	0	0
48	0,5	SISMAO	LinStatic	-15,884	10,49	0	0	0
48	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
48	0,25	LM71SVA	LinStatic	1,127	0,008027	0	0	0
48	0,5	LM71SVA	LinStatic	1,127	0,008027	0	0	0
48	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
48	0,25	SW2SVA	LinStatic	0,928	0,006608	0	0	0
48	0,5	SW2SVA	LinStatic	0,928	0,006608	0	0	0
48	0	SISMAVA	LinStatic	5,341	0,37	0	0	0
48	0,25	SISMAVA	LinStatic	5,061	0,37	0	0	0
48	0,5	SISMAVA	LinStatic	4,781	0,37	0	0	0
48	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
48	0,25	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
48	0,5	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
48	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
48	0,25	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
48	0,5	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
48	0	SISMAVB	LinStatic	-5,341	-0,37	0	0	0
48	0,25	SISMAVB	LinStatic	-5,061	-0,37	0	0	0
48	0,5	SISMAVB	LinStatic	-4,781	-0,37	0	0	0
49	0	PP	LinStatic	-9,857	2,346	0	0	0
49	0,25	PP	LinStatic	-7,983	2,346	0	0	0
49	0,5	PP	LinStatic	-6,108	2,346	0	0	0
49	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
49	0,25	REINTSUP	LinStatic	-13,197	0,094	0	0	0
49	0,5	REINTSUP	LinStatic	-13,197	0,094	0	0	0
49	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
49	0,25	BALLAST	LinStatic	-8,964	0,064	0	0	0
49	0,5	BALLAST	LinStatic	-8,964	0,064	0	0	0
49	0	STERRASX	LinStatic	3,492	4,588	0	0	0
49	0,25	STERRASX	LinStatic	3,492	-1,542	0	0	0
49	0,5	STERRASX	LinStatic	3,492	-7,139	0	0	0
49	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
49	0,25	STERRADX	LinStatic	-11,222	-6,407	0	0	0
49	0,5	STERRADX	LinStatic	-11,222	-6,407	0	0	0
49	0	TERMP	LinStatic	0,028	-1,106	0	0	0
49	0,25	TERMP	LinStatic	0,028	-1,106	0	0	0
49	0,5	TERMP	LinStatic	0,028	-1,106	0	0	0
49	0	TERMN	LinStatic	-0,083	3,319	0	0	0
49	0,25	TERMN	LinStatic	-0,083	3,319	0	0	0
49	0,5	TERMN	LinStatic	-0,083	3,319	0	0	0
49	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
49	0,25	GRADTP	LinStatic	-4,349	4,359	0	0	0
49	0,5	GRADTP	LinStatic	-4,349	4,359	0	0	0
49	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
49	0,25	GRADTN	LinStatic	4,349	-4,359	0	0	0
49	0,5	GRADTN	LinStatic	4,349	-4,359	0	0	0
49	0	LM71C	LinStatic	-37,899	0,27	0	0	0
49	0,25	LM71C	LinStatic	-37,899	0,27	0	0	0
49	0,5	LM71C	LinStatic	-37,899	0,27	0	0	0
49	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
49	0,25	LM71SX	LinStatic	-42,395	-0,153	0	0	0
49	0,5	LM71SX	LinStatic	-42,395	-0,153	0	0	0
49	0	LM71DX	LinStatic	4,496	0,423	0	0	0
49	0,25	LM71DX	LinStatic	4,496	0,423	0	0	0
49	0,5	LM71DX	LinStatic	4,496	0,423	0	0	0
49	0	STLM71	LinStatic	4,212	6,166	0	0	0
49	0,25	STLM71	LinStatic	4,212	0,759	0	0	0
49	0,5	STLM71	LinStatic	4,212	-4,649	0	0	0
49	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
49	0,25	AVVLM71	LinStatic	12,017	7,591	0	0	0
49	0,5	AVVLM71	LinStatic	12,017	7,591	0	0	0
49	0	SW2	LinStatic	-31,213	0,222	0	0	0
49	0,25	SW2	LinStatic	-31,213	0,222	0	0	0
49	0,5	SW2	LinStatic	-31,213	0,222	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
127 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
49	0	STSW2	LinStatic	3,47	5,08	0	0	0
49	0,25	STSW2	LinStatic	3,47	0,625	0	0	0
49	0,5	STSW2	LinStatic	3,47	-3,83	0	0	0
49	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
49	0,25	FRENSW2	LinStatic	12,742	8,049	0	0	0
49	0,5	FRENSW2	LinStatic	12,742	8,049	0	0	0
49	0	SERP	LinStatic	0	0	0	0	0
49	0,25	SERP	LinStatic	0	0	0	0	0
49	0,5	SERP	LinStatic	0	0	0	0	0
49	0	INCRTER	LinStatic	4,906	7,181	0	0	0
49	0,25	INCRTER	LinStatic	4,906	0,884	0	0	0
49	0,5	INCRTER	LinStatic	4,906	-5,414	0	0	0
49	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
49	0,25	LM71SISO	LinStatic	4,303	2,718	0	0	0
49	0,5	LM71SISO	LinStatic	4,303	2,718	0	0	0
49	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
49	0,25	SW2SISO	LinStatic	3,542	2,237	0	0	0
49	0,5	SW2SISO	LinStatic	3,542	2,237	0	0	0
49	0	SISMAO	LinStatic	15,884	10,49	0	0	0
49	0,25	SISMAO	LinStatic	15,884	9,982	0	0	0
49	0,5	SISMAO	LinStatic	15,884	9,475	0	0	0
49	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
49	0,25	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
49	0,5	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
49	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
49	0,25	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
49	0,5	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
49	0	SISMAVA	LinStatic	4,781	-0,37	0	0	0
49	0,25	SISMAVA	LinStatic	4,501	-0,37	0	0	0
49	0,5	SISMAVA	LinStatic	4,221	-0,37	0	0	0
49	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
49	0,25	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
49	0,5	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
49	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
49	0,25	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
49	0,5	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
49	0	SISMAVB	LinStatic	-4,781	0,37	0	0	0
49	0,25	SISMAVB	LinStatic	-4,501	0,37	0	0	0
49	0,5	SISMAVB	LinStatic	-4,221	0,37	0	0	0
50	0	PP	LinStatic	-24,898	-9,457E-12	0	0	0
50	0,25	PP	LinStatic	-26,772	-9,457E-12	0	0	0
50	0,5	PP	LinStatic	-28,646	-9,457E-12	0	0	0
50	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
50	0,25	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
50	0,5	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
50	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
50	0,25	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
50	0,5	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
50	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
50	0,25	STERRASX	LinStatic	7,73	-12,791	0	0	0
50	0,5	STERRASX	LinStatic	7,73	-12,791	0	0	0
50	0	STERRADX	LinStatic	7,73	12,791	0	0	0
50	0,25	STERRADX	LinStatic	7,73	12,791	0	0	0
50	0,5	STERRADX	LinStatic	7,73	12,791	0	0	0
50	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
50	0,25	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
50	0,5	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
50	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
50	0,25	TERMN	LinStatic	0,165	2,234E-12	0	0	0
50	0,5	TERMN	LinStatic	0,165	2,234E-12	0	0	0
50	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
50	0,25	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
50	0,5	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
50	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
50	0,25	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
50	0,5	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
50	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
50	0,25	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
128 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
50	0,5	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
50	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
50	0,25	LM71SX	LinStatic	-53,421	-0,577	0	0	0
50	0,5	LM71SX	LinStatic	-53,421	-0,577	0	0	0
50	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
50	0,25	LM71DX	LinStatic	-53,421	0,577	0	0	0
50	0,5	LM71DX	LinStatic	-53,421	0,577	0	0	0
50	0	STLM71	LinStatic	6,532	-12,483	0	0	0
50	0,25	STLM71	LinStatic	6,532	-12,483	0	0	0
50	0,5	STLM71	LinStatic	6,532	-12,483	0	0	0
50	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
50	0,25	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
50	0,5	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
50	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
50	0,25	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
50	0,5	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
50	0	STSW2	LinStatic	5,382	-10,284	0	0	0
50	0,25	STSW2	LinStatic	5,382	-10,284	0	0	0
50	0,5	STSW2	LinStatic	5,382	-10,284	0	0	0
50	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
50	0,25	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
50	0,5	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
50	0	SERP	LinStatic	0	0	0	0	0
50	0,25	SERP	LinStatic	0	0	0	0	0
50	0,5	SERP	LinStatic	0	0	0	0	0
50	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
50	0,25	INCRTER	LinStatic	7,607	-14,538	0	0	0
50	0,5	INCRTER	LinStatic	7,607	-14,538	0	0	0
50	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
50	0,25	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
50	0,5	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
50	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
50	0,25	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
50	0,5	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
50	0	SISMAO	LinStatic	-1,65E-10	-19,929	0	0	0
50	0,25	SISMAO	LinStatic	-1,65E-10	-20,436	0	0	0
50	0,5	SISMAO	LinStatic	-1,65E-10	-20,944	0	0	0
50	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
50	0,25	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
50	0,5	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
50	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
50	0,25	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
50	0,5	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
50	0	SISMAVA	LinStatic	13,003	2,636E-12	0	0	0
50	0,25	SISMAVA	LinStatic	13,283	2,636E-12	0	0	0
50	0,5	SISMAVA	LinStatic	13,563	2,636E-12	0	0	0
50	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
50	0,25	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
50	0,5	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
50	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
50	0,25	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
50	0,5	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
50	0	SISMAVB	LinStatic	-13,003	-2,636E-12	0	0	0
50	0,25	SISMAVB	LinStatic	-13,283	-2,636E-12	0	0	0
50	0,5	SISMAVB	LinStatic	-13,563	-2,636E-12	0	0	0
51	0	PP	LinStatic	-9,857	-2,346	0	0	0
51	0,25	PP	LinStatic	-7,983	-2,346	0	0	0
51	0,5	PP	LinStatic	-6,108	-2,346	0	0	0
51	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
51	0,25	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
51	0,5	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
51	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
51	0,25	BALLAST	LinStatic	-8,964	-0,064	0	0	0
51	0,5	BALLAST	LinStatic	-8,964	-0,064	0	0	0
51	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
51	0,25	STERRASX	LinStatic	-11,222	6,407	0	0	0
51	0,5	STERRASX	LinStatic	-11,222	6,407	0	0	0
51	0	STERRADX	LinStatic	3,492	-4,588	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
129 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
51	0,25	STERRADX	LinStatic	3,492	1,542	0	0	0
51	0,5	STERRADX	LinStatic	3,492	7,139	0	0	0
51	0	TERMP	LinStatic	0,028	1,106	0	0	0
51	0,25	TERMP	LinStatic	0,028	1,106	0	0	0
51	0,5	TERMP	LinStatic	0,028	1,106	0	0	0
51	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
51	0,25	TERMN	LinStatic	-0,083	-3,319	0	0	0
51	0,5	TERMN	LinStatic	-0,083	-3,319	0	0	0
51	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
51	0,25	GRADTP	LinStatic	-4,349	-4,359	0	0	0
51	0,5	GRADTP	LinStatic	-4,349	-4,359	0	0	0
51	0	GRADTN	LinStatic	4,349	4,359	0	0	0
51	0,25	GRADTN	LinStatic	4,349	4,359	0	0	0
51	0,5	GRADTN	LinStatic	4,349	4,359	0	0	0
51	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
51	0,25	LM71C	LinStatic	-37,899	-0,27	0	0	0
51	0,5	LM71C	LinStatic	-37,899	-0,27	0	0	0
51	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
51	0,25	LM71SX	LinStatic	4,496	-0,423	0	0	0
51	0,5	LM71SX	LinStatic	4,496	-0,423	0	0	0
51	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
51	0,25	LM71DX	LinStatic	-42,395	0,153	0	0	0
51	0,5	LM71DX	LinStatic	-42,395	0,153	0	0	0
51	0	STLM71	LinStatic	-10,745	6,225	0	0	0
51	0,25	STLM71	LinStatic	-10,745	6,225	0	0	0
51	0,5	STLM71	LinStatic	-10,745	6,225	0	0	0
51	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
51	0,25	AVVLM71	LinStatic	-12,017	7,591	0	0	0
51	0,5	AVVLM71	LinStatic	-12,017	7,591	0	0	0
51	0	SW2	LinStatic	-31,213	-0,222	0	0	0
51	0,25	SW2	LinStatic	-31,213	-0,222	0	0	0
51	0,5	SW2	LinStatic	-31,213	-0,222	0	0	0
51	0	STSW2	LinStatic	-8,852	5,128	0	0	0
51	0,25	STSW2	LinStatic	-8,852	5,128	0	0	0
51	0,5	STSW2	LinStatic	-8,852	5,128	0	0	0
51	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
51	0,25	FRENSW2	LinStatic	-12,742	8,049	0	0	0
51	0,5	FRENSW2	LinStatic	-12,742	8,049	0	0	0
51	0	SERP	LinStatic	0	0	0	0	0
51	0,25	SERP	LinStatic	0	0	0	0	0
51	0,5	SERP	LinStatic	0	0	0	0	0
51	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
51	0,25	INCRTER	LinStatic	-12,513	7,249	0	0	0
51	0,5	INCRTER	LinStatic	-12,513	7,249	0	0	0
51	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
51	0,25	LM71SISO	LinStatic	-4,303	2,718	0	0	0
51	0,5	LM71SISO	LinStatic	-4,303	2,718	0	0	0
51	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
51	0,25	SW2SISO	LinStatic	-3,542	2,237	0	0	0
51	0,5	SW2SISO	LinStatic	-3,542	2,237	0	0	0
51	0	SISMAO	LinStatic	-15,884	10,49	0	0	0
51	0,25	SISMAO	LinStatic	-15,884	9,982	0	0	0
51	0,5	SISMAO	LinStatic	-15,884	9,475	0	0	0
51	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
51	0,25	LM71SVA	LinStatic	1,127	0,008027	0	0	0
51	0,5	LM71SVA	LinStatic	1,127	0,008027	0	0	0
51	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
51	0,25	SW2SVA	LinStatic	0,928	0,006608	0	0	0
51	0,5	SW2SVA	LinStatic	0,928	0,006608	0	0	0
51	0	SISMAVA	LinStatic	4,781	0,37	0	0	0
51	0,25	SISMAVA	LinStatic	4,501	0,37	0	0	0
51	0,5	SISMAVA	LinStatic	4,221	0,37	0	0	0
51	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
51	0,25	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
51	0,5	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
51	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
51	0,25	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
51	0,5	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
130 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
51	0	SISMAVB	LinStatic	-4,781	-0,37	0	0	0
51	0,25	SISMAVB	LinStatic	-4,501	-0,37	0	0	0
51	0,5	SISMAVB	LinStatic	-4,221	-0,37	0	0	0
52	0	PP	LinStatic	-6,108	2,346	0	0	0
52	0,25	PP	LinStatic	-4,234	2,346	0	0	0
52	0,5	PP	LinStatic	-2,359	2,346	0	0	0
52	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
52	0,25	REINTSUP	LinStatic	-13,197	0,094	0	0	0
52	0,5	REINTSUP	LinStatic	-13,197	0,094	0	0	0
52	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
52	0,25	BALLAST	LinStatic	-8,964	0,064	0	0	0
52	0,5	BALLAST	LinStatic	-8,964	0,064	0	0	0
52	0	STERRASX	LinStatic	3,492	-7,139	0	0	0
52	0,25	STERRASX	LinStatic	3,492	-12,203	0	0	0
52	0,5	STERRASX	LinStatic	3,492	-16,734	0	0	0
52	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
52	0,25	STERRADX	LinStatic	-11,222	-6,407	0	0	0
52	0,5	STERRADX	LinStatic	-11,222	-6,407	0	0	0
52	0	TERMP	LinStatic	0,028	-1,106	0	0	0
52	0,25	TERMP	LinStatic	0,028	-1,106	0	0	0
52	0,5	TERMP	LinStatic	0,028	-1,106	0	0	0
52	0	TERMN	LinStatic	-0,083	3,319	0	0	0
52	0,25	TERMN	LinStatic	-0,083	3,319	0	0	0
52	0,5	TERMN	LinStatic	-0,083	3,319	0	0	0
52	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
52	0,25	GRADTP	LinStatic	-4,349	4,359	0	0	0
52	0,5	GRADTP	LinStatic	-4,349	4,359	0	0	0
52	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
52	0,25	GRADTN	LinStatic	4,349	-4,359	0	0	0
52	0,5	GRADTN	LinStatic	4,349	-4,359	0	0	0
52	0	LM71C	LinStatic	-37,899	0,27	0	0	0
52	0,25	LM71C	LinStatic	-37,899	0,27	0	0	0
52	0,5	LM71C	LinStatic	-37,899	0,27	0	0	0
52	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
52	0,25	LM71SX	LinStatic	-42,395	-0,153	0	0	0
52	0,5	LM71SX	LinStatic	-42,395	-0,153	0	0	0
52	0	LM71DX	LinStatic	4,496	0,423	0	0	0
52	0,25	LM71DX	LinStatic	4,496	0,423	0	0	0
52	0,5	LM71DX	LinStatic	4,496	0,423	0	0	0
52	0	STLM71	LinStatic	4,212	-4,649	0	0	0
52	0,25	STLM71	LinStatic	4,212	-10,056	0	0	0
52	0,5	STLM71	LinStatic	4,212	-15,464	0	0	0
52	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
52	0,25	AVVLM71	LinStatic	12,017	7,591	0	0	0
52	0,5	AVVLM71	LinStatic	12,017	7,591	0	0	0
52	0	SW2	LinStatic	-31,213	0,222	0	0	0
52	0,25	SW2	LinStatic	-31,213	0,222	0	0	0
52	0,5	SW2	LinStatic	-31,213	0,222	0	0	0
52	0	STSW2	LinStatic	3,47	-3,83	0	0	0
52	0,25	STSW2	LinStatic	3,47	-8,285	0	0	0
52	0,5	STSW2	LinStatic	3,47	-12,74	0	0	0
52	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
52	0,25	FRENSW2	LinStatic	12,742	8,049	0	0	0
52	0,5	FRENSW2	LinStatic	12,742	8,049	0	0	0
52	0	SERP	LinStatic	0	0	0	0	0
52	0,25	SERP	LinStatic	0	0	0	0	0
52	0,5	SERP	LinStatic	0	0	0	0	0
52	0	INCRTER	LinStatic	4,906	-5,414	0	0	0
52	0,25	INCRTER	LinStatic	4,906	-11,711	0	0	0
52	0,5	INCRTER	LinStatic	4,906	-18,009	0	0	0
52	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
52	0,25	LM71SISO	LinStatic	4,303	2,718	0	0	0
52	0,5	LM71SISO	LinStatic	4,303	2,718	0	0	0
52	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
52	0,25	SW2SISO	LinStatic	3,542	2,237	0	0	0
52	0,5	SW2SISO	LinStatic	3,542	2,237	0	0	0
52	0	SISMAO	LinStatic	15,884	9,475	0	0	0
52	0,25	SISMAO	LinStatic	15,884	9,475	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
52	0,5	SISMAO	LinStatic	15,884	8,46	0	0	0
52	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
52	0,25	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
52	0,5	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
52	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
52	0,25	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
52	0,5	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
52	0	SISMAVA	LinStatic	4,221	-0,37	0	0	0
52	0,25	SISMAVA	LinStatic	3,941	-0,37	0	0	0
52	0,5	SISMAVA	LinStatic	3,661	-0,37	0	0	0
52	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
52	0,25	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
52	0,5	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
52	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
52	0,25	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
52	0,5	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
52	0	SISMAVB	LinStatic	-4,221	0,37	0	0	0
52	0,25	SISMAVB	LinStatic	-3,941	0,37	0	0	0
52	0,5	SISMAVB	LinStatic	-3,661	0,37	0	0	0
53	0	PP	LinStatic	-21,149	-9,457E-12	0	0	0
53	0,25	PP	LinStatic	-23,023	-9,457E-12	0	0	0
53	0,5	PP	LinStatic	-24,898	-9,457E-12	0	0	0
53	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
53	0,25	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
53	0,5	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
53	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
53	0,25	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
53	0,5	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
53	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
53	0,25	STERRASX	LinStatic	7,73	-12,791	0	0	0
53	0,5	STERRASX	LinStatic	7,73	-12,791	0	0	0
53	0	STERRADX	LinStatic	7,73	12,791	0	0	0
53	0,25	STERRADX	LinStatic	7,73	12,791	0	0	0
53	0,5	STERRADX	LinStatic	7,73	12,791	0	0	0
53	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
53	0,25	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
53	0,5	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
53	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
53	0,25	TERMN	LinStatic	0,165	2,234E-12	0	0	0
53	0,5	TERMN	LinStatic	0,165	2,234E-12	0	0	0
53	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
53	0,25	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
53	0,5	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
53	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
53	0,25	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
53	0,5	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
53	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
53	0,25	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
53	0,5	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
53	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
53	0,25	LM71SX	LinStatic	-53,421	-0,577	0	0	0
53	0,5	LM71SX	LinStatic	-53,421	-0,577	0	0	0
53	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
53	0,25	LM71DX	LinStatic	-53,421	0,577	0	0	0
53	0,5	LM71DX	LinStatic	-53,421	0,577	0	0	0
53	0	STLM71	LinStatic	6,532	-12,483	0	0	0
53	0,25	STLM71	LinStatic	6,532	-12,483	0	0	0
53	0,5	STLM71	LinStatic	6,532	-12,483	0	0	0
53	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
53	0,25	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
53	0,5	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
53	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
53	0,25	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
53	0,5	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
53	0	STSW2	LinStatic	5,382	-10,284	0	0	0
53	0,25	STSW2	LinStatic	5,382	-10,284	0	0	0
53	0,5	STSW2	LinStatic	5,382	-10,284	0	0	0
53	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
53	0,25	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
53	0,5	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
53	0	SERP	LinStatic	0	0	0	0	0
53	0,25	SERP	LinStatic	0	0	0	0	0
53	0,5	SERP	LinStatic	0	0	0	0	0
53	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
53	0,25	INCRTER	LinStatic	7,607	-14,538	0	0	0
53	0,5	INCRTER	LinStatic	7,607	-14,538	0	0	0
53	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
53	0,25	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
53	0,5	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
53	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
53	0,25	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
53	0,5	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
53	0	SISMAO	LinStatic	-1,65E-10	-18,914	0	0	0
53	0,25	SISMAO	LinStatic	-1,65E-10	-19,421	0	0	0
53	0,5	SISMAO	LinStatic	-1,65E-10	-19,929	0	0	0
53	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
53	0,25	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
53	0,5	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
53	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
53	0,25	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
53	0,5	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
53	0	SISMAVA	LinStatic	12,443	2,636E-12	0	0	0
53	0,25	SISMAVA	LinStatic	12,723	2,636E-12	0	0	0
53	0,5	SISMAVA	LinStatic	13,003	2,636E-12	0	0	0
53	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
53	0,25	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
53	0,5	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
53	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
53	0,25	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
53	0,5	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
53	0	SISMAVB	LinStatic	-12,443	-2,636E-12	0	0	0
53	0,25	SISMAVB	LinStatic	-12,723	-2,636E-12	0	0	0
53	0,5	SISMAVB	LinStatic	-13,003	-2,636E-12	0	0	0
54	0	PP	LinStatic	-6,108	-2,346	0	0	0
54	0,25	PP	LinStatic	-4,234	-2,346	0	0	0
54	0,5	PP	LinStatic	-2,359	-2,346	0	0	0
54	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
54	0,25	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
54	0,5	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
54	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
54	0,25	BALLAST	LinStatic	-8,964	-0,064	0	0	0
54	0,5	BALLAST	LinStatic	-8,964	-0,064	0	0	0
54	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
54	0,25	STERRASX	LinStatic	-11,222	6,407	0	0	0
54	0,5	STERRASX	LinStatic	-11,222	6,407	0	0	0
54	0	STERRADX	LinStatic	3,492	7,139	0	0	0
54	0,25	STERRADX	LinStatic	3,492	12,203	0	0	0
54	0,5	STERRADX	LinStatic	3,492	16,734	0	0	0
54	0	TERMP	LinStatic	0,028	1,106	0	0	0
54	0,25	TERMP	LinStatic	0,028	1,106	0	0	0
54	0,5	TERMP	LinStatic	0,028	1,106	0	0	0
54	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
54	0,25	TERMN	LinStatic	-0,083	-3,319	0	0	0
54	0,5	TERMN	LinStatic	-0,083	-3,319	0	0	0
54	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
54	0,25	GRADTP	LinStatic	-4,349	-4,359	0	0	0
54	0,5	GRADTP	LinStatic	-4,349	-4,359	0	0	0
54	0	GRADTN	LinStatic	4,349	4,359	0	0	0
54	0,25	GRADTN	LinStatic	4,349	4,359	0	0	0
54	0,5	GRADTN	LinStatic	4,349	4,359	0	0	0
54	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
54	0,25	LM71C	LinStatic	-37,899	-0,27	0	0	0
54	0,5	LM71C	LinStatic	-37,899	-0,27	0	0	0
54	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
54	0,25	LM71SX	LinStatic	4,496	-0,423	0	0	0
54	0,5	LM71SX	LinStatic	4,496	-0,423	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
133 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
54	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
54	0,25	LM71DX	LinStatic	-42,395	0,153	0	0	0
54	0,5	LM71DX	LinStatic	-42,395	0,153	0	0	0
54	0	STLM71	LinStatic	-10,745	6,225	0	0	0
54	0,25	STLM71	LinStatic	-10,745	6,225	0	0	0
54	0,5	STLM71	LinStatic	-10,745	6,225	0	0	0
54	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
54	0,25	AVVLM71	LinStatic	-12,017	7,591	0	0	0
54	0,5	AVVLM71	LinStatic	-12,017	7,591	0	0	0
54	0	SW2	LinStatic	-31,213	-0,222	0	0	0
54	0,25	SW2	LinStatic	-31,213	-0,222	0	0	0
54	0,5	SW2	LinStatic	-31,213	-0,222	0	0	0
54	0	STSW2	LinStatic	-8,852	5,128	0	0	0
54	0,25	STSW2	LinStatic	-8,852	5,128	0	0	0
54	0,5	STSW2	LinStatic	-8,852	5,128	0	0	0
54	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
54	0,25	FRENSW2	LinStatic	-12,742	8,049	0	0	0
54	0,5	FRENSW2	LinStatic	-12,742	8,049	0	0	0
54	0	SERP	LinStatic	0	0	0	0	0
54	0,25	SERP	LinStatic	0	0	0	0	0
54	0,5	SERP	LinStatic	0	0	0	0	0
54	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
54	0,25	INCRTER	LinStatic	-12,513	7,249	0	0	0
54	0,5	INCRTER	LinStatic	-12,513	7,249	0	0	0
54	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
54	0,25	LM71SISO	LinStatic	-4,303	2,718	0	0	0
54	0,5	LM71SISO	LinStatic	-4,303	2,718	0	0	0
54	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
54	0,25	SW2SISO	LinStatic	-3,542	2,237	0	0	0
54	0,5	SW2SISO	LinStatic	-3,542	2,237	0	0	0
54	0	SISMAO	LinStatic	-15,884	9,475	0	0	0
54	0,25	SISMAO	LinStatic	-15,884	8,967	0	0	0
54	0,5	SISMAO	LinStatic	-15,884	8,46	0	0	0
54	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
54	0,25	LM71SVA	LinStatic	1,127	0,008027	0	0	0
54	0,5	LM71SVA	LinStatic	1,127	0,008027	0	0	0
54	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
54	0,25	SW2SVA	LinStatic	0,928	0,006608	0	0	0
54	0,5	SW2SVA	LinStatic	0,928	0,006608	0	0	0
54	0	SISMAVA	LinStatic	4,221	0,37	0	0	0
54	0,25	SISMAVA	LinStatic	3,941	0,37	0	0	0
54	0,5	SISMAVA	LinStatic	3,661	0,37	0	0	0
54	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
54	0,25	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
54	0,5	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
54	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
54	0,25	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
54	0,5	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
54	0	SISMAVB	LinStatic	-4,221	-0,37	0	0	0
54	0,25	SISMAVB	LinStatic	-3,941	-0,37	0	0	0
54	0,5	SISMAVB	LinStatic	-3,661	-0,37	0	0	0
55	0	PP	LinStatic	-2,359	2,346	0	0	0
55	0,0375	PP	LinStatic	-2,078	2,346	0	0	0
55	0,075	PP	LinStatic	-1,797	2,346	0	0	0
55	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
55	0,0375	REINTSUP	LinStatic	-13,197	0,094	0	0	0
55	0,075	REINTSUP	LinStatic	-13,197	0,094	0	0	0
55	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
55	0,0375	BALLAST	LinStatic	-8,964	0,064	0	0	0
55	0,075	BALLAST	LinStatic	-8,964	0,064	0	0	0
55	0	STERRASX	LinStatic	3,492	-16,734	0	0	0
55	0,0375	STERRASX	LinStatic	3,492	-17,368	0	0	0
55	0,075	STERRASX	LinStatic	3,492	-17,99	0	0	0
55	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
55	0,0375	STERRADX	LinStatic	-11,222	-6,407	0	0	0
55	0,075	STERRADX	LinStatic	-11,222	-6,407	0	0	0
55	0	TERMP	LinStatic	0,028	-1,106	0	0	0
55	0,0375	TERMP	LinStatic	0,028	-1,106	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
55	0,075	TERMP	LinStatic	0,028	-1,106	0	0	0
55	0	TERMN	LinStatic	-0,083	3,319	0	0	0
55	0,0375	TERMN	LinStatic	-0,083	3,319	0	0	0
55	0,075	TERMN	LinStatic	-0,083	3,319	0	0	0
55	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
55	0,0375	GRADTP	LinStatic	-4,349	4,359	0	0	0
55	0,075	GRADTP	LinStatic	-4,349	4,359	0	0	0
55	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
55	0,0375	GRADTN	LinStatic	4,349	-4,359	0	0	0
55	0,075	GRADTN	LinStatic	4,349	-4,359	0	0	0
55	0	LM71C	LinStatic	-37,899	0,27	0	0	0
55	0,0375	LM71C	LinStatic	-37,899	0,27	0	0	0
55	0,075	LM71C	LinStatic	-37,899	0,27	0	0	0
55	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
55	0,0375	LM71SX	LinStatic	-42,395	-0,153	0	0	0
55	0,075	LM71SX	LinStatic	-42,395	-0,153	0	0	0
55	0	LM71DX	LinStatic	4,496	0,423	0	0	0
55	0,0375	LM71DX	LinStatic	4,496	0,423	0	0	0
55	0,075	LM71DX	LinStatic	4,496	0,423	0	0	0
55	0	STLM71	LinStatic	4,212	-15,464	0	0	0
55	0,0375	STLM71	LinStatic	4,212	-16,275	0	0	0
55	0,075	STLM71	LinStatic	4,212	-17,086	0	0	0
55	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
55	0,0375	AVVLM71	LinStatic	12,017	7,591	0	0	0
55	0,075	AVVLM71	LinStatic	12,017	7,591	0	0	0
55	0	SW2	LinStatic	-31,213	0,222	0	0	0
55	0,0375	SW2	LinStatic	-31,213	0,222	0	0	0
55	0,075	SW2	LinStatic	-31,213	0,222	0	0	0
55	0	STSW2	LinStatic	3,47	-12,74	0	0	0
55	0,0375	STSW2	LinStatic	3,47	-13,408	0	0	0
55	0,075	STSW2	LinStatic	3,47	-14,076	0	0	0
55	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
55	0,0375	FRENSW2	LinStatic	12,742	8,049	0	0	0
55	0,075	FRENSW2	LinStatic	12,742	8,049	0	0	0
55	0	SERP	LinStatic	0	0	0	0	0
55	0,0375	SERP	LinStatic	0	0	0	0	0
55	0,075	SERP	LinStatic	0	0	0	0	0
55	0	INCRTER	LinStatic	4,906	-18,009	0	0	0
55	0,0375	INCRTER	LinStatic	4,906	-18,953	0	0	0
55	0,075	INCRTER	LinStatic	4,906	-19,898	0	0	0
55	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
55	0,0375	LM71SISO	LinStatic	4,303	2,718	0	0	0
55	0,075	LM71SISO	LinStatic	4,303	2,718	0	0	0
55	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
55	0,0375	SW2SISO	LinStatic	3,542	2,237	0	0	0
55	0,075	SW2SISO	LinStatic	3,542	2,237	0	0	0
55	0	SISMAO	LinStatic	15,884	8,46	0	0	0
55	0,0375	SISMAO	LinStatic	15,884	8,384	0	0	0
55	0,075	SISMAO	LinStatic	15,884	8,308	0	0	0
55	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
55	0,0375	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
55	0,075	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
55	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
55	0,0375	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
55	0,075	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
55	0	SISMAVA	LinStatic	3,661	-0,37	0	0	0
55	0,0375	SISMAVA	LinStatic	3,619	-0,37	0	0	0
55	0,075	SISMAVA	LinStatic	3,577	-0,37	0	0	0
55	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
55	0,0375	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
55	0,075	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
55	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
55	0,0375	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
55	0,075	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
55	0	SISMAVB	LinStatic	-3,661	0,37	0	0	0
55	0,0375	SISMAVB	LinStatic	-3,619	0,37	0	0	0
55	0,075	SISMAVB	LinStatic	-3,577	0,37	0	0	0
56	0	PP	LinStatic	-20,586	-9,457E-12	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
135 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
56	0,0375	PP	LinStatic	-20,868	-9,457E-12	0	0	0
56	0,075	PP	LinStatic	-21,149	-9,457E-12	0	0	0
56	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
56	0,0375	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
56	0,075	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
56	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
56	0,0375	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
56	0,075	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
56	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
56	0,0375	STERRASX	LinStatic	7,73	-12,791	0	0	0
56	0,075	STERRASX	LinStatic	7,73	-12,791	0	0	0
56	0	STERRADX	LinStatic	7,73	12,791	0	0	0
56	0,0375	STERRADX	LinStatic	7,73	12,791	0	0	0
56	0,075	STERRADX	LinStatic	7,73	12,791	0	0	0
56	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
56	0,0375	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
56	0,075	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
56	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
56	0,0375	TERMN	LinStatic	0,165	2,234E-12	0	0	0
56	0,075	TERMN	LinStatic	0,165	2,234E-12	0	0	0
56	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
56	0,0375	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
56	0,075	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
56	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
56	0,0375	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
56	0,075	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
56	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
56	0,0375	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
56	0,075	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
56	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
56	0,0375	LM71SX	LinStatic	-53,421	-0,577	0	0	0
56	0,075	LM71SX	LinStatic	-53,421	-0,577	0	0	0
56	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
56	0,0375	LM71DX	LinStatic	-53,421	0,577	0	0	0
56	0,075	LM71DX	LinStatic	-53,421	0,577	0	0	0
56	0	STLM71	LinStatic	6,532	-12,483	0	0	0
56	0,0375	STLM71	LinStatic	6,532	-12,483	0	0	0
56	0,075	STLM71	LinStatic	6,532	-12,483	0	0	0
56	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
56	0,0375	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
56	0,075	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
56	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
56	0,0375	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
56	0,075	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
56	0	STSW2	LinStatic	5,382	-10,284	0	0	0
56	0,0375	STSW2	LinStatic	5,382	-10,284	0	0	0
56	0,075	STSW2	LinStatic	5,382	-10,284	0	0	0
56	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
56	0,0375	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
56	0,075	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
56	0	SERP	LinStatic	0	0	0	0	0
56	0,0375	SERP	LinStatic	0	0	0	0	0
56	0,075	SERP	LinStatic	0	0	0	0	0
56	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
56	0,0375	INCRTER	LinStatic	7,607	-14,538	0	0	0
56	0,075	INCRTER	LinStatic	7,607	-14,538	0	0	0
56	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
56	0,0375	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
56	0,075	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
56	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
56	0,0375	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
56	0,075	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
56	0	SISMAO	LinStatic	-1,65E-10	-18,761	0	0	0
56	0,0375	SISMAO	LinStatic	-1,65E-10	-18,837	0	0	0
56	0,075	SISMAO	LinStatic	-1,65E-10	-18,914	0	0	0
56	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
56	0,0375	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
56	0,075	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
136 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
56	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
56	0,0375	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
56	0,075	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
56	0	SISMAVA	LinStatic	12,359	2,636E-12	0	0	0
56	0,0375	SISMAVA	LinStatic	12,401	2,636E-12	0	0	0
56	0,075	SISMAVA	LinStatic	12,443	2,636E-12	0	0	0
56	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
56	0,0375	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
56	0,075	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
56	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
56	0,0375	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
56	0,075	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
56	0	SISMAVB	LinStatic	-12,359	-2,636E-12	0	0	0
56	0,0375	SISMAVB	LinStatic	-12,401	-2,636E-12	0	0	0
56	0,075	SISMAVB	LinStatic	-12,443	-2,636E-12	0	0	0
57	0	PP	LinStatic	-2,359	-2,346	0	0	0
57	0,0375	PP	LinStatic	-2,078	-2,346	0	0	0
57	0,075	PP	LinStatic	-1,797	-2,346	0	0	0
57	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
57	0,0375	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
57	0,075	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
57	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
57	0,0375	BALLAST	LinStatic	-8,964	-0,064	0	0	0
57	0,075	BALLAST	LinStatic	-8,964	-0,064	0	0	0
57	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
57	0,0375	STERRASX	LinStatic	-11,222	6,407	0	0	0
57	0,075	STERRASX	LinStatic	-11,222	6,407	0	0	0
57	0	STERRADX	LinStatic	3,492	16,734	0	0	0
57	0,0375	STERRADX	LinStatic	3,492	17,368	0	0	0
57	0,075	STERRADX	LinStatic	3,492	17,99	0	0	0
57	0	TERMP	LinStatic	0,028	1,106	0	0	0
57	0,0375	TERMP	LinStatic	0,028	1,106	0	0	0
57	0,075	TERMP	LinStatic	0,028	1,106	0	0	0
57	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
57	0,0375	TERMN	LinStatic	-0,083	-3,319	0	0	0
57	0,075	TERMN	LinStatic	-0,083	-3,319	0	0	0
57	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
57	0,0375	GRADTP	LinStatic	-4,349	-4,359	0	0	0
57	0,075	GRADTP	LinStatic	-4,349	-4,359	0	0	0
57	0	GRADTN	LinStatic	4,349	4,359	0	0	0
57	0,0375	GRADTN	LinStatic	4,349	4,359	0	0	0
57	0,075	GRADTN	LinStatic	4,349	4,359	0	0	0
57	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
57	0,0375	LM71C	LinStatic	-37,899	-0,27	0	0	0
57	0,075	LM71C	LinStatic	-37,899	-0,27	0	0	0
57	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
57	0,0375	LM71SX	LinStatic	4,496	-0,423	0	0	0
57	0,075	LM71SX	LinStatic	4,496	-0,423	0	0	0
57	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
57	0,0375	LM71DX	LinStatic	-42,395	0,153	0	0	0
57	0,075	LM71DX	LinStatic	-42,395	0,153	0	0	0
57	0	STLM71	LinStatic	-10,745	6,225	0	0	0
57	0,0375	STLM71	LinStatic	-10,745	6,225	0	0	0
57	0,075	STLM71	LinStatic	-10,745	6,225	0	0	0
57	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
57	0,0375	AVVLM71	LinStatic	-12,017	7,591	0	0	0
57	0,075	AVVLM71	LinStatic	-12,017	7,591	0	0	0
57	0	SW2	LinStatic	-31,213	-0,222	0	0	0
57	0,0375	SW2	LinStatic	-31,213	-0,222	0	0	0
57	0,075	SW2	LinStatic	-31,213	-0,222	0	0	0
57	0	STSW2	LinStatic	-8,852	5,128	0	0	0
57	0,0375	STSW2	LinStatic	-8,852	5,128	0	0	0
57	0,075	STSW2	LinStatic	-8,852	5,128	0	0	0
57	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
57	0,0375	FRENSW2	LinStatic	-12,742	8,049	0	0	0
57	0,075	FRENSW2	LinStatic	-12,742	8,049	0	0	0
57	0	SERP	LinStatic	0	0	0	0	0
57	0,0375	SERP	LinStatic	0	0	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
137 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
57	0,075	SERP	LinStatic	0	0	0	0	0
57	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
57	0,0375	INCRTER	LinStatic	-12,513	7,249	0	0	0
57	0,075	INCRTER	LinStatic	-12,513	7,249	0	0	0
57	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
57	0,0375	LM71SISO	LinStatic	-4,303	2,718	0	0	0
57	0,075	LM71SISO	LinStatic	-4,303	2,718	0	0	0
57	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
57	0,0375	SW2SISO	LinStatic	-3,542	2,237	0	0	0
57	0,075	SW2SISO	LinStatic	-3,542	2,237	0	0	0
57	0	SISMAO	LinStatic	-15,884	8,46	0	0	0
57	0,0375	SISMAO	LinStatic	-15,884	8,384	0	0	0
57	0,075	SISMAO	LinStatic	-15,884	8,308	0	0	0
57	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
57	0,0375	LM71SVA	LinStatic	1,127	0,008027	0	0	0
57	0,075	LM71SVA	LinStatic	1,127	0,008027	0	0	0
57	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
57	0,0375	SW2SVA	LinStatic	0,928	0,006608	0	0	0
57	0,075	SW2SVA	LinStatic	0,928	0,006608	0	0	0
57	0	SISMAVA	LinStatic	3,661	0,37	0	0	0
57	0,0375	SISMAVA	LinStatic	3,619	0,37	0	0	0
57	0,075	SISMAVA	LinStatic	3,577	0,37	0	0	0
57	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
57	0,0375	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
57	0,075	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
57	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
57	0,0375	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
57	0,075	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
57	0	SISMAVB	LinStatic	-3,661	-0,37	0	0	0
57	0,0375	SISMAVB	LinStatic	-3,619	-0,37	0	0	0
57	0,075	SISMAVB	LinStatic	-3,577	-0,37	0	0	0
58	0	PP	LinStatic	-1,797	2,346	0	0	0
58	0,0375	PP	LinStatic	-1,516	2,346	0	0	0
58	0,075	PP	LinStatic	-1,235	2,346	0	0	0
58	0	REINTSUP	LinStatic	-13,197	0,094	0	0	0
58	0,0375	REINTSUP	LinStatic	-13,197	0,094	0	0	0
58	0,075	REINTSUP	LinStatic	-13,197	0,094	0	0	0
58	0	BALLAST	LinStatic	-8,964	0,064	0	0	0
58	0,0375	BALLAST	LinStatic	-8,964	0,064	0	0	0
58	0,075	BALLAST	LinStatic	-8,964	0,064	0	0	0
58	0	STERRASX	LinStatic	3,492	-17,99	0	0	0
58	0,0375	STERRASX	LinStatic	3,492	-18,599	0	0	0
58	0,075	STERRASX	LinStatic	3,492	-19,197	0	0	0
58	0	STERRADX	LinStatic	-11,222	-6,407	0	0	0
58	0,0375	STERRADX	LinStatic	-11,222	-6,407	0	0	0
58	0,075	STERRADX	LinStatic	-11,222	-6,407	0	0	0
58	0	TERMP	LinStatic	0,028	-1,106	0	0	0
58	0,0375	TERMP	LinStatic	0,028	-1,106	0	0	0
58	0,075	TERMP	LinStatic	0,028	-1,106	0	0	0
58	0	TERMN	LinStatic	-0,083	3,319	0	0	0
58	0,0375	TERMN	LinStatic	-0,083	3,319	0	0	0
58	0,075	TERMN	LinStatic	-0,083	3,319	0	0	0
58	0	GRADTP	LinStatic	-4,349	4,359	0	0	0
58	0,0375	GRADTP	LinStatic	-4,349	4,359	0	0	0
58	0,075	GRADTP	LinStatic	-4,349	4,359	0	0	0
58	0	GRADTN	LinStatic	4,349	-4,359	0	0	0
58	0,0375	GRADTN	LinStatic	4,349	-4,359	0	0	0
58	0,075	GRADTN	LinStatic	4,349	-4,359	0	0	0
58	0	LM71C	LinStatic	-37,899	0,27	0	0	0
58	0,0375	LM71C	LinStatic	-37,899	0,27	0	0	0
58	0,075	LM71C	LinStatic	-37,899	0,27	0	0	0
58	0	LM71SX	LinStatic	-42,395	-0,153	0	0	0
58	0,0375	LM71SX	LinStatic	-42,395	-0,153	0	0	0
58	0,075	LM71SX	LinStatic	-42,395	-0,153	0	0	0
58	0	LM71DX	LinStatic	4,496	0,423	0	0	0
58	0,0375	LM71DX	LinStatic	4,496	0,423	0	0	0
58	0,075	LM71DX	LinStatic	4,496	0,423	0	0	0
58	0	STLM71	LinStatic	4,212	-17,086	0	0	0



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
58	0,0375	STLM71	LinStatic	4,212	-17,897	0	0	0
58	0,075	STLM71	LinStatic	4,212	-18,708	0	0	0
58	0	AVVLM71	LinStatic	12,017	7,591	0	0	0
58	0,0375	AVVLM71	LinStatic	12,017	7,591	0	0	0
58	0,075	AVVLM71	LinStatic	12,017	7,591	0	0	0
58	0	SW2	LinStatic	-31,213	0,222	0	0	0
58	0,0375	SW2	LinStatic	-31,213	0,222	0	0	0
58	0,075	SW2	LinStatic	-31,213	0,222	0	0	0
58	0	STSW2	LinStatic	3,47	-14,076	0	0	0
58	0,0375	STSW2	LinStatic	3,47	-14,745	0	0	0
58	0,075	STSW2	LinStatic	3,47	-15,413	0	0	0
58	0	FRENSW2	LinStatic	12,742	8,049	0	0	0
58	0,0375	FRENSW2	LinStatic	12,742	8,049	0	0	0
58	0,075	FRENSW2	LinStatic	12,742	8,049	0	0	0
58	0	SERP	LinStatic	0	0	0	0	0
58	0,0375	SERP	LinStatic	0	0	0	0	0
58	0,075	SERP	LinStatic	0	0	0	0	0
58	0	INCRTER	LinStatic	4,906	-19,898	0	0	0
58	0,0375	INCRTER	LinStatic	4,906	-20,843	0	0	0
58	0,075	INCRTER	LinStatic	4,906	-21,787	0	0	0
58	0	LM71SISO	LinStatic	4,303	2,718	0	0	0
58	0,0375	LM71SISO	LinStatic	4,303	2,718	0	0	0
58	0,075	LM71SISO	LinStatic	4,303	2,718	0	0	0
58	0	SW2SISO	LinStatic	3,542	2,237	0	0	0
58	0,0375	SW2SISO	LinStatic	3,542	2,237	0	0	0
58	0,075	SW2SISO	LinStatic	3,542	2,237	0	0	0
58	0	SISMAO	LinStatic	15,884	8,308	0	0	0
58	0,0375	SISMAO	LinStatic	15,884	8,232	0	0	0
58	0,075	SISMAO	LinStatic	15,884	8,155	0	0	0
58	0	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
58	0,0375	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
58	0,075	LM71SVA	LinStatic	1,127	-0,008027	0	0	0
58	0	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
58	0,0375	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
58	0,075	SW2SVA	LinStatic	0,928	-0,006608	0	0	0
58	0	SISMAVA	LinStatic	3,577	-0,37	0	0	0
58	0,0375	SISMAVA	LinStatic	3,535	-0,37	0	0	0
58	0,075	SISMAVA	LinStatic	3,493	-0,37	0	0	0
58	0	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
58	0,0375	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
58	0,075	LM71SVB	LinStatic	-1,127	0,008027	0	0	0
58	0	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
58	0,0375	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
58	0,075	SW2SVB	LinStatic	-0,928	0,006608	0	0	0
58	0	SISMAVB	LinStatic	-3,577	0,37	0	0	0
58	0,0375	SISMAVB	LinStatic	-3,535	0,37	0	0	0
58	0,075	SISMAVB	LinStatic	-3,493	0,37	0	0	0
59	0	PP	LinStatic	-20,024	-9,457E-12	0	0	0
59	0,0375	PP	LinStatic	-20,305	-9,457E-12	0	0	0
59	0,075	PP	LinStatic	-20,586	-9,457E-12	0	0	0
59	0	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
59	0,0375	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
59	0,075	REINTSUP	LinStatic	-37,205	-6,2E-12	0	0	0
59	0	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
59	0,0375	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
59	0,075	BALLAST	LinStatic	-25,271	-4,211E-12	0	0	0
59	0	STERRASX	LinStatic	7,73	-12,791	0	0	0
59	0,0375	STERRASX	LinStatic	7,73	-12,791	0	0	0
59	0,075	STERRASX	LinStatic	7,73	-12,791	0	0	0
59	0	STERRADX	LinStatic	7,73	12,791	0	0	0
59	0,0375	STERRADX	LinStatic	7,73	12,791	0	0	0
59	0,075	STERRADX	LinStatic	7,73	12,791	0	0	0
59	0	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
59	0,0375	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
59	0,075	TERMP	LinStatic	-0,055	-7,17E-13	0	0	0
59	0	TERMN	LinStatic	0,165	2,234E-12	0	0	0
59	0,0375	TERMN	LinStatic	0,165	2,234E-12	0	0	0
59	0,075	TERMN	LinStatic	0,165	2,234E-12	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
59	0	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
59	0,0375	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
59	0,075	GRADTP	LinStatic	8,698	-5,117E-14	0	0	0
59	0	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
59	0,0375	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
59	0,075	GRADTN	LinStatic	-8,698	5,117E-14	0	0	0
59	0	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
59	0,0375	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
59	0,075	LM71C	LinStatic	-106,842	-1,781E-11	0	0	0
59	0	LM71SX	LinStatic	-53,421	-0,577	0	0	0
59	0,0375	LM71SX	LinStatic	-53,421	-0,577	0	0	0
59	0,075	LM71SX	LinStatic	-53,421	-0,577	0	0	0
59	0	LM71DX	LinStatic	-53,421	0,577	0	0	0
59	0,0375	LM71DX	LinStatic	-53,421	0,577	0	0	0
59	0,075	LM71DX	LinStatic	-53,421	0,577	0	0	0
59	0	STLM71	LinStatic	6,532	-12,483	0	0	0
59	0,0375	STLM71	LinStatic	6,532	-12,483	0	0	0
59	0,075	STLM71	LinStatic	6,532	-12,483	0	0	0
59	0	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
59	0,0375	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
59	0,075	AVVLM71	LinStatic	-1,187E-10	-15,148	0	0	0
59	0	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
59	0,0375	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
59	0,075	SW2	LinStatic	-87,994	-1,466E-11	0	0	0
59	0	STSW2	LinStatic	5,382	-10,284	0	0	0
59	0,0375	STSW2	LinStatic	5,382	-10,284	0	0	0
59	0,075	STSW2	LinStatic	5,382	-10,284	0	0	0
59	0	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
59	0,0375	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
59	0,075	FRENSW2	LinStatic	-1,259E-10	-16,062	0	0	0
59	0	SERP	LinStatic	0	0	0	0	0
59	0,0375	SERP	LinStatic	0	0	0	0	0
59	0,075	SERP	LinStatic	0	0	0	0	0
59	0	INCRTER	LinStatic	7,607	-14,538	0	0	0
59	0,0375	INCRTER	LinStatic	7,607	-14,538	0	0	0
59	0,075	INCRTER	LinStatic	7,607	-14,538	0	0	0
59	0	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
59	0,0375	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
59	0,075	LM71SISO	LinStatic	-4,251E-11	-5,424	0	0	0
59	0	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
59	0,0375	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
59	0,075	SW2SISO	LinStatic	-3,499E-11	-4,465	0	0	0
59	0	SISMAO	LinStatic	-1,65E-10	-18,609	0	0	0
59	0,0375	SISMAO	LinStatic	-1,65E-10	-18,685	0	0	0
59	0,075	SISMAO	LinStatic	-1,65E-10	-18,761	0	0	0
59	0	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
59	0,0375	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
59	0,075	LM71SVA	LinStatic	3,176	5,293E-13	0	0	0
59	0	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
59	0,0375	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
59	0,075	SW2SVA	LinStatic	2,615	4,358E-13	0	0	0
59	0	SISMAVA	LinStatic	12,275	2,636E-12	0	0	0
59	0,0375	SISMAVA	LinStatic	12,317	2,636E-12	0	0	0
59	0,075	SISMAVA	LinStatic	12,359	2,636E-12	0	0	0
59	0	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
59	0,0375	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
59	0,075	LM71SVB	LinStatic	-3,176	-5,293E-13	0	0	0
59	0	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
59	0,0375	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
59	0,075	SW2SVB	LinStatic	-2,615	-4,358E-13	0	0	0
59	0	SISMAVB	LinStatic	-12,275	-2,636E-12	0	0	0
59	0,0375	SISMAVB	LinStatic	-12,317	-2,636E-12	0	0	0
59	0,075	SISMAVB	LinStatic	-12,359	-2,636E-12	0	0	0
60	0	PP	LinStatic	-1,797	-2,346	0	0	0
60	0,0375	PP	LinStatic	-1,516	-2,346	0	0	0
60	0,075	PP	LinStatic	-1,235	-2,346	0	0	0
60	0	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
60	0,0375	REINTSUP	LinStatic	-13,197	-0,094	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
60	0,075	REINTSUP	LinStatic	-13,197	-0,094	0	0	0
60	0	BALLAST	LinStatic	-8,964	-0,064	0	0	0
60	0,0375	BALLAST	LinStatic	-8,964	-0,064	0	0	0
60	0,075	BALLAST	LinStatic	-8,964	-0,064	0	0	0
60	0	STERRASX	LinStatic	-11,222	6,407	0	0	0
60	0,0375	STERRASX	LinStatic	-11,222	6,407	0	0	0
60	0,075	STERRASX	LinStatic	-11,222	6,407	0	0	0
60	0	STERRADX	LinStatic	3,492	17,99	0	0	0
60	0,0375	STERRADX	LinStatic	3,492	18,599	0	0	0
60	0,075	STERRADX	LinStatic	3,492	19,197	0	0	0
60	0	TERMP	LinStatic	0,028	1,106	0	0	0
60	0,0375	TERMP	LinStatic	0,028	1,106	0	0	0
60	0,075	TERMP	LinStatic	0,028	1,106	0	0	0
60	0	TERMN	LinStatic	-0,083	-3,319	0	0	0
60	0,0375	TERMN	LinStatic	-0,083	-3,319	0	0	0
60	0,075	TERMN	LinStatic	-0,083	-3,319	0	0	0
60	0	GRADTP	LinStatic	-4,349	-4,359	0	0	0
60	0,0375	GRADTP	LinStatic	-4,349	-4,359	0	0	0
60	0,075	GRADTP	LinStatic	-4,349	-4,359	0	0	0
60	0	GRADTN	LinStatic	4,349	4,359	0	0	0
60	0,0375	GRADTN	LinStatic	4,349	4,359	0	0	0
60	0,075	GRADTN	LinStatic	4,349	4,359	0	0	0
60	0	LM71C	LinStatic	-37,899	-0,27	0	0	0
60	0,0375	LM71C	LinStatic	-37,899	-0,27	0	0	0
60	0,075	LM71C	LinStatic	-37,899	-0,27	0	0	0
60	0	LM71SX	LinStatic	4,496	-0,423	0	0	0
60	0,0375	LM71SX	LinStatic	4,496	-0,423	0	0	0
60	0,075	LM71SX	LinStatic	4,496	-0,423	0	0	0
60	0	LM71DX	LinStatic	-42,395	0,153	0	0	0
60	0,0375	LM71DX	LinStatic	-42,395	0,153	0	0	0
60	0,075	LM71DX	LinStatic	-42,395	0,153	0	0	0
60	0	STLM71	LinStatic	-10,745	6,225	0	0	0
60	0,0375	STLM71	LinStatic	-10,745	6,225	0	0	0
60	0,075	STLM71	LinStatic	-10,745	6,225	0	0	0
60	0	AVVLM71	LinStatic	-12,017	7,591	0	0	0
60	0,0375	AVVLM71	LinStatic	-12,017	7,591	0	0	0
60	0,075	AVVLM71	LinStatic	-12,017	7,591	0	0	0
60	0	SW2	LinStatic	-31,213	-0,222	0	0	0
60	0,0375	SW2	LinStatic	-31,213	-0,222	0	0	0
60	0,075	SW2	LinStatic	-31,213	-0,222	0	0	0
60	0	STSW2	LinStatic	-8,852	5,128	0	0	0
60	0,0375	STSW2	LinStatic	-8,852	5,128	0	0	0
60	0,075	STSW2	LinStatic	-8,852	5,128	0	0	0
60	0	FRENSW2	LinStatic	-12,742	8,049	0	0	0
60	0,0375	FRENSW2	LinStatic	-12,742	8,049	0	0	0
60	0,075	FRENSW2	LinStatic	-12,742	8,049	0	0	0
60	0	SERP	LinStatic	0	0	0	0	0
60	0,0375	SERP	LinStatic	0	0	0	0	0
60	0,075	SERP	LinStatic	0	0	0	0	0
60	0	INCRTER	LinStatic	-12,513	7,249	0	0	0
60	0,0375	INCRTER	LinStatic	-12,513	7,249	0	0	0
60	0,075	INCRTER	LinStatic	-12,513	7,249	0	0	0
60	0	LM71SISO	LinStatic	-4,303	2,718	0	0	0
60	0,0375	LM71SISO	LinStatic	-4,303	2,718	0	0	0
60	0,075	LM71SISO	LinStatic	-4,303	2,718	0	0	0
60	0	SW2SISO	LinStatic	-3,542	2,237	0	0	0
60	0,0375	SW2SISO	LinStatic	-3,542	2,237	0	0	0
60	0,075	SW2SISO	LinStatic	-3,542	2,237	0	0	0
60	0	SISMAO	LinStatic	-15,884	8,308	0	0	0
60	0,0375	SISMAO	LinStatic	-15,884	8,232	0	0	0
60	0,075	SISMAO	LinStatic	-15,884	8,155	0	0	0
60	0	LM71SVA	LinStatic	1,127	0,008027	0	0	0
60	0,0375	LM71SVA	LinStatic	1,127	0,008027	0	0	0
60	0,075	LM71SVA	LinStatic	1,127	0,008027	0	0	0
60	0	SW2SVA	LinStatic	0,928	0,006608	0	0	0
60	0,0375	SW2SVA	LinStatic	0,928	0,006608	0	0	0
60	0,075	SW2SVA	LinStatic	0,928	0,006608	0	0	0
60	0	SISMAVA	LinStatic	3,577	0,37	0	0	0

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AFoglio
141 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
60	0,0375	SISMAVA	LinStatic	3,535	0,37	0	0	0
60	0,075	SISMAVA	LinStatic	3,493	0,37	0	0	0
60	0	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
60	0,0375	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
60	0,075	LM71SVB	LinStatic	-1,127	-0,008027	0	0	0
60	0	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
60	0,0375	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
60	0,075	SW2SVB	LinStatic	-0,928	-0,006608	0	0	0
60	0	SISMAVB	LinStatic	-3,577	-0,37	0	0	0
60	0,0375	SISMAVB	LinStatic	-3,535	-0,37	0	0	0
60	0,075	SISMAVB	LinStatic	-3,493	-0,37	0	0	0
61	0	PP	LinStatic	2,346	-1,235	0	0	0
61	0,075	PP	LinStatic	2,346	-0,672	0	0	0
61	0	REINTSUP	LinStatic	0,094	-13,197	0	0	0
61	0,075	REINTSUP	LinStatic	0,094	-11,607	0	0	0
61	0	BALLAST	LinStatic	0,064	-8,964	0	0	0
61	0,075	BALLAST	LinStatic	0,064	-7,884	0	0	0
61	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
61	0,075	STERRASX	LinStatic	-19,197	3,492	0	0	0
61	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
61	0,075	STERRADX	LinStatic	-6,407	-11,222	0	0	0
61	0	TERMP	LinStatic	-1,106	0,028	0	0	0
61	0,075	TERMP	LinStatic	-1,106	0,028	0	0	0
61	0	TERMN	LinStatic	3,319	-0,083	0	0	0
61	0,075	TERMN	LinStatic	3,319	-0,083	0	0	0
61	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
61	0,075	GRADTP	LinStatic	4,359	-4,349	0	0	0
61	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
61	0,075	GRADTN	LinStatic	-4,359	4,349	0	0	0
61	0	LM71C	LinStatic	0,27	-37,899	0	0	0
61	0,075	LM71C	LinStatic	0,27	-33,333	0	0	0
61	0	LM71SX	LinStatic	-0,153	-42,395	0	0	0
61	0,075	LM71SX	LinStatic	-0,153	-37,829	0	0	0
61	0	LM71DX	LinStatic	0,423	4,496	0	0	0
61	0,075	LM71DX	LinStatic	0,423	4,496	0	0	0
61	0	STLM71	LinStatic	-18,708	4,212	0	0	0
61	0,075	STLM71	LinStatic	-18,708	4,212	0	0	0
61	0	AVVLM71	LinStatic	7,591	12,017	0	0	0
61	0,075	AVVLM71	LinStatic	6,833	12,017	0	0	0
61	0	SW2	LinStatic	0,222	-31,213	0	0	0
61	0,075	SW2	LinStatic	0,222	-27,453	0	0	0
61	0	STSW2	LinStatic	-15,413	3,47	0	0	0
61	0,075	STSW2	LinStatic	-15,413	3,47	0	0	0
61	0	FRENSW2	LinStatic	8,049	12,742	0	0	0
61	0,075	FRENSW2	LinStatic	7,245	12,742	0	0	0
61	0	SERP	LinStatic	0	0	0	0	0
61	0,075	SERP	LinStatic	0	0	0	0	0
61	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
61	0,075	INCRTER	LinStatic	-21,787	4,906	0	0	0
61	0	LM71SISO	LinStatic	2,718	4,303	0	0	0
61	0,075	LM71SISO	LinStatic	2,447	4,303	0	0	0
61	0	SW2SISO	LinStatic	2,237	3,542	0	0	0
61	0,075	SW2SISO	LinStatic	2,014	3,542	0	0	0
61	0	SISMAO	LinStatic	8,155	15,884	0	0	0
61	0,075	SISMAO	LinStatic	7,282	15,884	0	0	0
61	0	LM71SVA	LinStatic	-0,008027	1,127	0	0	0
61	0,075	LM71SVA	LinStatic	-0,008027	0,991	0	0	0
61	0	SW2SVA	LinStatic	-0,006608	0,928	0	0	0
61	0,075	SW2SVA	LinStatic	-0,006608	0,816	0	0	0
61	0	SISMAVA	LinStatic	-0,37	3,493	0	0	0
61	0,075	SISMAVA	LinStatic	-0,37	3,011	0	0	0
61	0	LM71SVB	LinStatic	0,008027	-1,127	0	0	0
61	0,075	LM71SVB	LinStatic	0,008027	-0,991	0	0	0
61	0	SW2SVB	LinStatic	0,006608	-0,928	0	0	0
61	0,075	SW2SVB	LinStatic	0,006608	-0,816	0	0	0
61	0	SISMAVB	LinStatic	0,37	-3,493	0	0	0
61	0,075	SISMAVB	LinStatic	0,37	-3,011	0	0	0
62	0	PP	LinStatic	2,346	-0,672	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
62	0,075	PP	LinStatic	2,346	-0,11	0	0	0
62	0	REINTSUP	LinStatic	0,094	-11,607	0	0	0
62	0,075	REINTSUP	LinStatic	0,094	-10,017	0	0	0
62	0	BALLAST	LinStatic	0,064	-7,884	0	0	0
62	0,075	BALLAST	LinStatic	0,064	-6,804	0	0	0
62	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
62	0,075	STERRASX	LinStatic	-19,197	3,492	0	0	0
62	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
62	0,075	STERRADX	LinStatic	-6,407	-11,222	0	0	0
62	0	TERMP	LinStatic	-1,106	0,028	0	0	0
62	0,075	TERMP	LinStatic	-1,106	0,028	0	0	0
62	0	TERMN	LinStatic	3,319	-0,083	0	0	0
62	0,075	TERMN	LinStatic	3,319	-0,083	0	0	0
62	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
62	0,075	GRADTP	LinStatic	4,359	-4,349	0	0	0
62	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
62	0,075	GRADTN	LinStatic	-4,359	4,349	0	0	0
62	0	LM71C	LinStatic	0,27	-33,333	0	0	0
62	0,075	LM71C	LinStatic	0,27	-28,767	0	0	0
62	0	LM71SX	LinStatic	-0,153	-37,829	0	0	0
62	0,075	LM71SX	LinStatic	-0,153	-33,263	0	0	0
62	0	LM71DX	LinStatic	0,423	4,496	0	0	0
62	0,075	LM71DX	LinStatic	0,423	4,496	0	0	0
62	0	STLM71	LinStatic	-18,708	4,212	0	0	0
62	0,075	STLM71	LinStatic	-18,708	4,212	0	0	0
62	0	AVVLM71	LinStatic	6,833	12,017	0	0	0
62	0,075	AVVLM71	LinStatic	6,074	12,017	0	0	0
62	0	SW2	LinStatic	0,222	-27,453	0	0	0
62	0,075	SW2	LinStatic	0,222	-23,692	0	0	0
62	0	STSW2	LinStatic	-15,413	3,47	0	0	0
62	0,075	STSW2	LinStatic	-15,413	3,47	0	0	0
62	0	FRENSW2	LinStatic	7,245	12,742	0	0	0
62	0,075	FRENSW2	LinStatic	6,441	12,742	0	0	0
62	0	SERP	LinStatic	0	0	0	0	0
62	0,075	SERP	LinStatic	0	0	0	0	0
62	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
62	0,075	INCRTER	LinStatic	-21,787	4,906	0	0	0
62	0	LM71SISO	LinStatic	2,447	4,303	0	0	0
62	0,075	LM71SISO	LinStatic	2,175	4,303	0	0	0
62	0	SW2SISO	LinStatic	2,014	3,542	0	0	0
62	0,075	SW2SISO	LinStatic	1,79	3,542	0	0	0
62	0	SISMAO	LinStatic	7,282	15,884	0	0	0
62	0,075	SISMAO	LinStatic	6,409	15,884	0	0	0
62	0	LM71SVA	LinStatic	-0,008027	0,991	0	0	0
62	0,075	LM71SVA	LinStatic	-0,008027	0,855	0	0	0
62	0	SW2SVA	LinStatic	-0,006608	0,816	0	0	0
62	0,075	SW2SVA	LinStatic	-0,006608	0,704	0	0	0
62	0	SISMAVA	LinStatic	-0,37	3,011	0	0	0
62	0,075	SISMAVA	LinStatic	-0,37	2,53	0	0	0
62	0	LM71SVB	LinStatic	0,008027	-0,991	0	0	0
62	0,075	LM71SVB	LinStatic	0,008027	-0,855	0	0	0
62	0	SW2SVB	LinStatic	0,006608	-0,816	0	0	0
62	0,075	SW2SVB	LinStatic	0,006608	-0,704	0	0	0
62	0	SISMAVB	LinStatic	0,37	-3,011	0	0	0
62	0,075	SISMAVB	LinStatic	0,37	-2,53	0	0	0
63	0	PP	LinStatic	2,346	-0,11	0	0	0
63	0,27	PP	LinStatic	2,346	1,914	0	0	0
63	0,54	PP	LinStatic	2,346	3,939	0	0	0
63	0	REINTSUP	LinStatic	0,094	-10,017	0	0	0
63	0,27	REINTSUP	LinStatic	0,094	-4,293	0	0	0
63	0,54	REINTSUP	LinStatic	0,094	1,431	0	0	0
63	0	BALLAST	LinStatic	0,064	-6,804	0	0	0
63	0,27	BALLAST	LinStatic	0,064	-2,916	0	0	0
63	0,54	BALLAST	LinStatic	0,064	0,972	0	0	0
63	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
63	0,27	STERRASX	LinStatic	-19,197	3,492	0	0	0
63	0,54	STERRASX	LinStatic	-19,197	3,492	0	0	0
63	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
63	0,27	STERRADX	LinStatic	-6,407	-11,222	0	0	0
63	0,54	STERRADX	LinStatic	-6,407	-11,222	0	0	0
63	0	TERMP	LinStatic	-1,106	0,028	0	0	0
63	0,27	TERMP	LinStatic	-1,106	0,028	0	0	0
63	0,54	TERMP	LinStatic	-1,106	0,028	0	0	0
63	0	TERMN	LinStatic	3,319	-0,083	0	0	0
63	0,27	TERMN	LinStatic	3,319	-0,083	0	0	0
63	0,54	TERMN	LinStatic	3,319	-0,083	0	0	0
63	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
63	0,27	GRADTP	LinStatic	4,359	-4,349	0	0	0
63	0,54	GRADTP	LinStatic	4,359	-4,349	0	0	0
63	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
63	0,27	GRADTN	LinStatic	-4,359	4,349	0	0	0
63	0,54	GRADTN	LinStatic	-4,359	4,349	0	0	0
63	0	LM71C	LinStatic	0,27	-28,767	0	0	0
63	0,27	LM71C	LinStatic	0,27	-12,33	0	0	0
63	0,54	LM71C	LinStatic	0,27	4,108	0	0	0
63	0	LM71SX	LinStatic	-0,153	-33,263	0	0	0
63	0,27	LM71SX	LinStatic	-0,153	-16,825	0	0	0
63	0,54	LM71SX	LinStatic	-0,153	-0,387	0	0	0
63	0	LM71DX	LinStatic	0,423	4,496	0	0	0
63	0,27	LM71DX	LinStatic	0,423	4,496	0	0	0
63	0,54	LM71DX	LinStatic	0,423	4,496	0	0	0
63	0	STLM71	LinStatic	-18,708	4,212	0	0	0
63	0,27	STLM71	LinStatic	-18,708	4,212	0	0	0
63	0,54	STLM71	LinStatic	-18,708	4,212	0	0	0
63	0	AVVLM71	LinStatic	6,074	12,017	0	0	0
63	0,27	AVVLM71	LinStatic	3,345	12,017	0	0	0
63	0,54	AVVLM71	LinStatic	0,615	12,017	0	0	0
63	0	SW2	LinStatic	0,222	-23,692	0	0	0
63	0,27	SW2	LinStatic	0,222	-10,154	0	0	0
63	0,54	SW2	LinStatic	0,222	3,383	0	0	0
63	0	STSW2	LinStatic	-15,413	3,47	0	0	0
63	0,27	STSW2	LinStatic	-15,413	3,47	0	0	0
63	0,54	STSW2	LinStatic	-15,413	3,47	0	0	0
63	0	FRENSW2	LinStatic	6,441	12,742	0	0	0
63	0,27	FRENSW2	LinStatic	3,547	12,742	0	0	0
63	0,54	FRENSW2	LinStatic	0,652	12,742	0	0	0
63	0	SERP	LinStatic	0	0	0	0	0
63	0,27	SERP	LinStatic	0	0	0	0	0
63	0,54	SERP	LinStatic	0	0	0	0	0
63	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
63	0,27	INCRTER	LinStatic	-21,787	4,906	0	0	0
63	0,54	INCRTER	LinStatic	-21,787	4,906	0	0	0
63	0	LM71SISO	LinStatic	2,175	4,303	0	0	0
63	0,27	LM71SISO	LinStatic	1,198	4,303	0	0	0
63	0,54	LM71SISO	LinStatic	0,22	4,303	0	0	0
63	0	SW2SISO	LinStatic	1,79	3,542	0	0	0
63	0,27	SW2SISO	LinStatic	0,986	3,542	0	0	0
63	0,54	SW2SISO	LinStatic	0,181	3,542	0	0	0
63	0	SISMAO	LinStatic	6,409	15,884	0	0	0
63	0,27	SISMAO	LinStatic	3,267	15,884	0	0	0
63	0,54	SISMAO	LinStatic	0,124	15,884	0	0	0
63	0	LM71SVA	LinStatic	-0,008027	0,855	0	0	0
63	0,27	LM71SVA	LinStatic	-0,008027	0,367	0	0	0
63	0,54	LM71SVA	LinStatic	-0,008027	-0,122	0	0	0
63	0	SW2SVA	LinStatic	-0,006608	0,704	0	0	0
63	0,27	SW2SVA	LinStatic	-0,006608	0,302	0	0	0
63	0,54	SW2SVA	LinStatic	-0,006608	-0,101	0	0	0
63	0	SISMAVA	LinStatic	-0,37	2,53	0	0	0
63	0,27	SISMAVA	LinStatic	-0,37	0,796	0	0	0
63	0,54	SISMAVA	LinStatic	-0,37	-0,937	0	0	0
63	0	LM71SVB	LinStatic	0,008027	-0,855	0	0	0
63	0,27	LM71SVB	LinStatic	0,008027	-0,367	0	0	0
63	0,54	LM71SVB	LinStatic	0,008027	0,122	0	0	0
63	0	SW2SVB	LinStatic	0,006608	-0,704	0	0	0
63	0,27	SW2SVB	LinStatic	0,006608	-0,302	0	0	0
63	0,54	SW2SVB	LinStatic	0,006608	0,101	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
144 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
63	0	SISMAVB	LinStatic	0,37	-2,53	0	0	0
63	0,27	SISMAVB	LinStatic	0,37	-0,796	0	0	0
63	0,54	SISMAVB	LinStatic	0,37	0,937	0	0	0
64	0	PP	LinStatic	2,346	3,939	0	0	0
64	0,27	PP	LinStatic	2,346	5,963	0	0	0
64	0,54	PP	LinStatic	2,346	7,988	0	0	0
64	0	REINTSUP	LinStatic	0,094	1,431	0	0	0
64	0,27	REINTSUP	LinStatic	0,094	7,155	0	0	0
64	0,54	REINTSUP	LinStatic	0,094	12,879	0	0	0
64	0	BALLAST	LinStatic	0,064	0,972	0	0	0
64	0,27	BALLAST	LinStatic	0,064	4,86	0	0	0
64	0,54	BALLAST	LinStatic	0,064	8,748	0	0	0
64	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
64	0,27	STERRASX	LinStatic	-19,197	3,492	0	0	0
64	0,54	STERRASX	LinStatic	-19,197	3,492	0	0	0
64	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
64	0,27	STERRADX	LinStatic	-6,407	-11,222	0	0	0
64	0,54	STERRADX	LinStatic	-6,407	-11,222	0	0	0
64	0	TERMP	LinStatic	-1,106	0,028	0	0	0
64	0,27	TERMP	LinStatic	-1,106	0,028	0	0	0
64	0,54	TERMP	LinStatic	-1,106	0,028	0	0	0
64	0	TERMN	LinStatic	3,319	-0,083	0	0	0
64	0,27	TERMN	LinStatic	3,319	-0,083	0	0	0
64	0,54	TERMN	LinStatic	3,319	-0,083	0	0	0
64	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
64	0,27	GRADTP	LinStatic	4,359	-4,349	0	0	0
64	0,54	GRADTP	LinStatic	4,359	-4,349	0	0	0
64	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
64	0,27	GRADTN	LinStatic	-4,359	4,349	0	0	0
64	0,54	GRADTN	LinStatic	-4,359	4,349	0	0	0
64	0	LM71C	LinStatic	0,27	4,108	0	0	0
64	0,27	LM71C	LinStatic	0,27	20,546	0	0	0
64	0,54	LM71C	LinStatic	0,27	36,983	0	0	0
64	0	LM71SX	LinStatic	-0,153	-0,387	0	0	0
64	0,27	LM71SX	LinStatic	-0,153	16,05	0	0	0
64	0,54	LM71SX	LinStatic	-0,153	32,488	0	0	0
64	0	LM71DX	LinStatic	0,423	4,496	0	0	0
64	0,27	LM71DX	LinStatic	0,423	4,496	0	0	0
64	0,54	LM71DX	LinStatic	0,423	4,496	0	0	0
64	0	STLM71	LinStatic	-18,708	4,212	0	0	0
64	0,27	STLM71	LinStatic	-18,708	4,212	0	0	0
64	0,54	STLM71	LinStatic	-18,708	4,212	0	0	0
64	0	AVVLM71	LinStatic	0,615	12,017	0	0	0
64	0,27	AVVLM71	LinStatic	-2,115	12,017	0	0	0
64	0,54	AVVLM71	LinStatic	-4,844	12,017	0	0	0
64	0	SW2	LinStatic	0,222	3,383	0	0	0
64	0,27	SW2	LinStatic	0,222	16,921	0	0	0
64	0,54	SW2	LinStatic	0,222	30,459	0	0	0
64	0	STSW2	LinStatic	-15,413	3,47	0	0	0
64	0,27	STSW2	LinStatic	-15,413	3,47	0	0	0
64	0,54	STSW2	LinStatic	-15,413	3,47	0	0	0
64	0	FRENSW2	LinStatic	0,652	12,742	0	0	0
64	0,27	FRENSW2	LinStatic	-2,242	12,742	0	0	0
64	0,54	FRENSW2	LinStatic	-5,137	12,742	0	0	0
64	0	SERP	LinStatic	0	0	0	0	0
64	0,27	SERP	LinStatic	0	0	0	0	0
64	0,54	SERP	LinStatic	0	0	0	0	0
64	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
64	0,27	INCRTER	LinStatic	-21,787	4,906	0	0	0
64	0,54	INCRTER	LinStatic	-21,787	4,906	0	0	0
64	0	LM71SISO	LinStatic	0,22	4,303	0	0	0
64	0,27	LM71SISO	LinStatic	-0,757	4,303	0	0	0
64	0,54	LM71SISO	LinStatic	-1,735	4,303	0	0	0
64	0	SW2SISO	LinStatic	0,181	3,542	0	0	0
64	0,27	SW2SISO	LinStatic	-0,623	3,542	0	0	0
64	0,54	SW2SISO	LinStatic	-1,428	3,542	0	0	0
64	0	SISMAO	LinStatic	0,124	15,884	0	0	0
64	0,27	SISMAO	LinStatic	-3,019	15,884	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
64	0,54	SISMAO	LinStatic	-6,162	15,884	0	0	0
64	0	LM71SVA	LinStatic	-0,008027	-0,122	0	0	0
64	0,27	LM71SVA	LinStatic	-0,008027	-0,611	0	0	0
64	0,54	LM71SVA	LinStatic	-0,008027	-1,1	0	0	0
64	0	SW2SVA	LinStatic	-0,006608	-0,101	0	0	0
64	0,27	SW2SVA	LinStatic	-0,006608	-0,503	0	0	0
64	0,54	SW2SVA	LinStatic	-0,006608	-0,905	0	0	0
64	0	SISMAVA	LinStatic	-0,37	-0,937	0	0	0
64	0,27	SISMAVA	LinStatic	-0,37	-2,67	0	0	0
64	0,54	SISMAVA	LinStatic	-0,37	-4,404	0	0	0
64	0	LM71SVB	LinStatic	0,008027	0,122	0	0	0
64	0,27	LM71SVB	LinStatic	0,008027	0,611	0	0	0
64	0,54	LM71SVB	LinStatic	0,008027	1,1	0	0	0
64	0	SW2SVB	LinStatic	0,006608	0,101	0	0	0
64	0,27	SW2SVB	LinStatic	0,006608	0,503	0	0	0
64	0,54	SW2SVB	LinStatic	0,006608	0,905	0	0	0
64	0	SISMAVB	LinStatic	0,37	0,937	0	0	0
64	0,27	SISMAVB	LinStatic	0,37	2,67	0	0	0
64	0,54	SISMAVB	LinStatic	0,37	4,404	0	0	0
65	0	PP	LinStatic	2,346	7,988	0	0	0
65	0,12	PP	LinStatic	2,346	8,887	0	0	0
65	0	REINTSUP	LinStatic	0,094	12,879	0	0	0
65	0,12	REINTSUP	LinStatic	0,094	15,423	0	0	0
65	0	BALLAST	LinStatic	0,064	8,748	0	0	0
65	0,12	BALLAST	LinStatic	0,064	10,476	0	0	0
65	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
65	0,12	STERRASX	LinStatic	-19,197	3,492	0	0	0
65	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
65	0,12	STERRADX	LinStatic	-6,407	-11,222	0	0	0
65	0	TERMP	LinStatic	-1,106	0,028	0	0	0
65	0,12	TERMP	LinStatic	-1,106	0,028	0	0	0
65	0	TERMN	LinStatic	3,319	-0,083	0	0	0
65	0,12	TERMN	LinStatic	3,319	-0,083	0	0	0
65	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
65	0,12	GRADTP	LinStatic	4,359	-4,349	0	0	0
65	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
65	0,12	GRADTN	LinStatic	-4,359	4,349	0	0	0
65	0	LM71C	LinStatic	0,27	36,983	0	0	0
65	0,12	LM71C	LinStatic	0,27	44,289	0	0	0
65	0	LM71SX	LinStatic	-0,153	32,488	0	0	0
65	0,12	LM71SX	LinStatic	-0,153	39,793	0	0	0
65	0	LM71DX	LinStatic	0,423	4,496	0	0	0
65	0,12	LM71DX	LinStatic	0,423	4,496	0	0	0
65	0	STLM71	LinStatic	-18,708	4,212	0	0	0
65	0,12	STLM71	LinStatic	-18,708	4,212	0	0	0
65	0	AVVLM71	LinStatic	-4,844	12,017	0	0	0
65	0,12	AVVLM71	LinStatic	-6,058	12,017	0	0	0
65	0	SW2	LinStatic	0,222	30,459	0	0	0
65	0,12	SW2	LinStatic	0,222	36,476	0	0	0
65	0	STSW2	LinStatic	-15,413	3,47	0	0	0
65	0,12	STSW2	LinStatic	-15,413	3,47	0	0	0
65	0	FRENSW2	LinStatic	-5,137	12,742	0	0	0
65	0,12	FRENSW2	LinStatic	-6,423	12,742	0	0	0
65	0	SERP	LinStatic	0	0	0	0	0
65	0,12	SERP	LinStatic	0	0	0	0	0
65	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
65	0,12	INCRTER	LinStatic	-21,787	4,906	0	0	0
65	0	LM71SISO	LinStatic	-1,735	4,303	0	0	0
65	0,12	LM71SISO	LinStatic	-2,169	4,303	0	0	0
65	0	SW2SISO	LinStatic	-1,428	3,542	0	0	0
65	0,12	SW2SISO	LinStatic	-1,786	3,542	0	0	0
65	0	SISMAO	LinStatic	-6,162	15,884	0	0	0
65	0,12	SISMAO	LinStatic	-7,559	15,884	0	0	0
65	0	LM71SVA	LinStatic	-0,008027	-1,1	0	0	0
65	0,12	LM71SVA	LinStatic	-0,008027	-1,317	0	0	0
65	0	SW2SVA	LinStatic	-0,006608	-0,905	0	0	0
65	0,12	SW2SVA	LinStatic	-0,006608	-1,084	0	0	0
65	0	SISMAVA	LinStatic	-0,37	-4,404	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
65	0,12	SISMAVA	LinStatic	-0,37	-5,174	0	0	0
65	0	LM71SVB	LinStatic	0,008027	1,1	0	0	0
65	0,12	LM71SVB	LinStatic	0,008027	1,317	0	0	0
65	0	SW2SVB	LinStatic	0,006608	0,905	0	0	0
65	0,12	SW2SVB	LinStatic	0,006608	1,084	0	0	0
65	0	SISMAVB	LinStatic	0,37	4,404	0	0	0
65	0,12	SISMAVB	LinStatic	0,37	5,174	0	0	0
66	0	PP	LinStatic	2,346	8,887	0	0	0
66	0,075	PP	LinStatic	2,346	9,45	0	0	0
66	0	REINTSUP	LinStatic	0,094	15,423	0	0	0
66	0,075	REINTSUP	LinStatic	0,094	17,013	0	0	0
66	0	BALLAST	LinStatic	0,064	10,476	0	0	0
66	0,075	BALLAST	LinStatic	0,064	11,556	0	0	0
66	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
66	0,075	STERRASX	LinStatic	-19,197	3,492	0	0	0
66	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
66	0,075	STERRADX	LinStatic	-6,407	-11,222	0	0	0
66	0	TERMP	LinStatic	-1,106	0,028	0	0	0
66	0,075	TERMP	LinStatic	-1,106	0,028	0	0	0
66	0	TERMN	LinStatic	3,319	-0,083	0	0	0
66	0,075	TERMN	LinStatic	3,319	-0,083	0	0	0
66	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
66	0,075	GRADTP	LinStatic	4,359	-4,349	0	0	0
66	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
66	0,075	GRADTN	LinStatic	-4,359	4,349	0	0	0
66	0	LM71C	LinStatic	0,27	44,289	0	0	0
66	0,075	LM71C	LinStatic	0,27	48,855	0	0	0
66	0	LM71SX	LinStatic	-0,153	39,793	0	0	0
66	0,075	LM71SX	LinStatic	-0,153	44,359	0	0	0
66	0	LM71DX	LinStatic	0,423	4,496	0	0	0
66	0,075	LM71DX	LinStatic	0,423	4,496	0	0	0
66	0	STLM71	LinStatic	-18,708	4,212	0	0	0
66	0,075	STLM71	LinStatic	-18,708	4,212	0	0	0
66	0	AVVLM71	LinStatic	-6,058	12,017	0	0	0
66	0,075	AVVLM71	LinStatic	-6,816	12,017	0	0	0
66	0	SW2	LinStatic	0,222	36,476	0	0	0
66	0,075	SW2	LinStatic	0,222	40,236	0	0	0
66	0	STSW2	LinStatic	-15,413	3,47	0	0	0
66	0,075	STSW2	LinStatic	-15,413	3,47	0	0	0
66	0	FRENSW2	LinStatic	-6,423	12,742	0	0	0
66	0,075	FRENSW2	LinStatic	-7,227	12,742	0	0	0
66	0	SERP	LinStatic	0	0	0	0	0
66	0,075	SERP	LinStatic	0	0	0	0	0
66	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
66	0,075	INCRTER	LinStatic	-21,787	4,906	0	0	0
66	0	LM71SISO	LinStatic	-2,169	4,303	0	0	0
66	0,075	LM71SISO	LinStatic	-2,44	4,303	0	0	0
66	0	SW2SISO	LinStatic	-1,786	3,542	0	0	0
66	0,075	SW2SISO	LinStatic	-2,009	3,542	0	0	0
66	0	SISMAO	LinStatic	-7,559	15,884	0	0	0
66	0,075	SISMAO	LinStatic	-8,432	15,884	0	0	0
66	0	LM71SVA	LinStatic	-0,008027	-1,317	0	0	0
66	0,075	LM71SVA	LinStatic	-0,008027	-1,452	0	0	0
66	0	SW2SVA	LinStatic	-0,006608	-1,084	0	0	0
66	0,075	SW2SVA	LinStatic	-0,006608	-1,196	0	0	0
66	0	SISMAVA	LinStatic	-0,37	-5,174	0	0	0
66	0,075	SISMAVA	LinStatic	-0,37	-5,656	0	0	0
66	0	LM71SVB	LinStatic	0,008027	1,317	0	0	0
66	0,075	LM71SVB	LinStatic	0,008027	1,452	0	0	0
66	0	SW2SVB	LinStatic	0,006608	1,084	0	0	0
66	0,075	SW2SVB	LinStatic	0,006608	1,196	0	0	0
66	0	SISMAVB	LinStatic	0,37	5,174	0	0	0
66	0,075	SISMAVB	LinStatic	0,37	5,656	0	0	0
67	0	PP	LinStatic	2,346	9,45	0	0	0
67	0,075	PP	LinStatic	2,346	10,012	0	0	0
67	0	REINTSUP	LinStatic	0,094	17,013	0	0	0
67	0,075	REINTSUP	LinStatic	0,094	18,603	0	0	0
67	0	BALLAST	LinStatic	0,064	11,556	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
147 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
67	0,075	BALLAST	LinStatic	0,064	12,636	0	0	0
67	0	STERRASX	LinStatic	-19,197	3,492	0	0	0
67	0,075	STERRASX	LinStatic	-19,197	3,492	0	0	0
67	0	STERRADX	LinStatic	-6,407	-11,222	0	0	0
67	0,075	STERRADX	LinStatic	-6,407	-11,222	0	0	0
67	0	TERMP	LinStatic	-1,106	0,028	0	0	0
67	0,075	TERMP	LinStatic	-1,106	0,028	0	0	0
67	0	TERMN	LinStatic	3,319	-0,083	0	0	0
67	0,075	TERMN	LinStatic	3,319	-0,083	0	0	0
67	0	GRADTP	LinStatic	4,359	-4,349	0	0	0
67	0,075	GRADTP	LinStatic	4,359	-4,349	0	0	0
67	0	GRADTN	LinStatic	-4,359	4,349	0	0	0
67	0,075	GRADTN	LinStatic	-4,359	4,349	0	0	0
67	0	LM71C	LinStatic	0,27	48,855	0	0	0
67	0,075	LM71C	LinStatic	0,27	53,421	0	0	0
67	0	LM71SX	LinStatic	-0,153	44,359	0	0	0
67	0,075	LM71SX	LinStatic	-0,153	48,925	0	0	0
67	0	LM71DX	LinStatic	0,423	4,496	0	0	0
67	0,075	LM71DX	LinStatic	0,423	4,496	0	0	0
67	0	STLM71	LinStatic	-18,708	4,212	0	0	0
67	0,075	STLM71	LinStatic	-18,708	4,212	0	0	0
67	0	AVVLM71	LinStatic	-6,816	12,017	0	0	0
67	0,075	AVVLM71	LinStatic	-7,574	12,017	0	0	0
67	0	SW2	LinStatic	0,222	40,236	0	0	0
67	0,075	SW2	LinStatic	0,222	43,997	0	0	0
67	0	STSW2	LinStatic	-15,413	3,47	0	0	0
67	0,075	STSW2	LinStatic	-15,413	3,47	0	0	0
67	0	FRENSW2	LinStatic	-7,227	12,742	0	0	0
67	0,075	FRENSW2	LinStatic	-8,031	12,742	0	0	0
67	0	SERP	LinStatic	0	0	0	0	0
67	0,075	SERP	LinStatic	0	0	0	0	0
67	0	INCRTER	LinStatic	-21,787	4,906	0	0	0
67	0,075	INCRTER	LinStatic	-21,787	4,906	0	0	0
67	0	LM71SISO	LinStatic	-2,44	4,303	0	0	0
67	0,075	LM71SISO	LinStatic	-2,712	4,303	0	0	0
67	0	SW2SISO	LinStatic	-2,009	3,542	0	0	0
67	0,075	SW2SISO	LinStatic	-2,233	3,542	0	0	0
67	0	SISMAO	LinStatic	-8,432	15,884	0	0	0
67	0,075	SISMAO	LinStatic	-9,305	15,884	0	0	0
67	0	LM71SVA	LinStatic	-0,008027	-1,452	0	0	0
67	0,075	LM71SVA	LinStatic	-0,008027	-1,588	0	0	0
67	0	SW2SVA	LinStatic	-0,006608	-1,196	0	0	0
67	0,075	SW2SVA	LinStatic	-0,006608	-1,307	0	0	0
67	0	SISMAVA	LinStatic	-0,37	-5,656	0	0	0
67	0,075	SISMAVA	LinStatic	-0,37	-6,137	0	0	0
67	0	LM71SVB	LinStatic	0,008027	1,452	0	0	0
67	0,075	LM71SVB	LinStatic	0,008027	1,588	0	0	0
67	0	SW2SVB	LinStatic	0,006608	1,196	0	0	0
67	0,075	SW2SVB	LinStatic	0,006608	1,307	0	0	0
67	0	SISMAVB	LinStatic	0,37	5,656	0	0	0
67	0,075	SISMAVB	LinStatic	0,37	6,137	0	0	0
68	0	PP	LinStatic	2,346	-10,012	0	0	0
68	0,075	PP	LinStatic	2,346	-9,45	0	0	0
68	0	REINTSUP	LinStatic	0,094	-18,603	0	0	0
68	0,075	REINTSUP	LinStatic	0,094	-17,013	0	0	0
68	0	BALLAST	LinStatic	0,064	-12,636	0	0	0
68	0,075	BALLAST	LinStatic	0,064	-11,556	0	0	0
68	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
68	0,075	STERRASX	LinStatic	-6,407	11,222	0	0	0
68	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
68	0,075	STERRADX	LinStatic	-19,197	-3,492	0	0	0
68	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
68	0,075	TERMP	LinStatic	-1,106	-0,028	0	0	0
68	0	TERMN	LinStatic	3,319	0,083	0	0	0
68	0,075	TERMN	LinStatic	3,319	0,083	0	0	0
68	0	GRADTP	LinStatic	4,359	4,349	0	0	0
68	0,075	GRADTP	LinStatic	4,359	4,349	0	0	0
68	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
68	0,075	GRADTN	LinStatic	-4,359	-4,349	0	0	0
68	0	LM71C	LinStatic	0,27	-53,421	0	0	0
68	0,075	LM71C	LinStatic	0,27	-48,855	0	0	0
68	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
68	0,075	LM71SX	LinStatic	0,423	-4,496	0	0	0
68	0	LM71DX	LinStatic	-0,153	-48,925	0	0	0
68	0,075	LM71DX	LinStatic	-0,153	-44,359	0	0	0
68	0	STLM71	LinStatic	-6,225	10,745	0	0	0
68	0,075	STLM71	LinStatic	-6,225	10,745	0	0	0
68	0	AVVLM71	LinStatic	7,574	12,017	0	0	0
68	0,075	AVVLM71	LinStatic	6,816	12,017	0	0	0
68	0	SW2	LinStatic	0,222	-43,997	0	0	0
68	0,075	SW2	LinStatic	0,222	-40,236	0	0	0
68	0	STSW2	LinStatic	-5,128	8,852	0	0	0
68	0,075	STSW2	LinStatic	-5,128	8,852	0	0	0
68	0	FRENSW2	LinStatic	8,031	12,742	0	0	0
68	0,075	FRENSW2	LinStatic	7,227	12,742	0	0	0
68	0	SERP	LinStatic	0	0	0	0	0
68	0,075	SERP	LinStatic	0	0	0	0	0
68	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
68	0,075	INCRTER	LinStatic	-7,249	12,513	0	0	0
68	0	LM71SISO	LinStatic	2,712	4,303	0	0	0
68	0,075	LM71SISO	LinStatic	2,44	4,303	0	0	0
68	0	SW2SISO	LinStatic	2,233	3,542	0	0	0
68	0,075	SW2SISO	LinStatic	2,009	3,542	0	0	0
68	0	SISMAO	LinStatic	9,305	15,884	0	0	0
68	0,075	SISMAO	LinStatic	8,432	15,884	0	0	0
68	0	LM71SVA	LinStatic	-0,008027	1,588	0	0	0
68	0,075	LM71SVA	LinStatic	-0,008027	1,452	0	0	0
68	0	SW2SVA	LinStatic	-0,006608	1,307	0	0	0
68	0,075	SW2SVA	LinStatic	-0,006608	1,196	0	0	0
68	0	SISMAVA	LinStatic	-0,37	6,137	0	0	0
68	0,075	SISMAVA	LinStatic	-0,37	5,656	0	0	0
68	0	LM71SVB	LinStatic	0,008027	-1,588	0	0	0
68	0,075	LM71SVB	LinStatic	0,008027	-1,452	0	0	0
68	0	SW2SVB	LinStatic	0,006608	-1,307	0	0	0
68	0,075	SW2SVB	LinStatic	0,006608	-1,196	0	0	0
68	0	SISMAVB	LinStatic	0,37	-6,137	0	0	0
68	0,075	SISMAVB	LinStatic	0,37	-5,656	0	0	0
69	0	PP	LinStatic	2,346	-9,45	0	0	0
69	0,075	PP	LinStatic	2,346	-8,887	0	0	0
69	0	REINTSUP	LinStatic	0,094	-17,013	0	0	0
69	0,075	REINTSUP	LinStatic	0,094	-15,423	0	0	0
69	0	BALLAST	LinStatic	0,064	-11,556	0	0	0
69	0,075	BALLAST	LinStatic	0,064	-10,476	0	0	0
69	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
69	0,075	STERRASX	LinStatic	-6,407	11,222	0	0	0
69	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
69	0,075	STERRADX	LinStatic	-19,197	-3,492	0	0	0
69	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
69	0,075	TERMP	LinStatic	-1,106	-0,028	0	0	0
69	0	TERMN	LinStatic	3,319	0,083	0	0	0
69	0,075	TERMN	LinStatic	3,319	0,083	0	0	0
69	0	GRADTP	LinStatic	4,359	4,349	0	0	0
69	0,075	GRADTP	LinStatic	4,359	4,349	0	0	0
69	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
69	0,075	GRADTN	LinStatic	-4,359	-4,349	0	0	0
69	0	LM71C	LinStatic	0,27	-48,855	0	0	0
69	0,075	LM71C	LinStatic	0,27	-44,289	0	0	0
69	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
69	0,075	LM71SX	LinStatic	0,423	-4,496	0	0	0
69	0	LM71DX	LinStatic	-0,153	-44,359	0	0	0
69	0,075	LM71DX	LinStatic	-0,153	-39,793	0	0	0
69	0	STLM71	LinStatic	-6,225	10,745	0	0	0
69	0,075	STLM71	LinStatic	-6,225	10,745	0	0	0
69	0	AVVLM71	LinStatic	6,816	12,017	0	0	0
69	0,075	AVVLM71	LinStatic	6,058	12,017	0	0	0
69	0	SW2	LinStatic	0,222	-40,236	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
149 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
69	0,075	SW2	LinStatic	0,222	-36,476	0	0	0
69	0	STSW2	LinStatic	-5,128	8,852	0	0	0
69	0,075	STSW2	LinStatic	-5,128	8,852	0	0	0
69	0	FRENSW2	LinStatic	7,227	12,742	0	0	0
69	0,075	FRENSW2	LinStatic	6,423	12,742	0	0	0
69	0	SERP	LinStatic	0	0	0	0	0
69	0,075	SERP	LinStatic	0	0	0	0	0
69	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
69	0,075	INCRTER	LinStatic	-7,249	12,513	0	0	0
69	0	LM71SISO	LinStatic	2,44	4,303	0	0	0
69	0,075	LM71SISO	LinStatic	2,169	4,303	0	0	0
69	0	SW2SISO	LinStatic	2,009	3,542	0	0	0
69	0,075	SW2SISO	LinStatic	1,786	3,542	0	0	0
69	0	SISMAO	LinStatic	8,432	15,884	0	0	0
69	0,075	SISMAO	LinStatic	7,559	15,884	0	0	0
69	0	LM71SVA	LinStatic	-0,008027	1,452	0	0	0
69	0,075	LM71SVA	LinStatic	-0,008027	1,317	0	0	0
69	0	SW2SVA	LinStatic	-0,006608	1,196	0	0	0
69	0,075	SW2SVA	LinStatic	-0,006608	1,084	0	0	0
69	0	SISMAVA	LinStatic	-0,37	5,656	0	0	0
69	0,075	SISMAVA	LinStatic	-0,37	5,174	0	0	0
69	0	LM71SVB	LinStatic	0,008027	-1,452	0	0	0
69	0,075	LM71SVB	LinStatic	0,008027	-1,317	0	0	0
69	0	SW2SVB	LinStatic	0,006608	-1,196	0	0	0
69	0,075	SW2SVB	LinStatic	0,006608	-1,084	0	0	0
69	0	SISMAVB	LinStatic	0,37	-5,656	0	0	0
69	0,075	SISMAVB	LinStatic	0,37	-5,174	0	0	0
70	0	PP	LinStatic	2,346	-8,887	0	0	0
70	0,12	PP	LinStatic	2,346	-7,988	0	0	0
70	0	REINTSUP	LinStatic	0,094	-15,423	0	0	0
70	0,12	REINTSUP	LinStatic	0,094	-12,879	0	0	0
70	0	BALLAST	LinStatic	0,064	-10,476	0	0	0
70	0,12	BALLAST	LinStatic	0,064	-8,748	0	0	0
70	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
70	0,12	STERRASX	LinStatic	-6,407	11,222	0	0	0
70	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
70	0,12	STERRADX	LinStatic	-19,197	-3,492	0	0	0
70	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
70	0,12	TERMP	LinStatic	-1,106	-0,028	0	0	0
70	0	TERMN	LinStatic	3,319	0,083	0	0	0
70	0,12	TERMN	LinStatic	3,319	0,083	0	0	0
70	0	GRADTP	LinStatic	4,359	4,349	0	0	0
70	0,12	GRADTP	LinStatic	4,359	4,349	0	0	0
70	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
70	0,12	GRADTN	LinStatic	-4,359	-4,349	0	0	0
70	0	LM71C	LinStatic	0,27	-44,289	0	0	0
70	0,12	LM71C	LinStatic	0,27	-36,983	0	0	0
70	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
70	0,12	LM71SX	LinStatic	0,423	-4,496	0	0	0
70	0	LM71DX	LinStatic	-0,153	-39,793	0	0	0
70	0,12	LM71DX	LinStatic	-0,153	-32,488	0	0	0
70	0	STLM71	LinStatic	-6,225	10,745	0	0	0
70	0,12	STLM71	LinStatic	-6,225	10,745	0	0	0
70	0	AVVLM71	LinStatic	6,058	12,017	0	0	0
70	0,12	AVVLM71	LinStatic	4,844	12,017	0	0	0
70	0	SW2	LinStatic	0,222	-36,476	0	0	0
70	0,12	SW2	LinStatic	0,222	-30,459	0	0	0
70	0	STSW2	LinStatic	-5,128	8,852	0	0	0
70	0,12	STSW2	LinStatic	-5,128	8,852	0	0	0
70	0	FRENSW2	LinStatic	6,423	12,742	0	0	0
70	0,12	FRENSW2	LinStatic	5,137	12,742	0	0	0
70	0	SERP	LinStatic	0	0	0	0	0
70	0,12	SERP	LinStatic	0	0	0	0	0
70	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
70	0,12	INCRTER	LinStatic	-7,249	12,513	0	0	0
70	0	LM71SISO	LinStatic	2,169	4,303	0	0	0
70	0,12	LM71SISO	LinStatic	1,735	4,303	0	0	0
70	0	SW2SISO	LinStatic	1,786	3,542	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
150 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
70	0,12	SW2SISO	LinStatic	1,428	3,542	0	0	0
70	0	SISMAO	LinStatic	7,559	15,884	0	0	0
70	0,12	SISMAO	LinStatic	6,162	15,884	0	0	0
70	0	LM71SVA	LinStatic	-0,008027	1,317	0	0	0
70	0,12	LM71SVA	LinStatic	-0,008027	1,1	0	0	0
70	0	SW2SVA	LinStatic	-0,006608	1,084	0	0	0
70	0,12	SW2SVA	LinStatic	-0,006608	0,905	0	0	0
70	0	SISMAVA	LinStatic	-0,37	5,174	0	0	0
70	0,12	SISMAVA	LinStatic	-0,37	4,404	0	0	0
70	0	LM71SVB	LinStatic	0,008027	-1,317	0	0	0
70	0,12	LM71SVB	LinStatic	0,008027	-1,1	0	0	0
70	0	SW2SVB	LinStatic	0,006608	-1,084	0	0	0
70	0,12	SW2SVB	LinStatic	0,006608	-0,905	0	0	0
70	0	SISMAVB	LinStatic	0,37	-5,174	0	0	0
70	0,12	SISMAVB	LinStatic	0,37	-4,404	0	0	0
71	0	PP	LinStatic	2,346	-7,988	0	0	0
71	0,27	PP	LinStatic	2,346	-5,963	0	0	0
71	0,54	PP	LinStatic	2,346	-3,939	0	0	0
71	0	REINTSUP	LinStatic	0,094	-12,879	0	0	0
71	0,27	REINTSUP	LinStatic	0,094	-7,155	0	0	0
71	0,54	REINTSUP	LinStatic	0,094	-1,431	0	0	0
71	0	BALLAST	LinStatic	0,064	-8,748	0	0	0
71	0,27	BALLAST	LinStatic	0,064	-4,86	0	0	0
71	0,54	BALLAST	LinStatic	0,064	-0,972	0	0	0
71	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
71	0,27	STERRASX	LinStatic	-6,407	11,222	0	0	0
71	0,54	STERRASX	LinStatic	-6,407	11,222	0	0	0
71	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
71	0,27	STERRADX	LinStatic	-19,197	-3,492	0	0	0
71	0,54	STERRADX	LinStatic	-19,197	-3,492	0	0	0
71	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
71	0,27	TERMP	LinStatic	-1,106	-0,028	0	0	0
71	0,54	TERMP	LinStatic	-1,106	-0,028	0	0	0
71	0	TERMN	LinStatic	3,319	0,083	0	0	0
71	0,27	TERMN	LinStatic	3,319	0,083	0	0	0
71	0,54	TERMN	LinStatic	3,319	0,083	0	0	0
71	0	GRADTP	LinStatic	4,359	4,349	0	0	0
71	0,27	GRADTP	LinStatic	4,359	4,349	0	0	0
71	0,54	GRADTP	LinStatic	4,359	4,349	0	0	0
71	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
71	0,27	GRADTN	LinStatic	-4,359	-4,349	0	0	0
71	0,54	GRADTN	LinStatic	-4,359	-4,349	0	0	0
71	0	LM71C	LinStatic	0,27	-36,983	0	0	0
71	0,27	LM71C	LinStatic	0,27	-20,546	0	0	0
71	0,54	LM71C	LinStatic	0,27	-4,108	0	0	0
71	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
71	0,27	LM71SX	LinStatic	0,423	-4,496	0	0	0
71	0,54	LM71SX	LinStatic	0,423	-4,496	0	0	0
71	0	LM71DX	LinStatic	-0,153	-32,488	0	0	0
71	0,27	LM71DX	LinStatic	-0,153	-16,05	0	0	0
71	0,54	LM71DX	LinStatic	-0,153	0,387	0	0	0
71	0	STLM71	LinStatic	-6,225	10,745	0	0	0
71	0,27	STLM71	LinStatic	-6,225	10,745	0	0	0
71	0,54	STLM71	LinStatic	-6,225	10,745	0	0	0
71	0	AVVLM71	LinStatic	4,844	12,017	0	0	0
71	0,27	AVVLM71	LinStatic	2,115	12,017	0	0	0
71	0,54	AVVLM71	LinStatic	-0,615	12,017	0	0	0
71	0	SW2	LinStatic	0,222	-30,459	0	0	0
71	0,27	SW2	LinStatic	0,222	-16,921	0	0	0
71	0,54	SW2	LinStatic	0,222	-3,383	0	0	0
71	0	STSW2	LinStatic	-5,128	8,852	0	0	0
71	0,27	STSW2	LinStatic	-5,128	8,852	0	0	0
71	0,54	STSW2	LinStatic	-5,128	8,852	0	0	0
71	0	FRENSW2	LinStatic	5,137	12,742	0	0	0
71	0,27	FRENSW2	LinStatic	2,242	12,742	0	0	0
71	0,54	FRENSW2	LinStatic	-0,652	12,742	0	0	0
71	0	SERP	LinStatic	0	0	0	0	0
71	0,27	SERP	LinStatic	0	0	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
151 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
71	0,54	SERP	LinStatic	0	0	0	0	0
71	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
71	0,27	INCRTER	LinStatic	-7,249	12,513	0	0	0
71	0,54	INCRTER	LinStatic	-7,249	12,513	0	0	0
71	0	LM71SISO	LinStatic	1,735	4,303	0	0	0
71	0,27	LM71SISO	LinStatic	0,757	4,303	0	0	0
71	0,54	LM71SISO	LinStatic	-0,22	4,303	0	0	0
71	0	SW2SISO	LinStatic	1,428	3,542	0	0	0
71	0,27	SW2SISO	LinStatic	0,623	3,542	0	0	0
71	0,54	SW2SISO	LinStatic	-0,181	3,542	0	0	0
71	0	SISMAO	LinStatic	6,162	15,884	0	0	0
71	0,27	SISMAO	LinStatic	3,019	15,884	0	0	0
71	0,54	SISMAO	LinStatic	-0,124	15,884	0	0	0
71	0	LM71SVA	LinStatic	-0,008027	1,1	0	0	0
71	0,27	LM71SVA	LinStatic	-0,008027	0,611	0	0	0
71	0,54	LM71SVA	LinStatic	-0,008027	0,122	0	0	0
71	0	SW2SVA	LinStatic	-0,006608	0,905	0	0	0
71	0,27	SW2SVA	LinStatic	-0,006608	0,503	0	0	0
71	0,54	SW2SVA	LinStatic	-0,006608	0,101	0	0	0
71	0	SISMAVA	LinStatic	-0,37	4,404	0	0	0
71	0,27	SISMAVA	LinStatic	-0,37	2,67	0	0	0
71	0,54	SISMAVA	LinStatic	-0,37	0,937	0	0	0
71	0	LM71SVB	LinStatic	0,008027	-1,1	0	0	0
71	0,27	LM71SVB	LinStatic	0,008027	-0,611	0	0	0
71	0,54	LM71SVB	LinStatic	0,008027	-0,122	0	0	0
71	0	SW2SVB	LinStatic	0,006608	-0,905	0	0	0
71	0,27	SW2SVB	LinStatic	0,006608	-0,503	0	0	0
71	0,54	SW2SVB	LinStatic	0,006608	-0,101	0	0	0
71	0	SISMAVB	LinStatic	0,37	-4,404	0	0	0
71	0,27	SISMAVB	LinStatic	0,37	-2,67	0	0	0
71	0,54	SISMAVB	LinStatic	0,37	-0,937	0	0	0
72	0	PP	LinStatic	2,346	-3,939	0	0	0
72	0,27	PP	LinStatic	2,346	-1,914	0	0	0
72	0,54	PP	LinStatic	2,346	0,11	0	0	0
72	0	REINTSUP	LinStatic	0,094	-1,431	0	0	0
72	0,27	REINTSUP	LinStatic	0,094	4,293	0	0	0
72	0,54	REINTSUP	LinStatic	0,094	10,017	0	0	0
72	0	BALLAST	LinStatic	0,064	-0,972	0	0	0
72	0,27	BALLAST	LinStatic	0,064	2,916	0	0	0
72	0,54	BALLAST	LinStatic	0,064	6,804	0	0	0
72	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
72	0,27	STERRASX	LinStatic	-6,407	11,222	0	0	0
72	0,54	STERRASX	LinStatic	-6,407	11,222	0	0	0
72	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
72	0,27	STERRADX	LinStatic	-19,197	-3,492	0	0	0
72	0,54	STERRADX	LinStatic	-19,197	-3,492	0	0	0
72	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
72	0,27	TERMP	LinStatic	-1,106	-0,028	0	0	0
72	0,54	TERMP	LinStatic	-1,106	-0,028	0	0	0
72	0	TERMN	LinStatic	3,319	0,083	0	0	0
72	0,27	TERMN	LinStatic	3,319	0,083	0	0	0
72	0,54	TERMN	LinStatic	3,319	0,083	0	0	0
72	0	GRADTP	LinStatic	4,359	4,349	0	0	0
72	0,27	GRADTP	LinStatic	4,359	4,349	0	0	0
72	0,54	GRADTP	LinStatic	4,359	4,349	0	0	0
72	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
72	0,27	GRADTN	LinStatic	-4,359	-4,349	0	0	0
72	0,54	GRADTN	LinStatic	-4,359	-4,349	0	0	0
72	0	LM71C	LinStatic	0,27	-4,108	0	0	0
72	0,27	LM71C	LinStatic	0,27	12,33	0	0	0
72	0,54	LM71C	LinStatic	0,27	28,767	0	0	0
72	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
72	0,27	LM71SX	LinStatic	0,423	-4,496	0	0	0
72	0,54	LM71SX	LinStatic	0,423	-4,496	0	0	0
72	0	LM71DX	LinStatic	-0,153	0,387	0	0	0
72	0,27	LM71DX	LinStatic	-0,153	16,825	0	0	0
72	0,54	LM71DX	LinStatic	-0,153	33,263	0	0	0
72	0	STLM71	LinStatic	-6,225	10,745	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
152 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
72	0,27	STLM71	LinStatic	-6,225	10,745	0	0	0
72	0,54	STLM71	LinStatic	-6,225	10,745	0	0	0
72	0	AVVLM71	LinStatic	-0,615	12,017	0	0	0
72	0,27	AVVLM71	LinStatic	-3,345	12,017	0	0	0
72	0,54	AVVLM71	LinStatic	-6,074	12,017	0	0	0
72	0	SW2	LinStatic	0,222	-3,383	0	0	0
72	0,27	SW2	LinStatic	0,222	10,154	0	0	0
72	0,54	SW2	LinStatic	0,222	23,692	0	0	0
72	0	STSW2	LinStatic	-5,128	8,852	0	0	0
72	0,27	STSW2	LinStatic	-5,128	8,852	0	0	0
72	0,54	STSW2	LinStatic	-5,128	8,852	0	0	0
72	0	FRENSW2	LinStatic	-0,652	12,742	0	0	0
72	0,27	FRENSW2	LinStatic	-3,547	12,742	0	0	0
72	0,54	FRENSW2	LinStatic	-6,441	12,742	0	0	0
72	0	SERP	LinStatic	0	0	0	0	0
72	0,27	SERP	LinStatic	0	0	0	0	0
72	0,54	SERP	LinStatic	0	0	0	0	0
72	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
72	0,27	INCRTER	LinStatic	-7,249	12,513	0	0	0
72	0,54	INCRTER	LinStatic	-7,249	12,513	0	0	0
72	0	LM71SISO	LinStatic	-0,22	4,303	0	0	0
72	0,27	LM71SISO	LinStatic	-1,198	4,303	0	0	0
72	0,54	LM71SISO	LinStatic	-2,175	4,303	0	0	0
72	0	SW2SISO	LinStatic	-0,181	3,542	0	0	0
72	0,27	SW2SISO	LinStatic	-0,986	3,542	0	0	0
72	0,54	SW2SISO	LinStatic	-1,79	3,542	0	0	0
72	0	SISMAO	LinStatic	-0,124	15,884	0	0	0
72	0,27	SISMAO	LinStatic	-3,267	15,884	0	0	0
72	0,54	SISMAO	LinStatic	-6,409	15,884	0	0	0
72	0	LM71SVA	LinStatic	-0,008027	0,122	0	0	0
72	0,27	LM71SVA	LinStatic	-0,008027	-0,367	0	0	0
72	0,54	LM71SVA	LinStatic	-0,008027	-0,855	0	0	0
72	0	SW2SVA	LinStatic	-0,006608	0,101	0	0	0
72	0,27	SW2SVA	LinStatic	-0,006608	-0,302	0	0	0
72	0,54	SW2SVA	LinStatic	-0,006608	-0,704	0	0	0
72	0	SISMAVA	LinStatic	-0,37	0,937	0	0	0
72	0,27	SISMAVA	LinStatic	-0,37	-0,796	0	0	0
72	0,54	SISMAVA	LinStatic	-0,37	-2,53	0	0	0
72	0	LM71SVB	LinStatic	0,008027	-0,122	0	0	0
72	0,27	LM71SVB	LinStatic	0,008027	0,367	0	0	0
72	0,54	LM71SVB	LinStatic	0,008027	0,855	0	0	0
72	0	SW2SVB	LinStatic	0,006608	-0,101	0	0	0
72	0,27	SW2SVB	LinStatic	0,006608	0,302	0	0	0
72	0,54	SW2SVB	LinStatic	0,006608	0,704	0	0	0
72	0	SISMAVB	LinStatic	0,37	-0,937	0	0	0
72	0,27	SISMAVB	LinStatic	0,37	0,796	0	0	0
72	0,54	SISMAVB	LinStatic	0,37	2,53	0	0	0
73	0	PP	LinStatic	2,346	0,11	0	0	0
73	0,075	PP	LinStatic	2,346	0,672	0	0	0
73	0	REINTSUP	LinStatic	0,094	10,017	0	0	0
73	0,075	REINTSUP	LinStatic	0,094	11,607	0	0	0
73	0	BALLAST	LinStatic	0,064	6,804	0	0	0
73	0,075	BALLAST	LinStatic	0,064	7,884	0	0	0
73	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
73	0,075	STERRASX	LinStatic	-6,407	11,222	0	0	0
73	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
73	0,075	STERRADX	LinStatic	-19,197	-3,492	0	0	0
73	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
73	0,075	TERMP	LinStatic	-1,106	-0,028	0	0	0
73	0	TERMN	LinStatic	3,319	0,083	0	0	0
73	0,075	TERMN	LinStatic	3,319	0,083	0	0	0
73	0	GRADTP	LinStatic	4,359	4,349	0	0	0
73	0,075	GRADTP	LinStatic	4,359	4,349	0	0	0
73	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
73	0,075	GRADTN	LinStatic	-4,359	-4,349	0	0	0
73	0	LM71C	LinStatic	0,27	28,767	0	0	0
73	0,075	LM71C	LinStatic	0,27	33,333	0	0	0
73	0	LM71SX	LinStatic	0,423	-4,496	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
153 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
73	0,075	LM71SX	LinStatic	0,423	-4,496	0	0	0
73	0	LM71DX	LinStatic	-0,153	33,263	0	0	0
73	0,075	LM71DX	LinStatic	-0,153	37,829	0	0	0
73	0	STLM71	LinStatic	-6,225	10,745	0	0	0
73	0,075	STLM71	LinStatic	-6,225	10,745	0	0	0
73	0	AVVLM71	LinStatic	-6,074	12,017	0	0	0
73	0,075	AVVLM71	LinStatic	-6,833	12,017	0	0	0
73	0	SW2	LinStatic	0,222	23,692	0	0	0
73	0,075	SW2	LinStatic	0,222	27,453	0	0	0
73	0	STSW2	LinStatic	-5,128	8,852	0	0	0
73	0,075	STSW2	LinStatic	-5,128	8,852	0	0	0
73	0	FRENSW2	LinStatic	-6,441	12,742	0	0	0
73	0,075	FRENSW2	LinStatic	-7,245	12,742	0	0	0
73	0	SERP	LinStatic	0	0	0	0	0
73	0,075	SERP	LinStatic	0	0	0	0	0
73	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
73	0,075	INCRTER	LinStatic	-7,249	12,513	0	0	0
73	0	LM71SISO	LinStatic	-2,175	4,303	0	0	0
73	0,075	LM71SISO	LinStatic	-2,447	4,303	0	0	0
73	0	SW2SISO	LinStatic	-1,79	3,542	0	0	0
73	0,075	SW2SISO	LinStatic	-2,014	3,542	0	0	0
73	0	SISMAO	LinStatic	-6,409	15,884	0	0	0
73	0,075	SISMAO	LinStatic	-7,282	15,884	0	0	0
73	0	LM71SVA	LinStatic	-0,008027	-0,855	0	0	0
73	0,075	LM71SVA	LinStatic	-0,008027	-0,991	0	0	0
73	0	SW2SVA	LinStatic	-0,006608	-0,704	0	0	0
73	0,075	SW2SVA	LinStatic	-0,006608	-0,816	0	0	0
73	0	SISMAVA	LinStatic	-0,37	-2,53	0	0	0
73	0,075	SISMAVA	LinStatic	-0,37	-3,011	0	0	0
73	0	LM71SVB	LinStatic	0,008027	0,855	0	0	0
73	0,075	LM71SVB	LinStatic	0,008027	0,991	0	0	0
73	0	SW2SVB	LinStatic	0,006608	0,704	0	0	0
73	0,075	SW2SVB	LinStatic	0,006608	0,816	0	0	0
73	0	SISMAVB	LinStatic	0,37	2,53	0	0	0
73	0,075	SISMAVB	LinStatic	0,37	3,011	0	0	0
74	0	PP	LinStatic	2,346	0,672	0	0	0
74	0,075	PP	LinStatic	2,346	1,235	0	0	0
74	0	REINTSUP	LinStatic	0,094	11,607	0	0	0
74	0,075	REINTSUP	LinStatic	0,094	13,197	0	0	0
74	0	BALLAST	LinStatic	0,064	7,884	0	0	0
74	0,075	BALLAST	LinStatic	0,064	8,964	0	0	0
74	0	STERRASX	LinStatic	-6,407	11,222	0	0	0
74	0,075	STERRASX	LinStatic	-6,407	11,222	0	0	0
74	0	STERRADX	LinStatic	-19,197	-3,492	0	0	0
74	0,075	STERRADX	LinStatic	-19,197	-3,492	0	0	0
74	0	TERMP	LinStatic	-1,106	-0,028	0	0	0
74	0,075	TERMP	LinStatic	-1,106	-0,028	0	0	0
74	0	TERMN	LinStatic	3,319	0,083	0	0	0
74	0,075	TERMN	LinStatic	3,319	0,083	0	0	0
74	0	GRADTP	LinStatic	4,359	4,349	0	0	0
74	0,075	GRADTP	LinStatic	4,359	4,349	0	0	0
74	0	GRADTN	LinStatic	-4,359	-4,349	0	0	0
74	0,075	GRADTN	LinStatic	-4,359	-4,349	0	0	0
74	0	LM71C	LinStatic	0,27	33,333	0	0	0
74	0,075	LM71C	LinStatic	0,27	37,899	0	0	0
74	0	LM71SX	LinStatic	0,423	-4,496	0	0	0
74	0,075	LM71SX	LinStatic	0,423	-4,496	0	0	0
74	0	LM71DX	LinStatic	-0,153	37,829	0	0	0
74	0,075	LM71DX	LinStatic	-0,153	42,395	0	0	0
74	0	STLM71	LinStatic	-6,225	10,745	0	0	0
74	0,075	STLM71	LinStatic	-6,225	10,745	0	0	0
74	0	AVVLM71	LinStatic	-6,833	12,017	0	0	0
74	0,075	AVVLM71	LinStatic	-7,591	12,017	0	0	0
74	0	SW2	LinStatic	0,222	27,453	0	0	0
74	0,075	SW2	LinStatic	0,222	31,213	0	0	0
74	0	STSW2	LinStatic	-5,128	8,852	0	0	0
74	0,075	STSW2	LinStatic	-5,128	8,852	0	0	0
74	0	FRENSW2	LinStatic	-7,245	12,742	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
154 di 294

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
74	0,075	FRENSW2	LinStatic	-8,049	12,742	0	0	0
74	0	SERP	LinStatic	0	0	0	0	0
74	0,075	SERP	LinStatic	0	0	0	0	0
74	0	INCRTER	LinStatic	-7,249	12,513	0	0	0
74	0,075	INCRTER	LinStatic	-7,249	12,513	0	0	0
74	0	LM71SISO	LinStatic	-2,447	4,303	0	0	0
74	0,075	LM71SISO	LinStatic	-2,718	4,303	0	0	0
74	0	SW2SISO	LinStatic	-2,014	3,542	0	0	0
74	0,075	SW2SISO	LinStatic	-2,237	3,542	0	0	0
74	0	SISMAO	LinStatic	-7,282	15,884	0	0	0
74	0,075	SISMAO	LinStatic	-8,155	15,884	0	0	0
74	0	LM71SVA	LinStatic	-0,008027	-0,991	0	0	0
74	0,075	LM71SVA	LinStatic	-0,008027	-1,127	0	0	0
74	0	SW2SVA	LinStatic	-0,006608	-0,816	0	0	0
74	0,075	SW2SVA	LinStatic	-0,006608	-0,928	0	0	0
74	0	SISMAVA	LinStatic	-0,37	-3,011	0	0	0
74	0,075	SISMAVA	LinStatic	-0,37	-3,493	0	0	0
74	0	LM71SVB	LinStatic	0,008027	0,991	0	0	0
74	0,075	LM71SVB	LinStatic	0,008027	1,127	0	0	0
74	0	SW2SVB	LinStatic	0,006608	0,816	0	0	0
74	0,075	SW2SVB	LinStatic	0,006608	0,928	0	0	0
74	0	SISMAVB	LinStatic	0,37	3,011	0	0	0
74	0,075	SISMAVB	LinStatic	0,37	3,493	0	0	0

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0	PP	3,5767	1-1	0
1	0,075	PP	2,2581	1-1	0,075
1	0	REINTSUP	1,2888	1-1	0
1	0,075	REINTSUP	0,357	1-1	0,075
1	0	BALLAST	0,8754	1-1	0
1	0,075	BALLAST	0,2425	1-1	0,075
1	0	STERRASX	14,4833	1-1	0
1	0,075	STERRASX	14,6343	1-1	0,075
1	0	STERRADX	-6,2935	1-1	0
1	0,075	STERRADX	-7,0245	1-1	0,075
1	0	TERMP	-1,2583	1-1	0
1	0,075	TERMP	-1,256	1-1	0,075
1	0	TERMN	3,7749	1-1	0
1	0,075	TERMN	3,7681	1-1	0,075
1	0	GRADTP	3,2384	1-1	0
1	0,075	GRADTP	2,9124	1-1	0,075
1	0	GRADTN	-3,2384	1-1	0
1	0,075	GRADTN	-2,9124	1-1	0,075
1	0	LM71C	3,701	1-1	0
1	0,075	LM71C	1,0253	1-1	0,075
1	0	LM71SX	3,6348	1-1	0
1	0,075	LM71SX	0,6669	1-1	0,075
1	0	LM71DX	0,0662	1-1	0
1	0,075	LM71DX	0,3584	1-1	0,075
1	0	STLM71	12,9385	1-1	0
1	0,075	STLM71	13,147	1-1	0,075
1	0	AVVLM71	7,6662	1-1	0
1	0,075	AVVLM71	8,4366	1-1	0,075
1	0	SW2	3,0481	1-1	0
1	0,075	SW2	0,8444	1-1	0,075
1	0	STSW2	10,6594	1-1	0
1	0,075	STSW2	10,8312	1-1	0,075
1	0	FRENSW2	8,1287	1-1	0
1	0,075	FRENSW2	8,9457	1-1	0,075
1	0	SERP	0	1-1	0
1	0,075	SERP	0	1-1	0,075
1	0	INCRTER	15,068	1-1	0
1	0,075	INCRTER	15,3108	1-1	0,075
1	0	LM71SISO	2,745	1-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
155 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0,075	LM71SISO	3,0208	1-1	0,075
1	0	SW2SISO	2,2597	1-1	0
1	0,075	SW2SISO	2,4868	1-1	0,075
1	0	SISMAO	11,2628	1-1	0
1	0,075	SISMAO	12,2733	1-1	0,075
1	0	LM71SVA	-0,11	1-1	0
1	0,075	LM71SVA	-0,0305	1-1	0,075
1	0	SW2SVA	-0,0906	1-1	0
1	0,075	SW2SVA	-0,0251	1-1	0,075
1	0	SISMAVA	-0,8529	1-1	0
1	0,075	SISMAVA	-0,4224	1-1	0,075
1	0	LM71SVB	0,11	1-1	0
1	0,075	LM71SVB	0,0305	1-1	0,075
1	0	SW2SVB	0,0906	1-1	0
1	0,075	SW2SVB	0,0251	1-1	0,075
1	0	SISMAVB	0,8529	1-1	0
1	0,075	SISMAVB	0,4224	1-1	0,075
2	0	PP	2,2581	2-1	0
2	0,075	PP	1,0739	2-1	0,075
2	0	REINTSUP	0,357	2-1	0
2	0,075	REINTSUP	-0,4587	2-1	0,075
2	0	BALLAST	0,2425	2-1	0
2	0,075	BALLAST	-0,3116	2-1	0,075
2	0	STERRASX	14,6343	2-1	0
2	0,075	STERRASX	14,575	2-1	0,075
2	0	STERRADX	-7,0245	2-1	0
2	0,075	STERRADX	-7,5451	2-1	0,075
2	0	TERMP	-1,256	2-1	0
2	0,075	TERMP	-1,2535	2-1	0,075
2	0	TERMN	3,7681	2-1	0
2	0,075	TERMN	3,7604	2-1	0,075
2	0	GRADTP	2,9124	2-1	0
2	0,075	GRADTP	2,5866	2-1	0,075
2	0	GRADTN	-2,9124	2-1	0
2	0,075	GRADTN	-2,5866	2-1	0,075
2	0	LM71C	1,0253	2-1	0
2	0,075	LM71C	-1,3172	2-1	0,075
2	0	LM71SX	0,6669	2-1	0
2	0,075	LM71SX	-1,8905	2-1	0,075
2	0	LM71DX	0,3584	2-1	0
2	0,075	LM71DX	0,5733	2-1	0,075
2	0	STLM71	13,147	2-1	0
2	0,075	STLM71	13,1517	2-1	0,075
2	0	AVVLM71	8,4366	2-1	0
2	0,075	AVVLM71	8,9587	2-1	0,075
2	0	SW2	0,8444	2-1	0
2	0,075	SW2	-1,0848	2-1	0,075
2	0	STSW2	10,8312	2-1	0
2	0,075	STSW2	10,8351	2-1	0,075
2	0	FRENSW2	8,9457	2-1	0
2	0,075	FRENSW2	9,4992	2-1	0,075
2	0	SERP	0	2-1	0
2	0,075	SERP	0	2-1	0,075
2	0	INCRTER	15,3108	2-1	0
2	0,075	INCRTER	15,3162	2-1	0,075
2	0	LM71SISO	3,0208	2-1	0
2	0,075	LM71SISO	3,2078	2-1	0,075
2	0	SW2SISO	2,4868	2-1	0
2	0,075	SW2SISO	2,6406	2-1	0,075
2	0	SISMAO	12,2733	2-1	0
2	0,075	SISMAO	12,9404	2-1	0,075
2	0	LM71SVA	-0,0305	2-1	0
2	0,075	LM71SVA	0,0392	2-1	0,075
2	0	SW2SVA	-0,0251	2-1	0
2	0,075	SW2SVA	0,0322	2-1	0,075
2	0	SISMAVA	-0,4224	2-1	0
2	0,075	SISMAVA	-0,0412	2-1	0,075
2	0	LM71SVB	0,0305	2-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
156 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	0,075	LM71SVB	-0,0392	2-1	0,075
2	0	SW2SVB	0,0251	2-1	0
2	0,075	SW2SVB	-0,0322	2-1	0,075
2	0	SISMAVB	0,4224	2-1	0
2	0,075	SISMAVB	0,0412	2-1	0,075
3	0	PP	1,0739	3-1	0
3	0,0871	PP	-0,1325	3-1	0,0871
3	0	REINTSUP	-0,4587	3-1	0
3	0,0871	REINTSUP	-1,2604	3-1	0,0871
3	0	BALLAST	-0,3116	3-1	0
3	0,0871	BALLAST	-0,8561	3-1	0,0871
3	0	STERRASX	14,575	3-1	0
3	0,0871	STERRASX	14,2562	3-1	0,0871
3	0	STERRADX	-7,5451	3-1	0
3	0,0871	STERRADX	-7,9	3-1	0,0871
3	0	TERMP	-1,2535	3-1	0
3	0,0871	TERMP	-1,2502	3-1	0,0871
3	0	TERMN	3,7604	3-1	0
3	0,0871	TERMN	3,7505	3-1	0,0871
3	0	GRADTP	2,5866	3-1	0
3	0,0871	GRADTP	2,2086	3-1	0,0871
3	0	GRADTN	-2,5866	3-1	0
3	0,0871	GRADTN	-2,2086	3-1	0,0871
3	0	LM71C	-1,3172	3-1	0
3	0,0871	LM71C	-3,6195	3-1	0,0871
3	0	LM71SX	-1,8905	3-1	0
3	0,0871	LM71SX	-4,3618	3-1	0,0871
3	0	LM71DX	0,5733	3-1	0
3	0,0871	LM71DX	0,7422	3-1	0,0871
3	0	STLM71	13,1517	3-1	0
3	0,0871	STLM71	12,9149	3-1	0,0871
3	0	AVVLM71	8,9587	3-1	0
3	0,0871	AVVLM71	9,2698	3-1	0,0871
3	0	SW2	-1,0848	3-1	0
3	0,0871	SW2	-2,981	3-1	0,0871
3	0	STSW2	10,8351	3-1	0
3	0,0871	STSW2	10,64	3-1	0,0871
3	0	FRENSW2	9,4992	3-1	0
3	0,0871	FRENSW2	9,8291	3-1	0,0871
3	0	SERP	0	3-1	0
3	0,0871	SERP	0	3-1	0,0871
3	0	INCRTER	15,3162	3-1	0
3	0,0871	INCRTER	15,0405	3-1	0,0871
3	0	LM71SISO	3,2078	3-1	0
3	0,0871	LM71SISO	3,3192	3-1	0,0871
3	0	SW2SISO	2,6406	3-1	0
3	0,0871	SW2SISO	2,7324	3-1	0,0871
3	0	SISMAO	12,9404	3-1	0
3	0,0871	SISMAO	13,3073	3-1	0,0871
3	0	LM71SVA	0,0392	3-1	0
3	0,0871	LM71SVA	0,1076	3-1	0,0871
3	0	SW2SVA	0,0322	3-1	0
3	0,0871	SW2SVA	0,0886	3-1	0,0871
3	0	SISMAVA	-0,0412	3-1	0
3	0,0871	SISMAVA	0,3397	3-1	0,0871
3	0	LM71SVB	-0,0392	3-1	0
3	0,0871	LM71SVB	-0,1076	3-1	0,0871
3	0	SW2SVB	-0,0322	3-1	0
3	0,0871	SW2SVB	-0,0886	3-1	0,0871
3	0	SISMAVB	0,0412	3-1	0
3	0,0871	SISMAVB	-0,3397	3-1	0,0871
4	0	PP	-0,1325	4-1	0
4	0,0871	PP	-1,1578	4-1	0,0871
4	0	REINTSUP	-1,2604	4-1	0
4	0,0871	REINTSUP	-1,9058	4-1	0,0871
4	0	BALLAST	-0,8561	4-1	0
4	0,0871	BALLAST	-1,2945	4-1	0,0871
4	0	STERRASX	14,2562	4-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
157 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
4	0,0871	STERRASX	13,6865	4-1	0,0871
4	0	STERRADX	-7,9	4-1	0
4	0,0871	STERRADX	-8,0039	4-1	0,0871
4	0	TERMP	-1,2502	4-1	0
4	0,0871	TERMP	-1,2466	4-1	0,0871
4	0	TERMN	3,7505	4-1	0
4	0,0871	TERMN	3,7398	4-1	0,0871
4	0	GRADTP	2,2086	4-1	0
4	0,0871	GRADTP	1,8309	4-1	0,0871
4	0	GRADTN	-2,2086	4-1	0
4	0,0871	GRADTN	-1,8309	4-1	0,0871
4	0	LM71C	-3,6195	4-1	0
4	0,0871	LM71C	-5,4728	4-1	0,0871
4	0	LM71SX	-4,3618	4-1	0
4	0,0871	LM71SX	-6,3173	4-1	0,0871
4	0	LM71DX	0,7422	4-1	0
4	0,0871	LM71DX	0,8445	4-1	0,0871
4	0	STLM71	12,9149	4-1	0
4	0,0871	STLM71	12,435	4-1	0,0871
4	0	AVVLM71	9,2698	4-1	0
4	0,0871	AVVLM71	9,2845	4-1	0,0871
4	0	SW2	-2,981	4-1	0
4	0,0871	SW2	-4,5074	4-1	0,0871
4	0	STSW2	10,64	4-1	0
4	0,0871	STSW2	10,2447	4-1	0,0871
4	0	FRENSW2	9,8291	4-1	0
4	0,0871	FRENSW2	9,8447	4-1	0,0871
4	0	SERP	0	4-1	0
4	0,0871	SERP	0	4-1	0,0871
4	0	INCRTER	15,0405	4-1	0
4	0,0871	INCRTER	14,4816	4-1	0,0871
4	0	LM71SISO	3,3192	4-1	0
4	0,0871	LM71SISO	3,3244	4-1	0,0871
4	0	SW2SISO	2,7324	4-1	0
4	0,0871	SW2SISO	2,7367	4-1	0,0871
4	0	SISMAO	13,3073	4-1	0
4	0,0871	SISMAO	13,2644	4-1	0,0871
4	0	LM71SVA	0,1076	4-1	0
4	0,0871	LM71SVA	0,1627	4-1	0,0871
4	0	SW2SVA	0,0886	4-1	0
4	0,0871	SW2SVA	0,1339	4-1	0,0871
4	0	SISMAVA	0,3397	4-1	0
4	0,0871	SISMAVA	0,6542	4-1	0,0871
4	0	LM71SVB	-0,1076	4-1	0
4	0,0871	LM71SVB	-0,1627	4-1	0,0871
4	0	SW2SVB	-0,0886	4-1	0
4	0,0871	SW2SVB	-0,1339	4-1	0,0871
4	0	SISMAVB	-0,3397	4-1	0
4	0,0871	SISMAVB	-0,6542	4-1	0,0871
5	0	PP	-1,1578	5-1	0
5	0,0871	PP	-2,0019	5-1	0,0871
5	0	REINTSUP	-1,9058	5-1	0
5	0,0871	REINTSUP	-2,3949	5-1	0,0871
5	0	BALLAST	-1,2945	5-1	0
5	0,0871	BALLAST	-1,6267	5-1	0,0871
5	0	STERRASX	13,6865	5-1	0
5	0,0871	STERRASX	12,8835	5-1	0,0871
5	0	STERRADX	-8,0039	5-1	0
5	0,0871	STERRADX	-7,8743	5-1	0,0871
5	0	TERMP	-1,2466	5-1	0
5	0,0871	TERMP	-1,2428	5-1	0,0871
5	0	TERMN	3,7398	5-1	0
5	0,0871	TERMN	3,7284	5-1	0,0871
5	0	GRADTP	1,8309	5-1	0
5	0,0871	GRADTP	1,4535	5-1	0,0871
5	0	GRADTN	-1,8309	5-1	0
5	0,0871	GRADTN	-1,4535	5-1	0,0871
5	0	LM71C	-5,4728	5-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
158 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
5	0,0871	LM71C	-6,8773	5-1	0,0871
5	0	LM71SX	-6,3173	5-1	0
5	0,0871	LM71SX	-7,7775	5-1	0,0871
5	0	LM71DX	0,8445	5-1	0
5	0,0871	LM71DX	0,9002	5-1	0,0871
5	0	STLM71	12,435	5-1	0
5	0,0871	STLM71	11,7289	5-1	0,0871
5	0	AVVLM71	9,2845	5-1	0
5	0,0871	AVVLM71	9,0233	5-1	0,0871
5	0	SW2	-4,5074	5-1	0
5	0,0871	SW2	-5,6641	5-1	0,0871
5	0	STSW2	10,2447	5-1	0
5	0,0871	STSW2	9,6629	5-1	0,0871
5	0	FRENSW2	9,8447	5-1	0
5	0,0871	FRENSW2	9,5678	5-1	0,0871
5	0	SERP	0	5-1	0
5	0,0871	SERP	0	5-1	0,0871
5	0	INCRTER	14,4816	5-1	0
5	0,0871	INCRTER	13,6593	5-1	0,0871
5	0	LM71SISO	3,3244	5-1	0
5	0,0871	LM71SISO	3,2309	5-1	0,0871
5	0	SW2SISO	2,7367	5-1	0
5	0,0871	SW2SISO	2,6597	5-1	0,0871
5	0	SISMAO	13,2644	5-1	0
5	0,0871	SISMAO	12,8401	5-1	0,0871
5	0	LM71SVA	0,1627	5-1	0
5	0,0871	LM71SVA	0,2045	5-1	0,0871
5	0	SW2SVA	0,1339	5-1	0
5	0,0871	SW2SVA	0,1683	5-1	0,0871
5	0	SISMAVA	0,6542	5-1	0
5	0,0871	SISMAVA	0,9023	5-1	0,0871
5	0	LM71SVB	-0,1627	5-1	0
5	0,0871	LM71SVB	-0,2045	5-1	0,0871
5	0	SW2SVB	-0,1339	5-1	0
5	0,0871	SW2SVB	-0,1683	5-1	0,0871
5	0	SISMAVB	-0,6542	5-1	0
5	0,0871	SISMAVB	-0,9023	5-1	0,0871
6	0	PP	-2,0019	6-1	0
6	0,0871	PP	-2,6651	6-1	0,0871
6	0	REINTSUP	-2,3949	6-1	0
6	0,0871	REINTSUP	-2,7277	6-1	0,0871
6	0	BALLAST	-1,6267	6-1	0
6	0,0871	BALLAST	-1,8528	6-1	0,0871
6	0	STERRASX	12,8835	6-1	0
6	0,0871	STERRASX	11,8645	6-1	0,0871
6	0	STERRADX	-7,8743	6-1	0
6	0,0871	STERRADX	-7,5288	6-1	0,0871
6	0	TERMP	-1,2428	6-1	0
6	0,0871	TERMP	-1,2388	6-1	0,0871
6	0	TERMN	3,7284	6-1	0
6	0,0871	TERMN	3,7165	6-1	0,0871
6	0	GRADTP	1,4535	6-1	0
6	0,0871	GRADTP	1,0764	6-1	0,0871
6	0	GRADTN	-1,4535	6-1	0
6	0,0871	GRADTN	-1,0764	6-1	0,0871
6	0	LM71C	-6,8773	6-1	0
6	0,0871	LM71C	-7,8331	6-1	0,0871
6	0	LM71SX	-7,7775	6-1	0
6	0,0871	LM71SX	-8,7626	6-1	0,0871
6	0	LM71DX	0,9002	6-1	0
6	0,0871	LM71DX	0,9296	6-1	0,0871
6	0	STLM71	11,7289	6-1	0
6	0,0871	STLM71	10,8135	6-1	0,0871
6	0	AVVLM71	9,0233	6-1	0
6	0,0871	AVVLM71	8,5069	6-1	0,0871
6	0	SW2	-5,6641	6-1	0
6	0,0871	SW2	-6,4512	6-1	0,0871
6	0	STSW2	9,6629	6-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
159 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
6	0,0871	STSW2	8,9088	6-1	0,0871
6	0	FRENSW2	9,5678	6-1	0
6	0,0871	FRENSW2	9,0201	6-1	0,0871
6	0	SERP	0	6-1	0
6	0,0871	SERP	0	6-1	0,0871
6	0	INCRTER	13,6593	6-1	0
6	0,0871	INCRTER	12,5933	6-1	0,0871
6	0	LM71SISO	3,2309	6-1	0
6	0,0871	LM71SISO	3,046	6-1	0,0871
6	0	SW2SISO	2,6597	6-1	0
6	0,0871	SW2SISO	2,5075	6-1	0,0871
6	0	SISMAO	12,8401	6-1	0
6	0,0871	SISMAO	12,063	6-1	0,0871
6	0	LM71SVA	0,2045	6-1	0
6	0,0871	LM71SVA	0,2329	6-1	0,0871
6	0	SW2SVA	0,1683	6-1	0
6	0,0871	SW2SVA	0,1917	6-1	0,0871
6	0	SISMAVA	0,9023	6-1	0
6	0,0871	SISMAVA	1,0842	6-1	0,0871
6	0	LM71SVB	-0,2045	6-1	0
6	0,0871	LM71SVB	-0,2329	6-1	0,0871
6	0	SW2SVB	-0,1683	6-1	0
6	0,0871	SW2SVB	-0,1917	6-1	0,0871
6	0	SISMAVB	-0,9023	6-1	0
6	0,0871	SISMAVB	-1,0842	6-1	0,0871
7	0	PP	-2,6651	7-1	0
7	0,0871	PP	-3,1475	7-1	0,0871
7	0	REINTSUP	-2,7277	7-1	0
7	0,0871	REINTSUP	-2,9043	7-1	0,0871
7	0	BALLAST	-1,8528	7-1	0
7	0,0871	BALLAST	-1,9727	7-1	0,0871
7	0	STERRASX	11,8645	7-1	0
7	0,0871	STERRASX	10,647	7-1	0,0871
7	0	STERRADX	-7,5288	7-1	0
7	0,0871	STERRADX	-6,9845	7-1	0,0871
7	0	TERMP	-1,2388	7-1	0
7	0,0871	TERMP	-1,2348	7-1	0,0871
7	0	TERMN	3,7165	7-1	0
7	0,0871	TERMN	3,7044	7-1	0,0871
7	0	GRADTP	1,0764	7-1	0
7	0,0871	GRADTP	0,6994	7-1	0,0871
7	0	GRADTN	-1,0764	7-1	0
7	0,0871	GRADTN	-0,6994	7-1	0,0871
7	0	LM71C	-7,8331	7-1	0
7	0,0871	LM71C	-8,3403	7-1	0,0871
7	0	LM71SX	-8,7626	7-1	0
7	0,0871	LM71SX	-9,2929	7-1	0,0871
7	0	LM71DX	0,9296	7-1	0
7	0,0871	LM71DX	0,9526	7-1	0,0871
7	0	STLM71	10,8135	7-1	0
7	0,0871	STLM71	9,7057	7-1	0,0871
7	0	AVVLM71	8,5069	7-1	0
7	0,0871	AVVLM71	7,7556	7-1	0,0871
7	0	SW2	-6,4512	7-1	0
7	0,0871	SW2	-6,869	7-1	0,0871
7	0	STSW2	8,9088	7-1	0
7	0,0871	STSW2	7,9961	7-1	0,0871
7	0	FRENSW2	9,0201	7-1	0
7	0,0871	FRENSW2	8,2236	7-1	0,0871
7	0	SERP	0	7-1	0
7	0,0871	SERP	0	7-1	0,0871
7	0	INCRTER	12,5933	7-1	0
7	0,0871	INCRTER	11,3032	7-1	0,0871
7	0	LM71SISO	3,046	7-1	0
7	0,0871	LM71SISO	2,777	7-1	0,0871
7	0	SW2SISO	2,5075	7-1	0
7	0,0871	SW2SISO	2,286	7-1	0,0871
7	0	SISMAO	12,063	7-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
160 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
7	0,0871	SISMAO	10,9614	7-1	0,0871
7	0	LM71SVA	0,2329	7-1	0
7	0,0871	LM71SVA	0,248	7-1	0,0871
7	0	SW2SVA	0,1917	7-1	0
7	0,0871	SW2SVA	0,2041	7-1	0,0871
7	0	SISMAVA	1,0842	7-1	0
7	0,0871	SISMAVA	1,1997	7-1	0,0871
7	0	LM71SVB	-0,2329	7-1	0
7	0,0871	LM71SVB	-0,248	7-1	0,0871
7	0	SW2SVB	-0,1917	7-1	0
7	0,0871	SW2SVB	-0,2041	7-1	0,0871
7	0	SISMAVB	-1,0842	7-1	0
7	0,0871	SISMAVB	-1,1997	7-1	0,0871
8	0	PP	-3,1475	8-1	0
8	0,0871	PP	-3,4491	8-1	0,0871
8	0	REINTSUP	-2,9043	8-1	0
8	0,0871	REINTSUP	-2,9248	8-1	0,0871
8	0	BALLAST	-1,9727	8-1	0
8	0,0871	BALLAST	-1,9866	8-1	0,0871
8	0	STERRASX	10,647	8-1	0
8	0,0871	STERRASX	9,2484	8-1	0,0871
8	0	STERRADX	-6,9845	8-1	0
8	0,0871	STERRADX	-6,259	8-1	0,0871
8	0	TERMP	-1,2348	8-1	0
8	0,0871	TERMP	-1,2307	8-1	0,0871
8	0	TERMN	3,7044	8-1	0
8	0,0871	TERMN	3,6922	8-1	0,0871
8	0	GRADTP	0,6994	8-1	0
8	0,0871	GRADTP	0,3225	8-1	0,0871
8	0	GRADTN	-0,6994	8-1	0
8	0,0871	GRADTN	-0,3225	8-1	0,0871
8	0	LM71C	-8,3403	8-1	0
8	0,0871	LM71C	-8,3991	8-1	0,0871
8	0	LM71SX	-9,2929	8-1	0
8	0,0871	LM71SX	-9,3885	8-1	0,0871
8	0	LM71DX	0,9526	8-1	0
8	0,0871	LM71DX	0,9894	8-1	0,0871
8	0	STLM71	9,7057	8-1	0
8	0,0871	STLM71	8,4224	8-1	0,0871
8	0	AVVLM71	7,7556	8-1	0
8	0,0871	AVVLM71	6,7902	8-1	0,0871
8	0	SW2	-6,869	8-1	0
8	0,0871	SW2	-6,9174	8-1	0,0871
8	0	STSW2	7,9961	8-1	0
8	0,0871	STSW2	6,9388	8-1	0,0871
8	0	FRENSW2	8,2236	8-1	0
8	0,0871	FRENSW2	7,1998	8-1	0,0871
8	0	SERP	0	8-1	0
8	0,0871	SERP	0	8-1	0,0871
8	0	INCRTER	11,3032	8-1	0
8	0,0871	INCRTER	9,8086	8-1	0,0871
8	0	LM71SISO	2,777	8-1	0
8	0,0871	LM71SISO	2,4313	8-1	0,0871
8	0	SW2SISO	2,286	8-1	0
8	0,0871	SW2SISO	2,0015	8-1	0,0871
8	0	SISMAO	10,9614	8-1	0
8	0,0871	SISMAO	9,5637	8-1	0,0871
8	0	LM71SVA	0,248	8-1	0
8	0,0871	LM71SVA	0,2497	8-1	0,0871
8	0	SW2SVA	0,2041	8-1	0
8	0,0871	SW2SVA	0,2056	8-1	0,0871
8	0	SISMAVA	1,1997	8-1	0
8	0,0871	SISMAVA	1,2489	8-1	0,0871
8	0	LM71SVB	-0,248	8-1	0
8	0,0871	LM71SVB	-0,2497	8-1	0,0871
8	0	SW2SVB	-0,2041	8-1	0
8	0,0871	SW2SVB	-0,2056	8-1	0,0871
8	0	SISMAVB	-1,1997	8-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
8	0,0871	SISMAVB	-1,2489	8-1	0,0871
9	0	PP	-3,4491	9-1	0
9	0,0871	PP	-3,57	9-1	0,0871
9	0	REINTSUP	-2,9248	9-1	0
9	0,0871	REINTSUP	-2,7891	9-1	0,0871
9	0	BALLAST	-1,9866	9-1	0
9	0,0871	BALLAST	-1,8945	9-1	0,0871
9	0	STERRASX	9,2484	9-1	0
9	0,0871	STERRASX	7,686	9-1	0,0871
9	0	STERRADX	-6,259	9-1	0
9	0,0871	STERRADX	-5,3696	9-1	0,0871
9	0	TERMP	-1,2307	9-1	0
9	0,0871	TERMP	-1,2267	9-1	0,0871
9	0	TERMN	3,6922	9-1	0
9	0,0871	TERMN	3,6801	9-1	0,0871
9	0	GRADTP	0,3225	9-1	0
9	0,0871	GRADTP	-0,0543	9-1	0,0871
9	0	GRADTN	-0,3225	9-1	0
9	0,0871	GRADTN	0,0543	9-1	0,0871
9	0	LM71C	-8,3991	9-1	0
9	0,0871	LM71C	-8,0095	9-1	0,0871
9	0	LM71SX	-9,3885	9-1	0
9	0,0871	LM71SX	-9,0696	9-1	0,0871
9	0	LM71DX	0,9894	9-1	0
9	0,0871	LM71DX	1,0602	9-1	0,0871
9	0	STLM71	8,4224	9-1	0
9	0,0871	STLM71	6,9803	9-1	0,0871
9	0	AVVLM71	6,7902	9-1	0
9	0,0871	AVVLM71	5,6309	9-1	0,0871
9	0	SW2	-6,9174	9-1	0
9	0,0871	SW2	-6,5965	9-1	0,0871
9	0	STSW2	6,9388	9-1	0
9	0,0871	STSW2	5,7507	9-1	0,0871
9	0	FRENSW2	7,1998	9-1	0
9	0,0871	FRENSW2	5,9706	9-1	0,0871
9	0	SERP	0	9-1	0
9	0,0871	SERP	0	9-1	0,0871
9	0	INCRTER	9,8086	9-1	0
9	0,0871	INCRTER	8,1291	9-1	0,0871
9	0	LM71SISO	2,4313	9-1	0
9	0,0871	LM71SISO	2,0162	9-1	0,0871
9	0	SW2SISO	2,0015	9-1	0
9	0,0871	SW2SISO	1,6597	9-1	0,0871
9	0	SISMAO	9,5637	9-1	0
9	0,0871	SISMAO	7,8981	9-1	0,0871
9	0	LM71SVA	0,2497	9-1	0
9	0,0871	LM71SVA	0,2381	9-1	0,0871
9	0	SW2SVA	0,2056	9-1	0
9	0,0871	SW2SVA	0,196	9-1	0,0871
9	0	SISMAVA	1,2489	9-1	0
9	0,0871	SISMAVA	1,2318	9-1	0,0871
9	0	LM71SVB	-0,2497	9-1	0
9	0,0871	LM71SVB	-0,2381	9-1	0,0871
9	0	SW2SVB	-0,2056	9-1	0
9	0,0871	SW2SVB	-0,196	9-1	0,0871
9	0	SISMAVB	-1,2489	9-1	0
9	0,0871	SISMAVB	-1,2318	9-1	0,0871
10	0	PP	-3,57	10-1	0
10	0,0871	PP	-3,5104	10-1	0,0871
10	0	REINTSUP	-2,7891	10-1	0
10	0,0871	REINTSUP	-2,4973	10-1	0,0871
10	0	BALLAST	-1,8945	10-1	0
10	0,0871	BALLAST	-1,6963	10-1	0,0871
10	0	STERRASX	7,686	10-1	0
10	0,0871	STERRASX	5,9772	10-1	0,0871
10	0	STERRADX	-5,3696	10-1	0
10	0,0871	STERRADX	-4,3336	10-1	0,0871
10	0	TERMP	-1,2267	10-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
162 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
10	0,0871	TERMP	-1,2227	10-1	0,0871
10	0	TERMN	3,6801	10-1	0
10	0,0871	TERMN	3,6681	10-1	0,0871
10	0	GRADTP	-0,0543	10-1	0
10	0,0871	GRADTP	-0,431	10-1	0,0871
10	0	GRADTN	0,0543	10-1	0
10	0,0871	GRADTN	0,431	10-1	0,0871
10	0	LM71C	-8,0095	10-1	0
10	0,0871	LM71C	-7,1714	10-1	0,0871
10	0	LM71SX	-9,0696	10-1	0
10	0,0871	LM71SX	-8,3564	10-1	0,0871
10	0	LM71DX	1,0602	10-1	0
10	0,0871	LM71DX	1,1849	10-1	0,0871
10	0	STLM71	6,9803	10-1	0
10	0,0871	STLM71	5,3961	10-1	0,0871
10	0	AVVLM71	5,6309	10-1	0
10	0,0871	AVVLM71	4,2983	10-1	0,0871
10	0	SW2	-6,5965	10-1	0
10	0,0871	SW2	-5,9063	10-1	0,0871
10	0	STSW2	5,7507	10-1	0
10	0,0871	STSW2	4,4456	10-1	0,0871
10	0	FRENSW2	5,9706	10-1	0
10	0,0871	FRENSW2	4,5576	10-1	0,0871
10	0	SERP	0	10-1	0
10	0,0871	SERP	0	10-1	0,0871
10	0	INCRTER	8,1291	10-1	0
10	0,0871	INCRTER	6,2842	10-1	0,0871
10	0	LM71SISO	2,0162	10-1	0
10	0,0871	LM71SISO	1,539	10-1	0,0871
10	0	SW2SISO	1,6597	10-1	0
10	0,0871	SW2SISO	1,2669	10-1	0,0871
10	0	SISMAO	7,8981	10-1	0
10	0,0871	SISMAO	5,9929	10-1	0,0871
10	0	LM71SVA	0,2381	10-1	0
10	0,0871	LM71SVA	0,2132	10-1	0,0871
10	0	SW2SVA	0,196	10-1	0
10	0,0871	SW2SVA	0,1755	10-1	0,0871
10	0	SISMAVA	1,2318	10-1	0
10	0,0871	SISMAVA	1,1485	10-1	0,0871
10	0	LM71SVB	-0,2381	10-1	0
10	0,0871	LM71SVB	-0,2132	10-1	0,0871
10	0	SW2SVB	-0,196	10-1	0
10	0,0871	SW2SVB	-0,1755	10-1	0,0871
10	0	SISMAVB	-1,2318	10-1	0
10	0,0871	SISMAVB	-1,1485	10-1	0,0871
11	0	PP	-3,5104	11-1	0
11	0,0871	PP	-3,2701	11-1	0,0871
11	0	REINTSUP	-2,4973	11-1	0
11	0,0871	REINTSUP	-2,0493	11-1	0,0871
11	0	BALLAST	-1,6963	11-1	0
11	0,0871	BALLAST	-1,392	11-1	0,0871
11	0	STERRASX	5,9772	11-1	0
11	0,0871	STERRASX	4,1391	11-1	0,0871
11	0	STERRADX	-4,3336	11-1	0
11	0,0871	STERRADX	-3,1682	11-1	0,0871
11	0	TERMP	-1,2227	11-1	0
11	0,0871	TERMP	-1,2188	11-1	0,0871
11	0	TERMN	3,6681	11-1	0
11	0,0871	TERMN	3,6564	11-1	0,0871
11	0	GRADTP	-0,431	11-1	0
11	0,0871	GRADTP	-0,8079	11-1	0,0871
11	0	GRADTN	0,431	11-1	0
11	0,0871	GRADTN	0,8079	11-1	0,0871
11	0	LM71C	-7,1714	11-1	0
11	0,0871	LM71C	-5,885	11-1	0,0871
11	0	LM71SX	-8,3564	11-1	0
11	0,0871	LM71SX	-7,2687	11-1	0,0871
11	0	LM71DX	1,1849	11-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
163 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
11	0,0871	LM71DX	1,3838	11-1	0,0871
11	0	STLM71	5,3961	11-1	0
11	0,0871	STLM71	3,6867	11-1	0,0871
11	0	AVVLM71	4,2983	11-1	0
11	0,0871	AVVLM71	2,8127	11-1	0,0871
11	0	SW2	-5,9063	11-1	0
11	0,0871	SW2	-4,8468	11-1	0,0871
11	0	STSW2	4,4456	11-1	0
11	0,0871	STSW2	3,0373	11-1	0,0871
11	0	FRENSW2	4,5576	11-1	0
11	0,0871	FRENSW2	2,9824	11-1	0,0871
11	0	SERP	0	11-1	0
11	0,0871	SERP	0	11-1	0,0871
11	0	INCRTER	6,2842	11-1	0
11	0,0871	INCRTER	4,2934	11-1	0,0871
11	0	LM71SISO	1,539	11-1	0
11	0,0871	LM71SISO	1,0071	11-1	0,0871
11	0	SW2SISO	1,2669	11-1	0
11	0,0871	SW2SISO	0,8291	11-1	0,0871
11	0	SISMAO	5,9929	11-1	0
11	0,0871	SISMAO	3,8763	11-1	0,0871
11	0	LM71SVA	0,2132	11-1	0
11	0,0871	LM71SVA	0,175	11-1	0,0871
11	0	SW2SVA	0,1755	11-1	0
11	0,0871	SW2SVA	0,144	11-1	0,0871
11	0	SISMAVA	1,1485	11-1	0
11	0,0871	SISMAVA	0,999	11-1	0,0871
11	0	LM71SVB	-0,2132	11-1	0
11	0,0871	LM71SVB	-0,175	11-1	0,0871
11	0	SW2SVB	-0,1755	11-1	0
11	0,0871	SW2SVB	-0,144	11-1	0,0871
11	0	SISMAVB	-1,1485	11-1	0
11	0,0871	SISMAVB	-0,999	11-1	0,0871
12	0	PP	-3,2701	12-1	0
12	0,0871	PP	-2,8492	12-1	0,0871
12	0	REINTSUP	-2,0493	12-1	0
12	0,0871	REINTSUP	-1,4451	12-1	0,0871
12	0	BALLAST	-1,392	12-1	0
12	0,0871	BALLAST	-0,9816	12-1	0,0871
12	0	STERRASX	4,1391	12-1	0
12	0,0871	STERRASX	2,1889	12-1	0,0871
12	0	STERRADX	-3,1682	12-1	0
12	0,0871	STERRADX	-1,8907	12-1	0,0871
12	0	TERMP	-1,2188	12-1	0
12	0,0871	TERMP	-1,215	12-1	0,0871
12	0	TERMN	3,6564	12-1	0
12	0,0871	TERMN	3,6451	12-1	0,0871
12	0	GRADTP	-0,8079	12-1	0
12	0,0871	GRADTP	-1,1849	12-1	0,0871
12	0	GRADTN	0,8079	12-1	0
12	0,0871	GRADTN	1,1849	12-1	0,0871
12	0	LM71C	-5,885	12-1	0
12	0,0871	LM71C	-4,15	12-1	0,0871
12	0	LM71SX	-7,2687	12-1	0
12	0,0871	LM71SX	-5,8268	12-1	0,0871
12	0	LM71DX	1,3838	12-1	0
12	0,0871	LM71DX	1,6768	12-1	0,0871
12	0	STLM71	3,6867	12-1	0
12	0,0871	STLM71	1,8686	12-1	0,0871
12	0	AVVLM71	2,8127	12-1	0
12	0,0871	AVVLM71	1,1946	12-1	0,0871
12	0	SW2	-4,8468	12-1	0
12	0,0871	SW2	-3,4179	12-1	0,0871
12	0	STSW2	3,0373	12-1	0
12	0,0871	STSW2	1,5395	12-1	0,0871
12	0	FRENSW2	2,9824	12-1	0
12	0,0871	FRENSW2	1,2667	12-1	0,0871
12	0	SERP	0	12-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
12	0,0871	SERP	0	12-1	0,0871
12	0	INCRTER	4,2934	12-1	0
12	0,0871	INCRTER	2,1762	12-1	0,0871
12	0	LM71SISO	1,0071	12-1	0
12	0,0871	LM71SISO	0,4277	12-1	0,0871
12	0	SW2SISO	0,8291	12-1	0
12	0,0871	SW2SISO	0,3521	12-1	0,0871
12	0	SISMAO	3,8763	12-1	0
12	0,0871	SISMAO	1,5765	12-1	0,0871
12	0	LM71SVA	0,175	12-1	0
12	0,0871	LM71SVA	0,1234	12-1	0,0871
12	0	SW2SVA	0,144	12-1	0
12	0,0871	SW2SVA	0,1016	12-1	0,0871
12	0	SISMAVA	0,999	12-1	0
12	0,0871	SISMAVA	0,7832	12-1	0,0871
12	0	LM71SVB	-0,175	12-1	0
12	0,0871	LM71SVB	-0,1234	12-1	0,0871
12	0	SW2SVB	-0,144	12-1	0
12	0,0871	SW2SVB	-0,1016	12-1	0,0871
12	0	SISMAVB	-0,999	12-1	0
12	0,0871	SISMAVB	-0,7832	12-1	0,0871
13	0	PP	-2,8492	13-1	0
13	0,0871	PP	-2,2479	13-1	0,0871
13	0	REINTSUP	-1,4451	13-1	0
13	0,0871	REINTSUP	-0,6848	13-1	0,0871
13	0	BALLAST	-0,9816	13-1	0
13	0,0871	BALLAST	-0,4651	13-1	0,0871
13	0	STERRASX	2,1889	13-1	0
13	0,0871	STERRASX	0,144	13-1	0,0871
13	0	STERRADX	-1,8907	13-1	0
13	0,0871	STERRADX	-0,5185	13-1	0,0871
13	0	TERMP	-1,215	13-1	0
13	0,0871	TERMP	-1,2114	13-1	0,0871
13	0	TERMN	3,6451	13-1	0
13	0,0871	TERMN	3,6343	13-1	0,0871
13	0	GRADTP	-1,1849	13-1	0
13	0,0871	GRADTP	-1,562	13-1	0,0871
13	0	GRADTN	1,1849	13-1	0
13	0,0871	GRADTN	1,562	13-1	0,0871
13	0	LM71C	-4,15	13-1	0
13	0,0871	LM71C	-1,9665	13-1	0,0871
13	0	LM71SX	-5,8268	13-1	0
13	0,0871	LM71SX	-4,0506	13-1	0,0871
13	0	LM71DX	1,6768	13-1	0
13	0,0871	LM71DX	2,0841	13-1	0,0871
13	0	STLM71	1,8686	13-1	0
13	0,0871	STLM71	-0,0413	13-1	0,0871
13	0	AVVLM71	1,1946	13-1	0
13	0,0871	AVVLM71	-0,5357	13-1	0,0871
13	0	SW2	-3,4179	13-1	0
13	0,0871	SW2	-1,6196	13-1	0,0871
13	0	STSW2	1,5395	13-1	0
13	0,0871	STSW2	-0,0341	13-1	0,0871
13	0	FRENSW2	1,2667	13-1	0
13	0,0871	FRENSW2	-0,568	13-1	0,0871
13	0	SERP	0	13-1	0
13	0,0871	SERP	0	13-1	0,0871
13	0	INCRTER	2,1762	13-1	0
13	0,0871	INCRTER	-0,0481	13-1	0,0871
13	0	LM71SISO	0,4277	13-1	0
13	0,0871	LM71SISO	-0,1918	13-1	0,0871
13	0	SW2SISO	0,3521	13-1	0
13	0,0871	SW2SISO	-0,1579	13-1	0,0871
13	0	SISMAO	1,5765	13-1	0
13	0,0871	SISMAO	-0,8784	13-1	0,0871
13	0	LM71SVA	0,1234	13-1	0
13	0,0871	LM71SVA	0,0585	13-1	0,0871
13	0	SW2SVA	0,1016	13-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
13	0,0871	SW2SVA	0,0481	13-1	0,0871
13	0	SISMAVA	0,7832	13-1	0
13	0,0871	SISMAVA	0,5011	13-1	0,0871
13	0	LM71SVB	-0,1234	13-1	0
13	0,0871	LM71SVB	-0,0585	13-1	0,0871
13	0	SW2SVB	-0,1016	13-1	0
13	0,0871	SW2SVB	-0,0481	13-1	0,0871
13	0	SISMAVB	-0,7832	13-1	0
13	0,0871	SISMAVB	-0,5011	13-1	0,0871
14	0	PP	-2,2479	14-1	0
14	0,0871	PP	-1,466	14-1	0,0871
14	0	REINTSUP	-0,6848	14-1	0
14	0,0871	REINTSUP	0,2318	14-1	0,0871
14	0	BALLAST	-0,4651	14-1	0
14	0,0871	BALLAST	0,1575	14-1	0,0871
14	0	STERRASX	0,144	14-1	0
14	0,0871	STERRASX	-1,9786	14-1	0,0871
14	0	STERRADX	-0,5185	14-1	0
14	0,0871	STERRADX	0,9314	14-1	0,0871
14	0	TERMP	-1,2114	14-1	0
14	0,0871	TERMP	-1,208	14-1	0,0871
14	0	TERMN	3,6343	14-1	0
14	0,0871	TERMN	3,6241	14-1	0,0871
14	0	GRADTP	-1,562	14-1	0
14	0,0871	GRADTP	-1,9394	14-1	0,0871
14	0	GRADTN	1,562	14-1	0
14	0,0871	GRADTN	1,9394	14-1	0,0871
14	0	LM71C	-1,9665	14-1	0
14	0,0871	LM71C	0,6658	14-1	0,0871
14	0	LM71SX	-4,0506	14-1	0
14	0,0871	LM71SX	-1,96	14-1	0,0871
14	0	LM71DX	2,0841	14-1	0
14	0,0871	LM71DX	2,6258	14-1	0,0871
14	0	STLM71	-0,0413	14-1	0
14	0,0871	STLM71	-2,0265	14-1	0,0871
14	0	AVVLM71	-0,5357	14-1	0
14	0,0871	AVVLM71	-2,3578	14-1	0,0871
14	0	SW2	-1,6196	14-1	0
14	0,0871	SW2	0,5483	14-1	0,0871
14	0	STSW2	-0,0341	14-1	0
14	0,0871	STSW2	-1,6696	14-1	0,0871
14	0	FRENSW2	-0,568	14-1	0
14	0,0871	FRENSW2	-2,5001	14-1	0,0871
14	0	SERP	0	14-1	0
14	0,0871	SERP	0	14-1	0,0871
14	0	INCRTER	-0,0481	14-1	0
14	0,0871	INCRTER	-2,3601	14-1	0,0871
14	0	LM71SISO	-0,1918	14-1	0
14	0,0871	LM71SISO	-0,8442	14-1	0,0871
14	0	SW2SISO	-0,1579	14-1	0
14	0,0871	SW2SISO	-0,695	14-1	0,0871
14	0	SISMAO	-0,8784	14-1	0
14	0,0871	SISMAO	-3,4601	14-1	0,0871
14	0	LM71SVA	0,0585	14-1	0
14	0,0871	LM71SVA	-0,0198	14-1	0,0871
14	0	SW2SVA	0,0481	14-1	0
14	0,0871	SW2SVA	-0,0163	14-1	0,0871
14	0	SISMAVA	0,5011	14-1	0
14	0,0871	SISMAVA	0,1528	14-1	0,0871
14	0	LM71SVB	-0,0585	14-1	0
14	0,0871	LM71SVB	0,0198	14-1	0,0871
14	0	SW2SVB	-0,0481	14-1	0
14	0,0871	SW2SVB	0,0163	14-1	0,0871
14	0	SISMAVB	-0,5011	14-1	0
14	0,0871	SISMAVB	-0,1528	14-1	0,0871
15	0	PP	-1,466	15-1	0
15	0,0871	PP	-0,5035	15-1	0,0871
15	0	REINTSUP	0,2318	15-1	0

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
166 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
15	0,0871	REINTSUP	1,3047	15-1	0,0871
15	0	BALLAST	0,1575	15-1	0
15	0,0871	BALLAST	0,8862	15-1	0,0871
15	0	STERRASX	-1,9786	15-1	0
15	0,0871	STERRASX	-4,1615	15-1	0,0871
15	0	STERRADX	0,9314	15-1	0
15	0,0871	STERRADX	2,4415	15-1	0,0871
15	0	TERMP	-1,208	15-1	0
15	0,0871	TERMP	-1,2048	15-1	0,0871
15	0	TERMN	3,6241	15-1	0
15	0,0871	TERMN	3,6145	15-1	0,0871
15	0	GRADTP	-1,9394	15-1	0
15	0,0871	GRADTP	-2,317	15-1	0,0871
15	0	GRADTN	1,9394	15-1	0
15	0,0871	GRADTN	2,317	15-1	0,0871
15	0	LM71C	0,6658	15-1	0
15	0,0871	LM71C	3,7468	15-1	0,0871
15	0	LM71SX	-1,96	15-1	0
15	0,0871	LM71SX	0,4249	15-1	0,0871
15	0	LM71DX	2,6258	15-1	0
15	0,0871	LM71DX	3,3219	15-1	0,0871
15	0	STLM71	-2,0265	15-1	0
15	0,0871	STLM71	-4,0703	15-1	0,0871
15	0	AVVLM71	-2,3578	15-1	0
15	0,0871	AVVLM71	-4,2513	15-1	0,0871
15	0	SW2	0,5483	15-1	0
15	0,0871	SW2	3,0859	15-1	0,0871
15	0	STSW2	-1,6696	15-1	0
15	0,0871	STSW2	-3,3533	15-1	0,0871
15	0	FRENSW2	-2,5001	15-1	0
15	0,0871	FRENSW2	-4,5078	15-1	0,0871
15	0	SERP	0	15-1	0
15	0,0871	SERP	0	15-1	0,0871
15	0	INCRTER	-2,3601	15-1	0
15	0,0871	INCRTER	-4,7402	15-1	0,0871
15	0	LM71SISO	-0,8442	15-1	0
15	0,0871	LM71SISO	-1,5222	15-1	0,0871
15	0	SW2SISO	-0,695	15-1	0
15	0,0871	SW2SISO	-1,2531	15-1	0,0871
15	0	SISMAO	-3,4601	15-1	0
15	0,0871	SISMAO	-6,1406	15-1	0,0871
15	0	LM71SVA	-0,0198	15-1	0
15	0,0871	LM71SVA	-0,1114	15-1	0,0871
15	0	SW2SVA	-0,0163	15-1	0
15	0,0871	SW2SVA	-0,0917	15-1	0,0871
15	0	SISMAVA	0,1528	15-1	0
15	0,0871	SISMAVA	-0,2618	15-1	0,0871
15	0	LM71SVB	0,0198	15-1	0
15	0,0871	LM71SVB	0,1114	15-1	0,0871
15	0	SW2SVB	0,0163	15-1	0
15	0,0871	SW2SVB	0,0917	15-1	0,0871
15	0	SISMAVB	-0,1528	15-1	0
15	0,0871	SISMAVB	0,2618	15-1	0,0871
16	0	PP	-0,5035	16-1	0
16	0,06774	PP	0,3904	16-1	0,06774
16	0	REINTSUP	1,3047	16-1	0
16	0,06774	REINTSUP	2,2608	16-1	0,06774
16	0	BALLAST	0,8862	16-1	0
16	0,06774	BALLAST	1,5357	16-1	0,06774
16	0	STERRASX	-4,1615	16-1	0
16	0,06774	STERRASX	-5,8929	16-1	0,06774
16	0	STERRADX	2,4415	16-1	0
16	0,06774	STERRADX	3,6496	16-1	0,06774
16	0	TERMP	-1,2048	16-1	0
16	0,06774	TERMP	-1,2025	16-1	0,06774
16	0	TERMN	3,6145	16-1	0
16	0,06774	TERMN	3,6075	16-1	0,06774
16	0	GRADTP	-2,317	16-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
167 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
16	0,06774	GRADTP	-2,611	16-1	0,06774
16	0	GRADTN	2,317	16-1	0
16	0,06774	GRADTN	2,611	16-1	0,06774
16	0	LM71C	3,7468	16-1	0
16	0,06774	LM71C	6,4924	16-1	0,06774
16	0	LM71SX	0,4249	16-1	0
16	0,06774	LM71SX	2,4934	16-1	0,06774
16	0	LM71DX	3,3219	16-1	0
16	0,06774	LM71DX	3,999	16-1	0,06774
16	0	STLM71	-4,0703	16-1	0
16	0,06774	STLM71	-5,6924	16-1	0,06774
16	0	AVVLM71	-4,2513	16-1	0
16	0,06774	AVVLM71	-5,7638	16-1	0,06774
16	0	SW2	3,0859	16-1	0
16	0,06774	SW2	5,3471	16-1	0,06774
16	0	STSW2	-3,3533	16-1	0
16	0,06774	STSW2	-4,6897	16-1	0,06774
16	0	FRENSW2	-4,5078	16-1	0
16	0,06774	FRENSW2	-6,1115	16-1	0,06774
16	0	SERP	0	16-1	0
16	0,06774	SERP	0	16-1	0,06774
16	0	INCRTER	-4,7402	16-1	0
16	0,06774	INCRTER	-6,6293	16-1	0,06774
16	0	LM71SISO	-1,5222	16-1	0
16	0,06774	LM71SISO	-2,0638	16-1	0,06774
16	0	SW2SISO	-1,2531	16-1	0
16	0,06774	SW2SISO	-1,6989	16-1	0,06774
16	0	SISMAO	-6,1406	16-1	0
16	0,06774	SISMAO	-8,2803	16-1	0,06774
16	0	LM71SVA	-0,1114	16-1	0
16	0,06774	LM71SVA	-0,193	16-1	0,06774
16	0	SW2SVA	-0,0917	16-1	0
16	0,06774	SW2SVA	-0,1589	16-1	0,06774
16	0	SISMAVA	-0,2618	16-1	0
16	0,06774	SISMAVA	-0,6359	16-1	0,06774
16	0	LM71SVB	0,1114	16-1	0
16	0,06774	LM71SVB	0,193	16-1	0,06774
16	0	SW2SVB	0,0917	16-1	0
16	0,06774	SW2SVB	0,1589	16-1	0,06774
16	0	SISMAVB	0,2618	16-1	0
16	0,06774	SISMAVB	0,6359	16-1	0,06774
17	0	PP	0,3904	17-1	0
17	0,075	PP	1,5445	17-1	0,075
17	0	REINTSUP	2,2608	17-1	0
17	0,075	REINTSUP	3,454	17-1	0,075
17	0	BALLAST	1,5357	17-1	0
17	0,075	BALLAST	2,3461	17-1	0,075
17	0	STERRASX	-5,8929	17-1	0
17	0,075	STERRASX	-7,8355	17-1	0,075
17	0	STERRADX	3,6496	17-1	0
17	0,075	STERRADX	5,0127	17-1	0,075
17	0	TERMP	-1,2025	17-1	0
17	0,075	TERMP	-1,2001	17-1	0,075
17	0	TERMN	3,6075	17-1	0
17	0,075	TERMN	3,6004	17-1	0,075
17	0	GRADTP	-2,611	17-1	0
17	0,075	GRADTP	-2,9367	17-1	0,075
17	0	GRADTN	2,611	17-1	0
17	0,075	GRADTN	2,9367	17-1	0,075
17	0	LM71C	6,4924	17-1	0
17	0,075	LM71C	9,9188	17-1	0,075
17	0	LM71SX	2,4934	17-1	0
17	0,075	LM71SX	5,0064	17-1	0,075
17	0	LM71DX	3,999	17-1	0
17	0,075	LM71DX	4,9124	17-1	0,075
17	0	STLM71	-5,6924	17-1	0
17	0,075	STLM71	-7,5133	17-1	0,075
17	0	AVVLM71	-5,7638	17-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
17	0,075	AVVLM71	-7,4685	17-1	0,075
17	0	SW2	5,3471	17-1	0
17	0,075	SW2	8,169	17-1	0,075
17	0	STSW2	-4,6897	17-1	0
17	0,075	STSW2	-6,1898	17-1	0,075
17	0	FRENSW2	-6,1115	17-1	0
17	0,075	FRENSW2	-7,9192	17-1	0,075
17	0	SERP	0	17-1	0
17	0,075	SERP	0	17-1	0,075
17	0	INCRTER	-6,6293	17-1	0
17	0,075	INCRTER	-8,7498	17-1	0,075
17	0	LM71SISO	-2,0638	17-1	0
17	0,075	LM71SISO	-2,6742	17-1	0,075
17	0	SW2SISO	-1,6989	17-1	0
17	0,075	SW2SISO	-2,2014	17-1	0,075
17	0	SISMAO	-8,2803	17-1	0
17	0,075	SISMAO	-10,6912	17-1	0,075
17	0	LM71SVA	-0,193	17-1	0
17	0,075	LM71SVA	-0,2949	17-1	0,075
17	0	SW2SVA	-0,1589	17-1	0
17	0,075	SW2SVA	-0,2428	17-1	0,075
17	0	SISMAVA	-0,6359	17-1	0
17	0,075	SISMAVA	-1,1071	17-1	0,075
17	0	LM71SVB	0,193	17-1	0
17	0,075	LM71SVB	0,2949	17-1	0,075
17	0	SW2SVB	0,1589	17-1	0
17	0,075	SW2SVB	0,2428	17-1	0,075
17	0	SISMAVB	0,6359	17-1	0
17	0,075	SISMAVB	1,1071	17-1	0,075
18	0	PP	1,5445	18-1	0
18	0,075	PP	2,8609	18-1	0,075
18	0	REINTSUP	3,454	18-1	0
18	0,075	REINTSUP	4,7818	18-1	0,075
18	0	BALLAST	2,3461	18-1	0
18	0,075	BALLAST	3,248	18-1	0,075
18	0	STERRASX	-7,8355	18-1	0
18	0,075	STERRASX	-9,791	18-1	0,075
18	0	STERRADX	5,0127	18-1	0
18	0,075	STERRADX	6,3885	18-1	0,075
18	0	TERMP	-1,2001	18-1	0
18	0,075	TERMP	-1,198	18-1	0,075
18	0	TERMN	3,6004	18-1	0
18	0,075	TERMN	3,5939	18-1	0,075
18	0	GRADTP	-2,9367	18-1	0
18	0,075	GRADTP	-3,2627	18-1	0,075
18	0	GRADTN	2,9367	18-1	0
18	0,075	GRADTN	3,2627	18-1	0,075
18	0	LM71C	9,9188	18-1	0
18	0,075	LM71C	13,732	18-1	0,075
18	0	LM71SX	5,0064	18-1	0
18	0,075	LM71SX	7,7277	18-1	0,075
18	0	LM71DX	4,9124	18-1	0
18	0,075	LM71DX	6,0043	18-1	0,075
18	0	STLM71	-7,5133	18-1	0
18	0,075	STLM71	-9,3466	18-1	0,075
18	0	AVVLM71	-7,4685	18-1	0
18	0,075	AVVLM71	-9,1885	18-1	0,075
18	0	SW2	8,169	18-1	0
18	0,075	SW2	11,3095	18-1	0,075
18	0	STSW2	-6,1898	18-1	0
18	0,075	STSW2	-7,7002	18-1	0,075
18	0	FRENSW2	-7,9192	18-1	0
18	0,075	FRENSW2	-9,7429	18-1	0,075
18	0	SERP	0	18-1	0
18	0,075	SERP	0	18-1	0,075
18	0	INCRTER	-8,7498	18-1	0
18	0,075	INCRTER	-10,8849	18-1	0,075
18	0	LM71SISO	-2,6742	18-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
18	0,075	LM71SISO	-3,29	18-1	0,075
18	0	SW2SISO	-2,2014	18-1	0
18	0,075	SW2SISO	-2,7084	18-1	0,075
18	0	SISMAO	-10,6912	18-1	0
18	0,075	SISMAO	-13,123	18-1	0,075
18	0	LM71SVA	-0,2949	18-1	0
18	0,075	LM71SVA	-0,4083	18-1	0,075
18	0	SW2SVA	-0,2428	18-1	0
18	0,075	SW2SVA	-0,3361	18-1	0,075
18	0	SISMAVA	-1,1071	18-1	0
18	0,075	SISMAVA	-1,6354	18-1	0,075
18	0	LM71SVB	0,2949	18-1	0
18	0,075	LM71SVB	0,4083	18-1	0,075
18	0	SW2SVB	0,2428	18-1	0
18	0,075	SW2SVB	0,3361	18-1	0,075
18	0	SISMAVB	1,1071	18-1	0
18	0,075	SISMAVB	1,6354	18-1	0,075
19	0	PP	2,8609	19-1	0
19	0,075	PP	1,5445	19-1	0,075
19	0	REINTSUP	4,7818	19-1	0
19	0,075	REINTSUP	3,454	19-1	0,075
19	0	BALLAST	3,248	19-1	0
19	0,075	BALLAST	2,3461	19-1	0,075
19	0	STERRASX	6,3885	19-1	0
19	0,075	STERRASX	5,0127	19-1	0,075
19	0	STERRADX	-9,791	19-1	0
19	0,075	STERRADX	-7,8355	19-1	0,075
19	0	TERMP	-1,198	19-1	0
19	0,075	TERMP	-1,2001	19-1	0,075
19	0	TERMN	3,5939	19-1	0
19	0,075	TERMN	3,6004	19-1	0,075
19	0	GRADTP	-3,2627	19-1	0
19	0,075	GRADTP	-2,9367	19-1	0,075
19	0	GRADTN	3,2627	19-1	0
19	0,075	GRADTN	2,9367	19-1	0,075
19	0	LM71C	13,732	19-1	0
19	0,075	LM71C	9,9188	19-1	0,075
19	0	LM71SX	6,0043	19-1	0
19	0,075	LM71SX	4,9124	19-1	0,075
19	0	LM71DX	7,7277	19-1	0
19	0,075	LM71DX	5,0064	19-1	0,075
19	0	STLM71	6,3513	19-1	0
19	0,075	STLM71	5,0078	19-1	0,075
19	0	AVVLM71	9,1885	19-1	0
19	0,075	AVVLM71	7,4685	19-1	0,075
19	0	SW2	11,3095	19-1	0
19	0,075	SW2	8,169	19-1	0,075
19	0	STSW2	5,2325	19-1	0
19	0,075	STSW2	4,1257	19-1	0,075
19	0	FRENSW2	9,7429	19-1	0
19	0,075	FRENSW2	7,9192	19-1	0,075
19	0	SERP	0	19-1	0
19	0,075	SERP	0	19-1	0,075
19	0	INCRTER	7,3966	19-1	0
19	0,075	INCRTER	5,832	19-1	0,075
19	0	LM71SISO	3,29	19-1	0
19	0,075	LM71SISO	2,6742	19-1	0,075
19	0	SW2SISO	2,7084	19-1	0
19	0,075	SW2SISO	2,2014	19-1	0,075
19	0	SISMAO	13,123	19-1	0
19	0,075	SISMAO	10,6912	19-1	0,075
19	0	LM71SVA	-0,4083	19-1	0
19	0,075	LM71SVA	-0,2949	19-1	0,075
19	0	SW2SVA	-0,3361	19-1	0
19	0,075	SW2SVA	-0,2428	19-1	0,075
19	0	SISMAVA	-1,6354	19-1	0
19	0,075	SISMAVA	-1,1071	19-1	0,075
19	0	LM71SVB	0,4083	19-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
19	0,075	LM71SVB	0,2949	19-1	0,075
19	0	SW2SVB	0,3361	19-1	0
19	0,075	SW2SVB	0,2428	19-1	0,075
19	0	SISMAVB	1,6354	19-1	0
19	0,075	SISMAVB	1,1071	19-1	0,075
20	0	PP	1,5445	20-1	0
20	0,075	PP	0,3904	20-1	0,075
20	0	REINTSUP	3,454	20-1	0
20	0,075	REINTSUP	2,2608	20-1	0,075
20	0	BALLAST	2,3461	20-1	0
20	0,075	BALLAST	1,5357	20-1	0,075
20	0	STERRASX	5,0127	20-1	0
20	0,075	STERRASX	3,6496	20-1	0,075
20	0	STERRADX	-7,8355	20-1	0
20	0,075	STERRADX	-5,8929	20-1	0,075
20	0	TERMP	-1,2001	20-1	0
20	0,075	TERMP	-1,2025	20-1	0,075
20	0	TERMN	3,6004	20-1	0
20	0,075	TERMN	3,6075	20-1	0,075
20	0	GRADTP	-2,9367	20-1	0
20	0,075	GRADTP	-2,611	20-1	0,075
20	0	GRADTN	2,9367	20-1	0
20	0,075	GRADTN	2,611	20-1	0,075
20	0	LM71C	9,9188	20-1	0
20	0,075	LM71C	6,4924	20-1	0,075
20	0	LM71SX	4,9124	20-1	0
20	0,075	LM71SX	3,999	20-1	0,075
20	0	LM71DX	5,0064	20-1	0
20	0,075	LM71DX	2,4934	20-1	0,075
20	0	STLM71	5,0078	20-1	0
20	0,075	STLM71	3,6767	20-1	0,075
20	0	AVVLM71	7,4685	20-1	0
20	0,075	AVVLM71	5,7638	20-1	0,075
20	0	SW2	8,169	20-1	0
20	0,075	SW2	5,3471	20-1	0,075
20	0	STSW2	4,1257	20-1	0
20	0,075	STSW2	3,0291	20-1	0,075
20	0	FRENSW2	7,9192	20-1	0
20	0,075	FRENSW2	6,1115	20-1	0,075
20	0	SERP	0	20-1	0
20	0,075	SERP	0	20-1	0,075
20	0	INCRTER	5,832	20-1	0
20	0,075	INCRTER	4,2818	20-1	0,075
20	0	LM71SISO	2,6742	20-1	0
20	0,075	LM71SISO	2,0638	20-1	0,075
20	0	SW2SISO	2,2014	20-1	0
20	0,075	SW2SISO	1,6989	20-1	0,075
20	0	SISMAO	10,6912	20-1	0
20	0,075	SISMAO	8,2803	20-1	0,075
20	0	LM71SVA	-0,2949	20-1	0
20	0,075	LM71SVA	-0,193	20-1	0,075
20	0	SW2SVA	-0,2428	20-1	0
20	0,075	SW2SVA	-0,1589	20-1	0,075
20	0	SISMAVA	-1,1071	20-1	0
20	0,075	SISMAVA	-0,6359	20-1	0,075
20	0	LM71SVB	0,2949	20-1	0
20	0,075	LM71SVB	0,193	20-1	0,075
20	0	SW2SVB	0,2428	20-1	0
20	0,075	SW2SVB	0,1589	20-1	0,075
20	0	SISMAVB	1,1071	20-1	0
20	0,075	SISMAVB	0,6359	20-1	0,075
21	0	PP	0,3904	21-1	0
21	0,06774	PP	-0,5035	21-1	0,06774
21	0	REINTSUP	2,2608	21-1	0
21	0,06774	REINTSUP	1,3047	21-1	0,06774
21	0	BALLAST	1,5357	21-1	0
21	0,06774	BALLAST	0,8862	21-1	0,06774
21	0	STERRASX	3,6496	21-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
21	0,06774	STERRASX	2,4415	21-1	0,06774
21	0	STERRADX	-5,8929	21-1	0
21	0,06774	STERRADX	-4,1615	21-1	0,06774
21	0	TERMP	-1,2025	21-1	0
21	0,06774	TERMP	-1,2048	21-1	0,06774
21	0	TERMN	3,6075	21-1	0
21	0,06774	TERMN	3,6145	21-1	0,06774
21	0	GRADTP	-2,611	21-1	0
21	0,06774	GRADTP	-2,317	21-1	0,06774
21	0	GRADTN	2,611	21-1	0
21	0,06774	GRADTN	2,317	21-1	0,06774
21	0	LM71C	6,4924	21-1	0
21	0,06774	LM71C	3,7468	21-1	0,06774
21	0	LM71SX	3,999	21-1	0
21	0,06774	LM71SX	3,3219	21-1	0,06774
21	0	LM71DX	2,4934	21-1	0
21	0,06774	LM71DX	0,4249	21-1	0,06774
21	0	STLM71	3,6767	21-1	0
21	0,06774	STLM71	2,4968	21-1	0,06774
21	0	AVVLM71	5,7638	21-1	0
21	0,06774	AVVLM71	4,2513	21-1	0,06774
21	0	SW2	5,3471	21-1	0
21	0,06774	SW2	3,0859	21-1	0,06774
21	0	STSW2	3,0291	21-1	0
21	0,06774	STSW2	2,057	21-1	0,06774
21	0	FRENSW2	6,1115	21-1	0
21	0,06774	FRENSW2	4,5078	21-1	0,06774
21	0	SERP	0	21-1	0
21	0,06774	SERP	0	21-1	0,06774
21	0	INCRTER	4,2818	21-1	0
21	0,06774	INCRTER	2,9077	21-1	0,06774
21	0	LM71SISO	2,0638	21-1	0
21	0,06774	LM71SISO	1,5222	21-1	0,06774
21	0	SW2SISO	1,6989	21-1	0
21	0,06774	SW2SISO	1,2531	21-1	0,06774
21	0	SISMAO	8,2803	21-1	0
21	0,06774	SISMAO	6,1406	21-1	0,06774
21	0	LM71SVA	-0,193	21-1	0
21	0,06774	LM71SVA	-0,1114	21-1	0,06774
21	0	SW2SVA	-0,1589	21-1	0
21	0,06774	SW2SVA	-0,0917	21-1	0,06774
21	0	SISMAVA	-0,6359	21-1	0
21	0,06774	SISMAVA	-0,2618	21-1	0,06774
21	0	LM71SVB	0,193	21-1	0
21	0,06774	LM71SVB	0,1114	21-1	0,06774
21	0	SW2SVB	0,1589	21-1	0
21	0,06774	SW2SVB	0,0917	21-1	0,06774
21	0	SISMAVB	0,6359	21-1	0
21	0,06774	SISMAVB	0,2618	21-1	0,06774
22	0	PP	-0,5035	22-1	0
22	0,0871	PP	-1,466	22-1	0,0871
22	0	REINTSUP	1,3047	22-1	0
22	0,0871	REINTSUP	0,2318	22-1	0,0871
22	0	BALLAST	0,8862	22-1	0
22	0,0871	BALLAST	0,1575	22-1	0,0871
22	0	STERRASX	2,4415	22-1	0
22	0,0871	STERRASX	0,9314	22-1	0,0871
22	0	STERRADX	-4,1615	22-1	0
22	0,0871	STERRADX	-1,9786	22-1	0,0871
22	0	TERMP	-1,2048	22-1	0
22	0,0871	TERMP	-1,208	22-1	0,0871
22	0	TERMN	3,6145	22-1	0
22	0,0871	TERMN	3,6241	22-1	0,0871
22	0	GRADTP	-2,317	22-1	0
22	0,0871	GRADTP	-1,9394	22-1	0,0871
22	0	GRADTN	2,317	22-1	0
22	0,0871	GRADTN	1,9394	22-1	0,0871
22	0	LM71C	3,7468	22-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
172 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
22	0,0871	LM71C	0,6658	22-1	0,0871
22	0	LM71SX	3,3219	22-1	0
22	0,0871	LM71SX	2,6258	22-1	0,0871
22	0	LM71DX	0,4249	22-1	0
22	0,0871	LM71DX	-1,96	22-1	0,0871
22	0	STLM71	2,4968	22-1	0
22	0,0871	STLM71	1,0215	22-1	0,0871
22	0	AVVLM71	4,2513	22-1	0
22	0,0871	AVVLM71	2,3578	22-1	0,0871
22	0	SW2	3,0859	22-1	0
22	0,0871	SW2	0,5483	22-1	0,0871
22	0	STSW2	2,057	22-1	0
22	0,0871	STSW2	0,8416	22-1	0,0871
22	0	FRENSW2	4,5078	22-1	0
22	0,0871	FRENSW2	2,5001	22-1	0,0871
22	0	SERP	0	22-1	0
22	0,0871	SERP	0	22-1	0,0871
22	0	INCRTER	2,9077	22-1	0
22	0,0871	INCRTER	1,1896	22-1	0,0871
22	0	LM71SISO	1,5222	22-1	0
22	0,0871	LM71SISO	0,8442	22-1	0,0871
22	0	SW2SISO	1,2531	22-1	0
22	0,0871	SW2SISO	0,695	22-1	0,0871
22	0	SISMAO	6,1406	22-1	0
22	0,0871	SISMAO	3,4601	22-1	0,0871
22	0	LM71SVA	-0,1114	22-1	0
22	0,0871	LM71SVA	-0,0198	22-1	0,0871
22	0	SW2SVA	-0,0917	22-1	0
22	0,0871	SW2SVA	-0,0163	22-1	0,0871
22	0	SISMAVA	-0,2618	22-1	0
22	0,0871	SISMAVA	0,1528	22-1	0,0871
22	0	LM71SVB	0,1114	22-1	0
22	0,0871	LM71SVB	0,0198	22-1	0,0871
22	0	SW2SVB	0,0917	22-1	0
22	0,0871	SW2SVB	0,0163	22-1	0,0871
22	0	SISMAVB	0,2618	22-1	0
22	0,0871	SISMAVB	-0,1528	22-1	0,0871
23	0	PP	-1,466	23-1	0
23	0,0871	PP	-2,2479	23-1	0,0871
23	0	REINTSUP	0,2318	23-1	0
23	0,0871	REINTSUP	-0,6848	23-1	0,0871
23	0	BALLAST	0,1575	23-1	0
23	0,0871	BALLAST	-0,4651	23-1	0,0871
23	0	STERRASX	0,9314	23-1	0
23	0,0871	STERRASX	-0,5185	23-1	0,0871
23	0	STERRADX	-1,9786	23-1	0
23	0,0871	STERRADX	0,144	23-1	0,0871
23	0	TERMP	-1,208	23-1	0
23	0,0871	TERMP	-1,2114	23-1	0,0871
23	0	TERMN	3,6241	23-1	0
23	0,0871	TERMN	3,6343	23-1	0,0871
23	0	GRADTP	-1,9394	23-1	0
23	0,0871	GRADTP	-1,562	23-1	0,0871
23	0	GRADTN	1,9394	23-1	0
23	0,0871	GRADTN	1,562	23-1	0,0871
23	0	LM71C	0,6658	23-1	0
23	0,0871	LM71C	-1,9665	23-1	0,0871
23	0	LM71SX	2,6258	23-1	0
23	0,0871	LM71SX	2,0841	23-1	0,0871
23	0	LM71DX	-1,96	23-1	0
23	0,0871	LM71DX	-4,0506	23-1	0,0871
23	0	STLM71	1,0215	23-1	0
23	0,0871	STLM71	-0,3953	23-1	0,0871
23	0	AVVLM71	2,3578	23-1	0
23	0,0871	AVVLM71	0,5357	23-1	0,0871
23	0	SW2	0,5483	23-1	0
23	0,0871	SW2	-1,6196	23-1	0,0871
23	0	STSW2	0,8416	23-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
23	0,0871	STSW2	-0,3257	23-1	0,0871
23	0	FRENSW2	2,5001	23-1	0
23	0,0871	FRENSW2	0,568	23-1	0,0871
23	0	SERP	0	23-1	0
23	0,0871	SERP	0	23-1	0,0871
23	0	INCRTER	1,1896	23-1	0
23	0,0871	INCRTER	-0,4604	23-1	0,0871
23	0	LM71SISO	0,8442	23-1	0
23	0,0871	LM71SISO	0,1918	23-1	0,0871
23	0	SW2SISO	0,695	23-1	0
23	0,0871	SW2SISO	0,1579	23-1	0,0871
23	0	SISMAO	3,4601	23-1	0
23	0,0871	SISMAO	0,8784	23-1	0,0871
23	0	LM71SVA	-0,0198	23-1	0
23	0,0871	LM71SVA	0,0585	23-1	0,0871
23	0	SW2SVA	-0,0163	23-1	0
23	0,0871	SW2SVA	0,0481	23-1	0,0871
23	0	SISMAVA	0,1528	23-1	0
23	0,0871	SISMAVA	0,5011	23-1	0,0871
23	0	LM71SVB	0,0198	23-1	0
23	0,0871	LM71SVB	-0,0585	23-1	0,0871
23	0	SW2SVB	0,0163	23-1	0
23	0,0871	SW2SVB	-0,0481	23-1	0,0871
23	0	SISMAVB	-0,1528	23-1	0
23	0,0871	SISMAVB	-0,5011	23-1	0,0871
24	0	PP	-2,2479	24-1	0
24	0,0871	PP	-2,8492	24-1	0,0871
24	0	REINTSUP	-0,6848	24-1	0
24	0,0871	REINTSUP	-1,4451	24-1	0,0871
24	0	BALLAST	-0,4651	24-1	0
24	0,0871	BALLAST	-0,9816	24-1	0,0871
24	0	STERRASX	-0,5185	24-1	0
24	0,0871	STERRASX	-1,8907	24-1	0,0871
24	0	STERRADX	0,144	24-1	0
24	0,0871	STERRADX	2,1889	24-1	0,0871
24	0	TERMP	-1,2114	24-1	0
24	0,0871	TERMP	-1,215	24-1	0,0871
24	0	TERMN	3,6343	24-1	0
24	0,0871	TERMN	3,6451	24-1	0,0871
24	0	GRADTP	-1,562	24-1	0
24	0,0871	GRADTP	-1,1849	24-1	0,0871
24	0	GRADTN	1,562	24-1	0
24	0,0871	GRADTN	1,1849	24-1	0,0871
24	0	LM71C	-1,9665	24-1	0
24	0,0871	LM71C	-4,15	24-1	0,0871
24	0	LM71SX	2,0841	24-1	0
24	0,0871	LM71SX	1,6768	24-1	0,0871
24	0	LM71DX	-4,0506	24-1	0
24	0,0871	LM71DX	-5,8268	24-1	0,0871
24	0	STLM71	-0,3953	24-1	0
24	0,0871	STLM71	-1,737	24-1	0,0871
24	0	AVVLM71	0,5357	24-1	0
24	0,0871	AVVLM71	-1,1946	24-1	0,0871
24	0	SW2	-1,6196	24-1	0
24	0,0871	SW2	-3,4179	24-1	0,0871
24	0	STSW2	-0,3257	24-1	0
24	0,0871	STSW2	-1,431	24-1	0,0871
24	0	FRENSW2	0,568	24-1	0
24	0,0871	FRENSW2	-1,2667	24-1	0,0871
24	0	SERP	0	24-1	0
24	0,0871	SERP	0	24-1	0,0871
24	0	INCRTER	-0,4604	24-1	0
24	0,0871	INCRTER	-2,0228	24-1	0,0871
24	0	LM71SISO	0,1918	24-1	0
24	0,0871	LM71SISO	-0,4277	24-1	0,0871
24	0	SW2SISO	0,1579	24-1	0
24	0,0871	SW2SISO	-0,3521	24-1	0,0871
24	0	SISMAO	0,8784	24-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
174 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
24	0,0871	SISMAO	-1,5765	24-1	0,0871
24	0	LM71SVA	0,0585	24-1	0
24	0,0871	LM71SVA	0,1234	24-1	0,0871
24	0	SW2SVA	0,0481	24-1	0
24	0,0871	SW2SVA	0,1016	24-1	0,0871
24	0	SISMAVA	0,5011	24-1	0
24	0,0871	SISMAVA	0,7832	24-1	0,0871
24	0	LM71SVB	-0,0585	24-1	0
24	0,0871	LM71SVB	-0,1234	24-1	0,0871
24	0	SW2SVB	-0,0481	24-1	0
24	0,0871	SW2SVB	-0,1016	24-1	0,0871
24	0	SISMAVB	-0,5011	24-1	0
24	0,0871	SISMAVB	-0,7832	24-1	0,0871
25	0	PP	-2,8492	25-1	0
25	0,0871	PP	-3,2701	25-1	0,0871
25	0	REINTSUP	-1,4451	25-1	0
25	0,0871	REINTSUP	-2,0493	25-1	0,0871
25	0	BALLAST	-0,9816	25-1	0
25	0,0871	BALLAST	-1,392	25-1	0,0871
25	0	STERRASX	-1,8907	25-1	0
25	0,0871	STERRASX	-3,1682	25-1	0,0871
25	0	STERRADX	2,1889	25-1	0
25	0,0871	STERRADX	4,1391	25-1	0,0871
25	0	TERMP	-1,215	25-1	0
25	0,0871	TERMP	-1,2188	25-1	0,0871
25	0	TERMN	3,6451	25-1	0
25	0,0871	TERMN	3,6564	25-1	0,0871
25	0	GRADTP	-1,1849	25-1	0
25	0,0871	GRADTP	-0,8079	25-1	0,0871
25	0	GRADTN	1,1849	25-1	0
25	0,0871	GRADTN	0,8079	25-1	0,0871
25	0	LM71C	-4,15	25-1	0
25	0,0871	LM71C	-5,885	25-1	0,0871
25	0	LM71SX	1,6768	25-1	0
25	0,0871	LM71SX	1,3838	25-1	0,0871
25	0	LM71DX	-5,8268	25-1	0
25	0,0871	LM71DX	-7,2687	25-1	0,0871
25	0	STLM71	-1,737	25-1	0
25	0,0871	STLM71	-2,9867	25-1	0,0871
25	0	AVVLM71	-1,1946	25-1	0
25	0,0871	AVVLM71	-2,8127	25-1	0,0871
25	0	SW2	-3,4179	25-1	0
25	0,0871	SW2	-4,8468	25-1	0,0871
25	0	STSW2	-1,431	25-1	0
25	0,0871	STSW2	-2,4606	25-1	0,0871
25	0	FRENSW2	-1,2667	25-1	0
25	0,0871	FRENSW2	-2,9824	25-1	0,0871
25	0	SERP	0	25-1	0
25	0,0871	SERP	0	25-1	0,0871
25	0	INCRTER	-2,0228	25-1	0
25	0,0871	INCRTER	-3,4782	25-1	0,0871
25	0	LM71SISO	-0,4277	25-1	0
25	0,0871	LM71SISO	-1,0071	25-1	0,0871
25	0	SW2SISO	-0,3521	25-1	0
25	0,0871	SW2SISO	-0,8291	25-1	0,0871
25	0	SISMAO	-1,5765	25-1	0
25	0,0871	SISMAO	-3,8763	25-1	0,0871
25	0	LM71SVA	0,1234	25-1	0
25	0,0871	LM71SVA	0,175	25-1	0,0871
25	0	SW2SVA	0,1016	25-1	0
25	0,0871	SW2SVA	0,144	25-1	0,0871
25	0	SISMAVA	0,7832	25-1	0
25	0,0871	SISMAVA	0,999	25-1	0,0871
25	0	LM71SVB	-0,1234	25-1	0
25	0,0871	LM71SVB	-0,175	25-1	0,0871
25	0	SW2SVB	-0,1016	25-1	0
25	0,0871	SW2SVB	-0,144	25-1	0,0871
25	0	SISMAVB	-0,7832	25-1	0

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
175 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
25	0,0871	SISMAVB	-0,999	25-1	0,0871
26	0	PP	-3,2701	26-1	0
26	0,0871	PP	-3,5104	26-1	0,0871
26	0	REINTSUP	-2,0493	26-1	0
26	0,0871	REINTSUP	-2,4973	26-1	0,0871
26	0	BALLAST	-1,392	26-1	0
26	0,0871	BALLAST	-1,6963	26-1	0,0871
26	0	STERRASX	-3,1682	26-1	0
26	0,0871	STERRASX	-4,3336	26-1	0,0871
26	0	STERRADX	4,1391	26-1	0
26	0,0871	STERRADX	5,9772	26-1	0,0871
26	0	TERMP	-1,2188	26-1	0
26	0,0871	TERMP	-1,2227	26-1	0,0871
26	0	TERMN	3,6564	26-1	0
26	0,0871	TERMN	3,6681	26-1	0,0871
26	0	GRADTP	-0,8079	26-1	0
26	0,0871	GRADTP	-0,431	26-1	0,0871
26	0	GRADTN	0,8079	26-1	0
26	0,0871	GRADTN	0,431	26-1	0,0871
26	0	LM71C	-5,885	26-1	0
26	0,0871	LM71C	-7,1714	26-1	0,0871
26	0	LM71SX	1,3838	26-1	0
26	0,0871	LM71SX	1,1849	26-1	0,0871
26	0	LM71DX	-7,2687	26-1	0
26	0,0871	LM71DX	-8,3564	26-1	0,0871
26	0	STLM71	-2,9867	26-1	0
26	0,0871	STLM71	-4,1278	26-1	0,0871
26	0	AVVLM71	-2,8127	26-1	0
26	0,0871	AVVLM71	-4,2983	26-1	0,0871
26	0	SW2	-4,8468	26-1	0
26	0,0871	SW2	-5,9063	26-1	0,0871
26	0	STSW2	-2,4606	26-1	0
26	0,0871	STSW2	-3,4007	26-1	0,0871
26	0	FRENSW2	-2,9824	26-1	0
26	0,0871	FRENSW2	-4,5576	26-1	0,0871
26	0	SERP	0	26-1	0
26	0,0871	SERP	0	26-1	0,0871
26	0	INCRTER	-3,4782	26-1	0
26	0,0871	INCRTER	-4,8071	26-1	0,0871
26	0	LM71SISO	-1,0071	26-1	0
26	0,0871	LM71SISO	-1,539	26-1	0,0871
26	0	SW2SISO	-0,8291	26-1	0
26	0,0871	SW2SISO	-1,2669	26-1	0,0871
26	0	SISMAO	-3,8763	26-1	0
26	0,0871	SISMAO	-5,9929	26-1	0,0871
26	0	LM71SVA	0,175	26-1	0
26	0,0871	LM71SVA	0,2132	26-1	0,0871
26	0	SW2SVA	0,144	26-1	0
26	0,0871	SW2SVA	0,1755	26-1	0,0871
26	0	SISMAVA	0,999	26-1	0
26	0,0871	SISMAVA	1,1485	26-1	0,0871
26	0	LM71SVB	-0,175	26-1	0
26	0,0871	LM71SVB	-0,2132	26-1	0,0871
26	0	SW2SVB	-0,144	26-1	0
26	0,0871	SW2SVB	-0,1755	26-1	0,0871
26	0	SISMAVB	-0,999	26-1	0
26	0,0871	SISMAVB	-1,1485	26-1	0,0871
27	0	PP	-3,5104	27-1	0
27	0,0871	PP	-3,57	27-1	0,0871
27	0	REINTSUP	-2,4973	27-1	0
27	0,0871	REINTSUP	-2,7891	27-1	0,0871
27	0	BALLAST	-1,6963	27-1	0
27	0,0871	BALLAST	-1,8945	27-1	0,0871
27	0	STERRASX	-4,3336	27-1	0
27	0,0871	STERRASX	-5,3696	27-1	0,0871
27	0	STERRADX	5,9772	27-1	0
27	0,0871	STERRADX	7,686	27-1	0,0871
27	0	TERMP	-1,2227	27-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
27	0,0871	TERMP	-1,2267	27-1	0,0871
27	0	TERMN	3,6681	27-1	0
27	0,0871	TERMN	3,6801	27-1	0,0871
27	0	GRADTP	-0,431	27-1	0
27	0,0871	GRADTP	-0,0543	27-1	0,0871
27	0	GRADTN	0,431	27-1	0
27	0,0871	GRADTN	0,0543	27-1	0,0871
27	0	LM71C	-7,1714	27-1	0
27	0,0871	LM71C	-8,0095	27-1	0,0871
27	0	LM71SX	1,1849	27-1	0
27	0,0871	LM71SX	1,0602	27-1	0,0871
27	0	LM71DX	-8,3564	27-1	0
27	0,0871	LM71DX	-9,0696	27-1	0,0871
27	0	STLM71	-4,1278	27-1	0
27	0,0871	STLM71	-5,1435	27-1	0,0871
27	0	AVVLM71	-4,2983	27-1	0
27	0,0871	AVVLM71	-5,6309	27-1	0,0871
27	0	SW2	-5,9063	27-1	0
27	0,0871	SW2	-6,5965	27-1	0,0871
27	0	STSW2	-3,4007	27-1	0
27	0,0871	STSW2	-4,2375	27-1	0,0871
27	0	FRENSW2	-4,5576	27-1	0
27	0,0871	FRENSW2	-5,9706	27-1	0,0871
27	0	SERP	0	27-1	0
27	0,0871	SERP	0	27-1	0,0871
27	0	INCRTER	-4,8071	27-1	0
27	0,0871	INCRTER	-5,99	27-1	0,0871
27	0	LM71SISO	-1,539	27-1	0
27	0,0871	LM71SISO	-2,0162	27-1	0,0871
27	0	SW2SISO	-1,2669	27-1	0
27	0,0871	SW2SISO	-1,6597	27-1	0,0871
27	0	SISMAO	-5,9929	27-1	0
27	0,0871	SISMAO	-7,8981	27-1	0,0871
27	0	LM71SVA	0,2132	27-1	0
27	0,0871	LM71SVA	0,2381	27-1	0,0871
27	0	SW2SVA	0,1755	27-1	0
27	0,0871	SW2SVA	0,196	27-1	0,0871
27	0	SISMAVA	1,1485	27-1	0
27	0,0871	SISMAVA	1,2318	27-1	0,0871
27	0	LM71SVB	-0,2132	27-1	0
27	0,0871	LM71SVB	-0,2381	27-1	0,0871
27	0	SW2SVB	-0,1755	27-1	0
27	0,0871	SW2SVB	-0,196	27-1	0,0871
27	0	SISMAVB	-1,1485	27-1	0
27	0,0871	SISMAVB	-1,2318	27-1	0,0871
28	0	PP	-3,57	28-1	0
28	0,0871	PP	-3,4491	28-1	0,0871
28	0	REINTSUP	-2,7891	28-1	0
28	0,0871	REINTSUP	-2,9248	28-1	0,0871
28	0	BALLAST	-1,8945	28-1	0
28	0,0871	BALLAST	-1,9866	28-1	0,0871
28	0	STERRASX	-5,3696	28-1	0
28	0,0871	STERRASX	-6,259	28-1	0,0871
28	0	STERRADX	7,686	28-1	0
28	0,0871	STERRADX	9,2484	28-1	0,0871
28	0	TERMP	-1,2267	28-1	0
28	0,0871	TERMP	-1,2307	28-1	0,0871
28	0	TERMN	3,6801	28-1	0
28	0,0871	TERMN	3,6922	28-1	0,0871
28	0	GRADTP	-0,0543	28-1	0
28	0,0871	GRADTP	0,3225	28-1	0,0871
28	0	GRADTN	0,0543	28-1	0
28	0,0871	GRADTN	-0,3225	28-1	0,0871
28	0	LM71C	-8,0095	28-1	0
28	0,0871	LM71C	-8,3991	28-1	0,0871
28	0	LM71SX	1,0602	28-1	0
28	0,0871	LM71SX	0,9894	28-1	0,0871
28	0	LM71DX	-9,0696	28-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
177 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
28	0,0871	LM71DX	-9,3885	28-1	0,0871
28	0	STLM71	-5,1435	28-1	0
28	0,0871	STLM71	-6,0171	28-1	0,0871
28	0	AVVLM71	-5,6309	28-1	0
28	0,0871	AVVLM71	-6,7902	28-1	0,0871
28	0	SW2	-6,5965	28-1	0
28	0,0871	SW2	-6,9174	28-1	0,0871
28	0	STSW2	-4,2375	28-1	0
28	0,0871	STSW2	-4,9572	28-1	0,0871
28	0	FRENSW2	-5,9706	28-1	0
28	0,0871	FRENSW2	-7,1998	28-1	0,0871
28	0	SERP	0	28-1	0
28	0,0871	SERP	0	28-1	0,0871
28	0	INCRTER	-5,99	28-1	0
28	0,0871	INCRTER	-7,0074	28-1	0,0871
28	0	LM71SISO	-2,0162	28-1	0
28	0,0871	LM71SISO	-2,4313	28-1	0,0871
28	0	SW2SISO	-1,6597	28-1	0
28	0,0871	SW2SISO	-2,0015	28-1	0,0871
28	0	SISMAO	-7,8981	28-1	0
28	0,0871	SISMAO	-9,5637	28-1	0,0871
28	0	LM71SVA	0,2381	28-1	0
28	0,0871	LM71SVA	0,2497	28-1	0,0871
28	0	SW2SVA	0,196	28-1	0
28	0,0871	SW2SVA	0,2056	28-1	0,0871
28	0	SISMAVA	1,2318	28-1	0
28	0,0871	SISMAVA	1,2489	28-1	0,0871
28	0	LM71SVB	-0,2381	28-1	0
28	0,0871	LM71SVB	-0,2497	28-1	0,0871
28	0	SW2SVB	-0,196	28-1	0
28	0,0871	SW2SVB	-0,2056	28-1	0,0871
28	0	SISMAVB	-1,2318	28-1	0
28	0,0871	SISMAVB	-1,2489	28-1	0,0871
29	0	PP	-3,4491	29-1	0
29	0,0871	PP	-3,1475	29-1	0,0871
29	0	REINTSUP	-2,9248	29-1	0
29	0,0871	REINTSUP	-2,9043	29-1	0,0871
29	0	BALLAST	-1,9866	29-1	0
29	0,0871	BALLAST	-1,9727	29-1	0,0871
29	0	STERRASX	-6,259	29-1	0
29	0,0871	STERRASX	-6,9845	29-1	0,0871
29	0	STERRADX	9,2484	29-1	0
29	0,0871	STERRADX	10,647	29-1	0,0871
29	0	TERMP	-1,2307	29-1	0
29	0,0871	TERMP	-1,2348	29-1	0,0871
29	0	TERMN	3,6922	29-1	0
29	0,0871	TERMN	3,7044	29-1	0,0871
29	0	GRADTP	0,3225	29-1	0
29	0,0871	GRADTP	0,6994	29-1	0,0871
29	0	GRADTN	-0,3225	29-1	0
29	0,0871	GRADTN	-0,6994	29-1	0,0871
29	0	LM71C	-8,3991	29-1	0
29	0,0871	LM71C	-8,3403	29-1	0,0871
29	0	LM71SX	0,9894	29-1	0
29	0,0871	LM71SX	0,9526	29-1	0,0871
29	0	LM71DX	-9,3885	29-1	0
29	0,0871	LM71DX	-9,2929	29-1	0,0871
29	0	STLM71	-6,0171	29-1	0
29	0,0871	STLM71	-6,7318	29-1	0,0871
29	0	AVVLM71	-6,7902	29-1	0
29	0,0871	AVVLM71	-7,7556	29-1	0,0871
29	0	SW2	-6,9174	29-1	0
29	0,0871	SW2	-6,869	29-1	0,0871
29	0	STSW2	-4,9572	29-1	0
29	0,0871	STSW2	-5,546	29-1	0,0871
29	0	FRENSW2	-7,1998	29-1	0
29	0,0871	FRENSW2	-8,2236	29-1	0,0871
29	0	SERP	0	29-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
178 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
29	0,0871	SERP	0	29-1	0,0871
29	0	INCRTER	-7,0074	29-1	0
29	0,0871	INCRTER	-7,8397	29-1	0,0871
29	0	LM71SISO	-2,4313	29-1	0
29	0,0871	LM71SISO	-2,777	29-1	0,0871
29	0	SW2SISO	-2,0015	29-1	0
29	0,0871	SW2SISO	-2,286	29-1	0,0871
29	0	SISMAO	-9,5637	29-1	0
29	0,0871	SISMAO	-10,9614	29-1	0,0871
29	0	LM71SVA	0,2497	29-1	0
29	0,0871	LM71SVA	0,248	29-1	0,0871
29	0	SW2SVA	0,2056	29-1	0
29	0,0871	SW2SVA	0,2041	29-1	0,0871
29	0	SISMAVA	1,2489	29-1	0
29	0,0871	SISMAVA	1,1997	29-1	0,0871
29	0	LM71SVB	-0,2497	29-1	0
29	0,0871	LM71SVB	-0,248	29-1	0,0871
29	0	SW2SVB	-0,2056	29-1	0
29	0,0871	SW2SVB	-0,2041	29-1	0,0871
29	0	SISMAVB	-1,2489	29-1	0
29	0,0871	SISMAVB	-1,1997	29-1	0,0871
30	0	PP	-3,1475	30-1	0
30	0,0871	PP	-2,6651	30-1	0,0871
30	0	REINTSUP	-2,9043	30-1	0
30	0,0871	REINTSUP	-2,7277	30-1	0,0871
30	0	BALLAST	-1,9727	30-1	0
30	0,0871	BALLAST	-1,8528	30-1	0,0871
30	0	STERRASX	-6,9845	30-1	0
30	0,0871	STERRASX	-7,5288	30-1	0,0871
30	0	STERRADX	10,647	30-1	0
30	0,0871	STERRADX	11,8645	30-1	0,0871
30	0	TERMP	-1,2348	30-1	0
30	0,0871	TERMP	-1,2388	30-1	0,0871
30	0	TERMN	3,7044	30-1	0
30	0,0871	TERMN	3,7165	30-1	0,0871
30	0	GRADTP	0,6994	30-1	0
30	0,0871	GRADTP	1,0764	30-1	0,0871
30	0	GRADTN	-0,6994	30-1	0
30	0,0871	GRADTN	-1,0764	30-1	0,0871
30	0	LM71C	-8,3403	30-1	0
30	0,0871	LM71C	-7,8331	30-1	0,0871
30	0	LM71SX	0,9526	30-1	0
30	0,0871	LM71SX	0,9296	30-1	0,0871
30	0	LM71DX	-9,2929	30-1	0
30	0,0871	LM71DX	-8,7626	30-1	0,0871
30	0	STLM71	-6,7318	30-1	0
30	0,0871	STLM71	-7,2708	30-1	0,0871
30	0	AVVLM71	-7,7556	30-1	0
30	0,0871	AVVLM71	-8,5069	30-1	0,0871
30	0	SW2	-6,869	30-1	0
30	0,0871	SW2	-6,4512	30-1	0,0871
30	0	STSW2	-5,546	30-1	0
30	0,0871	STSW2	-5,9901	30-1	0,0871
30	0	FRENSW2	-8,2236	30-1	0
30	0,0871	FRENSW2	-9,0201	30-1	0,0871
30	0	SERP	0	30-1	0
30	0,0871	SERP	0	30-1	0,0871
30	0	INCRTER	-7,8397	30-1	0
30	0,0871	INCRTER	-8,4675	30-1	0,0871
30	0	LM71SISO	-2,777	30-1	0
30	0,0871	LM71SISO	-3,046	30-1	0,0871
30	0	SW2SISO	-2,286	30-1	0
30	0,0871	SW2SISO	-2,5075	30-1	0,0871
30	0	SISMAO	-10,9614	30-1	0
30	0,0871	SISMAO	-12,063	30-1	0,0871
30	0	LM71SVA	0,248	30-1	0
30	0,0871	LM71SVA	0,2329	30-1	0,0871
30	0	SW2SVA	0,2041	30-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
179 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
30	0,0871	SW2SVA	0,1917	30-1	0,0871
30	0	SISMAVA	1,1997	30-1	0
30	0,0871	SISMAVA	1,0842	30-1	0,0871
30	0	LM71SVB	-0,248	30-1	0
30	0,0871	LM71SVB	-0,2329	30-1	0,0871
30	0	SW2SVB	-0,2041	30-1	0
30	0,0871	SW2SVB	-0,1917	30-1	0,0871
30	0	SISMAVB	-1,1997	30-1	0
30	0,0871	SISMAVB	-1,0842	30-1	0,0871
31	0	PP	-2,6651	31-1	0
31	0,0871	PP	-2,0019	31-1	0,0871
31	0	REINTSUP	-2,7277	31-1	0
31	0,0871	REINTSUP	-2,3949	31-1	0,0871
31	0	BALLAST	-1,8528	31-1	0
31	0,0871	BALLAST	-1,6267	31-1	0,0871
31	0	STERRASX	-7,5288	31-1	0
31	0,0871	STERRASX	-7,8743	31-1	0,0871
31	0	STERRADX	11,8645	31-1	0
31	0,0871	STERRADX	12,8835	31-1	0,0871
31	0	TERMP	-1,2388	31-1	0
31	0,0871	TERMP	-1,2428	31-1	0,0871
31	0	TERMN	3,7165	31-1	0
31	0,0871	TERMN	3,7284	31-1	0,0871
31	0	GRADTP	1,0764	31-1	0
31	0,0871	GRADTP	1,4535	31-1	0,0871
31	0	GRADTN	-1,0764	31-1	0
31	0,0871	GRADTN	-1,4535	31-1	0,0871
31	0	LM71C	-7,8331	31-1	0
31	0,0871	LM71C	-6,8773	31-1	0,0871
31	0	LM71SX	0,9296	31-1	0
31	0,0871	LM71SX	0,9002	31-1	0,0871
31	0	LM71DX	-8,7626	31-1	0
31	0,0871	LM71DX	-7,7775	31-1	0,0871
31	0	STLM71	-7,2708	31-1	0
31	0,0871	STLM71	-7,6173	31-1	0,0871
31	0	AVVLM71	-8,5069	31-1	0
31	0,0871	AVVLM71	-9,0233	31-1	0,0871
31	0	SW2	-6,4512	31-1	0
31	0,0871	SW2	-5,6641	31-1	0,0871
31	0	STSW2	-5,9901	31-1	0
31	0,0871	STSW2	-6,2755	31-1	0,0871
31	0	FRENSW2	-9,0201	31-1	0
31	0,0871	FRENSW2	-9,5678	31-1	0,0871
31	0	SERP	0	31-1	0
31	0,0871	SERP	0	31-1	0,0871
31	0	INCRTER	-8,4675	31-1	0
31	0,0871	INCRTER	-8,871	31-1	0,0871
31	0	LM71SISO	-3,046	31-1	0
31	0,0871	LM71SISO	-3,2309	31-1	0,0871
31	0	SW2SISO	-2,5075	31-1	0
31	0,0871	SW2SISO	-2,6597	31-1	0,0871
31	0	SISMAO	-12,063	31-1	0
31	0,0871	SISMAO	-12,8401	31-1	0,0871
31	0	LM71SVA	0,2329	31-1	0
31	0,0871	LM71SVA	0,2045	31-1	0,0871
31	0	SW2SVA	0,1917	31-1	0
31	0,0871	SW2SVA	0,1683	31-1	0,0871
31	0	SISMAVA	1,0842	31-1	0
31	0,0871	SISMAVA	0,9023	31-1	0,0871
31	0	LM71SVB	-0,2329	31-1	0
31	0,0871	LM71SVB	-0,2045	31-1	0,0871
31	0	SW2SVB	-0,1917	31-1	0
31	0,0871	SW2SVB	-0,1683	31-1	0,0871
31	0	SISMAVB	-1,0842	31-1	0
31	0,0871	SISMAVB	-0,9023	31-1	0,0871
32	0	PP	-2,0019	32-1	0
32	0,0871	PP	-1,1578	32-1	0,0871
32	0	REINTSUP	-2,3949	32-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
32	0,0871	REINTSUP	-1,9058	32-1	0,0871
32	0	BALLAST	-1,6267	32-1	0
32	0,0871	BALLAST	-1,2945	32-1	0,0871
32	0	STERRASX	-7,8743	32-1	0
32	0,0871	STERRASX	-8,0039	32-1	0,0871
32	0	STERRADX	12,8835	32-1	0
32	0,0871	STERRADX	13,6865	32-1	0,0871
32	0	TERMP	-1,2428	32-1	0
32	0,0871	TERMP	-1,2466	32-1	0,0871
32	0	TERMN	3,7284	32-1	0
32	0,0871	TERMN	3,7398	32-1	0,0871
32	0	GRADTP	1,4535	32-1	0
32	0,0871	GRADTP	1,8309	32-1	0,0871
32	0	GRADTN	-1,4535	32-1	0
32	0,0871	GRADTN	-1,8309	32-1	0,0871
32	0	LM71C	-6,8773	32-1	0
32	0,0871	LM71C	-5,4728	32-1	0,0871
32	0	LM71SX	0,9002	32-1	0
32	0,0871	LM71SX	0,8445	32-1	0,0871
32	0	LM71DX	-7,7775	32-1	0
32	0,0871	LM71DX	-6,3173	32-1	0,0871
32	0	STLM71	-7,6173	32-1	0
32	0,0871	STLM71	-7,7544	32-1	0,0871
32	0	AVVLM71	-9,0233	32-1	0
32	0,0871	AVVLM71	-9,2845	32-1	0,0871
32	0	SW2	-5,6641	32-1	0
32	0,0871	SW2	-4,5074	32-1	0,0871
32	0	STSW2	-6,2755	32-1	0
32	0,0871	STSW2	-6,3885	32-1	0,0871
32	0	FRENSW2	-9,5678	32-1	0
32	0,0871	FRENSW2	-9,8447	32-1	0,0871
32	0	SERP	0	32-1	0
32	0,0871	SERP	0	32-1	0,0871
32	0	INCRTER	-8,871	32-1	0
32	0,0871	INCRTER	-9,0306	32-1	0,0871
32	0	LM71SISO	-3,2309	32-1	0
32	0,0871	LM71SISO	-3,3244	32-1	0,0871
32	0	SW2SISO	-2,6597	32-1	0
32	0,0871	SW2SISO	-2,7367	32-1	0,0871
32	0	SISMAO	-12,8401	32-1	0
32	0,0871	SISMAO	-13,2644	32-1	0,0871
32	0	LM71SVA	0,2045	32-1	0
32	0,0871	LM71SVA	0,1627	32-1	0,0871
32	0	SW2SVA	0,1683	32-1	0
32	0,0871	SW2SVA	0,1339	32-1	0,0871
32	0	SISMAVA	0,9023	32-1	0
32	0,0871	SISMAVA	0,6542	32-1	0,0871
32	0	LM71SVB	-0,2045	32-1	0
32	0,0871	LM71SVB	-0,1627	32-1	0,0871
32	0	SW2SVB	-0,1683	32-1	0
32	0,0871	SW2SVB	-0,1339	32-1	0,0871
32	0	SISMAVB	-0,9023	32-1	0
32	0,0871	SISMAVB	-0,6542	32-1	0,0871
33	0	PP	-1,1578	33-1	0
33	0,0871	PP	-0,1325	33-1	0,0871
33	0	REINTSUP	-1,9058	33-1	0
33	0,0871	REINTSUP	-1,2604	33-1	0,0871
33	0	BALLAST	-1,2945	33-1	0
33	0,0871	BALLAST	-0,8561	33-1	0,0871
33	0	STERRASX	-8,0039	33-1	0
33	0,0871	STERRASX	-7,9	33-1	0,0871
33	0	STERRADX	13,6865	33-1	0
33	0,0871	STERRADX	14,2562	33-1	0,0871
33	0	TERMP	-1,2466	33-1	0
33	0,0871	TERMP	-1,2502	33-1	0,0871
33	0	TERMN	3,7398	33-1	0
33	0,0871	TERMN	3,7505	33-1	0,0871
33	0	GRADTP	1,8309	33-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
181 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
33	0,0871	GRADTP	2,2086	33-1	0,0871
33	0	GRADTN	-1,8309	33-1	0
33	0,0871	GRADTN	-2,2086	33-1	0,0871
33	0	LM71C	-5,4728	33-1	0
33	0,0871	LM71C	-3,6195	33-1	0,0871
33	0	LM71SX	0,8445	33-1	0
33	0,0871	LM71SX	0,7422	33-1	0,0871
33	0	LM71DX	-6,3173	33-1	0
33	0,0871	LM71DX	-4,3618	33-1	0,0871
33	0	STLM71	-7,7544	33-1	0
33	0,0871	STLM71	-7,6652	33-1	0,0871
33	0	AVVLM71	-9,2845	33-1	0
33	0,0871	AVVLM71	-9,2698	33-1	0,0871
33	0	SW2	-4,5074	33-1	0
33	0,0871	SW2	-2,981	33-1	0,0871
33	0	STSW2	-6,3885	33-1	0
33	0,0871	STSW2	-6,315	33-1	0,0871
33	0	FRENSW2	-9,8447	33-1	0
33	0,0871	FRENSW2	-9,8291	33-1	0,0871
33	0	SERP	0	33-1	0
33	0,0871	SERP	0	33-1	0,0871
33	0	INCRTER	-9,0306	33-1	0
33	0,0871	INCRTER	-8,9267	33-1	0,0871
33	0	LM71SISO	-3,3244	33-1	0
33	0,0871	LM71SISO	-3,3192	33-1	0,0871
33	0	SW2SISO	-2,7367	33-1	0
33	0,0871	SW2SISO	-2,7324	33-1	0,0871
33	0	SISMAO	-13,2644	33-1	0
33	0,0871	SISMAO	-13,3073	33-1	0,0871
33	0	LM71SVA	0,1627	33-1	0
33	0,0871	LM71SVA	0,1076	33-1	0,0871
33	0	SW2SVA	0,1339	33-1	0
33	0,0871	SW2SVA	0,0886	33-1	0,0871
33	0	SISMAVA	0,6542	33-1	0
33	0,0871	SISMAVA	0,3397	33-1	0,0871
33	0	LM71SVB	-0,1627	33-1	0
33	0,0871	LM71SVB	-0,1076	33-1	0,0871
33	0	SW2SVB	-0,1339	33-1	0
33	0,0871	SW2SVB	-0,0886	33-1	0,0871
33	0	SISMAVB	-0,6542	33-1	0
33	0,0871	SISMAVB	-0,3397	33-1	0,0871
34	0	PP	-0,1325	34-1	0
34	0,0871	PP	1,0739	34-1	0,0871
34	0	REINTSUP	-1,2604	34-1	0
34	0,0871	REINTSUP	-0,4587	34-1	0,0871
34	0	BALLAST	-0,8561	34-1	0
34	0,0871	BALLAST	-0,3116	34-1	0,0871
34	0	STERRASX	-7,9	34-1	0
34	0,0871	STERRASX	-7,5451	34-1	0,0871
34	0	STERRADX	14,2562	34-1	0
34	0,0871	STERRADX	14,575	34-1	0,0871
34	0	TERMP	-1,2502	34-1	0
34	0,0871	TERMP	-1,2535	34-1	0,0871
34	0	TERMN	3,7505	34-1	0
34	0,0871	TERMN	3,7604	34-1	0,0871
34	0	GRADTP	2,2086	34-1	0
34	0,0871	GRADTP	2,5866	34-1	0,0871
34	0	GRADTN	-2,2086	34-1	0
34	0,0871	GRADTN	-2,5866	34-1	0,0871
34	0	LM71C	-3,6195	34-1	0
34	0,0871	LM71C	-1,3172	34-1	0,0871
34	0	LM71SX	0,7422	34-1	0
34	0,0871	LM71SX	0,5733	34-1	0,0871
34	0	LM71DX	-4,3618	34-1	0
34	0,0871	LM71DX	-1,8905	34-1	0,0871
34	0	STLM71	-7,6652	34-1	0
34	0,0871	STLM71	-7,3327	34-1	0,0871
34	0	AVVLM71	-9,2698	34-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
34	0,0871	AVVLM71	-8,9587	34-1	0,0871
34	0	SW2	-2,981	34-1	0
34	0,0871	SW2	-1,0848	34-1	0,0871
34	0	STSW2	-6,315	34-1	0
34	0,0871	STSW2	-6,0411	34-1	0,0871
34	0	FRENSW2	-9,8291	34-1	0
34	0,0871	FRENSW2	-9,4992	34-1	0,0871
34	0	SERP	0	34-1	0
34	0,0871	SERP	0	34-1	0,0871
34	0	INCRTER	-8,9267	34-1	0
34	0,0871	INCRTER	-8,5396	34-1	0,0871
34	0	LM71SISO	-3,3192	34-1	0
34	0,0871	LM71SISO	-3,2078	34-1	0,0871
34	0	SW2SISO	-2,7324	34-1	0
34	0,0871	SW2SISO	-2,6406	34-1	0,0871
34	0	SISMAO	-13,3073	34-1	0
34	0,0871	SISMAO	-12,9404	34-1	0,0871
34	0	LM71SVA	0,1076	34-1	0
34	0,0871	LM71SVA	0,0392	34-1	0,0871
34	0	SW2SVA	0,0886	34-1	0
34	0,0871	SW2SVA	0,0322	34-1	0,0871
34	0	SISMAVA	0,3397	34-1	0
34	0,0871	SISMAVA	-0,0412	34-1	0,0871
34	0	LM71SVB	-0,1076	34-1	0
34	0,0871	LM71SVB	-0,0392	34-1	0,0871
34	0	SW2SVB	-0,0886	34-1	0
34	0,0871	SW2SVB	-0,0322	34-1	0,0871
34	0	SISMAVB	-0,3397	34-1	0
34	0,0871	SISMAVB	0,0412	34-1	0,0871
35	0	PP	1,0739	35-1	0
35	0,075	PP	2,2581	35-1	0,075
35	0	REINTSUP	-0,4587	35-1	0
35	0,075	REINTSUP	0,357	35-1	0,075
35	0	BALLAST	-0,3116	35-1	0
35	0,075	BALLAST	0,2425	35-1	0,075
35	0	STERRASX	-7,5451	35-1	0
35	0,075	STERRASX	-7,0245	35-1	0,075
35	0	STERRADX	14,575	35-1	0
35	0,075	STERRADX	14,6343	35-1	0,075
35	0	TERMP	-1,2535	35-1	0
35	0,075	TERMP	-1,256	35-1	0,075
35	0	TERMN	3,7604	35-1	0
35	0,075	TERMN	3,7681	35-1	0,075
35	0	GRADTP	2,5866	35-1	0
35	0,075	GRADTP	2,9124	35-1	0,075
35	0	GRADTN	-2,5866	35-1	0
35	0,075	GRADTN	-2,9124	35-1	0,075
35	0	LM71C	-1,3172	35-1	0
35	0,075	LM71C	1,0253	35-1	0,075
35	0	LM71SX	0,5733	35-1	0
35	0,075	LM71SX	0,3584	35-1	0,075
35	0	LM71DX	-1,8905	35-1	0
35	0,075	LM71DX	0,6669	35-1	0,075
35	0	STLM71	-7,3327	35-1	0
35	0,075	STLM71	-6,838	35-1	0,075
35	0	AVVLM71	-8,9587	35-1	0
35	0,075	AVVLM71	-8,4366	35-1	0,075
35	0	SW2	-1,0848	35-1	0
35	0,075	SW2	0,8444	35-1	0,075
35	0	STSW2	-6,0411	35-1	0
35	0,075	STSW2	-5,6335	35-1	0,075
35	0	FRENSW2	-9,4992	35-1	0
35	0,075	FRENSW2	-8,9457	35-1	0,075
35	0	SERP	0	35-1	0
35	0,075	SERP	0	35-1	0,075
35	0	INCRTER	-8,5396	35-1	0
35	0,075	INCRTER	-7,9634	35-1	0,075
35	0	LM71SISO	-3,2078	35-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
35	0,075	LM71SISO	-3,0208	35-1	0,075
35	0	SW2SISO	-2,6406	35-1	0
35	0,075	SW2SISO	-2,4868	35-1	0,075
35	0	SISMAO	-12,9404	35-1	0
35	0,075	SISMAO	-12,2733	35-1	0,075
35	0	LM71SVA	0,0392	35-1	0
35	0,075	LM71SVA	-0,0305	35-1	0,075
35	0	SW2SVA	0,0322	35-1	0
35	0,075	SW2SVA	-0,0251	35-1	0,075
35	0	SISMAVA	-0,0412	35-1	0
35	0,075	SISMAVA	-0,4224	35-1	0,075
35	0	LM71SVB	-0,0392	35-1	0
35	0,075	LM71SVB	0,0305	35-1	0,075
35	0	SW2SVB	-0,0322	35-1	0
35	0,075	SW2SVB	0,0251	35-1	0,075
35	0	SISMAVB	0,0412	35-1	0
35	0,075	SISMAVB	0,4224	35-1	0,075
36	0	PP	2,2581	36-1	0
36	0,075	PP	3,5767	36-1	0,075
36	0	REINTSUP	0,357	36-1	0
36	0,075	REINTSUP	1,2888	36-1	0,075
36	0	BALLAST	0,2425	36-1	0
36	0,075	BALLAST	0,8754	36-1	0,075
36	0	STERRASX	-7,0245	36-1	0
36	0,075	STERRASX	-6,2935	36-1	0,075
36	0	STERRADX	14,6343	36-1	0
36	0,075	STERRADX	14,4833	36-1	0,075
36	0	TERMP	-1,256	36-1	0
36	0,075	TERMP	-1,2583	36-1	0,075
36	0	TERMN	3,7681	36-1	0
36	0,075	TERMN	3,7749	36-1	0,075
36	0	GRADTP	2,9124	36-1	0
36	0,075	GRADTP	3,2384	36-1	0,075
36	0	GRADTN	-2,9124	36-1	0
36	0,075	GRADTN	-3,2384	36-1	0,075
36	0	LM71C	1,0253	36-1	0
36	0,075	LM71C	3,701	36-1	0,075
36	0	LM71SX	0,3584	36-1	0
36	0,075	LM71SX	0,0662	36-1	0,075
36	0	LM71DX	0,6669	36-1	0
36	0,075	LM71DX	3,6348	36-1	0,075
36	0	STLM71	-6,838	36-1	0
36	0,075	STLM71	-6,1395	36-1	0,075
36	0	AVVLM71	-8,4366	36-1	0
36	0,075	AVVLM71	-7,6662	36-1	0,075
36	0	SW2	0,8444	36-1	0
36	0,075	SW2	3,0481	36-1	0,075
36	0	STSW2	-5,6335	36-1	0
36	0,075	STSW2	-5,058	36-1	0,075
36	0	FRENSW2	-8,9457	36-1	0
36	0,075	FRENSW2	-8,1287	36-1	0,075
36	0	SERP	0	36-1	0
36	0,075	SERP	0	36-1	0,075
36	0	INCRTER	-7,9634	36-1	0
36	0,075	INCRTER	-7,1499	36-1	0,075
36	0	LM71SISO	-3,0208	36-1	0
36	0,075	LM71SISO	-2,745	36-1	0,075
36	0	SW2SISO	-2,4868	36-1	0
36	0,075	SW2SISO	-2,2597	36-1	0,075
36	0	SISMAO	-12,2733	36-1	0
36	0,075	SISMAO	-11,2628	36-1	0,075
36	0	LM71SVA	-0,0305	36-1	0
36	0,075	LM71SVA	-0,11	36-1	0,075
36	0	SW2SVA	-0,0251	36-1	0
36	0,075	SW2SVA	-0,0906	36-1	0,075
36	0	SISMAVA	-0,4224	36-1	0
36	0,075	SISMAVA	-0,8529	36-1	0,075
36	0	LM71SVB	0,0305	36-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
184 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
36	0,075	LM71SVB	0,11	36-1	0,075
36	0	SW2SVB	0,0251	36-1	0
36	0,075	SW2SVB	0,0906	36-1	0,075
36	0	SISMAVB	0,4224	36-1	0
36	0,075	SISMAVB	0,8529	36-1	0,075
37	0	PP	3,5767	37-1	0
37	0,0375	PP	3,4887	37-1	0,0375
37	0,075	PP	3,4008	37-1	0,075
37	0	REINTSUP	1,2888	37-1	0
37	0,0375	REINTSUP	1,2853	37-1	0,0375
37	0,075	REINTSUP	1,2817	37-1	0,075
37	0	BALLAST	0,8754	37-1	0
37	0,0375	BALLAST	0,873	37-1	0,0375
37	0,075	BALLAST	0,8706	37-1	0,075
37	0	STERRASX	14,4833	37-1	0
37	0,0375	STERRASX	13,0212	37-1	0,0375
37	0,075	STERRASX	11,6086	37-1	0,075
37	0	STERRADX	-6,2935	37-1	0
37	0,0375	STERRADX	-6,0533	37-1	0,0375
37	0,075	STERRADX	-5,8131	37-1	0,075
37	0	TERMP	-1,2583	37-1	0
37	0,0375	TERMP	-1,2168	37-1	0,0375
37	0,075	TERMP	-1,1753	37-1	0,075
37	0	TERMN	3,7749	37-1	0
37	0,0375	TERMN	3,6504	37-1	0,0375
37	0,075	TERMN	3,5259	37-1	0,075
37	0	GRADTP	3,2384	37-1	0
37	0,0375	GRADTP	3,075	37-1	0,0375
37	0,075	GRADTP	2,9115	37-1	0,075
37	0	GRADTN	-3,2384	37-1	0
37	0,0375	GRADTN	-3,075	37-1	0,0375
37	0,075	GRADTN	-2,9115	37-1	0,075
37	0	LM71C	3,701	37-1	0
37	0,0375	LM71C	3,6909	37-1	0,0375
37	0,075	LM71C	3,6808	37-1	0,075
37	0	LM71SX	3,6348	37-1	0
37	0,0375	LM71SX	3,6406	37-1	0,0375
37	0,075	LM71SX	3,6463	37-1	0,075
37	0	LM71DX	0,0662	37-1	0
37	0,0375	LM71DX	0,0503	37-1	0,0375
37	0,075	LM71DX	0,0345	37-1	0,075
37	0	STLM71	12,9385	37-1	0
37	0,0375	STLM71	11,7897	37-1	0,0375
37	0,075	STLM71	10,6712	37-1	0,075
37	0	AVVLM71	7,6662	37-1	0
37	0,0375	AVVLM71	7,3815	37-1	0,0375
37	0,075	AVVLM71	7,0969	37-1	0,075
37	0	SW2	3,0481	37-1	0
37	0,0375	SW2	3,0398	37-1	0,0375
37	0,075	SW2	3,0314	37-1	0,075
37	0	STSW2	10,6594	37-1	0
37	0,0375	STSW2	9,713	37-1	0,0375
37	0,075	STSW2	8,7916	37-1	0,075
37	0	FRENSW2	8,1287	37-1	0
37	0,0375	FRENSW2	7,8269	37-1	0,0375
37	0,075	FRENSW2	7,5251	37-1	0,075
37	0	SERP	0	37-1	0
37	0,0375	SERP	0	37-1	0,0375
37	0,075	SERP	0	37-1	0,075
37	0	INCRTER	15,068	37-1	0
37	0,0375	INCRTER	13,7301	37-1	0,0375
37	0,075	INCRTER	12,4276	37-1	0,075
37	0	LM71SISO	2,745	37-1	0
37	0,0375	LM71SISO	2,643	37-1	0,0375
37	0,075	LM71SISO	2,5411	37-1	0,075
37	0	SW2SISO	2,2597	37-1	0
37	0,0375	SW2SISO	2,1758	37-1	0,0375
37	0,075	SW2SISO	2,0919	37-1	0,075

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
37	0	SISMAO	11,2628	37-1	0
37	0,0375	SISMAO	10,7833	37-1	0,0375
37	0,075	SISMAO	10,3066	37-1	0,075
37	0	LM71SVA	-0,11	37-1	0
37	0,0375	LM71SVA	-0,1097	37-1	0,0375
37	0,075	LM71SVA	-0,1094	37-1	0,075
37	0	SW2SVA	-0,0906	37-1	0
37	0,0375	SW2SVA	-0,0903	37-1	0,0375
37	0,075	SW2SVA	-0,0901	37-1	0,075
37	0	SISMAVA	-0,8529	37-1	0
37	0,0375	SISMAVA	-0,839	37-1	0,0375
37	0,075	SISMAVA	-0,8251	37-1	0,075
37	0	LM71SVB	0,11	37-1	0
37	0,0375	LM71SVB	0,1097	37-1	0,0375
37	0,075	LM71SVB	0,1094	37-1	0,075
37	0	SW2SVB	0,0906	37-1	0
37	0,0375	SW2SVB	0,0903	37-1	0,0375
37	0,075	SW2SVB	0,0901	37-1	0,075
37	0	SISMAVB	0,8529	37-1	0
37	0,0375	SISMAVB	0,839	37-1	0,0375
37	0,075	SISMAVB	0,8251	37-1	0,075
38	0	PP	1,381E-11	38-1	0
38	0,0375	PP	1,416E-11	38-1	0,0375
38	0,075	PP	1,452E-11	38-1	0,075
38	0	REINTSUP	9,055E-12	38-1	0
38	0,0375	REINTSUP	9,288E-12	38-1	0,0375
38	0,075	REINTSUP	9,52E-12	38-1	0,075
38	0	BALLAST	6,15E-12	38-1	0
38	0,0375	BALLAST	6,308E-12	38-1	0,0375
38	0,075	BALLAST	6,466E-12	38-1	0,075
38	0	STERRASX	15,2202	38-1	0
38	0,0375	STERRASX	15,6998	38-1	0,0375
38	0,075	STERRASX	16,1795	38-1	0,075
38	0	STERRADX	-15,2202	38-1	0
38	0,0375	STERRADX	-15,6998	38-1	0,0375
38	0,075	STERRADX	-16,1795	38-1	0,075
38	0	TERMP	8,285E-13	38-1	0
38	0,0375	TERMP	8,554E-13	38-1	0,0375
38	0,075	TERMP	8,822E-13	38-1	0,075
38	0	TERMN	-2,579E-12	38-1	0
38	0,0375	TERMN	-2,663E-12	38-1	0,0375
38	0,075	TERMN	-2,747E-12	38-1	0,075
38	0	GRADTP	6,691E-14	38-1	0
38	0,0375	GRADTP	6,883E-14	38-1	0,0375
38	0,075	GRADTP	7,074E-14	38-1	0,075
38	0	GRADTN	-6,691E-14	38-1	0
38	0,0375	GRADTN	-6,883E-14	38-1	0,0375
38	0,075	GRADTN	-7,074E-14	38-1	0,075
38	0	LM71C	2,6E-11	38-1	0
38	0,0375	LM71C	2,667E-11	38-1	0,0375
38	0,075	LM71C	2,734E-11	38-1	0,075
38	0	LM71SX	-1,7666	38-1	0
38	0,0375	LM71SX	-1,745	38-1	0,0375
38	0,075	LM71SX	-1,7234	38-1	0,075
38	0	LM71DX	1,7666	38-1	0
38	0,0375	LM71DX	1,745	38-1	0,0375
38	0,075	LM71DX	1,7234	38-1	0,075
38	0	STLM71	14,7616	38-1	0
38	0,0375	STLM71	15,2297	38-1	0,0375
38	0,075	STLM71	15,6979	38-1	0,075
38	0	AVVLM71	17,2408	38-1	0
38	0,0375	AVVLM71	17,8089	38-1	0,0375
38	0,075	AVVLM71	18,377	38-1	0,075
38	0	SW2	2,142E-11	38-1	0
38	0,0375	SW2	2,197E-11	38-1	0,0375
38	0,075	SW2	2,252E-11	38-1	0,075
38	0	STSW2	12,1615	38-1	0
38	0,0375	STSW2	12,5471	38-1	0,0375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
38	0,075	STSW2	12,9328	38-1	0,075
38	0	FRENSW2	18,2811	38-1	0
38	0,0375	FRENSW2	18,8834	38-1	0,0375
38	0,075	FRENSW2	19,4858	38-1	0,075
38	0	SERP	0	38-1	0
38	0,0375	SERP	0	38-1	0,0375
38	0,075	SERP	0	38-1	0,075
38	0	INCRTER	17,1912	38-1	0
38	0,0375	INCRTER	17,7363	38-1	0,0375
38	0,075	INCRTER	18,2815	38-1	0,075
38	0	LM71SISO	6,1733	38-1	0
38	0,0375	LM71SISO	6,3767	38-1	0,0375
38	0,075	LM71SISO	6,5801	38-1	0,075
38	0	SW2SISO	5,0819	38-1	0
38	0,0375	SW2SISO	5,2493	38-1	0,0375
38	0,075	SW2SISO	5,4167	38-1	0,075
38	0	SISMAO	24,5058	38-1	0
38	0,0375	SISMAO	25,3744	38-1	0,0375
38	0,075	SISMAO	26,2459	38-1	0,075
38	0	LM71SVA	-7,73E-13	38-1	0
38	0,0375	LM71SVA	-7,929E-13	38-1	0,0375
38	0,075	LM71SVA	-8,127E-13	38-1	0,075
38	0	SW2SVA	-6,364E-13	38-1	0
38	0,0375	SW2SVA	-6,528E-13	38-1	0,0375
38	0,075	SW2SVA	-6,691E-13	38-1	0,075
38	0	SISMAVA	-3,85E-12	38-1	0
38	0,0375	SISMAVA	-3,948E-12	38-1	0,0375
38	0,075	SISMAVA	-4,047E-12	38-1	0,075
38	0	LM71SVB	7,73E-13	38-1	0
38	0,0375	LM71SVB	7,929E-13	38-1	0,0375
38	0,075	LM71SVB	8,127E-13	38-1	0,075
38	0	SW2SVB	6,364E-13	38-1	0
38	0,0375	SW2SVB	6,528E-13	38-1	0,0375
38	0,075	SW2SVB	6,691E-13	38-1	0,075
38	0	SISMAVB	3,85E-12	38-1	0
38	0,0375	SISMAVB	3,948E-12	38-1	0,0375
38	0,075	SISMAVB	4,047E-12	38-1	0,075
39	0	PP	-3,5767	39-1	0
39	0,0375	PP	-3,4887	39-1	0,0375
39	0,075	PP	-3,4008	39-1	0,075
39	0	REINTSUP	-1,2888	39-1	0
39	0,0375	REINTSUP	-1,2853	39-1	0,0375
39	0,075	REINTSUP	-1,2817	39-1	0,075
39	0	BALLAST	-0,8754	39-1	0
39	0,0375	BALLAST	-0,873	39-1	0,0375
39	0,075	BALLAST	-0,8706	39-1	0,075
39	0	STERRASX	6,2935	39-1	0
39	0,0375	STERRASX	6,0533	39-1	0,0375
39	0,075	STERRASX	5,8131	39-1	0,075
39	0	STERRADX	-14,4833	39-1	0
39	0,0375	STERRADX	-13,0212	39-1	0,0375
39	0,075	STERRADX	-11,6086	39-1	0,075
39	0	TERMP	1,2583	39-1	0
39	0,0375	TERMP	1,2168	39-1	0,0375
39	0,075	TERMP	1,1753	39-1	0,075
39	0	TERMN	-3,7749	39-1	0
39	0,0375	TERMN	-3,6504	39-1	0,0375
39	0,075	TERMN	-3,5259	39-1	0,075
39	0	GRADTP	-3,2384	39-1	0
39	0,0375	GRADTP	-3,075	39-1	0,0375
39	0,075	GRADTP	-2,9115	39-1	0,075
39	0	GRADTN	3,2384	39-1	0
39	0,0375	GRADTN	3,075	39-1	0,0375
39	0,075	GRADTN	2,9115	39-1	0,075
39	0	LM71C	-3,701	39-1	0
39	0,0375	LM71C	-3,6909	39-1	0,0375
39	0,075	LM71C	-3,6808	39-1	0,075
39	0	LM71SX	-0,0662	39-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
39	0,0375	LM71SX	-0,0503	39-1	0,0375
39	0,075	LM71SX	-0,0345	39-1	0,075
39	0	LM71DX	-3,6348	39-1	0
39	0,0375	LM71DX	-3,6406	39-1	0,0375
39	0,075	LM71DX	-3,6463	39-1	0,075
39	0	STLM71	6,1395	39-1	0
39	0,0375	STLM71	5,906	39-1	0,0375
39	0,075	STLM71	5,6726	39-1	0,075
39	0	AVVLM71	7,6662	39-1	0
39	0,0375	AVVLM71	7,3815	39-1	0,0375
39	0,075	AVVLM71	7,0969	39-1	0,075
39	0	SW2	-3,0481	39-1	0
39	0,0375	SW2	-3,0398	39-1	0,0375
39	0,075	SW2	-3,0314	39-1	0,075
39	0	STSW2	5,058	39-1	0
39	0,0375	STSW2	4,8657	39-1	0,0375
39	0,075	STSW2	4,6734	39-1	0,075
39	0	FRENSW2	8,1287	39-1	0
39	0,0375	FRENSW2	7,8269	39-1	0,0375
39	0,075	FRENSW2	7,5251	39-1	0,075
39	0	SERP	0	39-1	0
39	0,0375	SERP	0	39-1	0,0375
39	0,075	SERP	0	39-1	0,075
39	0	INCRTER	7,1499	39-1	0
39	0,0375	INCRTER	6,8781	39-1	0,0375
39	0,075	INCRTER	6,6062	39-1	0,075
39	0	LM71SISO	2,745	39-1	0
39	0,0375	LM71SISO	2,643	39-1	0,0375
39	0,075	LM71SISO	2,5411	39-1	0,075
39	0	SW2SISO	2,2597	39-1	0
39	0,0375	SW2SISO	2,1758	39-1	0,0375
39	0,075	SW2SISO	2,0919	39-1	0,075
39	0	SISMAO	11,2628	39-1	0
39	0,0375	SISMAO	10,7833	39-1	0,0375
39	0,075	SISMAO	10,3066	39-1	0,075
39	0	LM71SVA	0,11	39-1	0
39	0,0375	LM71SVA	0,1097	39-1	0,0375
39	0,075	LM71SVA	0,1094	39-1	0,075
39	0	SW2SVA	0,0906	39-1	0
39	0,0375	SW2SVA	0,0903	39-1	0,0375
39	0,075	SW2SVA	0,0901	39-1	0,075
39	0	SISMAVA	0,8529	39-1	0
39	0,0375	SISMAVA	0,839	39-1	0,0375
39	0,075	SISMAVA	0,8251	39-1	0,075
39	0	LM71SVB	-0,11	39-1	0
39	0,0375	LM71SVB	-0,1097	39-1	0,0375
39	0,075	LM71SVB	-0,1094	39-1	0,075
39	0	SW2SVB	-0,0906	39-1	0
39	0,0375	SW2SVB	-0,0903	39-1	0,0375
39	0,075	SW2SVB	-0,0901	39-1	0,075
39	0	SISMAVB	-0,8529	39-1	0
39	0,0375	SISMAVB	-0,839	39-1	0,0375
39	0,075	SISMAVB	-0,8251	39-1	0,075
40	0	PP	3,4008	40-1	0
40	0,0375	PP	3,3128	40-1	0,0375
40	0,075	PP	3,2248	40-1	0,075
40	0	REINTSUP	1,2817	40-1	0
40	0,0375	REINTSUP	1,2782	40-1	0,0375
40	0,075	REINTSUP	1,2747	40-1	0,075
40	0	BALLAST	0,8706	40-1	0
40	0,0375	BALLAST	0,8682	40-1	0,0375
40	0,075	BALLAST	0,8658	40-1	0,075
40	0	STERRASX	11,6086	40-1	0
40	0,0375	STERRASX	10,2447	40-1	0,0375
40	0,075	STERRASX	8,9293	40-1	0,075
40	0	STERRADX	-5,8131	40-1	0
40	0,0375	STERRADX	-5,5728	40-1	0,0375
40	0,075	STERRADX	-5,3326	40-1	0,075

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
188 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
40	0	TERMP	-1,1753	40-1	0
40	0,0375	TERMP	-1,1338	40-1	0,0375
40	0,075	TERMP	-1,0923	40-1	0,075
40	0	TERMN	3,5259	40-1	0
40	0,0375	TERMN	3,4014	40-1	0,0375
40	0,075	TERMN	3,277	40-1	0,075
40	0	GRADTP	2,9115	40-1	0
40	0,0375	GRADTP	2,7481	40-1	0,0375
40	0,075	GRADTP	2,5846	40-1	0,075
40	0	GRADTN	-2,9115	40-1	0
40	0,0375	GRADTN	-2,7481	40-1	0,0375
40	0,075	GRADTN	-2,5846	40-1	0,075
40	0	LM71C	3,6808	40-1	0
40	0,0375	LM71C	3,6707	40-1	0,0375
40	0,075	LM71C	3,6605	40-1	0,075
40	0	LM71SX	3,6463	40-1	0
40	0,0375	LM71SX	3,6521	40-1	0,0375
40	0,075	LM71SX	3,6578	40-1	0,075
40	0	LM71DX	0,0345	40-1	0
40	0,0375	LM71DX	0,0186	40-1	0,0375
40	0,075	LM71DX	0,0027	40-1	0,075
40	0	STLM71	10,6712	40-1	0
40	0,0375	STLM71	9,5833	40-1	0,0375
40	0,075	STLM71	8,5257	40-1	0,075
40	0	AVVLM71	7,0969	40-1	0
40	0,0375	AVVLM71	6,8122	40-1	0,0375
40	0,075	AVVLM71	6,5275	40-1	0,075
40	0	SW2	3,0314	40-1	0
40	0,0375	SW2	3,0231	40-1	0,0375
40	0,075	SW2	3,0148	40-1	0,075
40	0	STSW2	8,7916	40-1	0
40	0,0375	STSW2	7,8952	40-1	0,0375
40	0,075	STSW2	7,0239	40-1	0,075
40	0	FRENSW2	7,5251	40-1	0
40	0,0375	FRENSW2	7,2232	40-1	0,0375
40	0,075	FRENSW2	6,9214	40-1	0,075
40	0	SERP	0	40-1	0
40	0,0375	SERP	0	40-1	0,0375
40	0,075	SERP	0	40-1	0,075
40	0	INCRTER	12,4276	40-1	0
40	0,0375	INCRTER	11,1605	40-1	0,0375
40	0,075	INCRTER	9,9289	40-1	0,075
40	0	LM71SISO	2,5411	40-1	0
40	0,0375	LM71SISO	2,4392	40-1	0,0375
40	0,075	LM71SISO	2,3373	40-1	0,075
40	0	SW2SISO	2,0919	40-1	0
40	0,0375	SW2SISO	2,0079	40-1	0,0375
40	0,075	SW2SISO	1,924	40-1	0,075
40	0	SISMAO	10,3066	40-1	0
40	0,0375	SISMAO	9,8328	40-1	0,0375
40	0,075	SISMAO	9,3619	40-1	0,075
40	0	LM71SVA	-0,1094	40-1	0
40	0,0375	LM71SVA	-0,1091	40-1	0,0375
40	0,075	LM71SVA	-0,1088	40-1	0,075
40	0	SW2SVA	-0,0901	40-1	0
40	0,0375	SW2SVA	-0,0898	40-1	0,0375
40	0,075	SW2SVA	-0,0896	40-1	0,075
40	0	SISMAVA	-0,8251	40-1	0
40	0,0375	SISMAVA	-0,8113	40-1	0,0375
40	0,075	SISMAVA	-0,7974	40-1	0,075
40	0	LM71SVB	0,1094	40-1	0
40	0,0375	LM71SVB	0,1091	40-1	0,0375
40	0,075	LM71SVB	0,1088	40-1	0,075
40	0	SW2SVB	0,0901	40-1	0
40	0,0375	SW2SVB	0,0898	40-1	0,0375
40	0,075	SW2SVB	0,0896	40-1	0,075
40	0	SISMAVB	0,8251	40-1	0
40	0,0375	SISMAVB	0,8113	40-1	0,0375

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
189 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
40	0,075	SISMAVB	0,7974	40-1	0,075
41	0	PP	1,31E-11	41-1	0
41	0,0375	PP	1,345E-11	41-1	0,0375
41	0,075	PP	1,381E-11	41-1	0,075
41	0	REINTSUP	8,59E-12	41-1	0
41	0,0375	REINTSUP	8,823E-12	41-1	0,0375
41	0,075	REINTSUP	9,055E-12	41-1	0,075
41	0	BALLAST	5,834E-12	41-1	0
41	0,0375	BALLAST	5,992E-12	41-1	0,0375
41	0,075	BALLAST	6,15E-12	41-1	0,075
41	0	STERRASX	14,2609	41-1	0
41	0,0375	STERRASX	14,7405	41-1	0,0375
41	0,075	STERRASX	15,2202	41-1	0,075
41	0	STERRADX	-14,2609	41-1	0
41	0,0375	STERRADX	-14,7405	41-1	0,0375
41	0,075	STERRADX	-15,2202	41-1	0,075
41	0	TERMP	7,747E-13	41-1	0
41	0,0375	TERMP	8,016E-13	41-1	0,0375
41	0,075	TERMP	8,285E-13	41-1	0,075
41	0	TERMN	-2,412E-12	41-1	0
41	0,0375	TERMN	-2,495E-12	41-1	0,0375
41	0,075	TERMN	-2,579E-12	41-1	0,075
41	0	GRADTP	6,307E-14	41-1	0
41	0,0375	GRADTP	6,499E-14	41-1	0,0375
41	0,075	GRADTP	6,691E-14	41-1	0,075
41	0	GRADTN	-6,307E-14	41-1	0
41	0,0375	GRADTN	-6,499E-14	41-1	0,0375
41	0,075	GRADTN	-6,691E-14	41-1	0,075
41	0	LM71C	2,467E-11	41-1	0
41	0,0375	LM71C	2,534E-11	41-1	0,0375
41	0,075	LM71C	2,6E-11	41-1	0,075
41	0	LM71SX	-1,8099	41-1	0
41	0,0375	LM71SX	-1,7883	41-1	0,0375
41	0,075	LM71SX	-1,7666	41-1	0,075
41	0	LM71DX	1,8099	41-1	0
41	0,0375	LM71DX	1,7883	41-1	0,0375
41	0,075	LM71DX	1,7666	41-1	0,075
41	0	STLM71	13,8254	41-1	0
41	0,0375	STLM71	14,2935	41-1	0,0375
41	0,075	STLM71	14,7616	41-1	0,075
41	0	AVVLM71	16,1047	41-1	0
41	0,0375	AVVLM71	16,6728	41-1	0,0375
41	0,075	AVVLM71	17,2408	41-1	0,075
41	0	SW2	2,032E-11	41-1	0
41	0,0375	SW2	2,087E-11	41-1	0,0375
41	0,075	SW2	2,142E-11	41-1	0,075
41	0	STSW2	11,3901	41-1	0
41	0,0375	STSW2	11,7758	41-1	0,0375
41	0,075	STSW2	12,1615	41-1	0,075
41	0	FRENSW2	17,0764	41-1	0
41	0,0375	FRENSW2	17,6788	41-1	0,0375
41	0,075	FRENSW2	18,2811	41-1	0,075
41	0	SERP	0	41-1	0
41	0,0375	SERP	0	41-1	0,0375
41	0,075	SERP	0	41-1	0,075
41	0	INCRTER	16,1009	41-1	0
41	0,0375	INCRTER	16,646	41-1	0,0375
41	0,075	INCRTER	17,1912	41-1	0,075
41	0	LM71SISO	5,7665	41-1	0
41	0,0375	LM71SISO	5,9699	41-1	0,0375
41	0,075	LM71SISO	6,1733	41-1	0,075
41	0	SW2SISO	4,747	41-1	0
41	0,0375	SW2SISO	4,9144	41-1	0,0375
41	0,075	SW2SISO	5,0819	41-1	0,075
41	0	SISMAO	22,7771	41-1	0
41	0,0375	SISMAO	23,64	41-1	0,0375
41	0,075	SISMAO	24,5058	41-1	0,075
41	0	LM71SVA	-7,333E-13	41-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
190 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
41	0,0375	LM71SVA	-7,532E-13	41-1	0,0375
41	0,075	LM71SVA	-7,73E-13	41-1	0,075
41	0	SW2SVA	-6,037E-13	41-1	0
41	0,0375	SW2SVA	-6,201E-13	41-1	0,0375
41	0,075	SW2SVA	-6,364E-13	41-1	0,075
41	0	SISMAVA	-3,652E-12	41-1	0
41	0,0375	SISMAVA	-3,751E-12	41-1	0,0375
41	0,075	SISMAVA	-3,85E-12	41-1	0,075
41	0	LM71SVB	7,333E-13	41-1	0
41	0,0375	LM71SVB	7,532E-13	41-1	0,0375
41	0,075	LM71SVB	7,73E-13	41-1	0,075
41	0	SW2SVB	6,037E-13	41-1	0
41	0,0375	SW2SVB	6,201E-13	41-1	0,0375
41	0,075	SW2SVB	6,364E-13	41-1	0,075
41	0	SISMAVB	3,652E-12	41-1	0
41	0,0375	SISMAVB	3,751E-12	41-1	0,0375
41	0,075	SISMAVB	3,85E-12	41-1	0,075
42	0	PP	-3,4008	42-1	0
42	0,0375	PP	-3,3128	42-1	0,0375
42	0,075	PP	-3,2248	42-1	0,075
42	0	REINTSUP	-1,2817	42-1	0
42	0,0375	REINTSUP	-1,2782	42-1	0,0375
42	0,075	REINTSUP	-1,2747	42-1	0,075
42	0	BALLAST	-0,8706	42-1	0
42	0,0375	BALLAST	-0,8682	42-1	0,0375
42	0,075	BALLAST	-0,8658	42-1	0,075
42	0	STERRASX	5,8131	42-1	0
42	0,0375	STERRASX	5,5728	42-1	0,0375
42	0,075	STERRASX	5,3326	42-1	0,075
42	0	STERRADX	-11,6086	42-1	0
42	0,0375	STERRADX	-10,2447	42-1	0,0375
42	0,075	STERRADX	-8,9293	42-1	0,075
42	0	TERMP	1,1753	42-1	0
42	0,0375	TERMP	1,1338	42-1	0,0375
42	0,075	TERMP	1,0923	42-1	0,075
42	0	TERMN	-3,5259	42-1	0
42	0,0375	TERMN	-3,4014	42-1	0,0375
42	0,075	TERMN	-3,277	42-1	0,075
42	0	GRADTP	-2,9115	42-1	0
42	0,0375	GRADTP	-2,7481	42-1	0,0375
42	0,075	GRADTP	-2,5846	42-1	0,075
42	0	GRADTN	2,9115	42-1	0
42	0,0375	GRADTN	2,7481	42-1	0,0375
42	0,075	GRADTN	2,5846	42-1	0,075
42	0	LM71C	-3,6808	42-1	0
42	0,0375	LM71C	-3,6707	42-1	0,0375
42	0,075	LM71C	-3,6605	42-1	0,075
42	0	LM71SX	-0,0345	42-1	0
42	0,0375	LM71SX	-0,0186	42-1	0,0375
42	0,075	LM71SX	-0,0027	42-1	0,075
42	0	LM71DX	-3,6463	42-1	0
42	0,0375	LM71DX	-3,6521	42-1	0,0375
42	0,075	LM71DX	-3,6578	42-1	0,075
42	0	STLM71	5,6726	42-1	0
42	0,0375	STLM71	5,4392	42-1	0,0375
42	0,075	STLM71	5,2057	42-1	0,075
42	0	AVVLM71	7,0969	42-1	0
42	0,0375	AVVLM71	6,8122	42-1	0,0375
42	0,075	AVVLM71	6,5275	42-1	0,075
42	0	SW2	-3,0314	42-1	0
42	0,0375	SW2	-3,0231	42-1	0,0375
42	0,075	SW2	-3,0148	42-1	0,075
42	0	STSW2	4,6734	42-1	0
42	0,0375	STSW2	4,4811	42-1	0,0375
42	0,075	STSW2	4,2888	42-1	0,075
42	0	FRENSW2	7,5251	42-1	0
42	0,0375	FRENSW2	7,2232	42-1	0,0375
42	0,075	FRENSW2	6,9214	42-1	0,075

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
191 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
42	0	SERP	0	42-1	0
42	0,0375	SERP	0	42-1	0,0375
42	0,075	SERP	0	42-1	0,075
42	0	INCRTER	6,6062	42-1	0
42	0,0375	INCRTER	6,3344	42-1	0,0375
42	0,075	INCRTER	6,0625	42-1	0,075
42	0	LM71SISO	2,5411	42-1	0
42	0,0375	LM71SISO	2,4392	42-1	0,0375
42	0,075	LM71SISO	2,3373	42-1	0,075
42	0	SW2SISO	2,0919	42-1	0
42	0,0375	SW2SISO	2,0079	42-1	0,0375
42	0,075	SW2SISO	1,924	42-1	0,075
42	0	SISMAO	10,3066	42-1	0
42	0,0375	SISMAO	9,8328	42-1	0,0375
42	0,075	SISMAO	9,3619	42-1	0,075
42	0	LM71SVA	0,1094	42-1	0
42	0,0375	LM71SVA	0,1091	42-1	0,0375
42	0,075	LM71SVA	0,1088	42-1	0,075
42	0	SW2SVA	0,0901	42-1	0
42	0,0375	SW2SVA	0,0898	42-1	0,0375
42	0,075	SW2SVA	0,0896	42-1	0,075
42	0	SISMAVA	0,8251	42-1	0
42	0,0375	SISMAVA	0,8113	42-1	0,0375
42	0,075	SISMAVA	0,7974	42-1	0,075
42	0	LM71SVB	-0,1094	42-1	0
42	0,0375	LM71SVB	-0,1091	42-1	0,0375
42	0,075	LM71SVB	-0,1088	42-1	0,075
42	0	SW2SVB	-0,0901	42-1	0
42	0,0375	SW2SVB	-0,0898	42-1	0,0375
42	0,075	SW2SVB	-0,0896	42-1	0,075
42	0	SISMAVB	-0,8251	42-1	0
42	0,0375	SISMAVB	-0,8113	42-1	0,0375
42	0,075	SISMAVB	-0,7974	42-1	0,075
43	0	PP	3,2248	43-1	0
43	0,25	PP	2,6382	43-1	0,25
43	0,5	PP	2,0516	43-1	0,5
43	0	REINTSUP	1,2747	43-1	0
43	0,25	REINTSUP	1,2512	43-1	0,25
43	0,5	REINTSUP	1,2277	43-1	0,5
43	0	BALLAST	0,8658	43-1	0
43	0,25	BALLAST	0,8499	43-1	0,25
43	0,5	BALLAST	0,8339	43-1	0,5
43	0	STERRASX	8,9293	43-1	0
43	0,25	STERRASX	1,3642	43-1	0,25
43	0,5	STERRASX	-4,2023	43-1	0,5
43	0	STERRADX	-5,3326	43-1	0
43	0,25	STERRADX	-3,7309	43-1	0,25
43	0,5	STERRADX	-2,1293	43-1	0,5
43	0	TERMP	-1,0923	43-1	0
43	0,25	TERMP	-0,8157	43-1	0,25
43	0,5	TERMP	-0,5391	43-1	0,5
43	0	TERMN	3,277	43-1	0
43	0,25	TERMN	2,4471	43-1	0,25
43	0,5	TERMN	1,6172	43-1	0,5
43	0	GRADTP	2,5846	43-1	0
43	0,25	GRADTP	1,495	43-1	0,25
43	0,5	GRADTP	0,4054	43-1	0,5
43	0	GRADTN	-2,5846	43-1	0
43	0,25	GRADTN	-1,495	43-1	0,25
43	0,5	GRADTN	-0,4054	43-1	0,5
43	0	LM71C	3,6605	43-1	0
43	0,25	LM71C	3,593	43-1	0,25
43	0,5	LM71C	3,5255	43-1	0,5
43	0	LM71SX	3,6578	43-1	0
43	0,25	LM71SX	3,6962	43-1	0,25
43	0,5	LM71SX	3,7346	43-1	0,5
43	0	LM71DX	0,0027	43-1	0
43	0,25	LM71DX	-0,1032	43-1	0,25

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
192 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
43	0,5	LM71DX	-0,209	43-1	0,5
43	0	STLM71	8,5257	43-1	0
43	0,25	STLM71	2,2525	43-1	0,25
43	0,5	STLM71	-2,6688	43-1	0,5
43	0	AVVLM71	6,5275	43-1	0
43	0,25	AVVLM71	4,6298	43-1	0,25
43	0,5	AVVLM71	2,7321	43-1	0,5
43	0	SW2	3,0148	43-1	0
43	0,25	SW2	2,9592	43-1	0,25
43	0,5	SW2	2,9036	43-1	0,5
43	0	STSW2	7,0239	43-1	0
43	0,25	STSW2	1,8557	43-1	0,25
43	0,5	STSW2	-2,1987	43-1	0,5
43	0	FRENSW2	6,9214	43-1	0
43	0,25	FRENSW2	4,9092	43-1	0,25
43	0,5	FRENSW2	2,8969	43-1	0,5
43	0	SERP	0	43-1	0
43	0,25	SERP	0	43-1	0,25
43	0,5	SERP	0	43-1	0,5
43	0	INCRTER	9,9289	43-1	0
43	0,25	INCRTER	2,6232	43-1	0,25
43	0,5	INCRTER	-3,108	43-1	0,5
43	0	LM71SISO	2,3373	43-1	0
43	0,25	LM71SISO	1,6578	43-1	0,25
43	0,5	LM71SISO	0,9783	43-1	0,5
43	0	SW2SISO	1,924	43-1	0
43	0,25	SW2SISO	1,3647	43-1	0,25
43	0,5	SW2SISO	0,8053	43-1	0,5
43	0	SISMAO	9,3619	43-1	0
43	0,25	SISMAO	6,2954	43-1	0,25
43	0,5	SISMAO	3,3557	43-1	0,5
43	0	LM71SVA	-0,1088	43-1	0
43	0,25	LM71SVA	-0,1068	43-1	0,25
43	0,5	LM71SVA	-0,1048	43-1	0,5
43	0	SW2SVA	-0,0896	43-1	0
43	0,25	SW2SVA	-0,0879	43-1	0,25
43	0,5	SW2SVA	-0,0863	43-1	0,5
43	0	SISMAVA	-0,7974	43-1	0
43	0,25	SISMAVA	-0,7048	43-1	0,25
43	0,5	SISMAVA	-0,6122	43-1	0,5
43	0	LM71SVB	0,1088	43-1	0
43	0,25	LM71SVB	0,1068	43-1	0,25
43	0,5	LM71SVB	0,1048	43-1	0,5
43	0	SW2SVB	0,0896	43-1	0
43	0,25	SW2SVB	0,0879	43-1	0,25
43	0,5	SW2SVB	0,0863	43-1	0,5
43	0	SISMAVB	0,7974	43-1	0
43	0,25	SISMAVB	0,7048	43-1	0,25
43	0,5	SISMAVB	0,6122	43-1	0,5
44	0	PP	8,37E-12	44-1	0
44	0,25	PP	1,073E-11	44-1	0,25
44	0,5	PP	1,31E-11	44-1	0,5
44	0	REINTSUP	5,49E-12	44-1	0
44	0,25	REINTSUP	7,04E-12	44-1	0,25
44	0,5	REINTSUP	8,59E-12	44-1	0,5
44	0	BALLAST	3,729E-12	44-1	0
44	0,25	BALLAST	4,782E-12	44-1	0,25
44	0,5	BALLAST	5,834E-12	44-1	0,5
44	0	STERRASX	7,8655	44-1	0
44	0,25	STERRASX	11,0632	44-1	0,25
44	0,5	STERRASX	14,2609	44-1	0,5
44	0	STERRADX	-7,8655	44-1	0
44	0,25	STERRADX	-11,0632	44-1	0,25
44	0,5	STERRADX	-14,2609	44-1	0,5
44	0	TERMP	4,162E-13	44-1	0
44	0,25	TERMP	5,954E-13	44-1	0,25
44	0,5	TERMP	7,747E-13	44-1	0,5
44	0	TERMN	-1,295E-12	44-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
44	0,25	TERMN	-1,853E-12	44-1	0,25
44	0,5	TERMN	-2,412E-12	44-1	0,5
44	0	GRADTP	3,748E-14	44-1	0
44	0,25	GRADTP	5,028E-14	44-1	0,25
44	0,5	GRADTP	6,307E-14	44-1	0,5
44	0	GRADTN	-3,748E-14	44-1	0
44	0,25	GRADTN	-5,028E-14	44-1	0,25
44	0,5	GRADTN	-6,307E-14	44-1	0,5
44	0	LM71C	1,577E-11	44-1	0
44	0,25	LM71C	2,022E-11	44-1	0,25
44	0,5	LM71C	2,467E-11	44-1	0,5
44	0	LM71SX	-2,0984	44-1	0
44	0,25	LM71SX	-1,9541	44-1	0,25
44	0,5	LM71SX	-1,8099	44-1	0,5
44	0	LM71DX	2,0984	44-1	0
44	0,25	LM71DX	1,9541	44-1	0,25
44	0,5	LM71DX	1,8099	44-1	0,5
44	0	STLM71	7,5838	44-1	0
44	0,25	STLM71	10,7046	44-1	0,25
44	0,5	STLM71	13,8254	44-1	0,5
44	0	AVVLM71	8,5306	44-1	0
44	0,25	AVVLM71	12,3177	44-1	0,25
44	0,5	AVVLM71	16,1047	44-1	0,5
44	0	SW2	1,298E-11	44-1	0
44	0,25	SW2	1,665E-11	44-1	0,25
44	0,5	SW2	2,032E-11	44-1	0,5
44	0	STSW2	6,248	44-1	0
44	0,25	STSW2	8,8191	44-1	0,25
44	0,5	STSW2	11,3901	44-1	0,5
44	0	FRENSW2	9,0454	44-1	0
44	0,25	FRENSW2	13,0609	44-1	0,25
44	0,5	FRENSW2	17,0764	44-1	0,5
44	0	SERP	0	44-1	0
44	0,25	SERP	0	44-1	0,25
44	0,5	SERP	0	44-1	0,5
44	0	INCRTER	8,832	44-1	0
44	0,25	INCRTER	12,4664	44-1	0,25
44	0,5	INCRTER	16,1009	44-1	0,5
44	0	LM71SISO	3,0545	44-1	0
44	0,25	LM71SISO	4,4105	44-1	0,25
44	0,5	LM71SISO	5,7665	44-1	0,5
44	0	SW2SISO	2,5145	44-1	0
44	0,25	SW2SISO	3,6307	44-1	0,25
44	0,5	SW2SISO	4,747	44-1	0,5
44	0	SISMAO	11,544	44-1	0
44	0,25	SISMAO	17,0971	44-1	0,25
44	0,5	SISMAO	22,7771	44-1	0,5
44	0	LM71SVA	-4,687E-13	44-1	0
44	0,25	LM71SVA	-6,01E-13	44-1	0,25
44	0,5	LM71SVA	-7,333E-13	44-1	0,5
44	0	SW2SVA	-3,858E-13	44-1	0
44	0,25	SW2SVA	-4,948E-13	44-1	0,25
44	0,5	SW2SVA	-6,037E-13	44-1	0,5
44	0	SISMAVA	-2,334E-12	44-1	0
44	0,25	SISMAVA	-2,993E-12	44-1	0,25
44	0,5	SISMAVA	-3,652E-12	44-1	0,5
44	0	LM71SVB	4,687E-13	44-1	0
44	0,25	LM71SVB	6,01E-13	44-1	0,25
44	0,5	LM71SVB	7,333E-13	44-1	0,5
44	0	SW2SVB	3,858E-13	44-1	0
44	0,25	SW2SVB	4,948E-13	44-1	0,25
44	0,5	SW2SVB	6,037E-13	44-1	0,5
44	0	SISMAVB	2,334E-12	44-1	0
44	0,25	SISMAVB	2,993E-12	44-1	0,25
44	0,5	SISMAVB	3,652E-12	44-1	0,5
45	0	PP	-3,2248	45-1	0
45	0,25	PP	-2,6382	45-1	0,25
45	0,5	PP	-2,0516	45-1	0,5

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
194 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
45	0	REINTSUP	-1,2747	45-1	0
45	0,25	REINTSUP	-1,2512	45-1	0,25
45	0,5	REINTSUP	-1,2277	45-1	0,5
45	0	BALLAST	-0,8658	45-1	0
45	0,25	BALLAST	-0,8499	45-1	0,25
45	0,5	BALLAST	-0,8339	45-1	0,5
45	0	STERRASX	5,3326	45-1	0
45	0,25	STERRASX	3,7309	45-1	0,25
45	0,5	STERRASX	2,1293	45-1	0,5
45	0	STERRADX	-8,9293	45-1	0
45	0,25	STERRADX	-1,3642	45-1	0,25
45	0,5	STERRADX	4,2023	45-1	0,5
45	0	TERMP	1,0923	45-1	0
45	0,25	TERMP	0,8157	45-1	0,25
45	0,5	TERMP	0,5391	45-1	0,5
45	0	TERMN	-3,277	45-1	0
45	0,25	TERMN	-2,4471	45-1	0,25
45	0,5	TERMN	-1,6172	45-1	0,5
45	0	GRADTP	-2,5846	45-1	0
45	0,25	GRADTP	-1,495	45-1	0,25
45	0,5	GRADTP	-0,4054	45-1	0,5
45	0	GRADTN	2,5846	45-1	0
45	0,25	GRADTN	1,495	45-1	0,25
45	0,5	GRADTN	0,4054	45-1	0,5
45	0	LM71C	-3,6605	45-1	0
45	0,25	LM71C	-3,593	45-1	0,25
45	0,5	LM71C	-3,5255	45-1	0,5
45	0	LM71SX	-0,0027	45-1	0
45	0,25	LM71SX	0,1032	45-1	0,25
45	0,5	LM71SX	0,209	45-1	0,5
45	0	LM71DX	-3,6578	45-1	0
45	0,25	LM71DX	-3,6962	45-1	0,25
45	0,5	LM71DX	-3,7346	45-1	0,5
45	0	STLM71	5,2057	45-1	0
45	0,25	STLM71	3,6495	45-1	0,25
45	0,5	STLM71	2,0932	45-1	0,5
45	0	AVVLM71	6,5275	45-1	0
45	0,25	AVVLM71	4,6298	45-1	0,25
45	0,5	AVVLM71	2,7321	45-1	0,5
45	0	SW2	-3,0148	45-1	0
45	0,25	SW2	-2,9592	45-1	0,25
45	0,5	SW2	-2,9036	45-1	0,5
45	0	STSW2	4,2888	45-1	0
45	0,25	STSW2	3,0066	45-1	0,25
45	0,5	STSW2	1,7245	45-1	0,5
45	0	FRENSW2	6,9214	45-1	0
45	0,25	FRENSW2	4,9092	45-1	0,25
45	0,5	FRENSW2	2,8969	45-1	0,5
45	0	SERP	0	45-1	0
45	0,25	SERP	0	45-1	0,25
45	0,5	SERP	0	45-1	0,5
45	0	INCRTER	6,0625	45-1	0
45	0,25	INCRTER	4,2501	45-1	0,25
45	0,5	INCRTER	2,4378	45-1	0,5
45	0	LM71SISO	2,3373	45-1	0
45	0,25	LM71SISO	1,6578	45-1	0,25
45	0,5	LM71SISO	0,9783	45-1	0,5
45	0	SW2SISO	1,924	45-1	0
45	0,25	SW2SISO	1,3647	45-1	0,25
45	0,5	SW2SISO	0,8053	45-1	0,5
45	0	SISMAO	9,3619	45-1	0
45	0,25	SISMAO	6,2954	45-1	0,25
45	0,5	SISMAO	3,3557	45-1	0,5
45	0	LM71SVA	0,1088	45-1	0
45	0,25	LM71SVA	0,1068	45-1	0,25
45	0,5	LM71SVA	0,1048	45-1	0,5
45	0	SW2SVA	0,0896	45-1	0
45	0,25	SW2SVA	0,0879	45-1	0,25

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
195 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
45	0,5	SW2SVA	0,0863	45-1	0,5
45	0	SISMAVA	0,7974	45-1	0
45	0,25	SISMAVA	0,7048	45-1	0,25
45	0,5	SISMAVA	0,6122	45-1	0,5
45	0	LM71SVB	-0,1088	45-1	0
45	0,25	LM71SVB	-0,1068	45-1	0,25
45	0,5	LM71SVB	-0,1048	45-1	0,5
45	0	SW2SVB	-0,0896	45-1	0
45	0,25	SW2SVB	-0,0879	45-1	0,25
45	0,5	SW2SVB	-0,0863	45-1	0,5
45	0	SISMAVB	-0,7974	45-1	0
45	0,25	SISMAVB	-0,7048	45-1	0,25
45	0,5	SISMAVB	-0,6122	45-1	0,5
46	0	PP	2,0516	46-1	0
46	0,25	PP	1,465	46-1	0,25
46	0,5	PP	0,8784	46-1	0,5
46	0	REINTSUP	1,2277	46-1	0
46	0,25	REINTSUP	1,2042	46-1	0,25
46	0,5	REINTSUP	1,1807	46-1	0,5
46	0	BALLAST	0,8339	46-1	0
46	0,25	BALLAST	0,8179	46-1	0,25
46	0,5	BALLAST	0,802	46-1	0,5
46	0	STERRASX	-4,2023	46-1	0
46	0,25	STERRASX	-7,9032	46-1	0,25
46	0,5	STERRASX	-9,8719	46-1	0,5
46	0	STERRADX	-2,1293	46-1	0
46	0,25	STERRADX	-0,5277	46-1	0,25
46	0,5	STERRADX	1,0739	46-1	0,5
46	0	TERMP	-0,5391	46-1	0
46	0,25	TERMP	-0,2624	46-1	0,25
46	0,5	TERMP	0,0142	46-1	0,5
46	0	TERMN	1,6172	46-1	0
46	0,25	TERMN	0,7873	46-1	0,25
46	0,5	TERMN	-0,0425	46-1	0,5
46	0	GRADTP	0,4054	46-1	0
46	0,25	GRADTP	-0,6843	46-1	0,25
46	0,5	GRADTP	-1,7739	46-1	0,5
46	0	GRADTN	-0,4054	46-1	0
46	0,25	GRADTN	0,6843	46-1	0,25
46	0,5	GRADTN	1,7739	46-1	0,5
46	0	LM71C	3,5255	46-1	0
46	0,25	LM71C	3,458	46-1	0,25
46	0,5	LM71C	3,3905	46-1	0,5
46	0	LM71SX	3,7346	46-1	0
46	0,25	LM71SX	3,7729	46-1	0,25
46	0,5	LM71SX	3,8113	46-1	0,5
46	0	LM71DX	-0,209	46-1	0
46	0,25	LM71DX	-0,3149	46-1	0,25
46	0,5	LM71DX	-0,4208	46-1	0,5
46	0	STLM71	-2,6688	46-1	0
46	0,25	STLM71	-6,2382	46-1	0,25
46	0,5	STLM71	-8,4558	46-1	0,5
46	0	AVVLM71	2,7321	46-1	0
46	0,25	AVVLM71	0,8344	46-1	0,25
46	0,5	AVVLM71	-1,0634	46-1	0,5
46	0	SW2	2,9036	46-1	0
46	0,25	SW2	2,848	46-1	0,25
46	0,5	SW2	2,7924	46-1	0,5
46	0	STSW2	-2,1987	46-1	0
46	0,25	STSW2	-5,1394	46-1	0,25
46	0,5	STSW2	-6,9663	46-1	0,5
46	0	FRENSW2	2,8969	46-1	0
46	0,25	FRENSW2	0,8847	46-1	0,25
46	0,5	FRENSW2	-1,1275	46-1	0,5
46	0	SERP	0	46-1	0
46	0,25	SERP	0	46-1	0,25
46	0,5	SERP	0	46-1	0,5
46	0	INCRTER	-3,108	46-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
46	0,25	INCRTER	-7,2649	46-1	0,25
46	0,5	INCRTER	-9,8475	46-1	0,5
46	0	LM71SISO	0,9783	46-1	0
46	0,25	LM71SISO	0,2987	46-1	0,25
46	0,5	LM71SISO	-0,3808	46-1	0,5
46	0	SW2SISO	0,8053	46-1	0
46	0,25	SW2SISO	0,2459	46-1	0,25
46	0,5	SW2SISO	-0,3134	46-1	0,5
46	0	SISMAO	3,3557	46-1	0
46	0,25	SISMAO	0,5429	46-1	0,25
46	0,5	SISMAO	-2,143	46-1	0,5
46	0	LM71SVA	-0,1048	46-1	0
46	0,25	LM71SVA	-0,1028	46-1	0,25
46	0,5	LM71SVA	-0,1008	46-1	0,5
46	0	SW2SVA	-0,0863	46-1	0
46	0,25	SW2SVA	-0,0846	46-1	0,25
46	0,5	SW2SVA	-0,083	46-1	0,5
46	0	SISMAVA	-0,6122	46-1	0
46	0,25	SISMAVA	-0,5197	46-1	0,25
46	0,5	SISMAVA	-0,4271	46-1	0,5
46	0	LM71SVB	0,1048	46-1	0
46	0,25	LM71SVB	0,1028	46-1	0,25
46	0,5	LM71SVB	0,1008	46-1	0,5
46	0	SW2SVB	0,0863	46-1	0
46	0,25	SW2SVB	0,0846	46-1	0,25
46	0,5	SW2SVB	0,083	46-1	0,5
46	0	SISMAVB	0,6122	46-1	0
46	0,25	SISMAVB	0,5197	46-1	0,25
46	0,5	SISMAVB	0,4271	46-1	0,5
47	0	PP	3,641E-12	47-1	0
47	0,25	PP	6,006E-12	47-1	0,25
47	0,5	PP	8,37E-12	47-1	0,5
47	0	REINTSUP	2,39E-12	47-1	0
47	0,25	REINTSUP	3,94E-12	47-1	0,25
47	0,5	REINTSUP	5,49E-12	47-1	0,5
47	0	BALLAST	1,623E-12	47-1	0
47	0,25	BALLAST	2,676E-12	47-1	0,25
47	0,5	BALLAST	3,729E-12	47-1	0,5
47	0	STERRASX	1,4702	47-1	0
47	0,25	STERRASX	4,6679	47-1	0,25
47	0,5	STERRASX	7,8655	47-1	0,5
47	0	STERRADX	-1,4702	47-1	0
47	0,25	STERRADX	-4,6679	47-1	0,25
47	0,5	STERRADX	-7,8655	47-1	0,5
47	0	TERMP	5,766E-14	47-1	0
47	0,25	TERMP	2,369E-13	47-1	0,25
47	0,5	TERMP	4,162E-13	47-1	0,5
47	0	TERMN	-1,775E-13	47-1	0
47	0,25	TERMN	-7,36E-13	47-1	0,25
47	0,5	TERMN	-1,295E-12	47-1	0,5
47	0	GRADTP	1,19E-14	47-1	0
47	0,25	GRADTP	2,469E-14	47-1	0,25
47	0,5	GRADTP	3,748E-14	47-1	0,5
47	0	GRADTN	-1,19E-14	47-1	0
47	0,25	GRADTN	-2,469E-14	47-1	0,25
47	0,5	GRADTN	-3,748E-14	47-1	0,5
47	0	LM71C	6,862E-12	47-1	0
47	0,25	LM71C	1,131E-11	47-1	0,25
47	0,5	LM71C	1,577E-11	47-1	0,5
47	0	LM71SX	-2,3869	47-1	0
47	0,25	LM71SX	-2,2426	47-1	0,25
47	0,5	LM71SX	-2,0984	47-1	0,5
47	0	LM71DX	2,3869	47-1	0
47	0,25	LM71DX	2,2426	47-1	0,25
47	0,5	LM71DX	2,0984	47-1	0,5
47	0	STLM71	1,3423	47-1	0
47	0,25	STLM71	4,4631	47-1	0,25
47	0,5	STLM71	7,5838	47-1	0,5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
47	0	AVVLM71	0,9566	47-1	0
47	0,25	AVVLM71	4,7436	47-1	0,25
47	0,5	AVVLM71	8,5306	47-1	0,5
47	0	SW2	5,652E-12	47-1	0
47	0,25	SW2	9,318E-12	47-1	0,25
47	0,5	SW2	1,298E-11	47-1	0,5
47	0	STSW2	1,1058	47-1	0
47	0,25	STSW2	3,6769	47-1	0,25
47	0,5	STSW2	6,248	47-1	0,5
47	0	FRENSW2	1,0143	47-1	0
47	0,25	FRENSW2	5,0298	47-1	0,25
47	0,5	FRENSW2	9,0454	47-1	0,5
47	0	SERP	0	47-1	0
47	0,25	SERP	0	47-1	0,25
47	0,5	SERP	0	47-1	0,5
47	0	INCRTER	1,5632	47-1	0
47	0,25	INCRTER	5,1976	47-1	0,25
47	0,5	INCRTER	8,832	47-1	0,5
47	0	LM71SISO	0,3425	47-1	0
47	0,25	LM71SISO	1,6985	47-1	0,25
47	0,5	LM71SISO	3,0545	47-1	0,5
47	0	SW2SISO	0,282	47-1	0
47	0,25	SW2SISO	1,3982	47-1	0,25
47	0,5	SW2SISO	2,5145	47-1	0,5
47	0	SISMAO	0,8185	47-1	0
47	0,25	SISMAO	6,1178	47-1	0,25
47	0,5	SISMAO	11,544	47-1	0,5
47	0	LM71SVA	-2,04E-13	47-1	0
47	0,25	LM71SVA	-3,364E-13	47-1	0,25
47	0,5	LM71SVA	-4,687E-13	47-1	0,5
47	0	SW2SVA	-1,68E-13	47-1	0
47	0,25	SW2SVA	-2,769E-13	47-1	0,25
47	0,5	SW2SVA	-3,858E-13	47-1	0,5
47	0	SISMAVA	-1,016E-12	47-1	0
47	0,25	SISMAVA	-1,675E-12	47-1	0,25
47	0,5	SISMAVA	-2,334E-12	47-1	0,5
47	0	LM71SVB	2,04E-13	47-1	0
47	0,25	LM71SVB	3,364E-13	47-1	0,25
47	0,5	LM71SVB	4,687E-13	47-1	0,5
47	0	SW2SVB	1,68E-13	47-1	0
47	0,25	SW2SVB	2,769E-13	47-1	0,25
47	0,5	SW2SVB	3,858E-13	47-1	0,5
47	0	SISMAVB	1,016E-12	47-1	0
47	0,25	SISMAVB	1,675E-12	47-1	0,25
47	0,5	SISMAVB	2,334E-12	47-1	0,5
48	0	PP	-2,0516	48-1	0
48	0,25	PP	-1,465	48-1	0,25
48	0,5	PP	-0,8784	48-1	0,5
48	0	REINTSUP	-1,2277	48-1	0
48	0,25	REINTSUP	-1,2042	48-1	0,25
48	0,5	REINTSUP	-1,1807	48-1	0,5
48	0	BALLAST	-0,8339	48-1	0
48	0,25	BALLAST	-0,8179	48-1	0,25
48	0,5	BALLAST	-0,802	48-1	0,5
48	0	STERRASX	2,1293	48-1	0
48	0,25	STERRASX	0,5277	48-1	0,25
48	0,5	STERRASX	-1,0739	48-1	0,5
48	0	STERRADX	4,2023	48-1	0
48	0,25	STERRADX	7,9032	48-1	0,25
48	0,5	STERRADX	9,8719	48-1	0,5
48	0	TERMP	0,5391	48-1	0
48	0,25	TERMP	0,2624	48-1	0,25
48	0,5	TERMP	-0,0142	48-1	0,5
48	0	TERMN	-1,6172	48-1	0
48	0,25	TERMN	-0,7873	48-1	0,25
48	0,5	TERMN	0,0425	48-1	0,5
48	0	GRADTP	-0,4054	48-1	0
48	0,25	GRADTP	0,6843	48-1	0,25

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
48	0,5	GRADTP	1,7739	48-1	0,5
48	0	GRADTN	0,4054	48-1	0
48	0,25	GRADTN	-0,6843	48-1	0,25
48	0,5	GRADTN	-1,7739	48-1	0,5
48	0	LM71C	-3,5255	48-1	0
48	0,25	LM71C	-3,458	48-1	0,25
48	0,5	LM71C	-3,3905	48-1	0,5
48	0	LM71SX	0,209	48-1	0
48	0,25	LM71SX	0,3149	48-1	0,25
48	0,5	LM71SX	0,4208	48-1	0,5
48	0	LM71DX	-3,7346	48-1	0
48	0,25	LM71DX	-3,7729	48-1	0,25
48	0,5	LM71DX	-3,8113	48-1	0,5
48	0	STLM71	2,0932	48-1	0
48	0,25	STLM71	0,537	48-1	0,25
48	0,5	STLM71	-1,0192	48-1	0,5
48	0	AVVLM71	2,7321	48-1	0
48	0,25	AVVLM71	0,8344	48-1	0,25
48	0,5	AVVLM71	-1,0634	48-1	0,5
48	0	SW2	-2,9036	48-1	0
48	0,25	SW2	-2,848	48-1	0,25
48	0,5	SW2	-2,7924	48-1	0,5
48	0	STSW2	1,7245	48-1	0
48	0,25	STSW2	0,4424	48-1	0,25
48	0,5	STSW2	-0,8397	48-1	0,5
48	0	FRENSW2	2,8969	48-1	0
48	0,25	FRENSW2	0,8847	48-1	0,25
48	0,5	FRENSW2	-1,1275	48-1	0,5
48	0	SERP	0	48-1	0
48	0,25	SERP	0	48-1	0,25
48	0,5	SERP	0	48-1	0,5
48	0	INCRTER	2,4378	48-1	0
48	0,25	INCRTER	0,6254	48-1	0,25
48	0,5	INCRTER	-1,187	48-1	0,5
48	0	LM71SISO	0,9783	48-1	0
48	0,25	LM71SISO	0,2987	48-1	0,25
48	0,5	LM71SISO	-0,3808	48-1	0,5
48	0	SW2SISO	0,8053	48-1	0
48	0,25	SW2SISO	0,2459	48-1	0,25
48	0,5	SW2SISO	-0,3134	48-1	0,5
48	0	SISMAO	3,3557	48-1	0
48	0,25	SISMAO	0,5429	48-1	0,25
48	0,5	SISMAO	-2,143	48-1	0,5
48	0	LM71SVA	0,1048	48-1	0
48	0,25	LM71SVA	0,1028	48-1	0,25
48	0,5	LM71SVA	0,1008	48-1	0,5
48	0	SW2SVA	0,0863	48-1	0
48	0,25	SW2SVA	0,0846	48-1	0,25
48	0,5	SW2SVA	0,083	48-1	0,5
48	0	SISMAVA	0,6122	48-1	0
48	0,25	SISMAVA	0,5197	48-1	0,25
48	0,5	SISMAVA	0,4271	48-1	0,5
48	0	LM71SVB	-0,1048	48-1	0
48	0,25	LM71SVB	-0,1028	48-1	0,25
48	0,5	LM71SVB	-0,1008	48-1	0,5
48	0	SW2SVB	-0,0863	48-1	0
48	0,25	SW2SVB	-0,0846	48-1	0,25
48	0,5	SW2SVB	-0,083	48-1	0,5
48	0	SISMAVB	-0,6122	48-1	0
48	0,25	SISMAVB	-0,5197	48-1	0,25
48	0,5	SISMAVB	-0,4271	48-1	0,5
49	0	PP	0,8784	49-1	0
49	0,25	PP	0,2919	49-1	0,25
49	0,5	PP	-0,2947	49-1	0,5
49	0	REINTSUP	1,1807	49-1	0
49	0,25	REINTSUP	1,1572	49-1	0,25
49	0,5	REINTSUP	1,1337	49-1	0,5
49	0	BALLAST	0,802	49-1	0

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
199 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
49	0,25	BALLAST	0,786	49-1	0,25
49	0,5	BALLAST	0,77	49-1	0,5
49	0	STERRASX	-9,8719	49-1	0
49	0,25	STERRASX	-10,2415	49-1	0,25
49	0,5	STERRASX	-9,1452	49-1	0,5
49	0	STERRADX	1,0739	49-1	0
49	0,25	STERRADX	2,6756	49-1	0,25
49	0,5	STERRADX	4,2772	49-1	0,5
49	0	TERMP	0,0142	49-1	0
49	0,25	TERMP	0,2908	49-1	0,25
49	0,5	TERMP	0,5674	49-1	0,5
49	0	TERMN	-0,0425	49-1	0
49	0,25	TERMN	-0,8724	49-1	0,25
49	0,5	TERMN	-1,7023	49-1	0,5
49	0	GRADTP	-1,7739	49-1	0
49	0,25	GRADTP	-2,8635	49-1	0,25
49	0,5	GRADTP	-3,9532	49-1	0,5
49	0	GRADTN	1,7739	49-1	0
49	0,25	GRADTN	2,8635	49-1	0,25
49	0,5	GRADTN	3,9532	49-1	0,5
49	0	LM71C	3,3905	49-1	0
49	0,25	LM71C	3,323	49-1	0,25
49	0,5	LM71C	3,2555	49-1	0,5
49	0	LM71SX	3,8113	49-1	0
49	0,25	LM71SX	3,8497	49-1	0,25
49	0,5	LM71SX	3,8881	49-1	0,5
49	0	LM71DX	-0,4208	49-1	0
49	0,25	LM71DX	-0,5267	49-1	0,25
49	0,5	LM71DX	-0,6325	49-1	0,5
49	0	STLM71	-8,4558	49-1	0
49	0,25	STLM71	-9,3214	49-1	0,25
49	0,5	STLM71	-8,8352	49-1	0,5
49	0	AVVLM71	-1,0634	49-1	0
49	0,25	AVVLM71	-2,9611	49-1	0,25
49	0,5	AVVLM71	-4,8588	49-1	0,5
49	0	SW2	2,7924	49-1	0
49	0,25	SW2	2,7368	49-1	0,25
49	0,5	SW2	2,6812	49-1	0,5
49	0	STSW2	-6,9663	49-1	0
49	0,25	STSW2	-7,6795	49-1	0,25
49	0,5	STSW2	-7,2789	49-1	0,5
49	0	FRENSW2	-1,1275	49-1	0
49	0,25	FRENSW2	-3,1398	49-1	0,25
49	0,5	FRENSW2	-5,152	49-1	0,5
49	0	SERP	0	49-1	0
49	0,25	SERP	0	49-1	0,25
49	0,5	SERP	0	49-1	0,5
49	0	INCRTER	-9,8475	49-1	0
49	0,25	INCRTER	-10,8556	49-1	0,25
49	0,5	INCRTER	-10,2894	49-1	0,5
49	0	LM71SISO	-0,3808	49-1	0
49	0,25	LM71SISO	-1,0603	49-1	0,25
49	0,5	LM71SISO	-1,7398	49-1	0,5
49	0	SW2SISO	-0,3134	49-1	0
49	0,25	SW2SISO	-0,8728	49-1	0,25
49	0,5	SW2SISO	-1,4322	49-1	0,5
49	0	SISMAO	-2,143	49-1	0
49	0,25	SISMAO	-4,7021	49-1	0,25
49	0,5	SISMAO	-7,1343	49-1	0,5
49	0	LM71SVA	-0,1008	49-1	0
49	0,25	LM71SVA	-0,0988	49-1	0,25
49	0,5	LM71SVA	-0,0968	49-1	0,5
49	0	SW2SVA	-0,083	49-1	0
49	0,25	SW2SVA	-0,0813	49-1	0,25
49	0,5	SW2SVA	-0,0797	49-1	0,5
49	0	SISMAVA	-0,4271	49-1	0
49	0,25	SISMAVA	-0,3345	49-1	0,25
49	0,5	SISMAVA	-0,242	49-1	0,5

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
200 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
49	0	LM71SVB	0,1008	49-1	0
49	0,25	LM71SVB	0,0988	49-1	0,25
49	0,5	LM71SVB	0,0968	49-1	0,5
49	0	SW2SVB	0,083	49-1	0
49	0,25	SW2SVB	0,0813	49-1	0,25
49	0,5	SW2SVB	0,0797	49-1	0,5
49	0	SISMAVB	0,4271	49-1	0
49	0,25	SISMAVB	0,3345	49-1	0,25
49	0,5	SISMAVB	0,242	49-1	0,5
50	0	PP	-1,087E-12	50-1	0
50	0,25	PP	1,277E-12	50-1	0,25
50	0,5	PP	3,641E-12	50-1	0,5
50	0	REINTSUP	-7,101E-13	50-1	0
50	0,25	REINTSUP	8,399E-13	50-1	0,25
50	0,5	REINTSUP	2,39E-12	50-1	0,5
50	0	BALLAST	-4,825E-13	50-1	0
50	0,25	BALLAST	5,703E-13	50-1	0,25
50	0,5	BALLAST	1,623E-12	50-1	0,5
50	0	STERRASX	-4,9251	50-1	0
50	0,25	STERRASX	-1,7275	50-1	0,25
50	0,5	STERRASX	1,4702	50-1	0,5
50	0	STERRADX	4,9251	50-1	0
50	0,25	STERRADX	1,7275	50-1	0,25
50	0,5	STERRADX	-1,4702	50-1	0,5
50	0	TERMP	-3,009E-13	50-1	0
50	0,25	TERMP	-1,216E-13	50-1	0,25
50	0,5	TERMP	5,766E-14	50-1	0,5
50	0	TERMN	9,396E-13	50-1	0
50	0,25	TERMN	3,811E-13	50-1	0,25
50	0,5	TERMN	-1,775E-13	50-1	0,5
50	0	GRADTP	-1,369E-14	50-1	0
50	0,25	GRADTP	-8,971E-16	50-1	0,25
50	0,5	GRADTP	1,19E-14	50-1	0,5
50	0	GRADTN	1,369E-14	50-1	0
50	0,25	GRADTN	8,971E-16	50-1	0,25
50	0,5	GRADTN	-1,19E-14	50-1	0,5
50	0	LM71C	-2,041E-12	50-1	0
50	0,25	LM71C	2,41E-12	50-1	0,25
50	0,5	LM71C	6,862E-12	50-1	0,5
50	0	LM71SX	-2,6753	50-1	0
50	0,25	LM71SX	-2,5311	50-1	0,25
50	0,5	LM71SX	-2,3869	50-1	0,5
50	0	LM71DX	2,6753	50-1	0
50	0,25	LM71DX	2,5311	50-1	0,25
50	0,5	LM71DX	2,3869	50-1	0,5
50	0	STLM71	-4,8993	50-1	0
50	0,25	STLM71	-1,7785	50-1	0,25
50	0,5	STLM71	1,3423	50-1	0,5
50	0	AVVLM71	-6,6175	50-1	0
50	0,25	AVVLM71	-2,8305	50-1	0,25
50	0,5	AVVLM71	0,9566	50-1	0,5
50	0	SW2	-1,68E-12	50-1	0
50	0,25	SW2	1,986E-12	50-1	0,25
50	0,5	SW2	5,652E-12	50-1	0,5
50	0	STSW2	-4,0363	50-1	0
50	0,25	STSW2	-1,4652	50-1	0,25
50	0,5	STSW2	1,1058	50-1	0,5
50	0	FRENSW2	-7,0168	50-1	0
50	0,25	FRENSW2	-3,0013	50-1	0,25
50	0,5	FRENSW2	1,0143	50-1	0,5
50	0	SERP	0	50-1	0
50	0,25	SERP	0	50-1	0,25
50	0,5	SERP	0	50-1	0,5
50	0	INCRTER	-5,7056	50-1	0
50	0,25	INCRTER	-2,0712	50-1	0,25
50	0,5	INCRTER	1,5632	50-1	0,5
50	0	LM71SISO	-2,3695	50-1	0
50	0,25	LM71SISO	-1,0135	50-1	0,25

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
201 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
50	0,5	LM71SISO	0,3425	50-1	0,5
50	0	SW2SISO	-1,9506	50-1	0
50	0,25	SW2SISO	-0,8343	50-1	0,25
50	0,5	SW2SISO	0,282	50-1	0,5
50	0	SISMAO	-9,3996	50-1	0
50	0,25	SISMAO	-4,354	50-1	0,25
50	0,5	SISMAO	0,8185	50-1	0,5
50	0	LM71SVA	6,062E-14	50-1	0
50	0,25	LM71SVA	-7,17E-14	50-1	0,25
50	0,5	LM71SVA	-2,04E-13	50-1	0,5
50	0	SW2SVA	4,991E-14	50-1	0
50	0,25	SW2SVA	-5,903E-14	50-1	0,25
50	0,5	SW2SVA	-1,68E-13	50-1	0,5
50	0	SISMAVA	3,024E-13	50-1	0
50	0,25	SISMAVA	-3,566E-13	50-1	0,25
50	0,5	SISMAVA	-1,016E-12	50-1	0,5
50	0	LM71SVB	-6,062E-14	50-1	0
50	0,25	LM71SVB	7,17E-14	50-1	0,25
50	0,5	LM71SVB	2,04E-13	50-1	0,5
50	0	SW2SVB	-4,991E-14	50-1	0
50	0,25	SW2SVB	5,903E-14	50-1	0,25
50	0,5	SW2SVB	1,68E-13	50-1	0,5
50	0	SISMAVB	-3,024E-13	50-1	0
50	0,25	SISMAVB	3,566E-13	50-1	0,25
50	0,5	SISMAVB	1,016E-12	50-1	0,5
51	0	PP	-0,8784	51-1	0
51	0,25	PP	-0,2919	51-1	0,25
51	0,5	PP	0,2947	51-1	0,5
51	0	REINTSUP	-1,1807	51-1	0
51	0,25	REINTSUP	-1,1572	51-1	0,25
51	0,5	REINTSUP	-1,1337	51-1	0,5
51	0	BALLAST	-0,802	51-1	0
51	0,25	BALLAST	-0,786	51-1	0,25
51	0,5	BALLAST	-0,77	51-1	0,5
51	0	STERRASX	-1,0739	51-1	0
51	0,25	STERRASX	-2,6756	51-1	0,25
51	0,5	STERRASX	-4,2772	51-1	0,5
51	0	STERRADX	9,8719	51-1	0
51	0,25	STERRADX	10,2415	51-1	0,25
51	0,5	STERRADX	9,1452	51-1	0,5
51	0	TERMP	-0,0142	51-1	0
51	0,25	TERMP	-0,2908	51-1	0,25
51	0,5	TERMP	-0,5674	51-1	0,5
51	0	TERMN	0,0425	51-1	0
51	0,25	TERMN	0,8724	51-1	0,25
51	0,5	TERMN	1,7023	51-1	0,5
51	0	GRADTP	1,7739	51-1	0
51	0,25	GRADTP	2,8635	51-1	0,25
51	0,5	GRADTP	3,9532	51-1	0,5
51	0	GRADTN	-1,7739	51-1	0
51	0,25	GRADTN	-2,8635	51-1	0,25
51	0,5	GRADTN	-3,9532	51-1	0,5
51	0	LM71C	-3,3905	51-1	0
51	0,25	LM71C	-3,323	51-1	0,25
51	0,5	LM71C	-3,2555	51-1	0,5
51	0	LM71SX	0,4208	51-1	0
51	0,25	LM71SX	0,5267	51-1	0,25
51	0,5	LM71SX	0,6325	51-1	0,5
51	0	LM71DX	-3,8113	51-1	0
51	0,25	LM71DX	-3,8497	51-1	0,25
51	0,5	LM71DX	-3,8881	51-1	0,5
51	0	STLM71	-1,0192	51-1	0
51	0,25	STLM71	-2,5755	51-1	0,25
51	0,5	STLM71	-4,1317	51-1	0,5
51	0	AVVLM71	-1,0634	51-1	0
51	0,25	AVVLM71	-2,9611	51-1	0,25
51	0,5	AVVLM71	-4,8588	51-1	0,5
51	0	SW2	-2,7924	51-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
202 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
51	0,25	SW2	-2,7368	51-1	0,25
51	0,5	SW2	-2,6812	51-1	0,5
51	0	STSW2	-0,8397	51-1	0
51	0,25	STSW2	-2,1218	51-1	0,25
51	0,5	STSW2	-3,4039	51-1	0,5
51	0	FRENSW2	-1,1275	51-1	0
51	0,25	FRENSW2	-3,1398	51-1	0,25
51	0,5	FRENSW2	-5,152	51-1	0,5
51	0	SERP	0	51-1	0
51	0,25	SERP	0	51-1	0,25
51	0,5	SERP	0	51-1	0,5
51	0	INCRTER	-1,187	51-1	0
51	0,25	INCRTER	-2,9994	51-1	0,25
51	0,5	INCRTER	-4,8117	51-1	0,5
51	0	LM71SISO	-0,3808	51-1	0
51	0,25	LM71SISO	-1,0603	51-1	0,25
51	0,5	LM71SISO	-1,7398	51-1	0,5
51	0	SW2SISO	-0,3134	51-1	0
51	0,25	SW2SISO	-0,8728	51-1	0,25
51	0,5	SW2SISO	-1,4322	51-1	0,5
51	0	SISMAO	-2,143	51-1	0
51	0,25	SISMAO	-4,7021	51-1	0,25
51	0,5	SISMAO	-7,1343	51-1	0,5
51	0	LM71SVA	0,1008	51-1	0
51	0,25	LM71SVA	0,0988	51-1	0,25
51	0,5	LM71SVA	0,0968	51-1	0,5
51	0	SW2SVA	0,083	51-1	0
51	0,25	SW2SVA	0,0813	51-1	0,25
51	0,5	SW2SVA	0,0797	51-1	0,5
51	0	SISMAVA	0,4271	51-1	0
51	0,25	SISMAVA	0,3345	51-1	0,25
51	0,5	SISMAVA	0,242	51-1	0,5
51	0	LM71SVB	-0,1008	51-1	0
51	0,25	LM71SVB	-0,0988	51-1	0,25
51	0,5	LM71SVB	-0,0968	51-1	0,5
51	0	SW2SVB	-0,083	51-1	0
51	0,25	SW2SVB	-0,0813	51-1	0,25
51	0,5	SW2SVB	-0,0797	51-1	0,5
51	0	SISMAVB	-0,4271	51-1	0
51	0,25	SISMAVB	-0,3345	51-1	0,25
51	0,5	SISMAVB	-0,242	51-1	0,5
52	0	PP	-0,2947	52-1	0
52	0,25	PP	-0,8813	52-1	0,25
52	0,5	PP	-1,4679	52-1	0,5
52	0	REINTSUP	1,1337	52-1	0
52	0,25	REINTSUP	1,1102	52-1	0,25
52	0,5	REINTSUP	1,0866	52-1	0,5
52	0	BALLAST	0,77	52-1	0
52	0,25	BALLAST	0,7541	52-1	0,25
52	0,5	BALLAST	0,7381	52-1	0,5
52	0	STERRASX	-9,1452	52-1	0
52	0,25	STERRASX	-6,7163	52-1	0,25
52	0,5	STERRASX	-3,0881	52-1	0,5
52	0	STERRADX	4,2772	52-1	0
52	0,25	STERRADX	5,8788	52-1	0,25
52	0,5	STERRADX	7,4804	52-1	0,5
52	0	TERMP	0,5674	52-1	0
52	0,25	TERMP	0,8441	52-1	0,25
52	0,5	TERMP	1,1207	52-1	0,5
52	0	TERMN	-1,7023	52-1	0
52	0,25	TERMN	-2,5322	52-1	0,25
52	0,5	TERMN	-3,362	52-1	0,5
52	0	GRADTP	-3,9532	52-1	0
52	0,25	GRADTP	-5,0428	52-1	0,25
52	0,5	GRADTP	-6,1325	52-1	0,5
52	0	GRADTN	3,9532	52-1	0
52	0,25	GRADTN	5,0428	52-1	0,25
52	0,5	GRADTN	6,1325	52-1	0,5

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
203 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
52	0	LM71C	3,2555	52-1	0
52	0,25	LM71C	3,188	52-1	0,25
52	0,5	LM71C	3,1205	52-1	0,5
52	0	LM71SX	3,8881	52-1	0
52	0,25	LM71SX	3,9264	52-1	0,25
52	0,5	LM71SX	3,9648	52-1	0,5
52	0	LM71DX	-0,6325	52-1	0
52	0,25	LM71DX	-0,7384	52-1	0,25
52	0,5	LM71DX	-0,8443	52-1	0,5
52	0	STLM71	-8,8352	52-1	0
52	0,25	STLM71	-6,9971	52-1	0,25
52	0,5	STLM71	-3,8072	52-1	0,5
52	0	AVVLM71	-4,8588	52-1	0
52	0,25	AVVLM71	-6,7566	52-1	0,25
52	0,5	AVVLM71	-8,6543	52-1	0,5
52	0	SW2	2,6812	52-1	0
52	0,25	SW2	2,6256	52-1	0,25
52	0,5	SW2	2,57	52-1	0,5
52	0	STSW2	-7,2789	52-1	0
52	0,25	STSW2	-5,7646	52-1	0,25
52	0,5	STSW2	-3,1366	52-1	0,5
52	0	FRENSW2	-5,152	52-1	0
52	0,25	FRENSW2	-7,1642	52-1	0,25
52	0,5	FRENSW2	-9,1765	52-1	0,5
52	0	SERP	0	52-1	0
52	0,25	SERP	0	52-1	0,25
52	0,5	SERP	0	52-1	0,5
52	0	INCRTER	-10,2894	52-1	0
52	0,25	INCRTER	-8,1488	52-1	0,25
52	0,5	INCRTER	-4,4338	52-1	0,5
52	0	LM71SISO	-1,7398	52-1	0
52	0,25	LM71SISO	-2,4193	52-1	0,25
52	0,5	LM71SISO	-3,0988	52-1	0,5
52	0	SW2SISO	-1,4322	52-1	0
52	0,25	SW2SISO	-1,9915	52-1	0,25
52	0,5	SW2SISO	-2,5509	52-1	0,5
52	0	SISMAO	-7,1343	52-1	0
52	0,25	SISMAO	-9,4396	52-1	0,25
52	0,5	SISMAO	-11,618	52-1	0,5
52	0	LM71SVA	-0,0968	52-1	0
52	0,25	LM71SVA	-0,0948	52-1	0,25
52	0,5	LM71SVA	-0,0928	52-1	0,5
52	0	SW2SVA	-0,0797	52-1	0
52	0,25	SW2SVA	-0,078	52-1	0,25
52	0,5	SW2SVA	-0,0764	52-1	0,5
52	0	SISMAVA	-0,242	52-1	0
52	0,25	SISMAVA	-0,1494	52-1	0,25
52	0,5	SISMAVA	-0,0568	52-1	0,5
52	0	LM71SVB	0,0968	52-1	0
52	0,25	LM71SVB	0,0948	52-1	0,25
52	0,5	LM71SVB	0,0928	52-1	0,5
52	0	SW2SVB	0,0797	52-1	0
52	0,25	SW2SVB	0,078	52-1	0,25
52	0,5	SW2SVB	0,0764	52-1	0,5
52	0	SISMAVB	0,242	52-1	0
52	0,25	SISMAVB	0,1494	52-1	0,25
52	0,5	SISMAVB	0,0568	52-1	0,5
53	0	PP	-5,816E-12	53-1	0
53	0,25	PP	-3,451E-12	53-1	0,25
53	0,5	PP	-1,087E-12	53-1	0,5
53	0	REINTSUP	-3,81E-12	53-1	0
53	0,25	REINTSUP	-2,26E-12	53-1	0,25
53	0,5	REINTSUP	-7,101E-13	53-1	0,5
53	0	BALLAST	-2,588E-12	53-1	0
53	0,25	BALLAST	-1,535E-12	53-1	0,25
53	0,5	BALLAST	-4,825E-13	53-1	0,5
53	0	STERRASX	-11,3205	53-1	0
53	0,25	STERRASX	-8,1228	53-1	0,25

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
53	0,5	STERRASX	-4,9251	53-1	0,5
53	0	STERRADX	11,3205	53-1	0
53	0,25	STERRADX	8,1228	53-1	0,25
53	0,5	STERRADX	4,9251	53-1	0,5
53	0	TERMP	-6,594E-13	53-1	0
53	0,25	TERMP	-4,801E-13	53-1	0,25
53	0,5	TERMP	-3,009E-13	53-1	0,5
53	0	TERMN	2,057E-12	53-1	0
53	0,25	TERMN	1,498E-12	53-1	0,25
53	0,5	TERMN	9,396E-13	53-1	0,5
53	0	GRADTP	-3,928E-14	53-1	0
53	0,25	GRADTP	-2,648E-14	53-1	0,25
53	0,5	GRADTP	-1,369E-14	53-1	0,5
53	0	GRADTN	3,928E-14	53-1	0
53	0,25	GRADTN	2,648E-14	53-1	0,25
53	0,5	GRADTN	1,369E-14	53-1	0,5
53	0	LM71C	-1,094E-11	53-1	0
53	0,25	LM71C	-6,493E-12	53-1	0,25
53	0,5	LM71C	-2,041E-12	53-1	0,5
53	0	LM71SX	-2,9638	53-1	0
53	0,25	LM71SX	-2,8196	53-1	0,25
53	0,5	LM71SX	-2,6753	53-1	0,5
53	0	LM71DX	2,9638	53-1	0
53	0,25	LM71DX	2,8196	53-1	0,25
53	0,5	LM71DX	2,6753	53-1	0,5
53	0	STLM71	-11,1409	53-1	0
53	0,25	STLM71	-8,0201	53-1	0,25
53	0,5	STLM71	-4,8993	53-1	0,5
53	0	AVVLM71	-14,1916	53-1	0
53	0,25	AVVLM71	-10,4046	53-1	0,25
53	0,5	AVVLM71	-6,6175	53-1	0,5
53	0	SW2	-9,012E-12	53-1	0
53	0,25	SW2	-5,346E-12	53-1	0,25
53	0,5	SW2	-1,68E-12	53-1	0,5
53	0	STSW2	-9,1785	53-1	0
53	0,25	STSW2	-6,6074	53-1	0,25
53	0,5	STSW2	-4,0363	53-1	0,5
53	0	FRENSW2	-15,0479	53-1	0
53	0,25	FRENSW2	-11,0323	53-1	0,25
53	0,5	FRENSW2	-7,0168	53-1	0,5
53	0	SERP	0	53-1	0
53	0,25	SERP	0	53-1	0,25
53	0,5	SERP	0	53-1	0,5
53	0	INCRTER	-12,9745	53-1	0
53	0,25	INCRTER	-9,3401	53-1	0,25
53	0,5	INCRTER	-5,7056	53-1	0,5
53	0	LM71SISO	-5,0815	53-1	0
53	0,25	LM71SISO	-3,7255	53-1	0,25
53	0,5	LM71SISO	-2,3695	53-1	0,5
53	0	SW2SISO	-4,1831	53-1	0
53	0,25	SW2SISO	-3,0668	53-1	0,25
53	0,5	SW2SISO	-1,9506	53-1	0,5
53	0	SISMAO	-19,1101	53-1	0
53	0,25	SISMAO	-14,3183	53-1	0,25
53	0,5	SISMAO	-9,3996	53-1	0,5
53	0	LM71SVA	3,253E-13	53-1	0
53	0,25	LM71SVA	1,93E-13	53-1	0,25
53	0,5	LM71SVA	6,062E-14	53-1	0,5
53	0	SW2SVA	2,678E-13	53-1	0
53	0,25	SW2SVA	1,589E-13	53-1	0,25
53	0,5	SW2SVA	4,991E-14	53-1	0,5
53	0	SISMAVA	1,621E-12	53-1	0
53	0,25	SISMAVA	9,615E-13	53-1	0,25
53	0,5	SISMAVA	3,024E-13	53-1	0,5
53	0	LM71SVB	-3,253E-13	53-1	0
53	0,25	LM71SVB	-1,93E-13	53-1	0,25
53	0,5	LM71SVB	-6,062E-14	53-1	0,5
53	0	SW2SVB	-2,678E-13	53-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
53	0,25	SW2SVB	-1,589E-13	53-1	0,25
53	0,5	SW2SVB	-4,991E-14	53-1	0,5
53	0	SISMAVB	-1,621E-12	53-1	0
53	0,25	SISMAVB	-9,615E-13	53-1	0,25
53	0,5	SISMAVB	-3,024E-13	53-1	0,5
54	0	PP	0,2947	54-1	0
54	0,25	PP	0,8813	54-1	0,25
54	0,5	PP	1,4679	54-1	0,5
54	0	REINTSUP	-1,1337	54-1	0
54	0,25	REINTSUP	-1,1102	54-1	0,25
54	0,5	REINTSUP	-1,0866	54-1	0,5
54	0	BALLAST	-0,77	54-1	0
54	0,25	BALLAST	-0,7541	54-1	0,25
54	0,5	BALLAST	-0,7381	54-1	0,5
54	0	STERRASX	-4,2772	54-1	0
54	0,25	STERRASX	-5,8788	54-1	0,25
54	0,5	STERRASX	-7,4804	54-1	0,5
54	0	STERRADX	9,1452	54-1	0
54	0,25	STERRADX	6,7163	54-1	0,25
54	0,5	STERRADX	3,0881	54-1	0,5
54	0	TERMP	-0,5674	54-1	0
54	0,25	TERMP	-0,8441	54-1	0,25
54	0,5	TERMP	-1,1207	54-1	0,5
54	0	TERMN	1,7023	54-1	0
54	0,25	TERMN	2,5322	54-1	0,25
54	0,5	TERMN	3,362	54-1	0,5
54	0	GRADTP	3,9532	54-1	0
54	0,25	GRADTP	5,0428	54-1	0,25
54	0,5	GRADTP	6,1325	54-1	0,5
54	0	GRADTN	-3,9532	54-1	0
54	0,25	GRADTN	-5,0428	54-1	0,25
54	0,5	GRADTN	-6,1325	54-1	0,5
54	0	LM71C	-3,2555	54-1	0
54	0,25	LM71C	-3,188	54-1	0,25
54	0,5	LM71C	-3,1205	54-1	0,5
54	0	LM71SX	0,6325	54-1	0
54	0,25	LM71SX	0,7384	54-1	0,25
54	0,5	LM71SX	0,8443	54-1	0,5
54	0	LM71DX	-3,8881	54-1	0
54	0,25	LM71DX	-3,9264	54-1	0,25
54	0,5	LM71DX	-3,9648	54-1	0,5
54	0	STLM71	-4,1317	54-1	0
54	0,25	STLM71	-5,6879	54-1	0,25
54	0,5	STLM71	-7,2442	54-1	0,5
54	0	AVVLM71	-4,8588	54-1	0
54	0,25	AVVLM71	-6,7566	54-1	0,25
54	0,5	AVVLM71	-8,6543	54-1	0,5
54	0	SW2	-2,6812	54-1	0
54	0,25	SW2	-2,6256	54-1	0,25
54	0,5	SW2	-2,57	54-1	0,5
54	0	STSW2	-3,4039	54-1	0
54	0,25	STSW2	-4,686	54-1	0,25
54	0,5	STSW2	-5,9682	54-1	0,5
54	0	FRENSW2	-5,152	54-1	0
54	0,25	FRENSW2	-7,1642	54-1	0,25
54	0,5	FRENSW2	-9,1765	54-1	0,5
54	0	SERP	0	54-1	0
54	0,25	SERP	0	54-1	0,25
54	0,5	SERP	0	54-1	0,5
54	0	INCRTER	-4,8117	54-1	0
54	0,25	INCRTER	-6,6241	54-1	0,25
54	0,5	INCRTER	-8,4365	54-1	0,5
54	0	LM71SISO	-1,7398	54-1	0
54	0,25	LM71SISO	-2,4193	54-1	0,25
54	0,5	LM71SISO	-3,0988	54-1	0,5
54	0	SW2SISO	-1,4322	54-1	0
54	0,25	SW2SISO	-1,9915	54-1	0,25
54	0,5	SW2SISO	-2,5509	54-1	0,5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
54	0	SISMAO	-7,1343	54-1	0
54	0,25	SISMAO	-9,4396	54-1	0,25
54	0,5	SISMAO	-11,618	54-1	0,5
54	0	LM71SVA	0,0968	54-1	0
54	0,25	LM71SVA	0,0948	54-1	0,25
54	0,5	LM71SVA	0,0928	54-1	0,5
54	0	SW2SVA	0,0797	54-1	0
54	0,25	SW2SVA	0,078	54-1	0,25
54	0,5	SW2SVA	0,0764	54-1	0,5
54	0	SISMAVA	0,242	54-1	0
54	0,25	SISMAVA	0,1494	54-1	0,25
54	0,5	SISMAVA	0,0568	54-1	0,5
54	0	LM71SVB	-0,0968	54-1	0
54	0,25	LM71SVB	-0,0948	54-1	0,25
54	0,5	LM71SVB	-0,0928	54-1	0,5
54	0	SW2SVB	-0,0797	54-1	0
54	0,25	SW2SVB	-0,078	54-1	0,25
54	0,5	SW2SVB	-0,0764	54-1	0,5
54	0	SISMAVB	-0,242	54-1	0
54	0,25	SISMAVB	-0,1494	54-1	0,25
54	0,5	SISMAVB	-0,0568	54-1	0,5
55	0	PP	-1,4679	55-1	0
55	0,0375	PP	-1,5559	55-1	0,0375
55	0,075	PP	-1,6439	55-1	0,075
55	0	REINTSUP	1,0866	55-1	0
55	0,0375	REINTSUP	1,0831	55-1	0,0375
55	0,075	REINTSUP	1,0796	55-1	0,075
55	0	BALLAST	0,7381	55-1	0
55	0,0375	BALLAST	0,7357	55-1	0,0375
55	0,075	BALLAST	0,7333	55-1	0,075
55	0	STERRASX	-3,0881	55-1	0
55	0,0375	STERRASX	-2,4486	55-1	0,0375
55	0,075	STERRASX	-1,7856	55-1	0,075
55	0	STERRADX	7,4804	55-1	0
55	0,0375	STERRADX	7,7207	55-1	0,0375
55	0,075	STERRADX	7,9609	55-1	0,075
55	0	TERMP	1,1207	55-1	0
55	0,0375	TERMP	1,1622	55-1	0,0375
55	0,075	TERMP	1,2037	55-1	0,075
55	0	TERMN	-3,362	55-1	0
55	0,0375	TERMN	-3,4865	55-1	0,0375
55	0,075	TERMN	-3,611	55-1	0,075
55	0	GRADTP	-6,1325	55-1	0
55	0,0375	GRADTP	-6,2959	55-1	0,0375
55	0,075	GRADTP	-6,4593	55-1	0,075
55	0	GRADTN	6,1325	55-1	0
55	0,0375	GRADTN	6,2959	55-1	0,0375
55	0,075	GRADTN	6,4593	55-1	0,075
55	0	LM71C	3,1205	55-1	0
55	0,0375	LM71C	3,1104	55-1	0,0375
55	0,075	LM71C	3,1003	55-1	0,075
55	0	LM71SX	3,9648	55-1	0
55	0,0375	LM71SX	3,9706	55-1	0,0375
55	0,075	LM71SX	3,9763	55-1	0,075
55	0	LM71DX	-0,8443	55-1	0
55	0,0375	LM71DX	-0,8602	55-1	0,0375
55	0,075	LM71DX	-0,876	55-1	0,075
55	0	STLM71	-3,8072	55-1	0
55	0,0375	STLM71	-3,2121	55-1	0,0375
55	0,075	STLM71	-2,5866	55-1	0,075
55	0	AVVLM71	-8,6543	55-1	0
55	0,0375	AVVLM71	-8,939	55-1	0,0375
55	0,075	AVVLM71	-9,2236	55-1	0,075
55	0	SW2	2,57	55-1	0
55	0,0375	SW2	2,5617	55-1	0,0375
55	0,075	SW2	2,5533	55-1	0,075
55	0	STSW2	-3,1366	55-1	0
55	0,0375	STSW2	-2,6463	55-1	0,0375

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
207 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
55	0,075	STSW2	-2,131	55-1	0,075
55	0	FRENSW2	-9,1765	55-1	0
55	0,0375	FRENSW2	-9,4783	55-1	0,0375
55	0,075	FRENSW2	-9,7801	55-1	0,075
55	0	SERP	0	55-1	0
55	0,0375	SERP	0	55-1	0,0375
55	0,075	SERP	0	55-1	0,075
55	0	INCRTER	-4,4338	55-1	0
55	0,0375	INCRTER	-3,7407	55-1	0,0375
55	0,075	INCRTER	-3,0123	55-1	0,075
55	0	LM71SISO	-3,0988	55-1	0
55	0,0375	LM71SISO	-3,2007	55-1	0,0375
55	0,075	LM71SISO	-3,3026	55-1	0,075
55	0	SW2SISO	-2,5509	55-1	0
55	0,0375	SW2SISO	-2,6348	55-1	0,0375
55	0,075	SW2SISO	-2,7187	55-1	0,075
55	0	SISMAO	-11,618	55-1	0
55	0,0375	SISMAO	-11,9338	55-1	0,0375
55	0,075	SISMAO	-12,2468	55-1	0,075
55	0	LM71SVA	-0,0928	55-1	0
55	0,0375	LM71SVA	-0,0925	55-1	0,0375
55	0,075	LM71SVA	-0,0922	55-1	0,075
55	0	SW2SVA	-0,0764	55-1	0
55	0,0375	SW2SVA	-0,0761	55-1	0,0375
55	0,075	SW2SVA	-0,0759	55-1	0,075
55	0	SISMAVA	-0,0568	55-1	0
55	0,0375	SISMAVA	-0,0429	55-1	0,0375
55	0,075	SISMAVA	-0,0291	55-1	0,075
55	0	LM71SVB	0,0928	55-1	0
55	0,0375	LM71SVB	0,0925	55-1	0,0375
55	0,075	LM71SVB	0,0922	55-1	0,075
55	0	SW2SVB	0,0764	55-1	0
55	0,0375	SW2SVB	0,0761	55-1	0,0375
55	0,075	SW2SVB	0,0759	55-1	0,075
55	0	SISMAVB	0,0568	55-1	0
55	0,0375	SISMAVB	0,0429	55-1	0,0375
55	0,075	SISMAVB	0,0291	55-1	0,075
56	0	PP	-6,525E-12	56-1	0
56	0,0375	PP	-6,17E-12	56-1	0,0375
56	0,075	PP	-5,816E-12	56-1	0,075
56	0	REINTSUP	-4,275E-12	56-1	0
56	0,0375	REINTSUP	-4,043E-12	56-1	0,0375
56	0,075	REINTSUP	-3,81E-12	56-1	0,075
56	0	BALLAST	-2,904E-12	56-1	0
56	0,0375	BALLAST	-2,746E-12	56-1	0,0375
56	0,075	BALLAST	-2,588E-12	56-1	0,075
56	0	STERRASX	-12,2798	56-1	0
56	0,0375	STERRASX	-11,8001	56-1	0,0375
56	0,075	STERRASX	-11,3205	56-1	0,075
56	0	STERRADX	12,2798	56-1	0
56	0,0375	STERRADX	11,8001	56-1	0,0375
56	0,075	STERRADX	11,3205	56-1	0,075
56	0	TERMP	-7,131E-13	56-1	0
56	0,0375	TERMP	-6,863E-13	56-1	0,0375
56	0,075	TERMP	-6,594E-13	56-1	0,075
56	0	TERMN	2,224E-12	56-1	0
56	0,0375	TERMN	2,14E-12	56-1	0,0375
56	0,075	TERMN	2,057E-12	56-1	0,075
56	0	GRADTP	-4,311E-14	56-1	0
56	0,0375	GRADTP	-4,12E-14	56-1	0,0375
56	0,075	GRADTP	-3,928E-14	56-1	0,075
56	0	GRADTN	4,311E-14	56-1	0
56	0,0375	GRADTN	4,12E-14	56-1	0,0375
56	0,075	GRADTN	3,928E-14	56-1	0,075
56	0	LM71C	-1,228E-11	56-1	0
56	0,0375	LM71C	-1,161E-11	56-1	0,0375
56	0,075	LM71C	-1,094E-11	56-1	0,075
56	0	LM71SX	-3,0071	56-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
208 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
56	0,0375	LM71SX	-2,9855	56-1	0,0375
56	0,075	LM71SX	-2,9638	56-1	0,075
56	0	LM71DX	3,0071	56-1	0
56	0,0375	LM71DX	2,9855	56-1	0,0375
56	0,075	LM71DX	2,9638	56-1	0,075
56	0	STLM71	-12,0771	56-1	0
56	0,0375	STLM71	-11,609	56-1	0,0375
56	0,075	STLM71	-11,1409	56-1	0,075
56	0	AVVLM71	-15,3277	56-1	0
56	0,0375	AVVLM71	-14,7597	56-1	0,0375
56	0,075	AVVLM71	-14,1916	56-1	0,075
56	0	SW2	-1,011E-11	56-1	0
56	0,0375	SW2	-9,562E-12	56-1	0,0375
56	0,075	SW2	-9,012E-12	56-1	0,075
56	0	STSW2	-9,9498	56-1	0
56	0,0375	STSW2	-9,5641	56-1	0,0375
56	0,075	STSW2	-9,1785	56-1	0,075
56	0	FRENSW2	-16,2525	56-1	0
56	0,0375	FRENSW2	-15,6502	56-1	0,0375
56	0,075	FRENSW2	-15,0479	56-1	0,075
56	0	SERP	0	56-1	0
56	0,0375	SERP	0	56-1	0,0375
56	0,075	SERP	0	56-1	0,075
56	0	INCRTER	-14,0648	56-1	0
56	0,0375	INCRTER	-13,5196	56-1	0,0375
56	0,075	INCRTER	-12,9745	56-1	0,075
56	0	LM71SISO	-5,4883	56-1	0
56	0,0375	LM71SISO	-5,2849	56-1	0,0375
56	0,075	LM71SISO	-5,0815	56-1	0,075
56	0	SW2SISO	-4,518	56-1	0
56	0,0375	SW2SISO	-4,3505	56-1	0,0375
56	0,075	SW2SISO	-4,1831	56-1	0,075
56	0	SISMAO	-20,5229	56-1	0
56	0,0375	SISMAO	-19,8179	56-1	0,0375
56	0,075	SISMAO	-19,1101	56-1	0,075
56	0	LM71SVA	3,65E-13	56-1	0
56	0,0375	LM71SVA	3,451E-13	56-1	0,0375
56	0,075	LM71SVA	3,253E-13	56-1	0,075
56	0	SW2SVA	3,005E-13	56-1	0
56	0,0375	SW2SVA	2,841E-13	56-1	0,0375
56	0,075	SW2SVA	2,678E-13	56-1	0,075
56	0	SISMAVA	1,818E-12	56-1	0
56	0,0375	SISMAVA	1,719E-12	56-1	0,0375
56	0,075	SISMAVA	1,621E-12	56-1	0,075
56	0	LM71SVB	-3,65E-13	56-1	0
56	0,0375	LM71SVB	-3,451E-13	56-1	0,0375
56	0,075	LM71SVB	-3,253E-13	56-1	0,075
56	0	SW2SVB	-3,005E-13	56-1	0
56	0,0375	SW2SVB	-2,841E-13	56-1	0,0375
56	0,075	SW2SVB	-2,678E-13	56-1	0,075
56	0	SISMAVB	-1,818E-12	56-1	0
56	0,0375	SISMAVB	-1,719E-12	56-1	0,0375
56	0,075	SISMAVB	-1,621E-12	56-1	0,075
57	0	PP	1,4679	57-1	0
57	0,0375	PP	1,5559	57-1	0,0375
57	0,075	PP	1,6439	57-1	0,075
57	0	REINTSUP	-1,0866	57-1	0
57	0,0375	REINTSUP	-1,0831	57-1	0,0375
57	0,075	REINTSUP	-1,0796	57-1	0,075
57	0	BALLAST	-0,7381	57-1	0
57	0,0375	BALLAST	-0,7357	57-1	0,0375
57	0,075	BALLAST	-0,7333	57-1	0,075
57	0	STERRASX	-7,4804	57-1	0
57	0,0375	STERRASX	-7,7207	57-1	0,0375
57	0,075	STERRASX	-7,9609	57-1	0,075
57	0	STERRADX	3,0881	57-1	0
57	0,0375	STERRADX	2,4486	57-1	0,0375
57	0,075	STERRADX	1,7856	57-1	0,075

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
209 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
57	0	TERMP	-1,1207	57-1	0
57	0,0375	TERMP	-1,1622	57-1	0,0375
57	0,075	TERMP	-1,2037	57-1	0,075
57	0	TERMN	3,362	57-1	0
57	0,0375	TERMN	3,4865	57-1	0,0375
57	0,075	TERMN	3,611	57-1	0,075
57	0	GRADTP	6,1325	57-1	0
57	0,0375	GRADTP	6,2959	57-1	0,0375
57	0,075	GRADTP	6,4593	57-1	0,075
57	0	GRADTN	-6,1325	57-1	0
57	0,0375	GRADTN	-6,2959	57-1	0,0375
57	0,075	GRADTN	-6,4593	57-1	0,075
57	0	LM71C	-3,1205	57-1	0
57	0,0375	LM71C	-3,1104	57-1	0,0375
57	0,075	LM71C	-3,1003	57-1	0,075
57	0	LM71SX	0,8443	57-1	0
57	0,0375	LM71SX	0,8602	57-1	0,0375
57	0,075	LM71SX	0,876	57-1	0,075
57	0	LM71DX	-3,9648	57-1	0
57	0,0375	LM71DX	-3,9706	57-1	0,0375
57	0,075	LM71DX	-3,9763	57-1	0,075
57	0	STLM71	-7,2442	57-1	0
57	0,0375	STLM71	-7,4776	57-1	0,0375
57	0,075	STLM71	-7,7111	57-1	0,075
57	0	AVVLM71	-8,6543	57-1	0
57	0,0375	AVVLM71	-8,939	57-1	0,0375
57	0,075	AVVLM71	-9,2236	57-1	0,075
57	0	SW2	-2,57	57-1	0
57	0,0375	SW2	-2,5617	57-1	0,0375
57	0,075	SW2	-2,5533	57-1	0,075
57	0	STSW2	-5,9682	57-1	0
57	0,0375	STSW2	-6,1605	57-1	0,0375
57	0,075	STSW2	-6,3528	57-1	0,075
57	0	FRENSW2	-9,1765	57-1	0
57	0,0375	FRENSW2	-9,4783	57-1	0,0375
57	0,075	FRENSW2	-9,7801	57-1	0,075
57	0	SERP	0	57-1	0
57	0,0375	SERP	0	57-1	0,0375
57	0,075	SERP	0	57-1	0,075
57	0	INCRTER	-8,4365	57-1	0
57	0,0375	INCRTER	-8,7083	57-1	0,0375
57	0,075	INCRTER	-8,9802	57-1	0,075
57	0	LM71SISO	-3,0988	57-1	0
57	0,0375	LM71SISO	-3,2007	57-1	0,0375
57	0,075	LM71SISO	-3,3026	57-1	0,075
57	0	SW2SISO	-2,5509	57-1	0
57	0,0375	SW2SISO	-2,6348	57-1	0,0375
57	0,075	SW2SISO	-2,7187	57-1	0,075
57	0	SISMAO	-11,618	57-1	0
57	0,0375	SISMAO	-11,9338	57-1	0,0375
57	0,075	SISMAO	-12,2468	57-1	0,075
57	0	LM71SVA	0,0928	57-1	0
57	0,0375	LM71SVA	0,0925	57-1	0,0375
57	0,075	LM71SVA	0,0922	57-1	0,075
57	0	SW2SVA	0,0764	57-1	0
57	0,0375	SW2SVA	0,0761	57-1	0,0375
57	0,075	SW2SVA	0,0759	57-1	0,075
57	0	SISMAVA	0,0568	57-1	0
57	0,0375	SISMAVA	0,0429	57-1	0,0375
57	0,075	SISMAVA	0,0291	57-1	0,075
57	0	LM71SVB	-0,0928	57-1	0
57	0,0375	LM71SVB	-0,0925	57-1	0,0375
57	0,075	LM71SVB	-0,0922	57-1	0,075
57	0	SW2SVB	-0,0764	57-1	0
57	0,0375	SW2SVB	-0,0761	57-1	0,0375
57	0,075	SW2SVB	-0,0759	57-1	0,075
57	0	SISMAVB	-0,0568	57-1	0
57	0,0375	SISMAVB	-0,0429	57-1	0,0375

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
210 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
57	0,075	SISMAVB	-0,0291	57-1	0,075
58	0	PP	-1,6439	58-1	0
58	0,0375	PP	-1,7319	58-1	0,0375
58	0,075	PP	-1,8199	58-1	0,075
58	0	REINTSUP	1,0796	58-1	0
58	0,0375	REINTSUP	1,0761	58-1	0,0375
58	0,075	REINTSUP	1,0725	58-1	0,075
58	0	BALLAST	0,7333	58-1	0
58	0,0375	BALLAST	0,7309	58-1	0,0375
58	0,075	BALLAST	0,7285	58-1	0,075
58	0	STERRASX	-1,7856	58-1	0
58	0,0375	STERRASX	-1,0995	58-1	0,0375
58	0,075	STERRASX	-0,3908	58-1	0,075
58	0	STERRADX	7,9609	58-1	0
58	0,0375	STERRADX	8,2012	58-1	0,0375
58	0,075	STERRADX	8,4414	58-1	0,075
58	0	TERMP	1,2037	58-1	0
58	0,0375	TERMP	1,2452	58-1	0,0375
58	0,075	TERMP	1,2867	58-1	0,075
58	0	TERMN	-3,611	58-1	0
58	0,0375	TERMN	-3,7355	58-1	0,0375
58	0,075	TERMN	-3,86	58-1	0,075
58	0	GRADTP	-6,4593	58-1	0
58	0,0375	GRADTP	-6,6228	58-1	0,0375
58	0,075	GRADTP	-6,7862	58-1	0,075
58	0	GRADTN	6,4593	58-1	0
58	0,0375	GRADTN	6,6228	58-1	0,0375
58	0,075	GRADTN	6,7862	58-1	0,075
58	0	LM71C	3,1003	58-1	0
58	0,0375	LM71C	3,0901	58-1	0,0375
58	0,075	LM71C	3,08	58-1	0,075
58	0	LM71SX	3,9763	58-1	0
58	0,0375	LM71SX	3,9821	58-1	0,0375
58	0,075	LM71SX	3,9878	58-1	0,075
58	0	LM71DX	-0,876	58-1	0
58	0,0375	LM71DX	-0,8919	58-1	0,0375
58	0,075	LM71DX	-0,9078	58-1	0,075
58	0	STLM71	-2,5866	58-1	0
58	0,0375	STLM71	-1,9306	58-1	0,0375
58	0,075	STLM71	-1,2443	58-1	0,075
58	0	AVVLM71	-9,2236	58-1	0
58	0,0375	AVVLM71	-9,5083	58-1	0,0375
58	0,075	AVVLM71	-9,7929	58-1	0,075
58	0	SW2	2,5533	58-1	0
58	0,0375	SW2	2,545	58-1	0,0375
58	0,075	SW2	2,5367	58-1	0,075
58	0	STSW2	-2,131	58-1	0
58	0,0375	STSW2	-1,5906	58-1	0,0375
58	0,075	STSW2	-1,0251	58-1	0,075
58	0	FRENSW2	-9,7801	58-1	0
58	0,0375	FRENSW2	-10,082	58-1	0,0375
58	0,075	FRENSW2	-10,3838	58-1	0,075
58	0	SERP	0	58-1	0
58	0,0375	SERP	0	58-1	0,0375
58	0,075	SERP	0	58-1	0,075
58	0	INCRTER	-3,0123	58-1	0
58	0,0375	INCRTER	-2,2484	58-1	0,0375
58	0,075	INCRTER	-1,4491	58-1	0,075
58	0	LM71SISO	-3,3026	58-1	0
58	0,0375	LM71SISO	-3,4045	58-1	0,0375
58	0,075	LM71SISO	-3,5065	58-1	0,075
58	0	SW2SISO	-2,7187	58-1	0
58	0,0375	SW2SISO	-2,8026	58-1	0,0375
58	0,075	SW2SISO	-2,8865	58-1	0,075
58	0	SISMAO	-12,2468	58-1	0
58	0,0375	SISMAO	-12,5569	58-1	0,0375
58	0,075	SISMAO	-12,8642	58-1	0,075
58	0	LM71SVA	-0,0922	58-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
58	0,0375	LM71SVA	-0,0919	58-1	0,0375
58	0,075	LM71SVA	-0,0916	58-1	0,075
58	0	SW2SVA	-0,0759	58-1	0
58	0,0375	SW2SVA	-0,0756	58-1	0,0375
58	0,075	SW2SVA	-0,0754	58-1	0,075
58	0	SISMAVA	-0,0291	58-1	0
58	0,0375	SISMAVA	-0,0152	58-1	0,0375
58	0,075	SISMAVA	-0,0013	58-1	0,075
58	0	LM71SVB	0,0922	58-1	0
58	0,0375	LM71SVB	0,0919	58-1	0,0375
58	0,075	LM71SVB	0,0916	58-1	0,075
58	0	SW2SVB	0,0759	58-1	0
58	0,0375	SW2SVB	0,0756	58-1	0,0375
58	0,075	SW2SVB	0,0754	58-1	0,075
58	0	SISMAVB	0,0291	58-1	0
58	0,0375	SISMAVB	0,0152	58-1	0,0375
58	0,075	SISMAVB	0,0013	58-1	0,075
59	0	PP	-7,234E-12	59-1	0
59	0,0375	PP	-6,879E-12	59-1	0,0375
59	0,075	PP	-6,525E-12	59-1	0,075
59	0	REINTSUP	-4,74E-12	59-1	0
59	0,0375	REINTSUP	-4,508E-12	59-1	0,0375
59	0,075	REINTSUP	-4,275E-12	59-1	0,075
59	0	BALLAST	-3,22E-12	59-1	0
59	0,0375	BALLAST	-3,062E-12	59-1	0,0375
59	0,075	BALLAST	-2,904E-12	59-1	0,075
59	0	STERRASX	-13,2391	59-1	0
59	0,0375	STERRASX	-12,7594	59-1	0,0375
59	0,075	STERRASX	-12,2798	59-1	0,075
59	0	STERRADX	13,2391	59-1	0
59	0,0375	STERRADX	12,7594	59-1	0,0375
59	0,075	STERRADX	12,2798	59-1	0,075
59	0	TERMP	-7,669E-13	59-1	0
59	0,0375	TERMP	-7,4E-13	59-1	0,0375
59	0,075	TERMP	-7,131E-13	59-1	0,075
59	0	TERMN	2,392E-12	59-1	0
59	0,0375	TERMN	2,308E-12	59-1	0,0375
59	0,075	TERMN	2,224E-12	59-1	0,075
59	0	GRADTP	-4,695E-14	59-1	0
59	0,0375	GRADTP	-4,503E-14	59-1	0,0375
59	0,075	GRADTP	-4,311E-14	59-1	0,075
59	0	GRADTN	4,695E-14	59-1	0
59	0,0375	GRADTN	4,503E-14	59-1	0,0375
59	0,075	GRADTN	4,311E-14	59-1	0,075
59	0	LM71C	-1,362E-11	59-1	0
59	0,0375	LM71C	-1,295E-11	59-1	0,0375
59	0,075	LM71C	-1,228E-11	59-1	0,075
59	0	LM71SX	-3,0504	59-1	0
59	0,0375	LM71SX	-3,0287	59-1	0,0375
59	0,075	LM71SX	-3,0071	59-1	0,075
59	0	LM71DX	3,0504	59-1	0
59	0,0375	LM71DX	3,0287	59-1	0,0375
59	0,075	LM71DX	3,0071	59-1	0,075
59	0	STLM71	-13,0133	59-1	0
59	0,0375	STLM71	-12,5452	59-1	0,0375
59	0,075	STLM71	-12,0771	59-1	0,075
59	0	AVVLM71	-16,4638	59-1	0
59	0,0375	AVVLM71	-15,8958	59-1	0,0375
59	0,075	AVVLM71	-15,3277	59-1	0,075
59	0	SW2	-1,121E-11	59-1	0
59	0,0375	SW2	-1,066E-11	59-1	0,0375
59	0,075	SW2	-1,011E-11	59-1	0,075
59	0	STSW2	-10,7211	59-1	0
59	0,0375	STSW2	-10,3354	59-1	0,0375
59	0,075	STSW2	-9,9498	59-1	0,075
59	0	FRENSW2	-17,4572	59-1	0
59	0,0375	FRENSW2	-16,8549	59-1	0,0375
59	0,075	FRENSW2	-16,2525	59-1	0,075

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
212 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
59	0	SERP	0	59-1	0
59	0,0375	SERP	0	59-1	0,0375
59	0,075	SERP	0	59-1	0,075
59	0	INCRTER	-15,1551	59-1	0
59	0,0375	INCRTER	-14,61	59-1	0,0375
59	0,075	INCRTER	-14,0648	59-1	0,075
59	0	LM71SISO	-5,8951	59-1	0
59	0,0375	LM71SISO	-5,6917	59-1	0,0375
59	0,075	LM71SISO	-5,4883	59-1	0,075
59	0	SW2SISO	-4,8528	59-1	0
59	0,0375	SW2SISO	-4,6854	59-1	0,0375
59	0,075	SW2SISO	-4,518	59-1	0,075
59	0	SISMAO	-21,9243	59-1	0
59	0,0375	SISMAO	-21,225	59-1	0,0375
59	0,075	SISMAO	-20,5229	59-1	0,075
59	0	LM71SVA	4,047E-13	59-1	0
59	0,0375	LM71SVA	3,848E-13	59-1	0,0375
59	0,075	LM71SVA	3,65E-13	59-1	0,075
59	0	SW2SVA	3,332E-13	59-1	0
59	0,0375	SW2SVA	3,168E-13	59-1	0,0375
59	0,075	SW2SVA	3,005E-13	59-1	0,075
59	0	SISMAVA	2,016E-12	59-1	0
59	0,0375	SISMAVA	1,917E-12	59-1	0,0375
59	0,075	SISMAVA	1,818E-12	59-1	0,075
59	0	LM71SVB	-4,047E-13	59-1	0
59	0,0375	LM71SVB	-3,848E-13	59-1	0,0375
59	0,075	LM71SVB	-3,65E-13	59-1	0,075
59	0	SW2SVB	-3,332E-13	59-1	0
59	0,0375	SW2SVB	-3,168E-13	59-1	0,0375
59	0,075	SW2SVB	-3,005E-13	59-1	0,075
59	0	SISMAVB	-2,016E-12	59-1	0
59	0,0375	SISMAVB	-1,917E-12	59-1	0,0375
59	0,075	SISMAVB	-1,818E-12	59-1	0,075
60	0	PP	1,6439	60-1	0
60	0,0375	PP	1,7319	60-1	0,0375
60	0,075	PP	1,8199	60-1	0,075
60	0	REINTSUP	-1,0796	60-1	0
60	0,0375	REINTSUP	-1,0761	60-1	0,0375
60	0,075	REINTSUP	-1,0725	60-1	0,075
60	0	BALLAST	-0,7333	60-1	0
60	0,0375	BALLAST	-0,7309	60-1	0,0375
60	0,075	BALLAST	-0,7285	60-1	0,075
60	0	STERRASX	-7,9609	60-1	0
60	0,0375	STERRASX	-8,2012	60-1	0,0375
60	0,075	STERRASX	-8,4414	60-1	0,075
60	0	STERRADX	1,7856	60-1	0
60	0,0375	STERRADX	1,0995	60-1	0,0375
60	0,075	STERRADX	0,3908	60-1	0,075
60	0	TERMP	-1,2037	60-1	0
60	0,0375	TERMP	-1,2452	60-1	0,0375
60	0,075	TERMP	-1,2867	60-1	0,075
60	0	TERMN	3,611	60-1	0
60	0,0375	TERMN	3,7355	60-1	0,0375
60	0,075	TERMN	3,86	60-1	0,075
60	0	GRADTP	6,4593	60-1	0
60	0,0375	GRADTP	6,6228	60-1	0,0375
60	0,075	GRADTP	6,7862	60-1	0,075
60	0	GRADTN	-6,4593	60-1	0
60	0,0375	GRADTN	-6,6228	60-1	0,0375
60	0,075	GRADTN	-6,7862	60-1	0,075
60	0	LM71C	-3,1003	60-1	0
60	0,0375	LM71C	-3,0901	60-1	0,0375
60	0,075	LM71C	-3,08	60-1	0,075
60	0	LM71SX	0,876	60-1	0
60	0,0375	LM71SX	0,8919	60-1	0,0375
60	0,075	LM71SX	0,9078	60-1	0,075
60	0	LM71DX	-3,9763	60-1	0
60	0,0375	LM71DX	-3,9821	60-1	0,0375

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
213 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
60	0,075	LM71DX	-3,9878	60-1	0,075
60	0	STLM71	-7,7111	60-1	0
60	0,0375	STLM71	-7,9445	60-1	0,0375
60	0,075	STLM71	-8,1779	60-1	0,075
60	0	AVVLM71	-9,2236	60-1	0
60	0,0375	AVVLM71	-9,5083	60-1	0,0375
60	0,075	AVVLM71	-9,7929	60-1	0,075
60	0	SW2	-2,5533	60-1	0
60	0,0375	SW2	-2,545	60-1	0,0375
60	0,075	SW2	-2,5367	60-1	0,075
60	0	STSW2	-6,3528	60-1	0
60	0,0375	STSW2	-6,5451	60-1	0,0375
60	0,075	STSW2	-6,7374	60-1	0,075
60	0	FRENSW2	-9,7801	60-1	0
60	0,0375	FRENSW2	-10,082	60-1	0,0375
60	0,075	FRENSW2	-10,3838	60-1	0,075
60	0	SERP	0	60-1	0
60	0,0375	SERP	0	60-1	0,0375
60	0,075	SERP	0	60-1	0,075
60	0	INCRTER	-8,9802	60-1	0
60	0,0375	INCRTER	-9,252	60-1	0,0375
60	0,075	INCRTER	-9,5239	60-1	0,075
60	0	LM71SISO	-3,3026	60-1	0
60	0,0375	LM71SISO	-3,4045	60-1	0,0375
60	0,075	LM71SISO	-3,5065	60-1	0,075
60	0	SW2SISO	-2,7187	60-1	0
60	0,0375	SW2SISO	-2,8026	60-1	0,0375
60	0,075	SW2SISO	-2,8865	60-1	0,075
60	0	SISMAO	-12,2468	60-1	0
60	0,0375	SISMAO	-12,5569	60-1	0,0375
60	0,075	SISMAO	-12,8642	60-1	0,075
60	0	LM71SVA	0,0922	60-1	0
60	0,0375	LM71SVA	0,0919	60-1	0,0375
60	0,075	LM71SVA	0,0916	60-1	0,075
60	0	SW2SVA	0,0759	60-1	0
60	0,0375	SW2SVA	0,0756	60-1	0,0375
60	0,075	SW2SVA	0,0754	60-1	0,075
60	0	SISMAVA	0,0291	60-1	0
60	0,0375	SISMAVA	0,0152	60-1	0,0375
60	0,075	SISMAVA	0,0013	60-1	0,075
60	0	LM71SVB	-0,0922	60-1	0
60	0,0375	LM71SVB	-0,0919	60-1	0,0375
60	0,075	LM71SVB	-0,0916	60-1	0,075
60	0	SW2SVB	-0,0759	60-1	0
60	0,0375	SW2SVB	-0,0756	60-1	0,0375
60	0,075	SW2SVB	-0,0754	60-1	0,075
60	0	SISMAVB	-0,0291	60-1	0
60	0,0375	SISMAVB	-0,0152	60-1	0,0375
60	0,075	SISMAVB	-0,0013	60-1	0,075
61	0	PP	1,8199	61-1	0
61	0,075	PP	1,8914	61-1	0,075
61	0	REINTSUP	-1,0725	61-1	0
61	0,075	REINTSUP	-0,1424	61-1	0,075
61	0	BALLAST	-0,7285	61-1	0
61	0,075	BALLAST	-0,0967	61-1	0,075
61	0	STERRASX	0,3908	61-1	0
61	0,075	STERRASX	0,1289	61-1	0,075
61	0	STERRADX	-8,4414	61-1	0
61	0,075	STERRADX	-7,5998	61-1	0,075
61	0	TERMP	-1,2867	61-1	0
61	0,075	TERMP	-1,2887	61-1	0,075
61	0	TERMN	3,86	61-1	0
61	0,075	TERMN	3,8662	61-1	0,075
61	0	GRADTP	6,7862	61-1	0
61	0,075	GRADTP	7,1124	61-1	0,075
61	0	GRADTN	-6,7862	61-1	0
61	0,075	GRADTN	-7,1124	61-1	0,075
61	0	LM71C	-3,08	61-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
214 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
61	0,075	LM71C	-0,4088	61-1	0,075
61	0	LM71SX	-3,9878	61-1	0
61	0,075	LM71SX	-0,9794	61-1	0,075
61	0	LM71DX	0,9078	61-1	0
61	0,075	LM71DX	0,5706	61-1	0,075
61	0	STLM71	1,2443	61-1	0
61	0,075	STLM71	0,9284	61-1	0,075
61	0	AVVLM71	9,7929	61-1	0
61	0,075	AVVLM71	8,8917	61-1	0,075
61	0	SW2	-2,5367	61-1	0
61	0,075	SW2	-0,3367	61-1	0,075
61	0	STSW2	1,0251	61-1	0
61	0,075	STSW2	0,7648	61-1	0,075
61	0	FRENSW2	10,3838	61-1	0
61	0,075	FRENSW2	9,4282	61-1	0,075
61	0	SERP	0	61-1	0
61	0,075	SERP	0	61-1	0,075
61	0	INCRTER	1,4491	61-1	0
61	0,075	INCRTER	1,0812	61-1	0,075
61	0	LM71SISO	3,5065	61-1	0
61	0,075	LM71SISO	3,1838	61-1	0,075
61	0	SW2SISO	2,8865	61-1	0
61	0,075	SW2SISO	2,6209	61-1	0,075
61	0	SISMAO	12,8642	61-1	0
61	0,075	SISMAO	11,6728	61-1	0,075
61	0	LM71SVA	0,0916	61-1	0
61	0,075	LM71SVA	0,0122	61-1	0,075
61	0	SW2SVA	0,0754	61-1	0
61	0,075	SW2SVA	0,01	61-1	0,075
61	0	SISMAVA	0,0013	61-1	0
61	0,075	SISMAVA	-0,2426	61-1	0,075
61	0	LM71SVB	-0,0916	61-1	0
61	0,075	LM71SVB	-0,0122	61-1	0,075
61	0	SW2SVB	-0,0754	61-1	0
61	0,075	SW2SVB	-0,01	61-1	0,075
61	0	SISMAVB	-0,0013	61-1	0
61	0,075	SISMAVB	0,2426	61-1	0,075
62	0	PP	1,8914	62-1	0
62	0,075	PP	1,9207	62-1	0,075
62	0	REINTSUP	-0,1424	62-1	0
62	0,075	REINTSUP	0,6686	62-1	0,075
62	0	BALLAST	-0,0967	62-1	0
62	0,075	BALLAST	0,4541	62-1	0,075
62	0	STERRASX	0,1289	62-1	0
62	0,075	STERRASX	-0,133	62-1	0,075
62	0	STERRADX	-7,5998	62-1	0
62	0,075	STERRADX	-6,7581	62-1	0,075
62	0	TERMP	-1,2887	62-1	0
62	0,075	TERMP	-1,2908	62-1	0,075
62	0	TERMN	3,8662	62-1	0
62	0,075	TERMN	3,8724	62-1	0,075
62	0	GRADTP	7,1124	62-1	0
62	0,075	GRADTP	7,4386	62-1	0,075
62	0	GRADTN	-7,1124	62-1	0
62	0,075	GRADTN	-7,4386	62-1	0,075
62	0	LM71C	-0,4088	62-1	0
62	0,075	LM71C	1,92	62-1	0,075
62	0	LM71SX	-0,9794	62-1	0
62	0,075	LM71SX	1,6865	62-1	0,075
62	0	LM71DX	0,5706	62-1	0
62	0,075	LM71DX	0,2335	62-1	0,075
62	0	STLM71	0,9284	62-1	0
62	0,075	STLM71	0,6124	62-1	0,075
62	0	AVVLM71	8,8917	62-1	0
62	0,075	AVVLM71	7,9904	62-1	0,075
62	0	SW2	-0,3367	62-1	0
62	0,075	SW2	1,5812	62-1	0,075
62	0	STSW2	0,7648	62-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
62	0,075	STSW2	0,5046	62-1	0,075
62	0	FRENSW2	9,4282	62-1	0
62	0,075	FRENSW2	8,4726	62-1	0,075
62	0	SERP	0	62-1	0
62	0,075	SERP	0	62-1	0,075
62	0	INCRTER	1,0812	62-1	0
62	0,075	INCRTER	0,7132	62-1	0,075
62	0	LM71SISO	3,1838	62-1	0
62	0,075	LM71SISO	2,8611	62-1	0,075
62	0	SW2SISO	2,6209	62-1	0
62	0,075	SW2SISO	2,3552	62-1	0,075
62	0	SISMAO	11,6728	62-1	0
62	0,075	SISMAO	10,4815	62-1	0,075
62	0	LM71SVA	0,0122	62-1	0
62	0,075	LM71SVA	-0,0571	62-1	0,075
62	0	SW2SVA	0,01	62-1	0
62	0,075	SW2SVA	-0,047	62-1	0,075
62	0	SISMAVA	-0,2426	62-1	0
62	0,075	SISMAVA	-0,4504	62-1	0,075
62	0	LM71SVB	-0,0122	62-1	0
62	0,075	LM71SVB	0,0571	62-1	0,075
62	0	SW2SVB	-0,01	62-1	0
62	0,075	SW2SVB	0,047	62-1	0,075
62	0	SISMAVB	0,2426	62-1	0
62	0,075	SISMAVB	0,4504	62-1	0,075
63	0	PP	1,9207	63-1	0
63	0,27	PP	1,6771	63-1	0,27
63	0,54	PP	0,8869	63-1	0,54
63	0	REINTSUP	0,6686	63-1	0
63	0,27	REINTSUP	2,6006	63-1	0,27
63	0,54	REINTSUP	2,987	63-1	0,54
63	0	BALLAST	0,4541	63-1	0
63	0,27	BALLAST	1,7664	63-1	0,27
63	0,54	BALLAST	2,0289	63-1	0,54
63	0	STERRASX	-0,133	63-1	0
63	0,27	STERRASX	-1,0759	63-1	0,27
63	0,54	STERRASX	-2,0188	63-1	0,54
63	0	STERRADX	-6,7581	63-1	0
63	0,27	STERRADX	-3,7281	63-1	0,27
63	0,54	STERRADX	-0,6982	63-1	0,54
63	0	TERMP	-1,2908	63-1	0
63	0,27	TERMP	-1,2982	63-1	0,27
63	0,54	TERMP	-1,3057	63-1	0,54
63	0	TERMN	3,8724	63-1	0
63	0,27	TERMN	3,8947	63-1	0,27
63	0,54	TERMN	3,917	63-1	0,54
63	0	GRADTP	7,4386	63-1	0
63	0,27	GRADTP	8,6129	63-1	0,27
63	0,54	GRADTP	9,7872	63-1	0,54
63	0	GRADTN	-7,4386	63-1	0
63	0,27	GRADTN	-8,6129	63-1	0,27
63	0,54	GRADTN	-9,7872	63-1	0,54
63	0	LM71C	1,92	63-1	0
63	0,27	LM71C	7,468	63-1	0,27
63	0,54	LM71C	8,5779	63-1	0,54
63	0	LM71SX	1,6865	63-1	0
63	0,27	LM71SX	8,4483	63-1	0,27
63	0,54	LM71SX	10,772	63-1	0,54
63	0	LM71DX	0,2335	63-1	0
63	0,27	LM71DX	-0,9803	63-1	0,27
63	0,54	LM71DX	-2,1941	63-1	0,54
63	0	STLM71	0,6124	63-1	0
63	0,27	STLM71	-0,5249	63-1	0,27
63	0,54	STLM71	-1,6622	63-1	0,54
63	0	AVVLM71	7,9904	63-1	0
63	0,27	AVVLM71	4,746	63-1	0,27
63	0,54	AVVLM71	1,5015	63-1	0,54
63	0	SW2	1,5812	63-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
216 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
63	0,27	SW2	6,1506	63-1	0,27
63	0,54	SW2	7,0646	63-1	0,54
63	0	STSW2	0,5046	63-1	0
63	0,27	STSW2	-0,4324	63-1	0,27
63	0,54	STSW2	-1,3694	63-1	0,54
63	0	FRENSW2	8,4726	63-1	0
63	0,27	FRENSW2	5,0323	63-1	0,27
63	0,54	FRENSW2	1,5921	63-1	0,54
63	0	SERP	0	63-1	0
63	0,27	SERP	0	63-1	0,27
63	0,54	SERP	0	63-1	0,54
63	0	INCRTER	0,7132	63-1	0
63	0,27	INCRTER	-0,6113	63-1	0,27
63	0,54	INCRTER	-1,9358	63-1	0,54
63	0	LM71SISO	2,8611	63-1	0
63	0,27	LM71SISO	1,6993	63-1	0,27
63	0,54	LM71SISO	0,5376	63-1	0,54
63	0	SW2SISO	2,3552	63-1	0
63	0,27	SW2SISO	1,3989	63-1	0,27
63	0,54	SW2SISO	0,4426	63-1	0,54
63	0	SISMAO	10,4815	63-1	0
63	0,27	SISMAO	6,1928	63-1	0,27
63	0,54	SISMAO	1,9041	63-1	0,54
63	0	LM71SVA	-0,0571	63-1	0
63	0,27	LM71SVA	-0,222	63-1	0,27
63	0,54	LM71SVA	-0,255	63-1	0,54
63	0	SW2SVA	-0,047	63-1	0
63	0,27	SW2SVA	-0,1828	63-1	0,27
63	0,54	SW2SVA	-0,2099	63-1	0,54
63	0	SISMAVA	-0,4504	63-1	0
63	0,27	SISMAVA	-0,8994	63-1	0,27
63	0,54	SISMAVA	-0,8804	63-1	0,54
63	0	LM71SVB	0,0571	63-1	0
63	0,27	LM71SVB	0,222	63-1	0,27
63	0,54	LM71SVB	0,255	63-1	0,54
63	0	SW2SVB	0,047	63-1	0
63	0,27	SW2SVB	0,1828	63-1	0,27
63	0,54	SW2SVB	0,2099	63-1	0,54
63	0	SISMAVB	0,4504	63-1	0
63	0,27	SISMAVB	0,8994	63-1	0,27
63	0,54	SISMAVB	0,8804	63-1	0,54
64	0	PP	0,8869	64-1	0
64	0,27	PP	-0,4498	64-1	0,27
64	0,54	PP	-2,3332	64-1	0,54
64	0	REINTSUP	2,987	64-1	0
64	0,27	REINTSUP	1,8281	64-1	0,27
64	0,54	REINTSUP	-0,8764	64-1	0,54
64	0	BALLAST	2,0289	64-1	0
64	0,27	BALLAST	1,2417	64-1	0,27
64	0,54	BALLAST	-0,5953	64-1	0,54
64	0	STERRASX	-2,0188	64-1	0
64	0,27	STERRASX	-2,9616	64-1	0,27
64	0,54	STERRASX	-3,9045	64-1	0,54
64	0	STERRADX	-0,6982	64-1	0
64	0,27	STERRADX	2,3318	64-1	0,27
64	0,54	STERRADX	5,3617	64-1	0,54
64	0	TERMP	-1,3057	64-1	0
64	0,27	TERMP	-1,3131	64-1	0,27
64	0,54	TERMP	-1,3205	64-1	0,54
64	0	TERMN	3,917	64-1	0
64	0,27	TERMN	3,9393	64-1	0,27
64	0,54	TERMN	3,9616	64-1	0,54
64	0	GRADTP	9,7872	64-1	0
64	0,27	GRADTP	10,9615	64-1	0,27
64	0,54	GRADTP	12,1358	64-1	0,54
64	0	GRADTN	-9,7872	64-1	0
64	0,27	GRADTN	-10,9615	64-1	0,27
64	0,54	GRADTN	-12,1358	64-1	0,54

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
217 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
64	0	LM71C	8,5779	64-1	0
64	0,27	LM71C	5,2496	64-1	0,27
64	0,54	LM71C	-2,5168	64-1	0,54
64	0	LM71SX	10,772	64-1	0
64	0,27	LM71SX	8,6575	64-1	0,27
64	0,54	LM71SX	2,1049	64-1	0,54
64	0	LM71DX	-2,1941	64-1	0
64	0,27	LM71DX	-3,4079	64-1	0,27
64	0,54	LM71DX	-4,6217	64-1	0,54
64	0	STLM71	-1,6622	64-1	0
64	0,27	STLM71	-2,7996	64-1	0,27
64	0,54	STLM71	-3,9369	64-1	0,54
64	0	AVVLM71	1,5015	64-1	0
64	0,27	AVVLM71	-1,743	64-1	0,27
64	0,54	AVVLM71	-4,9874	64-1	0,54
64	0	SW2	7,0646	64-1	0
64	0,27	SW2	4,3235	64-1	0,27
64	0,54	SW2	-2,0728	64-1	0,54
64	0	STSW2	-1,3694	64-1	0
64	0,27	STSW2	-2,3065	64-1	0,27
64	0,54	STSW2	-3,2435	64-1	0,54
64	0	FRENSW2	1,5921	64-1	0
64	0,27	FRENSW2	-1,8481	64-1	0,27
64	0,54	FRENSW2	-5,2884	64-1	0,54
64	0	SERP	0	64-1	0
64	0,27	SERP	0	64-1	0,27
64	0,54	SERP	0	64-1	0,54
64	0	INCRTER	-1,9358	64-1	0
64	0,27	INCRTER	-3,2604	64-1	0,27
64	0,54	INCRTER	-4,5849	64-1	0,54
64	0	LM71SISO	0,5376	64-1	0
64	0,27	LM71SISO	-0,6241	64-1	0,27
64	0,54	LM71SISO	-1,7858	64-1	0,54
64	0	SW2SISO	0,4426	64-1	0
64	0,27	SW2SISO	-0,5138	64-1	0,27
64	0,54	SW2SISO	-1,4701	64-1	0,54
64	0	SISMAO	1,9041	64-1	0
64	0,27	SISMAO	-2,3847	64-1	0,27
64	0,54	SISMAO	-6,6734	64-1	0,54
64	0	LM71SVA	-0,255	64-1	0
64	0,27	LM71SVA	-0,1561	64-1	0,27
64	0,54	LM71SVA	0,0748	64-1	0,54
64	0	SW2SVA	-0,2099	64-1	0
64	0,27	SW2SVA	-0,1285	64-1	0,27
64	0,54	SW2SVA	0,0616	64-1	0,54
64	0	SISMAVA	-0,8804	64-1	0
64	0,27	SISMAVA	-0,3934	64-1	0,27
64	0,54	SISMAVA	0,5616	64-1	0,54
64	0	LM71SVB	0,255	64-1	0
64	0,27	LM71SVB	0,1561	64-1	0,27
64	0,54	LM71SVB	-0,0748	64-1	0,54
64	0	SW2SVB	0,2099	64-1	0
64	0,27	SW2SVB	0,1285	64-1	0,27
64	0,54	SW2SVB	-0,0616	64-1	0,54
64	0	SISMAVB	0,8804	64-1	0
64	0,27	SISMAVB	0,3934	64-1	0,27
64	0,54	SISMAVB	-0,5616	64-1	0,54
65	0	PP	-2,3332	65-1	0
65	0,12	PP	-3,3457	65-1	0,12
65	0	REINTSUP	-0,8764	65-1	0
65	0,12	REINTSUP	-2,5745	65-1	0,12
65	0	BALLAST	-0,5953	65-1	0
65	0,12	BALLAST	-1,7487	65-1	0,12
65	0	STERRASX	-3,9045	65-1	0
65	0,12	STERRASX	-4,3236	65-1	0,12
65	0	STERRADX	5,3617	65-1	0
65	0,12	STERRADX	6,7084	65-1	0,12
65	0	TERMP	-1,3205	65-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
218 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
65	0,12	TERMP	-1,3238	65-1	0,12
65	0	TERMN	3,9616	65-1	0
65	0,12	TERMN	3,9715	65-1	0,12
65	0	GRADTP	12,1358	65-1	0
65	0,12	GRADTP	12,6577	65-1	0,12
65	0	GRADTN	-12,1358	65-1	0
65	0,12	GRADTN	-12,6577	65-1	0,12
65	0	LM71C	-2,5168	65-1	0
65	0,12	LM71C	-7,3931	65-1	0,12
65	0	LM71SX	2,1049	65-1	0
65	0,12	LM71SX	-2,2319	65-1	0,12
65	0	LM71DX	-4,6217	65-1	0
65	0,12	LM71DX	-5,1611	65-1	0,12
65	0	STLM71	-3,9369	65-1	0
65	0,12	STLM71	-4,4424	65-1	0,12
65	0	AVVLM71	-4,9874	65-1	0
65	0,12	AVVLM71	-6,4294	65-1	0,12
65	0	SW2	-2,0728	65-1	0
65	0,12	SW2	-6,0889	65-1	0,12
65	0	STSW2	-3,2435	65-1	0
65	0,12	STSW2	-3,6599	65-1	0,12
65	0	FRENSW2	-5,2884	65-1	0
65	0,12	FRENSW2	-6,8174	65-1	0,12
65	0	SERP	0	65-1	0
65	0,12	SERP	0	65-1	0,12
65	0	INCRTER	-4,5849	65-1	0
65	0,12	INCRTER	-5,1736	65-1	0,12
65	0	LM71SISO	-1,7858	65-1	0
65	0,12	LM71SISO	-2,3021	65-1	0,12
65	0	SW2SISO	-1,4701	65-1	0
65	0,12	SW2SISO	-1,8951	65-1	0,12
65	0	SISMAO	-6,6734	65-1	0
65	0,12	SISMAO	-8,5795	65-1	0,12
65	0	LM71SVA	0,0748	65-1	0
65	0,12	LM71SVA	0,2198	65-1	0,12
65	0	SW2SVA	0,0616	65-1	0
65	0,12	SW2SVA	0,1809	65-1	0,12
65	0	SISMAVA	0,5616	65-1	0
65	0,12	SISMAVA	1,1363	65-1	0,12
65	0	LM71SVB	-0,0748	65-1	0
65	0,12	LM71SVB	-0,2198	65-1	0,12
65	0	SW2SVB	-0,0616	65-1	0
65	0,12	SW2SVB	-0,1809	65-1	0,12
65	0	SISMAVB	-0,5616	65-1	0
65	0,12	SISMAVB	-1,1363	65-1	0,12
66	0	PP	-3,3457	66-1	0
66	0,075	PP	-4,0333	66-1	0,075
66	0	REINTSUP	-2,5745	66-1	0
66	0,075	REINTSUP	-3,7908	66-1	0,075
66	0	BALLAST	-1,7487	66-1	0
66	0,075	BALLAST	-2,5749	66-1	0,075
66	0	STERRASX	-4,3236	66-1	0
66	0,075	STERRASX	-4,5855	66-1	0,075
66	0	STERRADX	6,7084	66-1	0
66	0,075	STERRADX	7,55	66-1	0,075
66	0	TERMP	-1,3238	66-1	0
66	0,075	TERMP	-1,3259	66-1	0,075
66	0	TERMN	3,9715	66-1	0
66	0,075	TERMN	3,9777	66-1	0,075
66	0	GRADTP	12,6577	66-1	0
66	0,075	GRADTP	12,9839	66-1	0,075
66	0	GRADTN	-12,6577	66-1	0
66	0,075	GRADTN	-12,9839	66-1	0,075
66	0	LM71C	-7,3931	66-1	0
66	0,075	LM71C	-10,886	66-1	0,075
66	0	LM71SX	-2,2319	66-1	0
66	0,075	LM71SX	-5,3877	66-1	0,075
66	0	LM71DX	-5,1611	66-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
219 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
66	0,075	LM71DX	-5,4983	66-1	0,075
66	0	STLM71	-4,4424	66-1	0
66	0,075	STLM71	-4,7583	66-1	0,075
66	0	AVVLM71	-6,4294	66-1	0
66	0,075	AVVLM71	-7,3307	66-1	0,075
66	0	SW2	-6,0889	66-1	0
66	0,075	SW2	-8,9656	66-1	0,075
66	0	STSW2	-3,6599	66-1	0
66	0,075	STSW2	-3,9202	66-1	0,075
66	0	FRENSW2	-6,8174	66-1	0
66	0,075	FRENSW2	-7,773	66-1	0,075
66	0	SERP	0	66-1	0
66	0,075	SERP	0	66-1	0,075
66	0	INCRTER	-5,1736	66-1	0
66	0,075	INCRTER	-5,5415	66-1	0,075
66	0	LM71SISO	-2,3021	66-1	0
66	0,075	LM71SISO	-2,6248	66-1	0,075
66	0	SW2SISO	-1,8951	66-1	0
66	0,075	SW2SISO	-2,1608	66-1	0,075
66	0	SISMAO	-8,5795	66-1	0
66	0,075	SISMAO	-9,7708	66-1	0,075
66	0	LM71SVA	0,2198	66-1	0
66	0,075	LM71SVA	0,3236	66-1	0,075
66	0	SW2SVA	0,1809	66-1	0
66	0,075	SW2SVA	0,2664	66-1	0,075
66	0	SISMAVA	1,1363	66-1	0
66	0,075	SISMAVA	1,5424	66-1	0,075
66	0	LM71SVB	-0,2198	66-1	0
66	0,075	LM71SVB	-0,3236	66-1	0,075
66	0	SW2SVB	-0,1809	66-1	0
66	0,075	SW2SVB	-0,2664	66-1	0,075
66	0	SISMAVB	-1,1363	66-1	0
66	0,075	SISMAVB	-1,5424	66-1	0,075
67	0	PP	-4,0333	67-1	0
67	0,075	PP	-4,7632	67-1	0,075
67	0	REINTSUP	-3,7908	67-1	0
67	0,075	REINTSUP	-5,1263	67-1	0,075
67	0	BALLAST	-2,5749	67-1	0
67	0,075	BALLAST	-3,482	67-1	0,075
67	0	STERRASX	-4,5855	67-1	0
67	0,075	STERRASX	-4,8474	67-1	0,075
67	0	STERRADX	7,55	67-1	0
67	0,075	STERRADX	8,3917	67-1	0,075
67	0	TERMP	-1,3259	67-1	0
67	0,075	TERMP	-1,328	67-1	0,075
67	0	TERMN	3,9777	67-1	0
67	0,075	TERMN	3,9839	67-1	0,075
67	0	GRADTP	12,9839	67-1	0
67	0,075	GRADTP	13,3101	67-1	0,075
67	0	GRADTN	-12,9839	67-1	0
67	0,075	GRADTN	-13,3101	67-1	0,075
67	0	LM71C	-10,886	67-1	0
67	0,075	LM71C	-14,7213	67-1	0,075
67	0	LM71SX	-5,3877	67-1	0
67	0,075	LM71SX	-8,8858	67-1	0,075
67	0	LM71DX	-5,4983	67-1	0
67	0,075	LM71DX	-5,8355	67-1	0,075
67	0	STLM71	-4,7583	67-1	0
67	0,075	STLM71	-5,0743	67-1	0,075
67	0	AVVLM71	-7,3307	67-1	0
67	0,075	AVVLM71	-8,2319	67-1	0,075
67	0	SW2	-8,9656	67-1	0
67	0,075	SW2	-12,1243	67-1	0,075
67	0	STSW2	-3,9202	67-1	0
67	0,075	STSW2	-4,1805	67-1	0,075
67	0	FRENSW2	-7,773	67-1	0
67	0,075	FRENSW2	-8,7286	67-1	0,075
67	0	SERP	0	67-1	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
220 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
67	0,075	SERP	0	67-1	0,075
67	0	INCRTER	-5,5415	67-1	0
67	0,075	INCRTER	-5,9094	67-1	0,075
67	0	LM71SISO	-2,6248	67-1	0
67	0,075	LM71SISO	-2,9475	67-1	0,075
67	0	SW2SISO	-2,1608	67-1	0
67	0,075	SW2SISO	-2,4264	67-1	0,075
67	0	SISMAO	-9,7708	67-1	0
67	0,075	SISMAO	-10,9622	67-1	0,075
67	0	LM71SVA	0,3236	67-1	0
67	0,075	LM71SVA	0,4377	67-1	0,075
67	0	SW2SVA	0,2664	67-1	0
67	0,075	SW2SVA	0,3603	67-1	0,075
67	0	SISMAVA	1,5424	67-1	0
67	0,075	SISMAVA	1,9847	67-1	0,075
67	0	LM71SVB	-0,3236	67-1	0
67	0,075	LM71SVB	-0,4377	67-1	0,075
67	0	SW2SVB	-0,2664	67-1	0
67	0,075	SW2SVB	-0,3603	67-1	0,075
67	0	SISMAVB	-1,5424	67-1	0
67	0,075	SISMAVB	-1,9847	67-1	0,075
68	0	PP	-4,7632	68-1	0
68	0,075	PP	-4,0333	68-1	0,075
68	0	REINTSUP	-5,1263	68-1	0
68	0,075	REINTSUP	-3,7908	68-1	0,075
68	0	BALLAST	-3,482	68-1	0
68	0,075	BALLAST	-2,5749	68-1	0,075
68	0	STERRASX	8,3917	68-1	0
68	0,075	STERRASX	7,55	68-1	0,075
68	0	STERRADX	-4,8474	68-1	0
68	0,075	STERRADX	-4,5855	68-1	0,075
68	0	TERMP	-1,328	68-1	0
68	0,075	TERMP	-1,3259	68-1	0,075
68	0	TERMN	3,9839	68-1	0
68	0,075	TERMN	3,9777	68-1	0,075
68	0	GRADTP	13,3101	68-1	0
68	0,075	GRADTP	12,9839	68-1	0,075
68	0	GRADTN	-13,3101	68-1	0
68	0,075	GRADTN	-12,9839	68-1	0,075
68	0	LM71C	-14,7213	68-1	0
68	0,075	LM71C	-10,886	68-1	0,075
68	0	LM71SX	-5,8355	68-1	0
68	0,075	LM71SX	-5,4983	68-1	0,075
68	0	LM71DX	-8,8858	68-1	0
68	0,075	LM71DX	-5,3877	68-1	0,075
68	0	STLM71	7,939	68-1	0
68	0,075	STLM71	7,1332	68-1	0,075
68	0	AVVLM71	8,2319	68-1	0
68	0,075	AVVLM71	7,3307	68-1	0,075
68	0	SW2	-12,1243	68-1	0
68	0,075	SW2	-8,9656	68-1	0,075
68	0	STSW2	6,5406	68-1	0
68	0,075	STSW2	5,8767	68-1	0,075
68	0	FRENSW2	8,7286	68-1	0
68	0,075	FRENSW2	7,773	68-1	0,075
68	0	SERP	0	68-1	0
68	0,075	SERP	0	68-1	0,075
68	0	INCRTER	9,2457	68-1	0
68	0,075	INCRTER	8,3072	68-1	0,075
68	0	LM71SISO	2,9475	68-1	0
68	0,075	LM71SISO	2,6248	68-1	0,075
68	0	SW2SISO	2,4264	68-1	0
68	0,075	SW2SISO	2,1608	68-1	0,075
68	0	SISMAO	10,9622	68-1	0
68	0,075	SISMAO	9,7708	68-1	0,075
68	0	LM71SVA	0,4377	68-1	0
68	0,075	LM71SVA	0,3236	68-1	0,075
68	0	SW2SVA	0,3603	68-1	0

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GRUPPO FERROVIE DELLO STATO ITALIANE

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
221 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
68	0,075	SW2SVA	0,2664	68-1	0,075
68	0	SISMAVA	1,9847	68-1	0
68	0,075	SISMAVA	1,5424	68-1	0,075
68	0	LM71SVB	-0,4377	68-1	0
68	0,075	LM71SVB	-0,3236	68-1	0,075
68	0	SW2SVB	-0,3603	68-1	0
68	0,075	SW2SVB	-0,2664	68-1	0,075
68	0	SISMAVB	-1,9847	68-1	0
68	0,075	SISMAVB	-1,5424	68-1	0,075
69	0	PP	-4,0333	69-1	0
69	0,075	PP	-3,3457	69-1	0,075
69	0	REINTSUP	-3,7908	69-1	0
69	0,075	REINTSUP	-2,5745	69-1	0,075
69	0	BALLAST	-2,5749	69-1	0
69	0,075	BALLAST	-1,7487	69-1	0,075
69	0	STERRASX	7,55	69-1	0
69	0,075	STERRASX	6,7084	69-1	0,075
69	0	STERRADX	-4,5855	69-1	0
69	0,075	STERRADX	-4,3236	69-1	0,075
69	0	TERMP	-1,3259	69-1	0
69	0,075	TERMP	-1,3238	69-1	0,075
69	0	TERMN	3,9777	69-1	0
69	0,075	TERMN	3,9715	69-1	0,075
69	0	GRADTP	12,9839	69-1	0
69	0,075	GRADTP	12,6577	69-1	0,075
69	0	GRADTN	-12,9839	69-1	0
69	0,075	GRADTN	-12,6577	69-1	0,075
69	0	LM71C	-10,886	69-1	0
69	0,075	LM71C	-7,3931	69-1	0,075
69	0	LM71SX	-5,4983	69-1	0
69	0,075	LM71SX	-5,1611	69-1	0,075
69	0	LM71DX	-5,3877	69-1	0
69	0,075	LM71DX	-2,2319	69-1	0,075
69	0	STLM71	7,1332	69-1	0
69	0,075	STLM71	6,3274	69-1	0,075
69	0	AVVLM71	7,3307	69-1	0
69	0,075	AVVLM71	6,4294	69-1	0,075
69	0	SW2	-8,9656	69-1	0
69	0,075	SW2	-6,0889	69-1	0,075
69	0	STSW2	5,8767	69-1	0
69	0,075	STSW2	5,2128	69-1	0,075
69	0	FRENSW2	7,773	69-1	0
69	0,075	FRENSW2	6,8174	69-1	0,075
69	0	SERP	0	69-1	0
69	0,075	SERP	0	69-1	0,075
69	0	INCRTER	8,3072	69-1	0
69	0,075	INCRTER	7,3687	69-1	0,075
69	0	LM71SISO	2,6248	69-1	0
69	0,075	LM71SISO	2,3021	69-1	0,075
69	0	SW2SISO	2,1608	69-1	0
69	0,075	SW2SISO	1,8951	69-1	0,075
69	0	SISMAO	9,7708	69-1	0
69	0,075	SISMAO	8,5795	69-1	0,075
69	0	LM71SVA	0,3236	69-1	0
69	0,075	LM71SVA	0,2198	69-1	0,075
69	0	SW2SVA	0,2664	69-1	0
69	0,075	SW2SVA	0,1809	69-1	0,075
69	0	SISMAVA	1,5424	69-1	0
69	0,075	SISMAVA	1,1363	69-1	0,075
69	0	LM71SVB	-0,3236	69-1	0
69	0,075	LM71SVB	-0,2198	69-1	0,075
69	0	SW2SVB	-0,2664	69-1	0
69	0,075	SW2SVB	-0,1809	69-1	0,075
69	0	SISMAVB	-1,5424	69-1	0
69	0,075	SISMAVB	-1,1363	69-1	0,075
70	0	PP	-3,3457	70-1	0
70	0,12	PP	-2,3332	70-1	0,12
70	0	REINTSUP	-2,5745	70-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
70	0,12	REINTSUP	-0,8764	70-1	0,12
70	0	BALLAST	-1,7487	70-1	0
70	0,12	BALLAST	-0,5953	70-1	0,12
70	0	STERRASX	6,7084	70-1	0
70	0,12	STERRASX	5,3617	70-1	0,12
70	0	STERRADX	-4,3236	70-1	0
70	0,12	STERRADX	-3,9045	70-1	0,12
70	0	TERMP	-1,3238	70-1	0
70	0,12	TERMP	-1,3205	70-1	0,12
70	0	TERMN	3,9715	70-1	0
70	0,12	TERMN	3,9616	70-1	0,12
70	0	GRADTP	12,6577	70-1	0
70	0,12	GRADTP	12,1358	70-1	0,12
70	0	GRADTN	-12,6577	70-1	0
70	0,12	GRADTN	-12,1358	70-1	0,12
70	0	LM71C	-7,3931	70-1	0
70	0,12	LM71C	-2,5168	70-1	0,12
70	0	LM71SX	-5,1611	70-1	0
70	0,12	LM71SX	-4,6217	70-1	0,12
70	0	LM71DX	-2,2319	70-1	0
70	0,12	LM71DX	2,1049	70-1	0,12
70	0	STLM71	6,3274	70-1	0
70	0,12	STLM71	5,038	70-1	0,12
70	0	AVVLM71	6,4294	70-1	0
70	0,12	AVVLM71	4,9874	70-1	0,12
70	0	SW2	-6,0889	70-1	0
70	0,12	SW2	-2,0728	70-1	0,12
70	0	STSW2	5,2128	70-1	0
70	0,12	STSW2	4,1506	70-1	0,12
70	0	FRENSW2	6,8174	70-1	0
70	0,12	FRENSW2	5,2884	70-1	0,12
70	0	SERP	0	70-1	0
70	0,12	SERP	0	70-1	0,12
70	0	INCRTER	7,3687	70-1	0
70	0,12	INCRTER	5,8672	70-1	0,12
70	0	LM71SISO	2,3021	70-1	0
70	0,12	LM71SISO	1,7858	70-1	0,12
70	0	SW2SISO	1,8951	70-1	0
70	0,12	SW2SISO	1,4701	70-1	0,12
70	0	SISMAO	8,5795	70-1	0
70	0,12	SISMAO	6,6734	70-1	0,12
70	0	LM71SVA	0,2198	70-1	0
70	0,12	LM71SVA	0,0748	70-1	0,12
70	0	SW2SVA	0,1809	70-1	0
70	0,12	SW2SVA	0,0616	70-1	0,12
70	0	SISMAVA	1,1363	70-1	0
70	0,12	SISMAVA	0,5616	70-1	0,12
70	0	LM71SVB	-0,2198	70-1	0
70	0,12	LM71SVB	-0,0748	70-1	0,12
70	0	SW2SVB	-0,1809	70-1	0
70	0,12	SW2SVB	-0,0616	70-1	0,12
70	0	SISMAVB	-1,1363	70-1	0
70	0,12	SISMAVB	-0,5616	70-1	0,12
71	0	PP	-2,3332	71-1	0
71	0,27	PP	-0,4498	71-1	0,27
71	0,54	PP	0,8869	71-1	0,54
71	0	REINTSUP	-0,8764	71-1	0
71	0,27	REINTSUP	1,8281	71-1	0,27
71	0,54	REINTSUP	2,987	71-1	0,54
71	0	BALLAST	-0,5953	71-1	0
71	0,27	BALLAST	1,2417	71-1	0,27
71	0,54	BALLAST	2,0289	71-1	0,54
71	0	STERRASX	5,3617	71-1	0
71	0,27	STERRASX	2,3318	71-1	0,27
71	0,54	STERRASX	-0,6982	71-1	0,54
71	0	STERRADX	-3,9045	71-1	0
71	0,27	STERRADX	-2,9616	71-1	0,27
71	0,54	STERRADX	-2,0188	71-1	0,54

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
223 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
71	0	TERMP	-1,3205	71-1	0
71	0,27	TERMP	-1,3131	71-1	0,27
71	0,54	TERMP	-1,3057	71-1	0,54
71	0	TERMN	3,9616	71-1	0
71	0,27	TERMN	3,9393	71-1	0,27
71	0,54	TERMN	3,917	71-1	0,54
71	0	GRADTP	12,1358	71-1	0
71	0,27	GRADTP	10,9615	71-1	0,27
71	0,54	GRADTP	9,7872	71-1	0,54
71	0	GRADTN	-12,1358	71-1	0
71	0,27	GRADTN	-10,9615	71-1	0,27
71	0,54	GRADTN	-9,7872	71-1	0,54
71	0	LM71C	-2,5168	71-1	0
71	0,27	LM71C	5,2496	71-1	0,27
71	0,54	LM71C	8,5779	71-1	0,54
71	0	LM71SX	-4,6217	71-1	0
71	0,27	LM71SX	-3,4079	71-1	0,27
71	0,54	LM71SX	-2,1941	71-1	0,54
71	0	LM71DX	2,1049	71-1	0
71	0,27	LM71DX	8,6575	71-1	0,27
71	0,54	LM71DX	10,772	71-1	0,54
71	0	STLM71	5,038	71-1	0
71	0,27	STLM71	2,1369	71-1	0,27
71	0,54	STLM71	-0,7641	71-1	0,54
71	0	AVVLM71	4,9874	71-1	0
71	0,27	AVVLM71	1,743	71-1	0,27
71	0,54	AVVLM71	-1,5015	71-1	0,54
71	0	SW2	-2,0728	71-1	0
71	0,27	SW2	4,3235	71-1	0,27
71	0,54	SW2	7,0646	71-1	0,54
71	0	STSW2	4,1506	71-1	0
71	0,27	STSW2	1,7605	71-1	0,27
71	0,54	STSW2	-0,6295	71-1	0,54
71	0	FRENSW2	5,2884	71-1	0
71	0,27	FRENSW2	1,8481	71-1	0,27
71	0,54	FRENSW2	-1,5921	71-1	0,54
71	0	SERP	0	71-1	0
71	0,27	SERP	0	71-1	0,27
71	0,54	SERP	0	71-1	0,54
71	0	INCRTER	5,8672	71-1	0
71	0,27	INCRTER	2,4886	71-1	0,27
71	0,54	INCRTER	-0,8899	71-1	0,54
71	0	LM71SISO	1,7858	71-1	0
71	0,27	LM71SISO	0,6241	71-1	0,27
71	0,54	LM71SISO	-0,5376	71-1	0,54
71	0	SW2SISO	1,4701	71-1	0
71	0,27	SW2SISO	0,5138	71-1	0,27
71	0,54	SW2SISO	-0,4426	71-1	0,54
71	0	SISMAO	6,6734	71-1	0
71	0,27	SISMAO	2,3847	71-1	0,27
71	0,54	SISMAO	-1,9041	71-1	0,54
71	0	LM71SVA	0,0748	71-1	0
71	0,27	LM71SVA	-0,1561	71-1	0,27
71	0,54	LM71SVA	-0,255	71-1	0,54
71	0	SW2SVA	0,0616	71-1	0
71	0,27	SW2SVA	-0,1285	71-1	0,27
71	0,54	SW2SVA	-0,2099	71-1	0,54
71	0	SISMAVA	0,5616	71-1	0
71	0,27	SISMAVA	-0,3934	71-1	0,27
71	0,54	SISMAVA	-0,8804	71-1	0,54
71	0	LM71SVB	-0,0748	71-1	0
71	0,27	LM71SVB	0,1561	71-1	0,27
71	0,54	LM71SVB	0,255	71-1	0,54
71	0	SW2SVB	-0,0616	71-1	0
71	0,27	SW2SVB	0,1285	71-1	0,27
71	0,54	SW2SVB	0,2099	71-1	0,54
71	0	SISMAVB	-0,5616	71-1	0
71	0,27	SISMAVB	0,3934	71-1	0,27

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
71	0,54	SISMAVB	0,8804	71-1	0,54
72	0	PP	0,8869	72-1	0
72	0,27	PP	1,6771	72-1	0,27
72	0,54	PP	1,9207	72-1	0,54
72	0	REINTSUP	2,987	72-1	0
72	0,27	REINTSUP	2,6006	72-1	0,27
72	0,54	REINTSUP	0,6686	72-1	0,54
72	0	BALLAST	2,0289	72-1	0
72	0,27	BALLAST	1,7664	72-1	0,27
72	0,54	BALLAST	0,4541	72-1	0,54
72	0	STERRASX	-0,6982	72-1	0
72	0,27	STERRASX	-3,7281	72-1	0,27
72	0,54	STERRASX	-6,7581	72-1	0,54
72	0	STERRADX	-2,0188	72-1	0
72	0,27	STERRADX	-1,0759	72-1	0,27
72	0,54	STERRADX	-0,133	72-1	0,54
72	0	TERMP	-1,3057	72-1	0
72	0,27	TERMP	-1,2982	72-1	0,27
72	0,54	TERMP	-1,2908	72-1	0,54
72	0	TERMN	3,917	72-1	0
72	0,27	TERMN	3,8947	72-1	0,27
72	0,54	TERMN	3,8724	72-1	0,54
72	0	GRADTP	9,7872	72-1	0
72	0,27	GRADTP	8,6129	72-1	0,27
72	0,54	GRADTP	7,4386	72-1	0,54
72	0	GRADTN	-9,7872	72-1	0
72	0,27	GRADTN	-8,6129	72-1	0,27
72	0,54	GRADTN	-7,4386	72-1	0,54
72	0	LM71C	8,5779	72-1	0
72	0,27	LM71C	7,468	72-1	0,27
72	0,54	LM71C	1,92	72-1	0,54
72	0	LM71SX	-2,1941	72-1	0
72	0,27	LM71SX	-0,9803	72-1	0,27
72	0,54	LM71SX	0,2335	72-1	0,54
72	0	LM71DX	10,772	72-1	0
72	0,27	LM71DX	8,4483	72-1	0,27
72	0,54	LM71DX	1,6865	72-1	0,54
72	0	STLM71	-0,7641	72-1	0
72	0,27	STLM71	-3,6652	72-1	0,27
72	0,54	STLM71	-6,5662	72-1	0,54
72	0	AVVLM71	-1,5015	72-1	0
72	0,27	AVVLM71	-4,746	72-1	0,27
72	0,54	AVVLM71	-7,9904	72-1	0,54
72	0	SW2	7,0646	72-1	0
72	0,27	SW2	6,1506	72-1	0,27
72	0,54	SW2	1,5812	72-1	0,54
72	0	STSW2	-0,6295	72-1	0
72	0,27	STSW2	-3,0196	72-1	0,27
72	0,54	STSW2	-5,4096	72-1	0,54
72	0	FRENSW2	-1,5921	72-1	0
72	0,27	FRENSW2	-5,0323	72-1	0,27
72	0,54	FRENSW2	-8,4726	72-1	0,54
72	0	SERP	0	72-1	0
72	0,27	SERP	0	72-1	0,27
72	0,54	SERP	0	72-1	0,54
72	0	INCRTER	-0,8899	72-1	0
72	0,27	INCRTER	-4,2684	72-1	0,27
72	0,54	INCRTER	-7,6469	72-1	0,54
72	0	LM71SISO	-0,5376	72-1	0
72	0,27	LM71SISO	-1,6993	72-1	0,27
72	0,54	LM71SISO	-2,8611	72-1	0,54
72	0	SW2SISO	-0,4426	72-1	0
72	0,27	SW2SISO	-1,3989	72-1	0,27
72	0,54	SW2SISO	-2,3552	72-1	0,54
72	0	SISMAO	-1,9041	72-1	0
72	0,27	SISMAO	-6,1928	72-1	0,27
72	0,54	SISMAO	-10,4815	72-1	0,54
72	0	LM71SVA	-0,255	72-1	0

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
225 di 294

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
72	0,27	LM71SVA	-0,222	72-1	0,27
72	0,54	LM71SVA	-0,0571	72-1	0,54
72	0	SW2SVA	-0,2099	72-1	0
72	0,27	SW2SVA	-0,1828	72-1	0,27
72	0,54	SW2SVA	-0,047	72-1	0,54
72	0	SISMAVA	-0,8804	72-1	0
72	0,27	SISMAVA	-0,8994	72-1	0,27
72	0,54	SISMAVA	-0,4504	72-1	0,54
72	0	LM71SVB	0,255	72-1	0
72	0,27	LM71SVB	0,222	72-1	0,27
72	0,54	LM71SVB	0,0571	72-1	0,54
72	0	SW2SVB	0,2099	72-1	0
72	0,27	SW2SVB	0,1828	72-1	0,27
72	0,54	SW2SVB	0,047	72-1	0,54
72	0	SISMAVB	0,8804	72-1	0
72	0,27	SISMAVB	0,8994	72-1	0,27
72	0,54	SISMAVB	0,4504	72-1	0,54
73	0	PP	1,9207	73-1	0
73	0,075	PP	1,8914	73-1	0,075
73	0	REINTSUP	0,6686	73-1	0
73	0,075	REINTSUP	-0,1424	73-1	0,075
73	0	BALLAST	0,4541	73-1	0
73	0,075	BALLAST	-0,0967	73-1	0,075
73	0	STERRASX	-6,7581	73-1	0
73	0,075	STERRASX	-7,5998	73-1	0,075
73	0	STERRADX	-0,133	73-1	0
73	0,075	STERRADX	0,1289	73-1	0,075
73	0	TERMP	-1,2908	73-1	0
73	0,075	TERMP	-1,2887	73-1	0,075
73	0	TERMN	3,8724	73-1	0
73	0,075	TERMN	3,8662	73-1	0,075
73	0	GRADTP	7,4386	73-1	0
73	0,075	GRADTP	7,1124	73-1	0,075
73	0	GRADTN	-7,4386	73-1	0
73	0,075	GRADTN	-7,1124	73-1	0,075
73	0	LM71C	1,92	73-1	0
73	0,075	LM71C	-0,4088	73-1	0,075
73	0	LM71SX	0,2335	73-1	0
73	0,075	LM71SX	0,5706	73-1	0,075
73	0	LM71DX	1,6865	73-1	0
73	0,075	LM71DX	-0,9794	73-1	0,075
73	0	STLM71	-6,5662	73-1	0
73	0,075	STLM71	-7,3721	73-1	0,075
73	0	AVVLM71	-7,9904	73-1	0
73	0,075	AVVLM71	-8,8917	73-1	0,075
73	0	SW2	1,5812	73-1	0
73	0,075	SW2	-0,3367	73-1	0,075
73	0	STSW2	-5,4096	73-1	0
73	0,075	STSW2	-6,0735	73-1	0,075
73	0	FRENSW2	-8,4726	73-1	0
73	0,075	FRENSW2	-9,4282	73-1	0,075
73	0	SERP	0	73-1	0
73	0,075	SERP	0	73-1	0,075
73	0	INCRTER	-7,6469	73-1	0
73	0,075	INCRTER	-8,5854	73-1	0,075
73	0	LM71SISO	-2,8611	73-1	0
73	0,075	LM71SISO	-3,1838	73-1	0,075
73	0	SW2SISO	-2,3552	73-1	0
73	0,075	SW2SISO	-2,6209	73-1	0,075
73	0	SISMAO	-10,4815	73-1	0
73	0,075	SISMAO	-11,6728	73-1	0,075
73	0	LM71SVA	-0,0571	73-1	0
73	0,075	LM71SVA	0,0122	73-1	0,075
73	0	SW2SVA	-0,047	73-1	0
73	0,075	SW2SVA	0,01	73-1	0,075
73	0	SISMAVA	-0,4504	73-1	0
73	0,075	SISMAVA	-0,2426	73-1	0,075
73	0	LM71SVB	0,0571	73-1	0



Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 226 di 294
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Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
73	0,075	LM71SVB	-0,0122	73-1	0,075
73	0	SW2SVB	0,047	73-1	0
73	0,075	SW2SVB	-0,01	73-1	0,075
73	0	SISMAVB	0,4504	73-1	0
73	0,075	SISMAVB	0,2426	73-1	0,075
74	0	PP	1,8914	74-1	0
74	0,075	PP	1,8199	74-1	0,075
74	0	REINTSUP	-0,1424	74-1	0
74	0,075	REINTSUP	-1,0725	74-1	0,075
74	0	BALLAST	-0,0967	74-1	0
74	0,075	BALLAST	-0,7285	74-1	0,075
74	0	STERRASX	-7,5998	74-1	0
74	0,075	STERRASX	-8,4414	74-1	0,075
74	0	STERRADX	0,1289	74-1	0
74	0,075	STERRADX	0,3908	74-1	0,075
74	0	TERMP	-1,2887	74-1	0
74	0,075	TERMP	-1,2867	74-1	0,075
74	0	TERMN	3,8662	74-1	0
74	0,075	TERMN	3,86	74-1	0,075
74	0	GRADTP	7,1124	74-1	0
74	0,075	GRADTP	6,7862	74-1	0,075
74	0	GRADTN	-7,1124	74-1	0
74	0,075	GRADTN	-6,7862	74-1	0,075
74	0	LM71C	-0,4088	74-1	0
74	0,075	LM71C	-3,08	74-1	0,075
74	0	LM71SX	0,5706	74-1	0
74	0,075	LM71SX	0,9078	74-1	0,075
74	0	LM71DX	-0,9794	74-1	0
74	0,075	LM71DX	-3,9878	74-1	0,075
74	0	STLM71	-7,3721	74-1	0
74	0,075	STLM71	-8,1779	74-1	0,075
74	0	AVVLM71	-8,8917	74-1	0
74	0,075	AVVLM71	-9,7929	74-1	0,075
74	0	SW2	-0,3367	74-1	0
74	0,075	SW2	-2,5367	74-1	0,075
74	0	STSW2	-6,0735	74-1	0
74	0,075	STSW2	-6,7374	74-1	0,075
74	0	FRENSW2	-9,4282	74-1	0
74	0,075	FRENSW2	-10,3838	74-1	0,075
74	0	SERP	0	74-1	0
74	0,075	SERP	0	74-1	0,075
74	0	INCRTER	-8,5854	74-1	0
74	0,075	INCRTER	-9,5239	74-1	0,075
74	0	LM71SISO	-3,1838	74-1	0
74	0,075	LM71SISO	-3,5065	74-1	0,075
74	0	SW2SISO	-2,6209	74-1	0
74	0,075	SW2SISO	-2,8865	74-1	0,075
74	0	SISMAO	-11,6728	74-1	0
74	0,075	SISMAO	-12,8642	74-1	0,075
74	0	LM71SVA	0,0122	74-1	0
74	0,075	LM71SVA	0,0916	74-1	0,075
74	0	SW2SVA	0,01	74-1	0
74	0,075	SW2SVA	0,0754	74-1	0,075
74	0	SISMAVA	-0,2426	74-1	0
74	0,075	SISMAVA	0,0013	74-1	0,075
74	0	LM71SVB	-0,0122	74-1	0
74	0,075	LM71SVB	-0,0916	74-1	0,075
74	0	SW2SVB	-0,01	74-1	0
74	0,075	SW2SVB	-0,0754	74-1	0,075
74	0	SISMAVB	0,2426	74-1	0
74	0,075	SISMAVB	-0,0013	74-1	0,075

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
37	INCRTER	GLOBAL	Force	X	RelDist	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
227 di 294

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
37	SISMAO	GLOBAL	Force	X	RelDist	0
37	SISMAVA	GLOBAL	Force	Z	RelDist	0
37	SISMAVB	GLOBAL	Force	Z	RelDist	0
37	STERRASX	GLOBAL	Force	X	RelDist	0
37	STLM71	GLOBAL	Force	X	RelDist	0
37	STSW2	GLOBAL	Force	X	RelDist	0
39	SISMAO	GLOBAL	Force	X	RelDist	0
39	SISMAVA	GLOBAL	Force	Z	RelDist	0
39	SISMAVB	GLOBAL	Force	Z	RelDist	0
39	STERRADX	GLOBAL	Force	X	RelDist	0
40	INCRTER	GLOBAL	Force	X	RelDist	0
40	SISMAO	GLOBAL	Force	X	RelDist	0
40	SISMAVA	GLOBAL	Force	Z	RelDist	0
40	SISMAVB	GLOBAL	Force	Z	RelDist	0
40	STERRASX	GLOBAL	Force	X	RelDist	0
40	STLM71	GLOBAL	Force	X	RelDist	0
40	STSW2	GLOBAL	Force	X	RelDist	0
42	SISMAO	GLOBAL	Force	X	RelDist	0
42	SISMAVA	GLOBAL	Force	Z	RelDist	0
42	SISMAVB	GLOBAL	Force	Z	RelDist	0
42	STERRADX	GLOBAL	Force	X	RelDist	0
43	INCRTER	GLOBAL	Force	X	RelDist	0
43	SISMAO	GLOBAL	Force	X	RelDist	0
43	SISMAVA	GLOBAL	Force	Z	RelDist	0
43	SISMAVB	GLOBAL	Force	Z	RelDist	0
43	STERRASX	GLOBAL	Force	X	RelDist	0
43	STLM71	GLOBAL	Force	X	RelDist	0
43	STSW2	GLOBAL	Force	X	RelDist	0
45	SISMAO	GLOBAL	Force	X	RelDist	0
45	SISMAVA	GLOBAL	Force	Z	RelDist	0
45	SISMAVB	GLOBAL	Force	Z	RelDist	0
45	STERRADX	GLOBAL	Force	X	RelDist	0
46	INCRTER	GLOBAL	Force	X	RelDist	0
46	SISMAO	GLOBAL	Force	X	RelDist	0
46	SISMAVA	GLOBAL	Force	Z	RelDist	0
46	SISMAVB	GLOBAL	Force	Z	RelDist	0
46	STERRASX	GLOBAL	Force	X	RelDist	0
46	STLM71	GLOBAL	Force	X	RelDist	0
46	STSW2	GLOBAL	Force	X	RelDist	0
48	SISMAO	GLOBAL	Force	X	RelDist	0
48	SISMAVA	GLOBAL	Force	Z	RelDist	0
48	SISMAVB	GLOBAL	Force	Z	RelDist	0
48	STERRADX	GLOBAL	Force	X	RelDist	0
49	INCRTER	GLOBAL	Force	X	RelDist	0
49	SISMAO	GLOBAL	Force	X	RelDist	0
49	SISMAVA	GLOBAL	Force	Z	RelDist	0
49	SISMAVB	GLOBAL	Force	Z	RelDist	0
49	STERRASX	GLOBAL	Force	X	RelDist	0
49	STLM71	GLOBAL	Force	X	RelDist	0
49	STSW2	GLOBAL	Force	X	RelDist	0
51	SISMAO	GLOBAL	Force	X	RelDist	0
51	SISMAVA	GLOBAL	Force	Z	RelDist	0
51	SISMAVB	GLOBAL	Force	Z	RelDist	0
51	STERRADX	GLOBAL	Force	X	RelDist	0
52	INCRTER	GLOBAL	Force	X	RelDist	0
52	SISMAO	GLOBAL	Force	X	RelDist	0
52	SISMAVA	GLOBAL	Force	Z	RelDist	0
52	SISMAVB	GLOBAL	Force	Z	RelDist	0
52	STERRASX	GLOBAL	Force	X	RelDist	0
52	STLM71	GLOBAL	Force	X	RelDist	0
52	STSW2	GLOBAL	Force	X	RelDist	0
54	SISMAO	GLOBAL	Force	X	RelDist	0
54	SISMAVA	GLOBAL	Force	Z	RelDist	0
54	SISMAVB	GLOBAL	Force	Z	RelDist	0
54	STERRADX	GLOBAL	Force	X	RelDist	0
55	INCRTER	GLOBAL	Force	X	RelDist	0
55	SISMAO	GLOBAL	Force	X	RelDist	0
55	SISMAVA	GLOBAL	Force	Z	RelDist	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
228 di 294

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
55	SISMAVB	GLOBAL	Force	Z	RelDist	0
55	STERRASX	GLOBAL	Force	X	RelDist	0
55	STLM71	GLOBAL	Force	X	RelDist	0
55	STSW2	GLOBAL	Force	X	RelDist	0
57	SISMAO	GLOBAL	Force	X	RelDist	0
57	SISMAVA	GLOBAL	Force	Z	RelDist	0
57	SISMAVB	GLOBAL	Force	Z	RelDist	0
57	STERRADX	GLOBAL	Force	X	RelDist	0
58	INCRTER	GLOBAL	Force	X	RelDist	0
58	SISMAO	GLOBAL	Force	X	RelDist	0
58	SISMAVA	GLOBAL	Force	Z	RelDist	0
58	SISMAVB	GLOBAL	Force	Z	RelDist	0
58	STERRASX	GLOBAL	Force	X	RelDist	0
58	STLM71	GLOBAL	Force	X	RelDist	0
58	STSW2	GLOBAL	Force	X	RelDist	0
60	SISMAO	GLOBAL	Force	X	RelDist	0
60	SISMAVA	GLOBAL	Force	Z	RelDist	0
60	SISMAVB	GLOBAL	Force	Z	RelDist	0
60	STERRADX	GLOBAL	Force	X	RelDist	0
61	AVVLM71	GLOBAL	Force	X	RelDist	0
61	BALLAST	GLOBAL	Force	Gravity	RelDist	0
61	FRENSW2	GLOBAL	Force	X	RelDist	0
61	LM71SISO	GLOBAL	Force	X	RelDist	0
61	LM71SVA	GLOBAL	Force	Z	RelDist	0
61	LM71SVB	GLOBAL	Force	Z	RelDist	0
61	LM71SX	GLOBAL	Force	Gravity	RelDist	0
61	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
61	SISMAO	GLOBAL	Force	X	RelDist	0
61	SISMAVA	GLOBAL	Force	Z	RelDist	0
61	SISMAVB	GLOBAL	Force	Z	RelDist	0
61	SW2	GLOBAL	Force	Gravity	RelDist	0
61	SW2SISO	GLOBAL	Force	X	RelDist	0
61	SW2SVA	GLOBAL	Force	Z	RelDist	0
61	SW2SVB	GLOBAL	Force	Z	RelDist	0
61	LM71C	GLOBAL	Force	Gravity	RelDist	0
62	AVVLM71	GLOBAL	Force	X	RelDist	0
62	BALLAST	GLOBAL	Force	Gravity	RelDist	0
62	FRENSW2	GLOBAL	Force	X	RelDist	0
62	LM71SISO	GLOBAL	Force	X	RelDist	0
62	LM71SVA	GLOBAL	Force	Z	RelDist	0
62	LM71SVB	GLOBAL	Force	Z	RelDist	0
62	LM71SX	GLOBAL	Force	Gravity	RelDist	0
62	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
62	SISMAO	GLOBAL	Force	X	RelDist	0
62	SISMAVA	GLOBAL	Force	Z	RelDist	0
62	SISMAVB	GLOBAL	Force	Z	RelDist	0
62	SW2	GLOBAL	Force	Gravity	RelDist	0
62	SW2SISO	GLOBAL	Force	X	RelDist	0
62	SW2SVA	GLOBAL	Force	Z	RelDist	0
62	SW2SVB	GLOBAL	Force	Z	RelDist	0
62	LM71C	GLOBAL	Force	Gravity	RelDist	0
63	AVVLM71	GLOBAL	Force	X	RelDist	0
63	BALLAST	GLOBAL	Force	Gravity	RelDist	0
63	FRENSW2	GLOBAL	Force	X	RelDist	0
63	LM71SISO	GLOBAL	Force	X	RelDist	0
63	LM71SVA	GLOBAL	Force	Z	RelDist	0
63	LM71SVB	GLOBAL	Force	Z	RelDist	0
63	LM71SX	GLOBAL	Force	Gravity	RelDist	0
63	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
63	SISMAO	GLOBAL	Force	X	RelDist	0
63	SISMAVA	GLOBAL	Force	Z	RelDist	0
63	SISMAVB	GLOBAL	Force	Z	RelDist	0
63	SW2	GLOBAL	Force	Gravity	RelDist	0
63	SW2SISO	GLOBAL	Force	X	RelDist	0
63	SW2SVA	GLOBAL	Force	Z	RelDist	0
63	SW2SVB	GLOBAL	Force	Z	RelDist	0
63	LM71C	GLOBAL	Force	Gravity	RelDist	0
64	AVVLM71	GLOBAL	Force	X	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
64	BALLAST	GLOBAL	Force	Gravity	RelDist	0
64	FRENSW2	GLOBAL	Force	X	RelDist	0
64	LM71SISO	GLOBAL	Force	X	RelDist	0
64	LM71SVA	GLOBAL	Force	Z	RelDist	0
64	LM71SVB	GLOBAL	Force	Z	RelDist	0
64	LM71SX	GLOBAL	Force	Gravity	RelDist	0
64	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
64	SISMAO	GLOBAL	Force	X	RelDist	0
64	SISMAVA	GLOBAL	Force	Z	RelDist	0
64	SISMAVB	GLOBAL	Force	Z	RelDist	0
64	SW2	GLOBAL	Force	Gravity	RelDist	0
64	SW2SISO	GLOBAL	Force	X	RelDist	0
64	SW2SVA	GLOBAL	Force	Z	RelDist	0
64	SW2SVB	GLOBAL	Force	Z	RelDist	0
64	LM71C	GLOBAL	Force	Gravity	RelDist	0
71	AVVLM71	GLOBAL	Force	X	RelDist	0
71	BALLAST	GLOBAL	Force	Gravity	RelDist	0
71	FRENSW2	GLOBAL	Force	X	RelDist	0
71	LM71DX	GLOBAL	Force	Gravity	RelDist	0
71	LM71SISO	GLOBAL	Force	X	RelDist	0
71	LM71SVA	GLOBAL	Force	Z	RelDist	0
71	LM71SVB	GLOBAL	Force	Z	RelDist	0
71	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
71	SISMAO	GLOBAL	Force	X	RelDist	0
71	SISMAVA	GLOBAL	Force	Z	RelDist	0
71	SISMAVB	GLOBAL	Force	Z	RelDist	0
71	SW2	GLOBAL	Force	Gravity	RelDist	0
71	SW2SISO	GLOBAL	Force	X	RelDist	0
71	SW2SVA	GLOBAL	Force	Z	RelDist	0
71	SW2SVB	GLOBAL	Force	Z	RelDist	0
71	LM71C	GLOBAL	Force	Gravity	RelDist	0
72	AVVLM71	GLOBAL	Force	X	RelDist	0
72	BALLAST	GLOBAL	Force	Gravity	RelDist	0
72	FRENSW2	GLOBAL	Force	X	RelDist	0
72	LM71DX	GLOBAL	Force	Gravity	RelDist	0
72	LM71SISO	GLOBAL	Force	X	RelDist	0
72	LM71SVA	GLOBAL	Force	Z	RelDist	0
72	LM71SVB	GLOBAL	Force	Z	RelDist	0
72	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
72	SISMAO	GLOBAL	Force	X	RelDist	0
72	SISMAVA	GLOBAL	Force	Z	RelDist	0
72	SISMAVB	GLOBAL	Force	Z	RelDist	0
72	SW2	GLOBAL	Force	Gravity	RelDist	0
72	SW2SISO	GLOBAL	Force	X	RelDist	0
72	SW2SVA	GLOBAL	Force	Z	RelDist	0
72	SW2SVB	GLOBAL	Force	Z	RelDist	0
72	LM71C	GLOBAL	Force	Gravity	RelDist	0
73	AVVLM71	GLOBAL	Force	X	RelDist	0
73	BALLAST	GLOBAL	Force	Gravity	RelDist	0
73	FRENSW2	GLOBAL	Force	X	RelDist	0
73	LM71DX	GLOBAL	Force	Gravity	RelDist	0
73	LM71SISO	GLOBAL	Force	X	RelDist	0
73	LM71SVA	GLOBAL	Force	Z	RelDist	0
73	LM71SVB	GLOBAL	Force	Z	RelDist	0
73	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
73	SISMAO	GLOBAL	Force	X	RelDist	0
73	SISMAVA	GLOBAL	Force	Z	RelDist	0
73	SISMAVB	GLOBAL	Force	Z	RelDist	0
73	SW2	GLOBAL	Force	Gravity	RelDist	0
73	SW2SISO	GLOBAL	Force	X	RelDist	0
73	SW2SVA	GLOBAL	Force	Z	RelDist	0
73	SW2SVB	GLOBAL	Force	Z	RelDist	0
73	LM71C	GLOBAL	Force	Gravity	RelDist	0
74	AVVLM71	GLOBAL	Force	X	RelDist	0
74	BALLAST	GLOBAL	Force	Gravity	RelDist	0
74	FRENSW2	GLOBAL	Force	X	RelDist	0
74	LM71DX	GLOBAL	Force	Gravity	RelDist	0
74	LM71SISO	GLOBAL	Force	X	RelDist	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
230 di 294

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
74	LM71SVA	GLOBAL	Force	Z	RelDist	0
74	LM71SVB	GLOBAL	Force	Z	RelDist	0
74	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
74	SISMAO	GLOBAL	Force	X	RelDist	0
74	SISMAVA	GLOBAL	Force	Z	RelDist	0
74	SISMAVB	GLOBAL	Force	Z	RelDist	0
74	SW2	GLOBAL	Force	Gravity	RelDist	0
74	SW2SISO	GLOBAL	Force	X	RelDist	0
74	SW2SVA	GLOBAL	Force	Z	RelDist	0
74	SW2SVB	GLOBAL	Force	Z	RelDist	0
74	LM71C	GLOBAL	Force	Gravity	RelDist	0
59	SISMAO	GLOBAL	Force	X	RelDist	0
59	SISMAVA	GLOBAL	Force	Z	RelDist	0
59	SISMAVB	GLOBAL	Force	Z	RelDist	0
56	SISMAO	GLOBAL	Force	X	RelDist	0
56	SISMAVA	GLOBAL	Force	Z	RelDist	0
56	SISMAVB	GLOBAL	Force	Z	RelDist	0
53	SISMAO	GLOBAL	Force	X	RelDist	0
53	SISMAVA	GLOBAL	Force	Z	RelDist	0
53	SISMAVB	GLOBAL	Force	Z	RelDist	0
50	SISMAO	GLOBAL	Force	X	RelDist	0
50	SISMAVA	GLOBAL	Force	Z	RelDist	0
50	SISMAVB	GLOBAL	Force	Z	RelDist	0
47	SISMAO	GLOBAL	Force	X	RelDist	0
47	SISMAVA	GLOBAL	Force	Z	RelDist	0
47	SISMAVB	GLOBAL	Force	Z	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0
44	SISMAVA	GLOBAL	Force	Z	RelDist	0
44	SISMAVB	GLOBAL	Force	Z	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0
41	SISMAVA	GLOBAL	Force	Z	RelDist	0
41	SISMAVB	GLOBAL	Force	Z	RelDist	0
38	SISMAO	GLOBAL	Force	X	RelDist	0
38	SISMAVA	GLOBAL	Force	Z	RelDist	0
38	SISMAVB	GLOBAL	Force	Z	RelDist	0
65	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
65	BALLAST	GLOBAL	Force	Gravity	RelDist	0
65	LM71C	GLOBAL	Force	Gravity	RelDist	0
65	LM71SX	GLOBAL	Force	Gravity	RelDist	0
65	AVVLM71	GLOBAL	Force	X	RelDist	0
65	SW2	GLOBAL	Force	Gravity	RelDist	0
65	FRENSW2	GLOBAL	Force	X	RelDist	0
65	LM71SISO	GLOBAL	Force	X	RelDist	0
65	SW2SISO	GLOBAL	Force	X	RelDist	0
65	SISMAO	GLOBAL	Force	X	RelDist	0
65	LM71SVA	GLOBAL	Force	Z	RelDist	0
65	SW2SVA	GLOBAL	Force	Z	RelDist	0
65	SISMAVA	GLOBAL	Force	Z	RelDist	0
65	LM71SVB	GLOBAL	Force	Z	RelDist	0
65	SW2SVB	GLOBAL	Force	Z	RelDist	0
65	SISMAVB	GLOBAL	Force	Z	RelDist	0
66	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
66	BALLAST	GLOBAL	Force	Gravity	RelDist	0
66	LM71C	GLOBAL	Force	Gravity	RelDist	0
66	LM71SX	GLOBAL	Force	Gravity	RelDist	0
66	AVVLM71	GLOBAL	Force	X	RelDist	0
66	SW2	GLOBAL	Force	Gravity	RelDist	0
66	FRENSW2	GLOBAL	Force	X	RelDist	0
66	LM71SISO	GLOBAL	Force	X	RelDist	0
66	SW2SISO	GLOBAL	Force	X	RelDist	0
66	SISMAO	GLOBAL	Force	X	RelDist	0
66	LM71SVA	GLOBAL	Force	Z	RelDist	0
66	SW2SVA	GLOBAL	Force	Z	RelDist	0
66	SISMAVA	GLOBAL	Force	Z	RelDist	0
66	LM71SVB	GLOBAL	Force	Z	RelDist	0
66	SW2SVB	GLOBAL	Force	Z	RelDist	0
66	SISMAVB	GLOBAL	Force	Z	RelDist	0
67	REINTSUP	GLOBAL	Force	Gravity	RelDist	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
231 di 294

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
67	BALLAST	GLOBAL	Force	Gravity	RelDist	0
67	LM71C	GLOBAL	Force	Gravity	RelDist	0
67	LM71SX	GLOBAL	Force	Gravity	RelDist	0
67	AVVLM71	GLOBAL	Force	X	RelDist	0
67	SW2	GLOBAL	Force	Gravity	RelDist	0
67	FRENSW2	GLOBAL	Force	X	RelDist	0
67	LM71SISO	GLOBAL	Force	X	RelDist	0
67	SW2SISO	GLOBAL	Force	X	RelDist	0
67	SISMAO	GLOBAL	Force	X	RelDist	0
67	LM71SVA	GLOBAL	Force	Z	RelDist	0
67	SW2SVA	GLOBAL	Force	Z	RelDist	0
67	SISMAVA	GLOBAL	Force	Z	RelDist	0
67	LM71SVB	GLOBAL	Force	Z	RelDist	0
67	SW2SVB	GLOBAL	Force	Z	RelDist	0
67	SISMAVB	GLOBAL	Force	Z	RelDist	0
68	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
68	BALLAST	GLOBAL	Force	Gravity	RelDist	0
68	LM71C	GLOBAL	Force	Gravity	RelDist	0
68	LM71DX	GLOBAL	Force	Gravity	RelDist	0
68	AVVLM71	GLOBAL	Force	X	RelDist	0
68	SW2	GLOBAL	Force	Gravity	RelDist	0
68	FRENSW2	GLOBAL	Force	X	RelDist	0
68	LM71SISO	GLOBAL	Force	X	RelDist	0
68	SW2SISO	GLOBAL	Force	X	RelDist	0
68	SISMAO	GLOBAL	Force	X	RelDist	0
68	LM71SVA	GLOBAL	Force	Z	RelDist	0
68	SW2SVA	GLOBAL	Force	Z	RelDist	0
68	SISMAVA	GLOBAL	Force	Z	RelDist	0
68	LM71SVB	GLOBAL	Force	Z	RelDist	0
68	SW2SVB	GLOBAL	Force	Z	RelDist	0
68	SISMAVB	GLOBAL	Force	Z	RelDist	0
69	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
69	BALLAST	GLOBAL	Force	Gravity	RelDist	0
69	LM71C	GLOBAL	Force	Gravity	RelDist	0
69	LM71DX	GLOBAL	Force	Gravity	RelDist	0
69	AVVLM71	GLOBAL	Force	X	RelDist	0
69	SW2	GLOBAL	Force	Gravity	RelDist	0
69	FRENSW2	GLOBAL	Force	X	RelDist	0
69	LM71SISO	GLOBAL	Force	X	RelDist	0
69	SW2SISO	GLOBAL	Force	X	RelDist	0
69	SISMAO	GLOBAL	Force	X	RelDist	0
69	LM71SVA	GLOBAL	Force	Z	RelDist	0
69	SW2SVA	GLOBAL	Force	Z	RelDist	0
69	SISMAVA	GLOBAL	Force	Z	RelDist	0
69	LM71SVB	GLOBAL	Force	Z	RelDist	0
69	SW2SVB	GLOBAL	Force	Z	RelDist	0
69	SISMAVB	GLOBAL	Force	Z	RelDist	0
70	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
70	BALLAST	GLOBAL	Force	Gravity	RelDist	0
70	LM71C	GLOBAL	Force	Gravity	RelDist	0
70	LM71DX	GLOBAL	Force	Gravity	RelDist	0
70	AVVLM71	GLOBAL	Force	X	RelDist	0
70	SW2	GLOBAL	Force	Gravity	RelDist	0
70	FRENSW2	GLOBAL	Force	X	RelDist	0
70	LM71SISO	GLOBAL	Force	X	RelDist	0
70	SW2SISO	GLOBAL	Force	X	RelDist	0
70	SISMAO	GLOBAL	Force	X	RelDist	0
70	LM71SVA	GLOBAL	Force	Z	RelDist	0
70	SW2SVA	GLOBAL	Force	Z	RelDist	0
70	SISMAVA	GLOBAL	Force	Z	RelDist	0
70	LM71SVB	GLOBAL	Force	Z	RelDist	0
70	SW2SVB	GLOBAL	Force	Z	RelDist	0
70	SISMAVB	GLOBAL	Force	Z	RelDist	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
232 di 294

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
37	INCRTER	1	0	0,075	25,19	25,19
37	SISMAO	1	0	0,075	2,03	2,03
37	SISMAVA	1	0	0,075	1,12	1,12
37	SISMAVB	1	0	0,075	-1,12	-1,12
37	STERRASX	1	0	0,075	35,39	34,75
37	STLM71	1	0	0,075	21,63	21,63
37	STSW2	1	0	0,075	17,82	17,82
39	SISMAO	1	0	0,075	2,03	2,03
39	SISMAVA	1	0	0,075	1,12	1,12
39	SISMAVB	1	0	0,075	-1,12	-1,12
39	STERRADX	1	0	0,075	-35,39	-34,75
40	INCRTER	1	0	0,075	25,19	25,19
40	SISMAO	1	0	0,075	2,03	2,03
40	SISMAVA	1	0	0,075	1,12	1,12
40	SISMAVB	1	0	0,075	-1,12	-1,12
40	STERRASX	1	0	0,075	34,75	34,11
40	STLM71	1	0	0,075	21,63	21,63
40	STSW2	1	0	0,075	17,82	17,82
42	SISMAO	1	0	0,075	2,03	2,03
42	SISMAVA	1	0	0,075	1,12	1,12
42	SISMAVB	1	0	0,075	-1,12	-1,12
42	STERRADX	1	0	0,075	-34,75	-34,11
43	INCRTER	1	0	0,5	25,19	25,19
43	SISMAO	1	0	0,5	2,03	2,03
43	SISMAVA	1	0	0,5	1,12	1,12
43	SISMAVB	1	0	0,5	-1,12	-1,12
43	STERRASX	1	0	0,5	34,11	29,85
43	STLM71	1	0	0,5	21,63	21,63
43	STSW2	1	0	0,5	17,82	17,82
45	SISMAO	1	0	0,5	2,03	2,03
45	SISMAVA	1	0	0,5	1,12	1,12
45	SISMAVB	1	0	0,5	-1,12	-1,12
45	STERRADX	1	0	0,5	-34,11	-29,85
46	INCRTER	1	0	0,5	25,19	25,19
46	SISMAO	1	0	0,5	2,03	2,03
46	SISMAVA	1	0	0,5	1,12	1,12
46	SISMAVB	1	0	0,5	-1,12	-1,12
46	STERRASX	1	0	0,5	29,85	25,59
46	STLM71	1	0	0,5	21,63	21,63
46	STSW2	1	0	0,5	17,82	17,82
48	SISMAO	1	0	0,5	2,03	2,03
48	SISMAVA	1	0	0,5	1,12	1,12
48	SISMAVB	1	0	0,5	-1,12	-1,12
48	STERRADX	1	0	0,5	-29,85	-25,59
49	INCRTER	1	0	0,5	25,19	25,19
49	SISMAO	1	0	0,5	2,03	2,03
49	SISMAVA	1	0	0,5	1,12	1,12
49	SISMAVB	1	0	0,5	-1,12	-1,12
49	STERRASX	1	0	0,5	25,59	21,32
49	STLM71	1	0	0,5	21,63	21,63
49	STSW2	1	0	0,5	17,82	17,82
51	SISMAO	1	0	0,5	2,03	2,03
51	SISMAVA	1	0	0,5	1,12	1,12
51	SISMAVB	1	0	0,5	-1,12	-1,12
51	STERRADX	1	0	0,5	-25,59	-21,32
52	INCRTER	1	0	0,5	25,19	25,19
52	SISMAO	1	0	0,5	2,03	2,03
52	SISMAVA	1	0	0,5	1,12	1,12
52	SISMAVB	1	0	0,5	-1,12	-1,12
52	STERRASX	1	0	0,5	21,32	17,06
52	STLM71	1	0	0,5	21,63	21,63
52	STSW2	1	0	0,5	17,82	17,82
54	SISMAO	1	0	0,5	2,03	2,03
54	SISMAVA	1	0	0,5	1,12	1,12
54	SISMAVB	1	0	0,5	-1,12	-1,12
54	STERRADX	1	0	0,5	-21,32	-17,06
55	INCRTER	1	0	0,075	25,19	25,19

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
233 di 294

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m		
55	SISMAO	1	0	0,075	2,03	2,03
55	SISMAVA	1	0	0,075	1,12	1,12
55	SISMAVB	1	0	0,075	-1,12	-1,12
55	STERRASX	1	0	0,075	17,06	16,42
55	STLM71	1	0	0,075	21,63	21,63
55	STSW2	1	0	0,075	17,82	17,82
57	SISMAO	1	0	0,075	2,03	2,03
57	SISMAVA	1	0	0,075	1,12	1,12
57	SISMAVB	1	0	0,075	-1,12	-1,12
57	STERRADX	1	0	0,075	-17,06	-16,42
58	INCRTER	1	0	0,075	25,19	25,19
58	SISMAO	1	0	0,075	2,03	2,03
58	SISMAVA	1	0	0,075	1,12	1,12
58	SISMAVB	1	0	0,075	-1,12	-1,12
58	STERRASX	1	0	0,075	16,42	15,78
58	STLM71	1	0	0,075	21,63	21,63
58	STSW2	1	0	0,075	17,82	17,82
60	SISMAO	1	0	0,075	2,03	2,03
60	SISMAVA	1	0	0,075	1,12	1,12
60	SISMAVB	1	0	0,075	-1,12	-1,12
60	STERRADX	1	0	0,075	-16,42	-15,78
61	AVVLM71	1	0	0,075	10,11	10,11
61	BALLAST	1	0	0,075	14,4	14,4
61	FRENSW2	1	0	0,075	10,72	10,72
61	LM71SISO	1	0	0,075	3,62	3,62
61	LM71SVA	1	0	0,075	1,81	1,81
61	LM71SVB	1	0	0,075	-1,81	-1,81
61	LM71SX	1	0	0,075	60,88	60,88
61	REINTSUP	1	0	0,075	21,2	21,2
61	SISMAO	1	0	0,075	11,64	11,64
61	SISMAVA	1	0	0,075	6,42	6,42
61	SISMAVB	1	0	0,075	-6,42	-6,42
61	SW2	1	0	0,075	50,14	50,14
61	SW2SISO	1	0	0,075	2,98	2,98
61	SW2SVA	1	0	0,075	1,49	1,49
61	SW2SVB	1	0	0,075	-1,49	-1,49
61	LM71C	1	0	0,075	60,88	60,88
62	AVVLM71	1	0	0,075	10,11	10,11
62	BALLAST	1	0	0,075	14,4	14,4
62	FRENSW2	1	0	0,075	10,72	10,72
62	LM71SISO	1	0	0,075	3,62	3,62
62	LM71SVA	1	0	0,075	1,81	1,81
62	LM71SVB	1	0	0,075	-1,81	-1,81
62	LM71SX	1	0	0,075	60,88	60,88
62	REINTSUP	1	0	0,075	21,2	21,2
62	SISMAO	1	0	0,075	11,64	11,64
62	SISMAVA	1	0	0,075	6,42	6,42
62	SISMAVB	1	0	0,075	-6,42	-6,42
62	SW2	1	0	0,075	50,14	50,14
62	SW2SISO	1	0	0,075	2,98	2,98
62	SW2SVA	1	0	0,075	1,49	1,49
62	SW2SVB	1	0	0,075	-1,49	-1,49
62	LM71C	1	0	0,075	60,88	60,88
63	AVVLM71	1	0	0,54	10,11	10,11
63	BALLAST	1	0	0,54	14,4	14,4
63	FRENSW2	1	0	0,54	10,72	10,72
63	LM71SISO	1	0	0,54	3,62	3,62
63	LM71SVA	1	0	0,54	1,81	1,81
63	LM71SVB	1	0	0,54	-1,81	-1,81
63	LM71SX	1	0	0,54	60,88	60,88
63	REINTSUP	1	0	0,54	21,2	21,2
63	SISMAO	1	0	0,54	11,64	11,64
63	SISMAVA	1	0	0,54	6,42	6,42
63	SISMAVB	1	0	0,54	-6,42	-6,42
63	SW2	1	0	0,54	50,14	50,14
63	SW2SISO	1	0	0,54	2,98	2,98
63	SW2SVA	1	0	0,54	1,49	1,49
63	SW2SVB	1	0	0,54	-1,49	-1,49

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
234 di 294

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m		
63	LM71C	1	0	0,54	60,88	60,88
64	AVVLM71	1	0	0,54	10,11	10,11
64	BALLAST	1	0	0,54	14,4	14,4
64	FRENSW2	1	0	0,54	10,72	10,72
64	LM71SISO	1	0	0,54	3,62	3,62
64	LM71SVA	1	0	0,54	1,81	1,81
64	LM71SVB	1	0	0,54	-1,81	-1,81
64	LM71SX	1	0	0,54	60,88	60,88
64	REINTSUP	1	0	0,54	21,2	21,2
64	SISMAO	1	0	0,54	11,64	11,64
64	SISMAVA	1	0	0,54	6,42	6,42
64	SISMAVB	1	0	0,54	-6,42	-6,42
64	SW2	1	0	0,54	50,14	50,14
64	SW2SISO	1	0	0,54	2,98	2,98
64	SW2SVA	1	0	0,54	1,49	1,49
64	SW2SVB	1	0	0,54	-1,49	-1,49
64	LM71C	1	0	0,54	60,88	60,88
71	AVVLM71	1	0	0,54	10,11	10,11
71	BALLAST	1	0	0,54	14,4	14,4
71	FRENSW2	1	0	0,54	10,72	10,72
71	LM71DX	1	0	0,54	60,88	60,88
71	LM71SISO	1	0	0,54	3,62	3,62
71	LM71SVA	1	0	0,54	1,81	1,81
71	LM71SVB	1	0	0,54	-1,81	-1,81
71	REINTSUP	1	0	0,54	21,2	21,2
71	SISMAO	1	0	0,54	11,64	11,64
71	SISMAVA	1	0	0,54	6,42	6,42
71	SISMAVB	1	0	0,54	-6,42	-6,42
71	SW2	1	0	0,54	50,14	50,14
71	SW2SISO	1	0	0,54	2,98	2,98
71	SW2SVA	1	0	0,54	1,49	1,49
71	SW2SVB	1	0	0,54	-1,49	-1,49
71	LM71C	1	0	0,54	60,88	60,88
72	AVVLM71	1	0	0,54	10,11	10,11
72	BALLAST	1	0	0,54	14,4	14,4
72	FRENSW2	1	0	0,54	10,72	10,72
72	LM71DX	1	0	0,54	60,88	60,88
72	LM71SISO	1	0	0,54	3,62	3,62
72	LM71SVA	1	0	0,54	1,81	1,81
72	LM71SVB	1	0	0,54	-1,81	-1,81
72	REINTSUP	1	0	0,54	21,2	21,2
72	SISMAO	1	0	0,54	11,64	11,64
72	SISMAVA	1	0	0,54	6,42	6,42
72	SISMAVB	1	0	0,54	-6,42	-6,42
72	SW2	1	0	0,54	50,14	50,14
72	SW2SISO	1	0	0,54	2,98	2,98
72	SW2SVA	1	0	0,54	1,49	1,49
72	SW2SVB	1	0	0,54	-1,49	-1,49
72	LM71C	1	0	0,54	60,88	60,88
73	AVVLM71	1	0	0,075	10,11	10,11
73	BALLAST	1	0	0,075	14,4	14,4
73	FRENSW2	1	0	0,075	10,72	10,72
73	LM71DX	1	0	0,075	60,88	60,88
73	LM71SISO	1	0	0,075	3,62	3,62
73	LM71SVA	1	0	0,075	1,81	1,81
73	LM71SVB	1	0	0,075	-1,81	-1,81
73	REINTSUP	1	0	0,075	21,2	21,2
73	SISMAO	1	0	0,075	11,64	11,64
73	SISMAVA	1	0	0,075	6,42	6,42
73	SISMAVB	1	0	0,075	-6,42	-6,42
73	SW2	1	0	0,075	50,14	50,14
73	SW2SISO	1	0	0,075	2,98	2,98
73	SW2SVA	1	0	0,075	1,49	1,49
73	SW2SVB	1	0	0,075	-1,49	-1,49
73	LM71C	1	0	0,075	60,88	60,88
74	AVVLM71	1	0	0,075	10,11	10,11
74	BALLAST	1	0	0,075	14,4	14,4
74	FRENSW2	1	0	0,075	10,72	10,72

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
235 di 294

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m		
74	LM71DX	1	0	0,075	60,88	60,88
74	LM71SISO	1	0	0,075	3,62	3,62
74	LM71SVA	1	0	0,075	1,81	1,81
74	LM71SVB	1	0	0,075	-1,81	-1,81
74	REINTSUP	1	0	0,075	21,2	21,2
74	SISMAO	1	0	0,075	11,64	11,64
74	SISMAVA	1	0	0,075	6,42	6,42
74	SISMAVB	1	0	0,075	-6,42	-6,42
74	SW2	1	0	0,075	50,14	50,14
74	SW2SISO	1	0	0,075	2,98	2,98
74	SW2SVA	1	0	0,075	1,49	1,49
74	SW2SVB	1	0	0,075	-1,49	-1,49
74	LM71C	1	0	0,075	60,88	60,88
59	SISMAO	1	0	0,075	2,03	2,03
59	SISMAVA	1	0	0,075	1,12	1,12
59	SISMAVB	1	0	0,075	-1,12	-1,12
56	SISMAO	1	0	0,075	2,03	2,03
56	SISMAVA	1	0	0,075	1,12	1,12
56	SISMAVB	1	0	0,075	-1,12	-1,12
53	SISMAO	1	0	0,5	2,03	2,03
53	SISMAVA	1	0	0,5	1,12	1,12
53	SISMAVB	1	0	0,5	-1,12	-1,12
50	SISMAO	1	0	0,5	2,03	2,03
50	SISMAVA	1	0	0,5	1,12	1,12
50	SISMAVB	1	0	0,5	-1,12	-1,12
47	SISMAO	1	0	0,5	2,03	2,03
47	SISMAVA	1	0	0,5	1,12	1,12
47	SISMAVB	1	0	0,5	-1,12	-1,12
44	SISMAO	1	0	0,5	2,03	2,03
44	SISMAVA	1	0	0,5	1,12	1,12
44	SISMAVB	1	0	0,5	-1,12	-1,12
41	SISMAO	1	0	0,075	2,03	2,03
41	SISMAVA	1	0	0,075	1,12	1,12
41	SISMAVB	1	0	0,075	-1,12	-1,12
38	SISMAO	1	0	0,075	2,03	2,03
38	SISMAVA	1	0	0,075	1,12	1,12
38	SISMAVB	1	0	0,075	-1,12	-1,12
65	REINTSUP	1	0	0,12	21,2	21,2
65	BALLAST	1	0	0,12	14,4	14,4
65	LM71C	1	0	0,12	60,88	60,88
65	LM71SX	1	0	0,12	60,88	60,88
65	AVVLM71	1	0	0,12	10,11	10,11
65	SW2	1	0	0,12	50,14	50,14
65	FRENSW2	1	0	0,12	10,72	10,72
65	LM71SISO	1	0	0,12	3,62	3,62
65	SW2SISO	1	0	0,12	2,98	2,98
65	SISMAO	1	0	0,12	11,64	11,64
65	LM71SVA	1	0	0,12	1,81	1,81
65	SW2SVA	1	0	0,12	1,49	1,49
65	SISMAVA	1	0	0,12	6,42	6,42
65	LM71SVB	1	0	0,12	-1,81	-1,81
65	SW2SVB	1	0	0,12	-1,49	-1,49
65	SISMAVB	1	0	0,12	-6,42	-6,42
66	REINTSUP	1	0	0,075	21,2	21,2
66	BALLAST	1	0	0,075	14,4	14,4
66	LM71C	1	0	0,075	60,88	60,88
66	LM71SX	1	0	0,075	60,88	60,88
66	AVVLM71	1	0	0,075	10,11	10,11
66	SW2	1	0	0,075	50,14	50,14
66	FRENSW2	1	0	0,075	10,72	10,72
66	LM71SISO	1	0	0,075	3,62	3,62
66	SW2SISO	1	0	0,075	2,98	2,98
66	SISMAO	1	0	0,075	11,64	11,64
66	LM71SVA	1	0	0,075	1,81	1,81
66	SW2SVA	1	0	0,075	1,49	1,49
66	SISMAVA	1	0	0,075	6,42	6,42
66	LM71SVB	1	0	0,075	-1,81	-1,81
66	SW2SVB	1	0	0,075	-1,49	-1,49

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
236 di 294

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m		
66	SISMAVB	1	0	0,075	-6,42	-6,42
67	REINTSUP	1	0	0,075	21,2	21,2
67	BALLAST	1	0	0,075	14,4	14,4
67	LM71C	1	0	0,075	60,88	60,88
67	LM71SX	1	0	0,075	60,88	60,88
67	AVVLM71	1	0	0,075	10,11	10,11
67	SW2	1	0	0,075	50,14	50,14
67	FRENSW2	1	0	0,075	10,72	10,72
67	LM71SISO	1	0	0,075	3,62	3,62
67	SW2SISO	1	0	0,075	2,98	2,98
67	SISMAO	1	0	0,075	11,64	11,64
67	LM71SVA	1	0	0,075	1,81	1,81
67	SW2SVA	1	0	0,075	1,49	1,49
67	SISMAVA	1	0	0,075	6,42	6,42
67	LM71SVB	1	0	0,075	-1,81	-1,81
67	SW2SVB	1	0	0,075	-1,49	-1,49
67	SISMAVB	1	0	0,075	-6,42	-6,42
68	REINTSUP	1	0	0,075	21,2	21,2
68	BALLAST	1	0	0,075	14,4	14,4
68	LM71C	1	0	0,075	60,88	60,88
68	LM71DX	1	0	0,075	60,88	60,88
68	AVVLM71	1	0	0,075	10,11	10,11
68	SW2	1	0	0,075	50,14	50,14
68	FRENSW2	1	0	0,075	10,72	10,72
68	LM71SISO	1	0	0,075	3,62	3,62
68	SW2SISO	1	0	0,075	2,98	2,98
68	SISMAO	1	0	0,075	11,64	11,64
68	LM71SVA	1	0	0,075	1,81	1,81
68	SW2SVA	1	0	0,075	1,49	1,49
68	SISMAVA	1	0	0,075	6,42	6,42
68	LM71SVB	1	0	0,075	-1,81	-1,81
68	SW2SVB	1	0	0,075	-1,49	-1,49
68	SISMAVB	1	0	0,075	-6,42	-6,42
69	REINTSUP	1	0	0,075	21,2	21,2
69	BALLAST	1	0	0,075	14,4	14,4
69	LM71C	1	0	0,075	60,88	60,88
69	LM71DX	1	0	0,075	60,88	60,88
69	AVVLM71	1	0	0,075	10,11	10,11
69	SW2	1	0	0,075	50,14	50,14
69	FRENSW2	1	0	0,075	10,72	10,72
69	LM71SISO	1	0	0,075	3,62	3,62
69	SW2SISO	1	0	0,075	2,98	2,98
69	SISMAO	1	0	0,075	11,64	11,64
69	LM71SVA	1	0	0,075	1,81	1,81
69	SW2SVA	1	0	0,075	1,49	1,49
69	SISMAVA	1	0	0,075	6,42	6,42
69	LM71SVB	1	0	0,075	-1,81	-1,81
69	SW2SVB	1	0	0,075	-1,49	-1,49
69	SISMAVB	1	0	0,075	-6,42	-6,42
70	REINTSUP	1	0	0,12	21,2	21,2
70	BALLAST	1	0	0,12	14,4	14,4
70	LM71C	1	0	0,12	60,88	60,88
70	LM71DX	1	0	0,12	60,88	60,88
70	AVVLM71	1	0	0,12	10,11	10,11
70	SW2	1	0	0,12	50,14	50,14
70	FRENSW2	1	0	0,12	10,72	10,72
70	LM71SISO	1	0	0,12	3,62	3,62
70	SW2SISO	1	0	0,12	2,98	2,98
70	SISMAO	1	0	0,12	11,64	11,64
70	LM71SVA	1	0	0,12	1,81	1,81
70	SW2SVA	1	0	0,12	1,49	1,49
70	SISMAVA	1	0	0,12	6,42	6,42
70	LM71SVB	1	0	0,12	-1,81	-1,81
70	SW2SVB	1	0	0,12	-1,49	-1,49
70	SISMAVB	1	0	0,12	-6,42	-6,42

GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
237 di 294

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
37	INCRTER	
37	SISMAO	
37	SISMAVA	
37	SISMAVB	
37	STERRASX	
37	STLM71	
37	STSW2	
39	SISMAO	
39	SISMAVA	
39	SISMAVB	
39	STERRADX	
40	INCRTER	
40	SISMAO	
40	SISMAVA	
40	SISMAVB	
40	STERRASX	
40	STLM71	
40	STSW2	
42	SISMAO	
42	SISMAVA	
42	SISMAVB	
42	STERRADX	
43	INCRTER	
43	SISMAO	
43	SISMAVA	
43	SISMAVB	
43	STERRASX	
43	STLM71	
43	STSW2	
45	SISMAO	
45	SISMAVA	
45	SISMAVB	
45	STERRADX	
46	INCRTER	
46	SISMAO	
46	SISMAVA	
46	SISMAVB	
46	STERRASX	
46	STLM71	
46	STSW2	
48	SISMAO	
48	SISMAVA	
48	SISMAVB	
48	STERRADX	
49	INCRTER	
49	SISMAO	
49	SISMAVA	
49	SISMAVB	
49	STERRASX	
49	STLM71	
49	STSW2	
51	SISMAO	
51	SISMAVA	
51	SISMAVB	
51	STERRADX	
52	INCRTER	
52	SISMAO	
52	SISMAVA	
52	SISMAVB	
52	STERRASX	
52	STLM71	
52	STSW2	
54	SISMAO	
54	SISMAVA	
54	SISMAVB	
54	STERRADX	
55	INCRTER	

GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



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GRUPPO FERROVIE DELLO STATO ITALIANE

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
238 di 294

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
55	SISMAO	
55	SISMAVA	
55	SISMAVB	
55	STERRASX	
55	STLM71	
55	STSW2	
57	SISMAO	
57	SISMAVA	
57	SISMAVB	
57	STERRADX	
58	INCRTER	
58	SISMAO	
58	SISMAVA	
58	SISMAVB	
58	STERRASX	
58	STLM71	
58	STSW2	
60	SISMAO	
60	SISMAVA	
60	SISMAVB	
60	STERRADX	
61	AVVLM71	
61	BALLAST	
61	FRENSW2	
61	LM71SISO	
61	LM71SVA	
61	LM71SVB	
61	LM71SX	
61	REINTSUP	
61	SISMAO	
61	SISMAVA	
61	SISMAVB	
61	SW2	
61	SW2SISO	
61	SW2SVA	
61	SW2SVB	
61	LM71C	
62	AVVLM71	
62	BALLAST	
62	FRENSW2	
62	LM71SISO	
62	LM71SVA	
62	LM71SVB	
62	LM71SX	
62	REINTSUP	
62	SISMAO	
62	SISMAVA	
62	SISMAVB	
62	SW2	
62	SW2SISO	
62	SW2SVA	
62	SW2SVB	
62	LM71C	
63	AVVLM71	
63	BALLAST	
63	FRENSW2	
63	LM71SISO	
63	LM71SVA	
63	LM71SVB	
63	LM71SX	
63	REINTSUP	
63	SISMAO	
63	SISMAVA	
63	SISMAVB	
63	SW2	
63	SW2SISO	
63	SW2SVA	
63	SW2SVB	

GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



ITALFERR

GRUPPO FERROVIE DELLO STATO ITALIANE

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
239 di 294

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
63	LM71C	
64	AVVLM71	
64	BALLAST	
64	FRENSW2	
64	LM71SISO	
64	LM71SVA	
64	LM71SVB	
64	LM71SX	
64	REINTSUP	
64	SISMAO	
64	SISMAVA	
64	SISMAVB	
64	SW2	
64	SW2SISO	
64	SW2SVA	
64	SW2SVB	
64	LM71C	
71	AVVLM71	
71	BALLAST	
71	FRENSW2	
71	LM71DX	
71	LM71SISO	
71	LM71SVA	
71	LM71SVB	
71	REINTSUP	
71	SISMAO	
71	SISMAVA	
71	SISMAVB	
71	SW2	
71	SW2SISO	
71	SW2SVA	
71	SW2SVB	
71	LM71C	
72	AVVLM71	
72	BALLAST	
72	FRENSW2	
72	LM71DX	
72	LM71SISO	
72	LM71SVA	
72	LM71SVB	
72	REINTSUP	
72	SISMAO	
72	SISMAVA	
72	SISMAVB	
72	SW2	
72	SW2SISO	
72	SW2SVA	
72	SW2SVB	
72	LM71C	
73	AVVLM71	
73	BALLAST	
73	FRENSW2	
73	LM71DX	
73	LM71SISO	
73	LM71SVA	
73	LM71SVB	
73	REINTSUP	
73	SISMAO	
73	SISMAVA	
73	SISMAVB	
73	SW2	
73	SW2SISO	
73	SW2SVA	
73	SW2SVB	
73	LM71C	
74	AVVLM71	
74	BALLAST	
74	FRENSW2	

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



GRUPPO FERROVIE DELLO STATO ITALIANE

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
240 di 294

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
74	LM71DX	
74	LM71SISO	
74	LM71SVA	
74	LM71SVB	
74	REINTSUP	
74	SISMAO	
74	SISMAVA	
74	SISMAVB	
74	SW2	
74	SW2SISO	
74	SW2SVA	
74	SW2SVB	
74	LM71C	
59	SISMAO	
59	SISMAVA	
59	SISMAVB	
56	SISMAO	
56	SISMAVA	
56	SISMAVB	
53	SISMAO	
53	SISMAVA	
53	SISMAVB	
50	SISMAO	
50	SISMAVA	
50	SISMAVB	
47	SISMAO	
47	SISMAVA	
47	SISMAVB	
44	SISMAO	
44	SISMAVA	
44	SISMAVB	
41	SISMAO	
41	SISMAVA	
41	SISMAVB	
38	SISMAO	
38	SISMAVA	
38	SISMAVB	
65	REINTSUP	
65	BALLAST	
65	LM71C	
65	LM71SX	
65	AVVLM71	
65	SW2	
65	FRENSW2	
65	LM71SISO	
65	SW2SISO	
65	SISMAO	
65	LM71SVA	
65	SW2SVA	
65	SISMAVA	
65	LM71SVB	
65	SW2SVB	
65	SISMAVB	
66	REINTSUP	
66	BALLAST	
66	LM71C	
66	LM71SX	
66	AVVLM71	
66	SW2	
66	FRENSW2	
66	LM71SISO	
66	SW2SISO	
66	SISMAO	
66	LM71SVA	
66	SW2SVA	
66	SISMAVA	
66	LM71SVB	
66	SW2SVB	

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



GRUPPO FERROVIE DELLO STATO ITALIANE

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
241 di 294

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
66	SISMAVB	
67	REINTSUP	
67	BALLAST	
67	LM71C	
67	LM71SX	
67	AVVLM71	
67	SW2	
67	FRENSW2	
67	LM71SISO	
67	SW2SISO	
67	SISMAO	
67	LM71SVA	
67	SW2SVA	
67	SISMAVA	
67	LM71SVB	
67	SW2SVB	
67	SISMAVB	
68	REINTSUP	
68	BALLAST	
68	LM71C	
68	LM71DX	
68	AVVLM71	
68	SW2	
68	FRENSW2	
68	LM71SISO	
68	SW2SISO	
68	SISMAO	
68	LM71SVA	
68	SW2SVA	
68	SISMAVA	
68	LM71SVB	
68	SW2SVB	
68	SISMAVB	
69	REINTSUP	
69	BALLAST	
69	LM71C	
69	LM71DX	
69	AVVLM71	
69	SW2	
69	FRENSW2	
69	LM71SISO	
69	SW2SISO	
69	SISMAO	
69	LM71SVA	
69	SW2SVA	
69	SISMAVA	
69	LM71SVB	
69	SW2SVB	
69	SISMAVB	
70	REINTSUP	
70	BALLAST	
70	LM71C	
70	LM71DX	
70	AVVLM71	
70	SW2	
70	FRENSW2	
70	LM71SISO	
70	SW2SISO	
70	SISMAO	
70	LM71SVA	
70	SW2SVA	
70	SISMAVA	
70	LM71SVB	
70	SW2SVB	
70	SISMAVB	

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
242 di 294

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp C	TempGrad2 C/m	JtPattern
61	TERMP	Temperature	5		None
61	TERMN	Temperature	-15		None
61	GRADTP	Gradient2		16,67	None
61	GRADTN	Gradient2		-16,67	None
62	TERMP	Temperature	5		None
62	TERMN	Temperature	-15		None
62	GRADTP	Gradient2		16,67	None
62	GRADTN	Gradient2		-16,67	None
63	TERMP	Temperature	5		None
63	TERMN	Temperature	-15		None
63	GRADTP	Gradient2		16,67	None
63	GRADTN	Gradient2		-16,67	None
64	TERMP	Temperature	5		None
64	TERMN	Temperature	-15		None
64	GRADTP	Gradient2		16,67	None
64	GRADTN	Gradient2		-16,67	None
71	TERMP	Temperature	5		None
71	TERMN	Temperature	-15		None
71	GRADTP	Gradient2		16,67	None
71	GRADTN	Gradient2		-16,67	None
72	TERMP	Temperature	5		None
72	TERMN	Temperature	-15		None
72	GRADTP	Gradient2		16,67	None
72	GRADTN	Gradient2		-16,67	None
73	TERMP	Temperature	5		None
73	TERMN	Temperature	-15		None
73	GRADTP	Gradient2		16,67	None
73	GRADTN	Gradient2		-16,67	None
74	TERMP	Temperature	5		None
74	TERMN	Temperature	-15		None
74	GRADTP	Gradient2		16,67	None
74	GRADTN	Gradient2		-16,67	None
65	TERMP	Temperature	5		None
65	TERMN	Temperature	-15		None
65	GRADTP	Gradient2		16,67	None
65	GRADTN	Gradient2		-16,67	None
66	TERMP	Temperature	5		None
66	TERMN	Temperature	-15		None
66	GRADTP	Gradient2		16,67	None
66	GRADTN	Gradient2		-16,67	None
67	TERMP	Temperature	5		None
67	TERMN	Temperature	-15		None
67	GRADTP	Gradient2		16,67	None
67	GRADTN	Gradient2		-16,67	None
68	TERMP	Temperature	5		None
68	TERMN	Temperature	-15		None
68	GRADTP	Gradient2		16,67	None
68	GRADTN	Gradient2		-16,67	None
69	TERMP	Temperature	5		None
69	TERMN	Temperature	-15		None
69	GRADTP	Gradient2		16,67	None
69	GRADTN	Gradient2		-16,67	None
70	TERMP	Temperature	5		None
70	TERMN	Temperature	-15		None
70	GRADTP	Gradient2		16,67	None
70	GRADTN	Gradient2		-16,67	None

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Rectangular	N.A.	fondazione	fondazione	Default
2	Rectangular	N.A.	fondazione	fondazione	Default
3	Rectangular	N.A.	fondazione	fondazione	Default
4	Rectangular	N.A.	fondazione	fondazione	Default
5	Rectangular	N.A.	fondazione	fondazione	Default

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
243 di 294

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
6	Rectangular	N.A.	fondazione	fondazione	Default
7	Rectangular	N.A.	fondazione	fondazione	Default
8	Rectangular	N.A.	fondazione	fondazione	Default
9	Rectangular	N.A.	fondazione	fondazione	Default
10	Rectangular	N.A.	fondazione	fondazione	Default
11	Rectangular	N.A.	fondazione	fondazione	Default
12	Rectangular	N.A.	fondazione	fondazione	Default
13	Rectangular	N.A.	fondazione	fondazione	Default
14	Rectangular	N.A.	fondazione	fondazione	Default
15	Rectangular	N.A.	fondazione	fondazione	Default
16	Rectangular	N.A.	fondazione	fondazione	Default
17	Rectangular	N.A.	fondazione	fondazione	Default
18	Rectangular	N.A.	fondazione	fondazione	Default
19	Rectangular	N.A.	fondazione	fondazione	Default
20	Rectangular	N.A.	fondazione	fondazione	Default
21	Rectangular	N.A.	fondazione	fondazione	Default
22	Rectangular	N.A.	fondazione	fondazione	Default
23	Rectangular	N.A.	fondazione	fondazione	Default
24	Rectangular	N.A.	fondazione	fondazione	Default
25	Rectangular	N.A.	fondazione	fondazione	Default
26	Rectangular	N.A.	fondazione	fondazione	Default
27	Rectangular	N.A.	fondazione	fondazione	Default
28	Rectangular	N.A.	fondazione	fondazione	Default
29	Rectangular	N.A.	fondazione	fondazione	Default
30	Rectangular	N.A.	fondazione	fondazione	Default
31	Rectangular	N.A.	fondazione	fondazione	Default
32	Rectangular	N.A.	fondazione	fondazione	Default
33	Rectangular	N.A.	fondazione	fondazione	Default
34	Rectangular	N.A.	fondazione	fondazione	Default
35	Rectangular	N.A.	fondazione	fondazione	Default
36	Rectangular	N.A.	fondazione	fondazione	Default
37	Rectangular	N.A.	pieдрitto	pieдрitto	Default
38	Rectangular	N.A.	pieдрitto	pieдрitto	Default
39	Rectangular	N.A.	pieдрitto	pieдрitto	Default
40	Rectangular	N.A.	pieдрitto	pieдрitto	Default
41	Rectangular	N.A.	pieдрitto	pieдрitto	Default
42	Rectangular	N.A.	pieдрitto	pieдрitto	Default
43	Rectangular	N.A.	pieдрitto	pieдрitto	Default
44	Rectangular	N.A.	pieдрitto	pieдрitto	Default
45	Rectangular	N.A.	pieдрitto	pieдрitto	Default
46	Rectangular	N.A.	pieдрitto	pieдрitto	Default
47	Rectangular	N.A.	pieдрitto	pieдрitto	Default
48	Rectangular	N.A.	pieдрitto	pieдрitto	Default
49	Rectangular	N.A.	pieдрitto	pieдрitto	Default
50	Rectangular	N.A.	pieдрitto	pieдрitto	Default
51	Rectangular	N.A.	pieдрitto	pieдрitto	Default
52	Rectangular	N.A.	pieдрitto	pieдрitto	Default
53	Rectangular	N.A.	pieдрitto	pieдрitto	Default
54	Rectangular	N.A.	pieдрitto	pieдрitto	Default
55	Rectangular	N.A.	pieдрitto	pieдрitto	Default
56	Rectangular	N.A.	pieдрitto	pieдрitto	Default
57	Rectangular	N.A.	pieдрitto	pieдрitto	Default
58	Rectangular	N.A.	pieдрitto	pieдрitto	Default
59	Rectangular	N.A.	pieдрitto	pieдрitto	Default
60	Rectangular	N.A.	pieдрitto	pieдрitto	Default
61	Rectangular	N.A.	soletta superiore	soletta superiore	Default
62	Rectangular	N.A.	soletta superiore	soletta superiore	Default
63	Rectangular	N.A.	soletta superiore	soletta superiore	Default
64	Rectangular	N.A.	soletta superiore	soletta superiore	Default
65	Rectangular	N.A.	soletta superiore	soletta superiore	Default
66	Rectangular	N.A.	soletta superiore	soletta superiore	Default
67	Rectangular	N.A.	soletta superiore	soletta superiore	Default
68	Rectangular	N.A.	soletta superiore	soletta superiore	Default
69	Rectangular	N.A.	soletta superiore	soletta superiore	Default
70	Rectangular	N.A.	soletta superiore	soletta superiore	Default
71	Rectangular	N.A.	soletta superiore	soletta superiore	Default
72	Rectangular	N.A.	soletta superiore	soletta superiore	Default
73	Rectangular	N.A.	soletta superiore	soletta superiore	Default

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
244 di 294

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
74	Rectangular	N.A.	soletta superiore	soletta superiore	Default

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

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

SectionName	Material	Shape	t3 m	t2 m	Area m2	TorsConst m4
fondazione	C25/30	Rectangular	0,3	1	0,3	0,0073
piedritto	C32/40	Rectangular	0,3	1	0,3	0,0073
soletta superiore	C32/40	Rectangular	0,3	1	0,3	0,0073

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

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

SectionName	I33 m4	I22 m4	I23 m4	AS2 m2	AS3 m2	S33 m3	S22 m3
fondazione	0,00225	0,025	0	0,25	0,25	0,015	0,05
piedritto	0,00225	0,025	0	0,25	0,25	0,015	0,05
soletta superiore	0,00225	0,025	0	0,25	0,25	0,015	0,05

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

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

SectionName	Z33 m3	Z22 m3	R33 m	R22 m	ConcCol	ConcBeam	Color
fondazione	0,0225	0,075	0,086603	0,288675	Yes	No	Blue
piedritto	0,0225	0,075	0,086603	0,288675	Yes	No	Yellow
soletta superiore	0,0225	0,075	0,086603	0,288675	Yes	No	Red

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

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

SectionName	TotalWt KN	TotalMass KN-s2/m	FromFile	AMod	A2Mod	A3Mod	JMod
fondazione	22,493	2,29	No	1	1	1	1
piedritto	51,735	5,28	No	1	1	1	1
soletta superiore	22,493	2,29	No	1	1	1	1

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

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

SectionName	I2Mod	I3Mod	MMod	WMod	GUID
fondazione	1	1	1	1	
piedritto	1	1	1	1	
soletta superiore	1	1	1	1	

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

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

SectionName	Notes
fondazione	
piedritto	
soletta superiore	

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	-1,5	0	0	Yes	-1,5
2	GLOBAL	Cartesian	-1,425	0	0	Yes	-1,425
3	GLOBAL	Cartesian	-1,35	0	0	Yes	-1,35
4	GLOBAL	Cartesian	-1,2629	0	0	No	-1,2629
5	GLOBAL	Cartesian	-1,17581	0	0	No	-1,17581
6	GLOBAL	Cartesian	-1,08871	0	0	No	-1,08871
7	GLOBAL	Cartesian	-1,00161	0	0	No	-1,00161
8	GLOBAL	Cartesian	-0,91452	0	0	No	-0,91452

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
245 di 294

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
9	GLOBAL	Cartesian	-0,82742	0	0	No	-0,82742
10	GLOBAL	Cartesian	-0,74032	0	0	No	-0,74032
11	GLOBAL	Cartesian	-0,65323	0	0	No	-0,65323
12	GLOBAL	Cartesian	-0,56613	0	0	No	-0,56613
13	GLOBAL	Cartesian	-0,47903	0	0	No	-0,47903
14	GLOBAL	Cartesian	-0,39194	0	0	No	-0,39194
15	GLOBAL	Cartesian	-0,30484	0	0	No	-0,30484
16	GLOBAL	Cartesian	-0,21774	0	0	No	-0,21774
17	GLOBAL	Cartesian	-0,15	0	0	No	-0,15
18	GLOBAL	Cartesian	-0,075	0	0	No	-0,075
19	GLOBAL	Cartesian	0	0	0	Yes	0
20	GLOBAL	Cartesian	0,075	0	0	No	0,075
21	GLOBAL	Cartesian	0,15	0	0	No	0,15
22	GLOBAL	Cartesian	0,21774	0	0	No	0,21774
23	GLOBAL	Cartesian	0,30484	0	0	No	0,30484
24	GLOBAL	Cartesian	0,39194	0	0	No	0,39194
25	GLOBAL	Cartesian	0,47903	0	0	No	0,47903
26	GLOBAL	Cartesian	0,56613	0	0	No	0,56613
27	GLOBAL	Cartesian	0,65323	0	0	No	0,65323
28	GLOBAL	Cartesian	0,74032	0	0	No	0,74032
29	GLOBAL	Cartesian	0,82742	0	0	No	0,82742
30	GLOBAL	Cartesian	0,91452	0	0	No	0,91452
31	GLOBAL	Cartesian	1,00161	0	0	No	1,00161
32	GLOBAL	Cartesian	1,08871	0	0	No	1,08871
33	GLOBAL	Cartesian	1,17581	0	0	No	1,17581
34	GLOBAL	Cartesian	1,2629	0	0	No	1,2629
35	GLOBAL	Cartesian	1,35	0	0	Yes	1,35
36	GLOBAL	Cartesian	1,425	0	0	Yes	1,425
37	GLOBAL	Cartesian	1,5	0	0	Yes	1,5
38	GLOBAL	Cartesian	-1,5	0	0,075	Yes	-1,5
39	GLOBAL	Cartesian	0	0	0,075	Yes	0
40	GLOBAL	Cartesian	1,5	0	0,075	Yes	1,5
41	GLOBAL	Cartesian	-1,5	0	0,15	Yes	-1,5
42	GLOBAL	Cartesian	0	0	0,15	Yes	0
43	GLOBAL	Cartesian	1,5	0	0,15	Yes	1,5
44	GLOBAL	Cartesian	-1,5	0	0,65	No	-1,5
45	GLOBAL	Cartesian	0	0	0,65	Yes	0
46	GLOBAL	Cartesian	1,5	0	0,65	No	1,5
47	GLOBAL	Cartesian	-1,5	0	1,15	No	-1,5
48	GLOBAL	Cartesian	0	0	1,15	Yes	0
49	GLOBAL	Cartesian	1,5	0	1,15	No	1,5
50	GLOBAL	Cartesian	-1,5	0	1,65	No	-1,5
51	GLOBAL	Cartesian	0	0	1,65	Yes	0
52	GLOBAL	Cartesian	1,5	0	1,65	No	1,5
53	GLOBAL	Cartesian	-1,5	0	2,15	Yes	-1,5
54	GLOBAL	Cartesian	0	0	2,15	Yes	0
55	GLOBAL	Cartesian	1,5	0	2,15	Yes	1,5
56	GLOBAL	Cartesian	-1,5	0	2,225	Yes	-1,5
57	GLOBAL	Cartesian	0	0	2,225	Yes	0
58	GLOBAL	Cartesian	1,5	0	2,225	Yes	1,5
59	GLOBAL	Cartesian	-1,5	0	2,3	Yes	-1,5
60	GLOBAL	Cartesian	-1,425	0	2,3	Yes	-1,425
61	GLOBAL	Cartesian	-1,35	0	2,3	Yes	-1,35
62	GLOBAL	Cartesian	-0,81	0	2,3	Yes	-0,81
63	GLOBAL	Cartesian	-0,27	0	2,3	Yes	-0,27
64	GLOBAL	Cartesian	-0,15	0	2,3	Yes	-0,15
65	GLOBAL	Cartesian	-0,075	0	2,3	Yes	-0,075
66	GLOBAL	Cartesian	0	0	2,3	No	0
67	GLOBAL	Cartesian	0,075	0	2,3	Yes	0,075
68	GLOBAL	Cartesian	0,15	0	2,3	Yes	0,15
69	GLOBAL	Cartesian	0,27	0	2,3	Yes	0,27
70	GLOBAL	Cartesian	0,81	0	2,3	Yes	0,81
71	GLOBAL	Cartesian	1,35	0	2,3	Yes	1,35
72	GLOBAL	Cartesian	1,425	0	2,3	Yes	1,425
73	GLOBAL	Cartesian	1,5	0	2,3	Yes	1,5

GENERAL CONTRACTOR

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Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
246 di 294

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	0	0	
2	0	0	
3	0	0	
4	0	0	
5	0	0	
6	0	0	
7	0	0	
8	0	0	
9	0	0	
10	0	0	
11	0	0	
12	0	0	
13	0	0	
14	0	0	
15	0	0	
16	0	0	
17	0	0	
18	0	0	
19	0	0	
20	0	0	
21	0	0	
22	0	0	
23	0	0	
24	0	0	
25	0	0	
26	0	0	
27	0	0	
28	0	0	
29	0	0	
30	0	0	
31	0	0	
32	0	0	
33	0	0	
34	0	0	
35	0	0	
36	0	0	
37	0	0	
38	0	0,075	
39	0	0,075	
40	0	0,075	
41	0	0,15	
42	0	0,15	
43	0	0,15	
44	0	0,65	
45	0	0,65	
46	0	0,65	
47	0	1,15	
48	0	1,15	
49	0	1,15	
50	0	1,65	
51	0	1,65	
52	0	1,65	
53	0	2,15	
54	0	2,15	
55	0	2,15	
56	0	2,225	
57	0	2,225	
58	0	2,225	
59	0	2,3	
60	0	2,3	
61	0	2,3	
62	0	2,3	
63	0	2,3	
64	0	2,3	
65	0	2,3	
66	0	2,3	
67	0	2,3	



Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 247 di 294
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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
68	0	2,3	
69	0	2,3	
70	0	2,3	
71	0	2,3	
72	0	2,3	
73	0	2,3	

Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
1	PP	LinStatic	3,727E-07	0	-0,006285	0	-2,8E-05	0
1	REINTSUP	LinStatic	1,494E-08	0	-0,004128	0	-1,8E-05	0
1	BALLAST	LinStatic	1,014E-08	0	-0,002804	0	-1,2E-05	0
1	STERRASX	LinStatic	0,038127	0	0,007882	0	0,005368	0
1	STERRADX	LinStatic	-0,038122	0	-0,007874	0	-0,005317	0
1	TERMP	LinStatic	-1,758E-07	0	-1,3E-05	0	-2,6E-05	0
1	TERMN	LinStatic	5,273E-07	0	3,9E-05	0	7,8E-05	0
1	GRADTP	LinStatic	6,923E-07	0	-9,977E-06	0	-2,602E-07	0
1	GRADTN	LinStatic	-6,923E-07	0	9,977E-06	0	2,602E-07	0
1	LM71C	LinStatic	4,289E-08	0	-0,011853	0	-5,3E-05	0
1	LM71SX	LinStatic	-2,009E-09	0	-0,015055	0	-0,006144	0
1	LM71DX	LinStatic	4,49E-08	0	0,003201	0	0,006091	0
1	STLM71	LinStatic	0,032233	0	0,007638	0	0,005193	0
1	AVVLM71	LinStatic	0,01965	0	0,009302	0	0,006275	0
1	SW2	LinStatic	3,532E-08	0	-0,009762	0	-4,3E-05	0
1	STSW2	LinStatic	0,026555	0	0,006292	0	0,004279	0
1	FRENSW2	LinStatic	0,020835	0	0,009863	0	0,006654	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	0,037538	0	0,008895	0	0,006048	0
1	LM71SISO	LinStatic	0,007036	0	0,003331	0	0,002247	0
1	SW2SISO	LinStatic	0,005792	0	0,002742	0	0,00185	0
1	SISMAO	LinStatic	0,031698	0	0,012858	0	0,008678	0
1	LM71SVA	LinStatic	-1,275E-09	0	0,000352	0	1,561E-06	0
1	SW2SVA	LinStatic	-1,05E-09	0	0,00029	0	1,285E-06	0
1	SISMAVA	LinStatic	-5,882E-08	0	0,001753	0	8,688E-06	0
1	LM71SVB	LinStatic	1,275E-09	0	-0,000352	0	-1,561E-06	0
1	SW2SVB	LinStatic	1,05E-09	0	-0,00029	0	-1,285E-06	0
1	SISMAVB	LinStatic	5,882E-08	0	-0,001753	0	-8,688E-06	0
2	PP	LinStatic	3,541E-07	0	-0,006283	0	-3,1E-05	0
2	REINTSUP	LinStatic	1,419E-08	0	-0,004126	0	-1,9E-05	0
2	BALLAST	LinStatic	9,637E-09	0	-0,002803	0	-1,3E-05	0
2	STERRASX	LinStatic	0,038127	0	0,00748	0	0,005352	0
2	STERRADX	LinStatic	-0,038122	0	-0,007476	0	-0,00531	0
2	TERMP	LinStatic	-1,67E-07	0	-1,1E-05	0	-2,5E-05	0
2	TERMN	LinStatic	5,009E-07	0	3,4E-05	0	7,4E-05	0
2	GRADTP	LinStatic	6,577E-07	0	-9,734E-06	0	-3,517E-06	0
2	GRADTN	LinStatic	-6,577E-07	0	9,734E-06	0	3,517E-06	0
2	LM71C	LinStatic	4,074E-08	0	-0,011848	0	-5,5E-05	0
2	LM71SX	LinStatic	-7,901E-10	0	-0,014593	0	-0,006146	0
2	LM71DX	LinStatic	4,153E-08	0	0,002744	0	0,006091	0
2	STLM71	LinStatic	0,032233	0	0,007249	0	0,00518	0
2	AVVLM71	LinStatic	0,01965	0	0,008831	0	0,006267	0
2	SW2	LinStatic	3,356E-08	0	-0,009758	0	-4,5E-05	0
2	STSW2	LinStatic	0,026555	0	0,005972	0	0,004267	0
2	FRENSW2	LinStatic	0,020835	0	0,009364	0	0,006645	0
2	SERP	LinStatic	0	0	0	0	0	0
2	INCRTER	LinStatic	0,037538	0	0,008442	0	0,006032	0
2	LM71SISO	LinStatic	0,007036	0	0,003162	0	0,002244	0
2	SW2SISO	LinStatic	0,005792	0	0,002603	0	0,001847	0
2	SISMAO	LinStatic	0,031698	0	0,012207	0	0,008665	0
2	LM71SVA	LinStatic	-1,211E-09	0	0,000352	0	1,636E-06	0
2	SW2SVA	LinStatic	-9,972E-10	0	0,00029	0	1,347E-06	0
2	SISMAVA	LinStatic	-5,588E-08	0	0,001752	0	9,364E-06	0
2	LM71SVB	LinStatic	1,211E-09	0	-0,000352	0	-1,636E-06	0
2	SW2SVB	LinStatic	9,972E-10	0	-0,00029	0	-1,347E-06	0
2	SISMAVB	LinStatic	5,588E-08	0	-0,001752	0	-9,364E-06	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
248 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
3	PP	LinStatic	3,354E-07	0	-0,00628	0	-3,2E-05	0
3	REINTSUP	LinStatic	1,344E-08	0	-0,004124	0	-1,9E-05	0
3	BALLAST	LinStatic	9,13E-09	0	-0,002801	0	-1,3E-05	0
3	STERRASX	LinStatic	0,038127	0	0,00708	0	0,005337	0
3	STERRADX	LinStatic	-0,038122	0	-0,007077	0	-0,005302	0
3	TERMP	LinStatic	-1,582E-07	0	-9,373E-06	0	-2,3E-05	0
3	TERMN	LinStatic	4,746E-07	0	2,8E-05	0	7E-05	0
3	GRADTP	LinStatic	6,231E-07	0	-9,26E-06	0	-6,429E-06	0
3	GRADTN	LinStatic	-6,231E-07	0	9,26E-06	0	6,429E-06	0
3	LM71C	LinStatic	3,86E-08	0	-0,011844	0	-5,5E-05	0
3	LM71SX	LinStatic	4,289E-10	0	-0,014131	0	-0,006145	0
3	LM71DX	LinStatic	3,817E-08	0	0,002287	0	0,006091	0
3	STLM71	LinStatic	0,032233	0	0,006861	0	0,005166	0
3	AVVLM71	LinStatic	0,01965	0	0,008361	0	0,006257	0
3	SW2	LinStatic	3,179E-08	0	-0,009754	0	-4,5E-05	0
3	STSW2	LinStatic	0,026555	0	0,005652	0	0,004256	0
3	FRENSW2	LinStatic	0,020835	0	0,008866	0	0,006635	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	0,037538	0	0,00799	0	0,006016	0
3	LM71SISO	LinStatic	0,007036	0	0,002994	0	0,002241	0
3	SW2SISO	LinStatic	0,005792	0	0,002465	0	0,001844	0
3	SISMAO	LinStatic	0,031698	0	0,011557	0	0,008652	0
3	LM71SVA	LinStatic	-1,148E-09	0	0,000352	0	1,631E-06	0
3	SW2SVA	LinStatic	-9,447E-10	0	0,00029	0	1,343E-06	0
3	SISMAVA	LinStatic	-5,293E-08	0	0,001751	0	9,609E-06	0
3	LM71SVB	LinStatic	1,148E-09	0	-0,000352	0	-1,631E-06	0
3	SW2SVB	LinStatic	9,447E-10	0	-0,00029	0	-1,343E-06	0
3	SISMAVB	LinStatic	5,293E-08	0	-0,001751	0	-9,609E-06	0
4	PP	LinStatic	3,138E-07	0	-0,006277	0	-3,3E-05	0
4	REINTSUP	LinStatic	1,257E-08	0	-0,004122	0	-1,8E-05	0
4	BALLAST	LinStatic	8,541E-09	0	-0,0028	0	-1,2E-05	0
4	STERRASX	LinStatic	0,038126	0	0,006616	0	0,005319	0
4	STERRADX	LinStatic	-0,038122	0	-0,006616	0	-0,005293	0
4	TERMP	LinStatic	-1,48E-07	0	-7,408E-06	0	-2,2E-05	0
4	TERMN	LinStatic	4,439E-07	0	2,2E-05	0	6,5E-05	0
4	GRADTP	LinStatic	5,829E-07	0	-8,453E-06	0	-9,377E-06	0
4	GRADTN	LinStatic	-5,829E-07	0	8,453E-06	0	9,377E-06	0
4	LM71C	LinStatic	3,611E-08	0	-0,011838	0	-5,2E-05	0
4	LM71SX	LinStatic	1,845E-09	0	-0,013595	0	-0,006142	0
4	LM71DX	LinStatic	3,427E-08	0	0,001757	0	0,00609	0
4	STLM71	LinStatic	0,032232	0	0,006411	0	0,00515	0
4	AVVLM71	LinStatic	0,01965	0	0,007817	0	0,006246	0
4	SW2	LinStatic	2,974E-08	0	-0,00975	0	-4,3E-05	0
4	STSW2	LinStatic	0,026555	0	0,005282	0	0,004242	0
4	FRENSW2	LinStatic	0,020835	0	0,008288	0	0,006623	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	0,037537	0	0,007467	0	0,005997	0
4	LM71SISO	LinStatic	0,007036	0	0,002799	0	0,002237	0
4	SW2SISO	LinStatic	0,005792	0	0,002304	0	0,001841	0
4	SISMAO	LinStatic	0,031698	0	0,010805	0	0,008636	0
4	LM71SVA	LinStatic	-1,074E-09	0	0,000352	0	1,541E-06	0
4	SW2SVA	LinStatic	-8,838E-10	0	0,00029	0	1,269E-06	0
4	SISMAVA	LinStatic	-4,952E-08	0	0,00175	0	9,426E-06	0
4	LM71SVB	LinStatic	1,074E-09	0	-0,000352	0	-1,541E-06	0
4	SW2SVB	LinStatic	8,838E-10	0	-0,00029	0	-1,269E-06	0
4	SISMAVB	LinStatic	4,952E-08	0	-0,00175	0	-9,426E-06	0
5	PP	LinStatic	2,921E-07	0	-0,006273	0	-3,2E-05	0
5	REINTSUP	LinStatic	1,171E-08	0	-0,004121	0	-1,6E-05	0
5	BALLAST	LinStatic	7,952E-09	0	-0,002799	0	-1,1E-05	0
5	STERRASX	LinStatic	0,038126	0	0,006153	0	0,005302	0
5	STERRADX	LinStatic	-0,038122	0	-0,006155	0	-0,005283	0
5	TERMP	LinStatic	-1,378E-07	0	-5,577E-06	0	-2E-05	0
5	TERMN	LinStatic	4,133E-07	0	1,7E-05	0	6,1E-05	0
5	GRADTP	LinStatic	5,427E-07	0	-7,409E-06	0	-1,2E-05	0
5	GRADTN	LinStatic	-5,427E-07	0	7,409E-06	0	1,2E-05	0
5	LM71C	LinStatic	3,362E-08	0	-0,011833	0	-4,6E-05	0
5	LM71SX	LinStatic	3,26E-09	0	-0,01306	0	-0,006135	0
5	LM71DX	LinStatic	3,036E-08	0	0,001227	0	0,006089	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
249 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
5	STLM71	LinStatic	0,032232	0	0,005964	0	0,005134	0
5	AVVLM71	LinStatic	0,01965	0	0,007273	0	0,006235	0
5	SW2	LinStatic	2,769E-08	0	-0,009746	0	-3,8E-05	0
5	STSW2	LinStatic	0,026555	0	0,004913	0	0,00423	0
5	FRENSW2	LinStatic	0,020835	0	0,007712	0	0,006611	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	0,037537	0	0,006945	0	0,005979	0
5	LM71SISO	LinStatic	0,007036	0	0,002604	0	0,002232	0
5	SW2SISO	LinStatic	0,005792	0	0,002144	0	0,001838	0
5	SISMAO	LinStatic	0,031698	0	0,010053	0	0,008619	0
5	LM71SVA	LinStatic	-9,995E-10	0	0,000352	0	1,375E-06	0
5	SW2SVA	LinStatic	-8,228E-10	0	0,00029	0	1,132E-06	0
5	SISMAVA	LinStatic	-4,61E-08	0	0,00175	0	8,814E-06	0
5	LM71SVB	LinStatic	9,995E-10	0	-0,000352	0	-1,375E-06	0
5	SW2SVB	LinStatic	8,228E-10	0	-0,00029	0	-1,132E-06	0
5	SISMAVB	LinStatic	4,61E-08	0	-0,00175	0	-8,814E-06	0
6	PP	LinStatic	2,705E-07	0	-0,00627	0	-3E-05	0
6	REINTSUP	LinStatic	1,084E-08	0	-0,004119	0	-1,3E-05	0
6	BALLAST	LinStatic	7,363E-09	0	-0,002798	0	-9,141E-06	0
6	STERRASX	LinStatic	0,038126	0	0,005692	0	0,005285	0
6	STERRADX	LinStatic	-0,038122	0	-0,005696	0	-0,005273	0
6	TERMP	LinStatic	-1,276E-07	0	-3,88E-06	0	-1,9E-05	0
6	TERMN	LinStatic	3,827E-07	0	1,2E-05	0	5,6E-05	0
6	GRADTP	LinStatic	5,025E-07	0	-6,17E-06	0	-1,4E-05	0
6	GRADTN	LinStatic	-5,025E-07	0	6,17E-06	0	1,4E-05	0
6	LM71C	LinStatic	3,113E-08	0	-0,011829	0	-3,9E-05	0
6	LM71SX	LinStatic	4,676E-09	0	-0,012525	0	-0,006126	0
6	LM71DX	LinStatic	2,645E-08	0	0,000696	0	0,006088	0
6	STLM71	LinStatic	0,032232	0	0,005517	0	0,005119	0
6	AVVLM71	LinStatic	0,019649	0	0,006731	0	0,006224	0
6	SW2	LinStatic	2,564E-08	0	-0,009742	0	-3,2E-05	0
6	STSW2	LinStatic	0,026554	0	0,004546	0	0,004217	0
6	FRENSW2	LinStatic	0,020835	0	0,007137	0	0,006599	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	0,037537	0	0,006426	0	0,005962	0
6	LM71SISO	LinStatic	0,007036	0	0,00241	0	0,002228	0
6	SW2SISO	LinStatic	0,005792	0	0,001984	0	0,001834	0
6	SISMAO	LinStatic	0,031698	0	0,009303	0	0,008603	0
6	LM71SVA	LinStatic	-9,255E-10	0	0,000352	0	1,149E-06	0
6	SW2SVA	LinStatic	-7,619E-10	0	0,00029	0	9,458E-07	0
6	SISMAVA	LinStatic	-4,269E-08	0	0,001749	0	7,857E-06	0
6	LM71SVB	LinStatic	9,255E-10	0	-0,000352	0	-1,149E-06	0
6	SW2SVB	LinStatic	7,619E-10	0	-0,00029	0	-9,458E-07	0
6	SISMAVB	LinStatic	4,269E-08	0	-0,001749	0	-7,857E-06	0
7	PP	LinStatic	2,489E-07	0	-0,006268	0	-2,7E-05	0
7	REINTSUP	LinStatic	9,973E-09	0	-0,004118	0	-1E-05	0
7	BALLAST	LinStatic	6,774E-09	0	-0,002797	0	-7,001E-06	0
7	STERRASX	LinStatic	0,038125	0	0,005233	0	0,00527	0
7	STERRADX	LinStatic	-0,038122	0	-0,005237	0	-0,005264	0
7	TERMP	LinStatic	-1,174E-07	0	-2,316E-06	0	-1,7E-05	0
7	TERMN	LinStatic	3,521E-07	0	6,948E-06	0	5,2E-05	0
7	GRADTP	LinStatic	4,623E-07	0	-4,775E-06	0	-1,5E-05	0
7	GRADTN	LinStatic	-4,623E-07	0	4,775E-06	0	1,5E-05	0
7	LM71C	LinStatic	2,864E-08	0	-0,011826	0	-3E-05	0
7	LM71SX	LinStatic	6,091E-09	0	-0,011992	0	-0,006116	0
7	LM71DX	LinStatic	2,255E-08	0	0,000166	0	0,006087	0
7	STLM71	LinStatic	0,032232	0	0,005073	0	0,005105	0
7	AVVLM71	LinStatic	0,019649	0	0,006189	0	0,006213	0
7	SW2	LinStatic	2,359E-08	0	-0,00974	0	-2,4E-05	0
7	STSW2	LinStatic	0,026554	0	0,004179	0	0,004206	0
7	FRENSW2	LinStatic	0,020835	0	0,006563	0	0,006588	0
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	0,037537	0	0,005907	0	0,005946	0
7	LM71SISO	LinStatic	0,007036	0	0,002216	0	0,002225	0
7	SW2SISO	LinStatic	0,005792	0	0,001824	0	0,001831	0
7	SISMAO	LinStatic	0,031698	0	0,008555	0	0,008588	0
7	LM71SVA	LinStatic	-8,514E-10	0	0,000352	0	8,8E-07	0
7	SW2SVA	LinStatic	-7,009E-10	0	0,000289	0	7,244E-07	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
250 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
7	SISMAVA	LinStatic	-3,927E-08	0	0,001748	0	6,636E-06	0
7	LM71SVB	LinStatic	8,514E-10	0	-0,000352	0	-8,8E-07	0
7	SW2SVB	LinStatic	7,009E-10	0	-0,000289	0	-7,244E-07	0
7	SISMAVB	LinStatic	3,927E-08	0	-0,001748	0	-6,636E-06	0
8	PP	LinStatic	2,272E-07	0	-0,006265	0	-2,4E-05	0
8	REINTSUP	LinStatic	9,106E-09	0	-0,004117	0	-6,844E-06	0
8	BALLAST	LinStatic	6,185E-09	0	-0,002797	0	-4,649E-06	0
8	STERRASX	LinStatic	0,038125	0	0,004775	0	0,005256	0
8	STERRADX	LinStatic	-0,038122	0	-0,004779	0	-0,005255	0
8	TERMP	LinStatic	-1,072E-07	0	-8,847E-07	0	-1,6E-05	0
8	TERMN	LinStatic	3,215E-07	0	2,654E-06	0	4,7E-05	0
8	GRADTP	LinStatic	4,221E-07	0	-3,264E-06	0	-1,7E-05	0
8	GRADTN	LinStatic	-4,221E-07	0	3,264E-06	0	1,7E-05	0
8	LM71C	LinStatic	2,615E-08	0	-0,011824	0	-2E-05	0
8	LM71SX	LinStatic	7,507E-09	0	-0,01146	0	-0,006105	0
8	LM71DX	LinStatic	1,864E-08	0	-0,000364	0	0,006085	0
8	STLM71	LinStatic	0,032231	0	0,004629	0	0,005093	0
8	AVVLM71	LinStatic	0,019649	0	0,005649	0	0,006203	0
8	SW2	LinStatic	2,154E-08	0	-0,009738	0	-1,6E-05	0
8	STSW2	LinStatic	0,026554	0	0,003813	0	0,004196	0
8	FRENSW2	LinStatic	0,020835	0	0,00599	0	0,006577	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	0,037536	0	0,005391	0	0,005931	0
8	LM71SISO	LinStatic	0,007036	0	0,002023	0	0,002221	0
8	SW2SISO	LinStatic	0,005792	0	0,001665	0	0,001828	0
8	SISMAO	LinStatic	0,031698	0	0,007808	0	0,008574	0
8	LM71SVA	LinStatic	-7,774E-10	0	0,000352	0	5,843E-07	0
8	SW2SVA	LinStatic	-6,4E-10	0	0,000289	0	4,81E-07	0
8	SISMAVA	LinStatic	-3,586E-08	0	0,001748	0	5,231E-06	0
8	LM71SVB	LinStatic	7,774E-10	0	-0,000352	0	-5,843E-07	0
8	SW2SVB	LinStatic	6,4E-10	0	-0,000289	0	-4,81E-07	0
8	SISMAVB	LinStatic	3,586E-08	0	-0,001748	0	-5,231E-06	0
9	PP	LinStatic	2,056E-07	0	-0,006263	0	-2E-05	0
9	REINTSUP	LinStatic	8,238E-09	0	-0,004117	0	-3,26E-06	0
9	BALLAST	LinStatic	5,596E-09	0	-0,002796	0	-2,214E-06	0
9	STERRASX	LinStatic	0,038125	0	0,004318	0	0,005244	0
9	STERRADX	LinStatic	-0,038122	0	-0,004322	0	-0,005247	0
9	TERMP	LinStatic	-9,695E-08	0	4,144E-07	0	-1,4E-05	0
9	TERMN	LinStatic	2,909E-07	0	-1,243E-06	0	4,3E-05	0
9	GRADTP	LinStatic	3,819E-07	0	-1,679E-06	0	-1,7E-05	0
9	GRADTN	LinStatic	-3,819E-07	0	1,679E-06	0	1,7E-05	0
9	LM71C	LinStatic	2,366E-08	0	-0,011822	0	-9,361E-06	0
9	LM71SX	LinStatic	8,923E-09	0	-0,010928	0	-0,006094	0
9	LM71DX	LinStatic	1,474E-08	0	-0,000894	0	0,006084	0
9	STLM71	LinStatic	0,032231	0	0,004186	0	0,005081	0
9	AVVLM71	LinStatic	0,019649	0	0,005109	0	0,006194	0
9	SW2	LinStatic	1,948E-08	0	-0,009737	0	-7,71E-06	0
9	STSW2	LinStatic	0,026554	0	0,003449	0	0,004186	0
9	FRENSW2	LinStatic	0,020835	0	0,005417	0	0,006568	0
9	SERP	LinStatic	0	0	0	0	0	0
9	INCRTER	LinStatic	0,037536	0	0,004875	0	0,005918	0
9	LM71SISO	LinStatic	0,007036	0	0,001829	0	0,002218	0
9	SW2SISO	LinStatic	0,005792	0	0,001506	0	0,001826	0
9	SISMAO	LinStatic	0,031698	0	0,007062	0	0,008561	0
9	LM71SVA	LinStatic	-7,034E-10	0	0,000351	0	2,783E-07	0
9	SW2SVA	LinStatic	-5,79E-10	0	0,000289	0	2,291E-07	0
9	SISMAVA	LinStatic	-3,244E-08	0	0,001747	0	3,726E-06	0
9	LM71SVB	LinStatic	7,034E-10	0	-0,000351	0	-2,783E-07	0
9	SW2SVB	LinStatic	5,79E-10	0	-0,000289	0	-2,291E-07	0
9	SISMAVB	LinStatic	3,244E-08	0	-0,001747	0	-3,726E-06	0
10	PP	LinStatic	1,839E-07	0	-0,006262	0	-1,6E-05	0
10	REINTSUP	LinStatic	7,371E-09	0	-0,004117	0	2,537E-07	0
10	BALLAST	LinStatic	5,007E-09	0	-0,002796	0	1,723E-07	0
10	STERRASX	LinStatic	0,038125	0	0,003862	0	0,005234	0
10	STERRADX	LinStatic	-0,038122	0	-0,003866	0	-0,005239	0
10	TERMP	LinStatic	-8,675E-08	0	1,582E-06	0	-1,3E-05	0
10	TERMN	LinStatic	2,602E-07	0	-4,745E-06	0	3,8E-05	0
10	GRADTP	LinStatic	3,417E-07	0	-5,919E-08	0	-1,7E-05	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
251 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
10	GRADTN	LinStatic	-3,417E-07	0	5,919E-08	0	1,7E-05	0
10	LM71C	LinStatic	2,117E-08	0	-0,011822	0	7,286E-07	0
10	LM71SX	LinStatic	1,034E-08	0	-0,010398	0	-0,006082	0
10	LM71DX	LinStatic	1,083E-08	0	-0,001424	0	0,006083	0
10	STLM71	LinStatic	0,032231	0	0,003744	0	0,005072	0
10	AVVLM71	LinStatic	0,019649	0	0,00457	0	0,006186	0
10	SW2	LinStatic	1,743E-08	0	-0,009737	0	6E-07	0
10	STSW2	LinStatic	0,026554	0	0,003085	0	0,004179	0
10	FRENSW2	LinStatic	0,020835	0	0,004846	0	0,006559	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	0,037536	0	0,004361	0	0,005907	0
10	LM71SISO	LinStatic	0,007036	0	0,001637	0	0,002215	0
10	SW2SISO	LinStatic	0,005792	0	0,001347	0	0,001823	0
10	SISMAO	LinStatic	0,031698	0	0,006317	0	0,008551	0
10	LM71SVA	LinStatic	-6,293E-10	0	0,000351	0	-2,166E-08	0
10	SW2SVA	LinStatic	-5,181E-10	0	0,000289	0	-1,783E-08	0
10	SISMAVA	LinStatic	-2,903E-08	0	0,001747	0	2,2E-06	0
10	LM71SVB	LinStatic	6,293E-10	0	-0,000351	0	2,166E-08	0
10	SW2SVB	LinStatic	5,181E-10	0	-0,000289	0	1,783E-08	0
10	SISMAVB	LinStatic	2,903E-08	0	-0,001747	0	-2,2E-06	0
11	PP	LinStatic	1,623E-07	0	-0,006261	0	-1,1E-05	0
11	REINTSUP	LinStatic	6,504E-09	0	-0,004117	0	3,504E-06	0
11	BALLAST	LinStatic	4,418E-09	0	-0,002796	0	2,38E-06	0
11	STERRASX	LinStatic	0,038124	0	0,003408	0	0,005225	0
11	STERRADX	LinStatic	-0,038122	0	-0,00341	0	-0,005233	0
11	TERMP	LinStatic	-7,654E-08	0	2,618E-06	0	-1,1E-05	0
11	TERMN	LinStatic	2,296E-07	0	-7,853E-06	0	3,3E-05	0
11	GRADTP	LinStatic	3,015E-07	0	1,555E-06	0	-1,7E-05	0
11	GRADTN	LinStatic	-3,015E-07	0	-1,555E-06	0	1,7E-05	0
11	LM71C	LinStatic	1,868E-08	0	-0,011823	0	1E-05	0
11	LM71SX	LinStatic	1,175E-08	0	-0,009869	0	-0,006072	0
11	LM71DX	LinStatic	6,923E-09	0	-0,001954	0	0,006082	0
11	STLM71	LinStatic	0,032231	0	0,003303	0	0,005064	0
11	AVVLM71	LinStatic	0,019649	0	0,004032	0	0,00618	0
11	SW2	LinStatic	1,538E-08	0	-0,009737	0	8,288E-06	0
11	STSW2	LinStatic	0,026554	0	0,002722	0	0,004172	0
11	FRENSW2	LinStatic	0,020835	0	0,004276	0	0,006553	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	0,037536	0	0,003847	0	0,005898	0
11	LM71SISO	LinStatic	0,007036	0	0,001444	0	0,002213	0
11	SW2SISO	LinStatic	0,005792	0	0,001189	0	0,001822	0
11	SISMAO	LinStatic	0,031698	0	0,005574	0	0,008542	0
11	LM71SVA	LinStatic	-5,553E-10	0	0,000352	0	-2,992E-07	0
11	SW2SVA	LinStatic	-4,571E-10	0	0,000289	0	-2,463E-07	0
11	SISMAVA	LinStatic	-2,561E-08	0	0,001747	0	7,367E-07	0
11	LM71SVB	LinStatic	5,553E-10	0	-0,000352	0	2,992E-07	0
11	SW2SVB	LinStatic	4,571E-10	0	-0,000289	0	2,463E-07	0
11	SISMAVB	LinStatic	2,561E-08	0	-0,001747	0	-7,367E-07	0
12	PP	LinStatic	1,407E-07	0	-0,00626	0	-7,055E-06	0
12	REINTSUP	LinStatic	5,637E-09	0	-0,004118	0	6,3E-06	0
12	BALLAST	LinStatic	3,829E-09	0	-0,002797	0	4,279E-06	0
12	STERRASX	LinStatic	0,038124	0	0,002953	0	0,005219	0
12	STERRADX	LinStatic	-0,038122	0	-0,002955	0	-0,005229	0
12	TERMP	LinStatic	-6,633E-08	0	3,523E-06	0	-9,653E-06	0
12	TERMN	LinStatic	1,99E-07	0	-1,1E-05	0	2,9E-05	0
12	GRADTP	LinStatic	2,613E-07	0	3,123E-06	0	-1,6E-05	0
12	GRADTN	LinStatic	-2,613E-07	0	-3,123E-06	0	1,6E-05	0
12	LM71C	LinStatic	1,619E-08	0	-0,011824	0	1,8E-05	0
12	LM71SX	LinStatic	1,317E-08	0	-0,009341	0	-0,006062	0
12	LM71DX	LinStatic	3,017E-09	0	-0,002483	0	0,00608	0
12	STLM71	LinStatic	0,032231	0	0,002863	0	0,005059	0
12	AVVLM71	LinStatic	0,019649	0	0,003495	0	0,006176	0
12	SW2	LinStatic	1,333E-08	0	-0,009738	0	1,5E-05	0
12	STSW2	LinStatic	0,026554	0	0,002359	0	0,004168	0
12	FRENSW2	LinStatic	0,020835	0	0,003706	0	0,006548	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	0,037536	0	0,003334	0	0,005891	0
12	LM71SISO	LinStatic	0,007036	0	0,001251	0	0,002211	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
252 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
12	SW2SISO	LinStatic	0,005792	0	0,00103	0	0,00182	0
12	SISMAO	LinStatic	0,031698	0	0,004831	0	0,008536	0
12	LM71SVA	LinStatic	-4,812E-10	0	0,000352	0	-5,379E-07	0
12	SW2SVA	LinStatic	-3,962E-10	0	0,000289	0	-4,428E-07	0
12	SISMAVA	LinStatic	-2,22E-08	0	0,001747	0	-5,838E-07	0
12	LM71SVB	LinStatic	4,812E-10	0	-0,000352	0	5,379E-07	0
12	SW2SVB	LinStatic	3,962E-10	0	-0,000289	0	4,428E-07	0
12	SISMAVB	LinStatic	2,22E-08	0	-0,001747	0	5,838E-07	0
13	PP	LinStatic	1,19E-07	0	-0,006259	0	-3,298E-06	0
13	REINTSUP	LinStatic	4,77E-09	0	-0,004118	0	8,449E-06	0
13	BALLAST	LinStatic	3,24E-09	0	-0,002797	0	5,739E-06	0
13	STERRASX	LinStatic	0,038124	0	0,002499	0	0,005215	0
13	STERRADX	LinStatic	-0,038122	0	-0,0025	0	-0,005226	0
13	TERMP	LinStatic	-5,613E-08	0	4,297E-06	0	-8,157E-06	0
13	TERMN	LinStatic	1,684E-07	0	-1,3E-05	0	2,4E-05	0
13	GRADTP	LinStatic	2,211E-07	0	4,604E-06	0	-1,5E-05	0
13	GRADTN	LinStatic	-2,211E-07	0	-4,604E-06	0	1,5E-05	0
13	LM71C	LinStatic	1,37E-08	0	-0,011827	0	2,4E-05	0
13	LM71SX	LinStatic	1,459E-08	0	-0,008814	0	-0,006054	0
13	LM71DX	LinStatic	-8,886E-10	0	-0,003013	0	0,006078	0
13	STLM71	LinStatic	0,032231	0	0,002423	0	0,005055	0
13	AVVLM71	LinStatic	0,019649	0	0,002957	0	0,006173	0
13	SW2	LinStatic	1,128E-08	0	-0,00974	0	2E-05	0
13	STSW2	LinStatic	0,026553	0	0,001996	0	0,004165	0
13	FRENSW2	LinStatic	0,020835	0	0,003136	0	0,006546	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	0,037535	0	0,002822	0	0,005887	0
13	LM71SISO	LinStatic	0,007036	0	0,001059	0	0,00221	0
13	SW2SISO	LinStatic	0,005792	0	0,000872	0	0,00182	0
13	SISMAO	LinStatic	0,031698	0	0,004088	0	0,008533	0
13	LM71SVA	LinStatic	-4,072E-10	0	0,000352	0	-7,213E-07	0
13	SW2SVA	LinStatic	-3,352E-10	0	0,000289	0	-5,938E-07	0
13	SISMAVA	LinStatic	-1,878E-08	0	0,001747	0	-1,68E-06	0
13	LM71SVB	LinStatic	4,072E-10	0	-0,000352	0	7,213E-07	0
13	SW2SVB	LinStatic	3,352E-10	0	-0,000289	0	5,938E-07	0
13	SISMAVB	LinStatic	1,878E-08	0	-0,001747	0	1,68E-06	0
14	PP	LinStatic	9,738E-08	0	-0,00626	0	-1,697E-07	0
14	REINTSUP	LinStatic	3,902E-09	0	-0,004119	0	9,759E-06	0
14	BALLAST	LinStatic	2,651E-09	0	-0,002798	0	6,628E-06	0
14	STERRASX	LinStatic	0,038124	0	0,002046	0	0,005214	0
14	STERRADX	LinStatic	-0,038122	0	-0,002045	0	-0,005224	0
14	TERMP	LinStatic	-4,592E-08	0	4,941E-06	0	-6,665E-06	0
14	TERMN	LinStatic	1,378E-07	0	-1,5E-05	0	2E-05	0
14	GRADTP	LinStatic	1,809E-07	0	5,958E-06	0	-1,3E-05	0
14	GRADTN	LinStatic	-1,809E-07	0	-5,958E-06	0	1,3E-05	0
14	LM71C	LinStatic	1,121E-08	0	-0,01183	0	2,8E-05	0
14	LM71SX	LinStatic	1,6E-08	0	-0,008288	0	-0,006048	0
14	LM71DX	LinStatic	-4,795E-09	0	-0,003542	0	0,006076	0
14	STLM71	LinStatic	0,032231	0	0,001984	0	0,005054	0
14	AVVLM71	LinStatic	0,019649	0	0,00242	0	0,006173	0
14	SW2	LinStatic	9,229E-09	0	-0,009743	0	2,3E-05	0
14	STSW2	LinStatic	0,026553	0	0,001634	0	0,004164	0
14	FRENSW2	LinStatic	0,020835	0	0,002566	0	0,006545	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	0,037535	0	0,00231	0	0,005886	0
14	LM71SISO	LinStatic	0,007036	0	0,000867	0	0,00221	0
14	SW2SISO	LinStatic	0,005792	0	0,000713	0	0,001819	0
14	SISMAO	LinStatic	0,031698	0	0,003346	0	0,008532	0
14	LM71SVA	LinStatic	-3,332E-10	0	0,000352	0	-8,332E-07	0
14	SW2SVA	LinStatic	-2,743E-10	0	0,00029	0	-6,859E-07	0
14	SISMAVA	LinStatic	-1,537E-08	0	0,001747	0	-2,469E-06	0
14	LM71SVB	LinStatic	3,332E-10	0	-0,000352	0	8,332E-07	0
14	SW2SVB	LinStatic	2,743E-10	0	-0,00029	0	6,859E-07	0
14	SISMAVB	LinStatic	1,537E-08	0	-0,001747	0	2,469E-06	0
15	PP	LinStatic	7,574E-08	0	-0,00626	0	2,108E-06	0
15	REINTSUP	LinStatic	3,035E-09	0	-0,004121	0	1E-05	0
15	BALLAST	LinStatic	2,062E-09	0	-0,002799	0	6,818E-06	0
15	STERRASX	LinStatic	0,038124	0	0,001592	0	0,005215	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
253 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
15	STERRADX	LinStatic	-0,038123	0	-0,001591	0	-0,005224	0
15	TERMP	LinStatic	-3,572E-08	0	5,456E-06	0	-5,177E-06	0
15	TERMN	LinStatic	1,072E-07	0	-1,6E-05	0	1,6E-05	0
15	GRADTP	LinStatic	1,407E-07	0	7,146E-06	0	-1,1E-05	0
15	GRADTN	LinStatic	-1,407E-07	0	-7,146E-06	0	1,1E-05	0
15	LM71C	LinStatic	8,716E-09	0	-0,011833	0	2,9E-05	0
15	LM71SX	LinStatic	1,742E-08	0	-0,007762	0	-0,006044	0
15	LM71DX	LinStatic	-8,701E-09	0	-0,004072	0	0,006073	0
15	STLM71	LinStatic	0,03223	0	0,001544	0	0,005056	0
15	AVVLM71	LinStatic	0,01965	0	0,001883	0	0,006175	0
15	SW2	LinStatic	7,178E-09	0	-0,009746	0	2,4E-05	0
15	STSW2	LinStatic	0,026553	0	0,001272	0	0,004165	0
15	FRENSW2	LinStatic	0,020835	0	0,001997	0	0,006547	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	0,037535	0	0,001798	0	0,005888	0
15	LM71SISO	LinStatic	0,007036	0	0,000674	0	0,002211	0
15	SW2SISO	LinStatic	0,005792	0	0,000555	0	0,00182	0
15	SISMAO	LinStatic	0,031698	0	0,002603	0	0,008535	0
15	LM71SVA	LinStatic	-2,591E-10	0	0,000352	0	-8,569E-07	0
15	SW2SVA	LinStatic	-2,133E-10	0	0,00029	0	-7,054E-07	0
15	SISMAVA	LinStatic	-1,195E-08	0	0,001748	0	-2,872E-06	0
15	LM71SVB	LinStatic	2,591E-10	0	-0,000352	0	8,569E-07	0
15	SW2SVB	LinStatic	2,133E-10	0	-0,00029	0	7,054E-07	0
15	SISMAVB	LinStatic	1,195E-08	0	-0,001748	0	2,872E-06	0
16	PP	LinStatic	5,41E-08	0	-0,00626	0	3,313E-06	0
16	REINTSUP	LinStatic	2,168E-09	0	-0,004122	0	9,092E-06	0
16	BALLAST	LinStatic	1,473E-09	0	-0,0028	0	6,176E-06	0
16	STERRASX	LinStatic	0,038124	0	0,001139	0	0,005219	0
16	STERRADX	LinStatic	-0,038123	0	-0,001136	0	-0,005227	0
16	TERMP	LinStatic	-2,551E-08	0	5,841E-06	0	-3,693E-06	0
16	TERMN	LinStatic	7,654E-08	0	-1,8E-05	0	1,1E-05	0
16	GRADTP	LinStatic	1,005E-07	0	8,125E-06	0	-8,577E-06	0
16	GRADTN	LinStatic	-1,005E-07	0	-8,125E-06	0	8,577E-06	0
16	LM71C	LinStatic	6,226E-09	0	-0,011836	0	2,6E-05	0
16	LM71SX	LinStatic	1,883E-08	0	-0,007236	0	-0,006043	0
16	LM71DX	LinStatic	-1,261E-08	0	-0,0046	0	0,006069	0
16	STLM71	LinStatic	0,03223	0	0,001104	0	0,005059	0
16	AVVLM71	LinStatic	0,01965	0	0,001346	0	0,006179	0
16	SW2	LinStatic	5,127E-09	0	-0,009748	0	2,2E-05	0
16	STSW2	LinStatic	0,026553	0	0,00091	0	0,004168	0
16	FRENSW2	LinStatic	0,020835	0	0,001427	0	0,006552	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	0,037535	0	0,001286	0	0,005892	0
16	LM71SISO	LinStatic	0,007036	0	0,000482	0	0,002212	0
16	SW2SISO	LinStatic	0,005792	0	0,000397	0	0,001821	0
16	SISMAO	LinStatic	0,031698	0	0,00186	0	0,008541	0
16	LM71SVA	LinStatic	-1,851E-10	0	0,000352	0	-7,763E-07	0
16	SW2SVA	LinStatic	-1,524E-10	0	0,00029	0	-6,39E-07	0
16	SISMAVA	LinStatic	-8,538E-09	0	0,001748	0	-2,804E-06	0
16	LM71SVB	LinStatic	1,851E-10	0	-0,000352	0	7,763E-07	0
16	SW2SVB	LinStatic	1,524E-10	0	-0,00029	0	6,39E-07	0
16	SISMAVB	LinStatic	8,538E-09	0	-0,001748	0	2,804E-06	0
17	PP	LinStatic	3,727E-08	0	-0,006261	0	3,365E-06	0
17	REINTSUP	LinStatic	1,493E-09	0	-0,004123	0	7,387E-06	0
17	BALLAST	LinStatic	1,014E-09	0	-0,0028	0	5,018E-06	0
17	STERRASX	LinStatic	0,038123	0	0,000786	0	0,005223	0
17	STERRADX	LinStatic	-0,038123	0	-0,000782	0	-0,005229	0
17	TERMP	LinStatic	-1,758E-08	0	6,052E-06	0	-2,542E-06	0
17	TERMN	LinStatic	5,273E-08	0	-1,8E-05	0	7,626E-06	0
17	GRADTP	LinStatic	6,923E-08	0	8,718E-06	0	-6,22E-06	0
17	GRADTN	LinStatic	-6,923E-08	0	-8,718E-06	0	6,22E-06	0
17	LM71C	LinStatic	4,289E-09	0	-0,011839	0	2,1E-05	0
17	LM71SX	LinStatic	1,993E-08	0	-0,006827	0	-0,006045	0
17	LM71DX	LinStatic	-1,564E-08	0	-0,005012	0	0,006066	0
17	STLM71	LinStatic	0,03223	0	0,000762	0	0,005064	0
17	AVVLM71	LinStatic	0,01965	0	0,000928	0	0,006183	0
17	SW2	LinStatic	3,532E-09	0	-0,00975	0	1,7E-05	0
17	STSW2	LinStatic	0,026553	0	0,000628	0	0,004172	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
254 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
17	FRENSW2	LinStatic	0,020835	0	0,000984	0	0,006557	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	0,037535	0	0,000887	0	0,005897	0
17	LM71SISO	LinStatic	0,007036	0	0,000332	0	0,002214	0
17	SW2SISO	LinStatic	0,005792	0	0,000273	0	0,001823	0
17	SISMAO	LinStatic	0,031698	0	0,001282	0	0,008548	0
17	LM71SVA	LinStatic	-1,275E-10	0	0,000352	0	-6,307E-07	0
17	SW2SVA	LinStatic	-1,05E-10	0	0,00029	0	-5,192E-07	0
17	SISMAVA	LinStatic	-5,882E-09	0	0,001748	0	-2,375E-06	0
17	LM71SVB	LinStatic	1,275E-10	0	-0,000352	0	6,307E-07	0
17	SW2SVB	LinStatic	1,05E-10	0	-0,00029	0	5,192E-07	0
17	SISMAVB	LinStatic	5,882E-09	0	-0,001748	0	2,375E-06	0
18	PP	LinStatic	1,863E-08	0	-0,006261	0	2,336E-06	0
18	REINTSUP	LinStatic	7,467E-10	0	-0,004123	0	4,361E-06	0
18	BALLAST	LinStatic	5,072E-10	0	-0,002801	0	2,962E-06	0
18	STERRASX	LinStatic	0,038123	0	0,000394	0	0,005231	0
18	STERRADX	LinStatic	-0,038123	0	-0,00039	0	-0,005234	0
18	TERMP	LinStatic	-8,788E-09	0	6,194E-06	0	-1,27E-06	0
18	TERMN	LinStatic	2,636E-08	0	-1,9E-05	0	3,809E-06	0
18	GRADTP	LinStatic	3,462E-08	0	9,175E-06	0	-3,283E-06	0
18	GRADTN	LinStatic	-3,462E-08	0	-9,175E-06	0	3,283E-06	0
18	LM71C	LinStatic	2,144E-09	0	-0,011841	0	1,3E-05	0
18	LM71SX	LinStatic	2,115E-08	0	-0,006375	0	-0,006048	0
18	LM71DX	LinStatic	-1,901E-08	0	-0,005467	0	0,006061	0
18	STLM71	LinStatic	0,03223	0	0,000382	0	0,005071	0
18	AVVLM71	LinStatic	0,01965	0	0,000464	0	0,006191	0
18	SW2	LinStatic	1,766E-09	0	-0,009752	0	1E-05	0
18	STSW2	LinStatic	0,026553	0	0,000315	0	0,004178	0
18	FRENSW2	LinStatic	0,020835	0	0,000492	0	0,006564	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	0,037535	0	0,000445	0	0,005906	0
18	LM71SISO	LinStatic	0,007036	0	0,000166	0	0,002217	0
18	SW2SISO	LinStatic	0,005792	0	0,000137	0	0,001825	0
18	SISMAO	LinStatic	0,031698	0	0,000642	0	0,008558	0
18	LM71SVA	LinStatic	-6,376E-11	0	0,000352	0	-3,723E-07	0
18	SW2SVA	LinStatic	-5,248E-11	0	0,00029	0	-3,065E-07	0
18	SISMAVA	LinStatic	-2,941E-09	0	0,001749	0	-1,452E-06	0
18	LM71SVB	LinStatic	6,376E-11	0	-0,000352	0	3,723E-07	0
18	SW2SVB	LinStatic	5,248E-11	0	-0,00029	0	3,065E-07	0
18	SISMAVB	LinStatic	2,941E-09	0	-0,001749	0	1,452E-06	0
19	PP	LinStatic	2,62E-15	0	-0,006262	0	4,404E-14	0
19	REINTSUP	LinStatic	1,736E-15	0	-0,004124	0	2,893E-14	0
19	BALLAST	LinStatic	1,179E-15	0	-0,002801	0	1,965E-14	0
19	STERRASX	LinStatic	0,038123	0	2,159E-06	0	0,00524	0
19	STERRADX	LinStatic	-0,038123	0	2,159E-06	0	-0,00524	0
19	TERMP	LinStatic	9,113E-16	0	6,241E-06	0	3,568E-16	0
19	TERMN	LinStatic	-2,841E-15	0	-1,9E-05	0	-1,104E-15	0
19	GRADTP	LinStatic	-3,937E-17	0	9,4E-06	0	6,428E-17	0
19	GRADTN	LinStatic	3,937E-17	0	-9,4E-06	0	-6,428E-17	0
19	LM71C	LinStatic	4,987E-15	0	-0,011843	0	8,308E-14	0
19	LM71SX	LinStatic	2,237E-08	0	-0,005921	0	-0,006055	0
19	LM71DX	LinStatic	-2,237E-08	0	-0,005921	0	0,006055	0
19	STLM71	LinStatic	0,03223	0	2,134E-06	0	0,00508	0
19	AVVLM71	LinStatic	0,01965	0	-3,245E-14	0	0,006199	0
19	SW2	LinStatic	4,105E-15	0	-0,009754	0	6,843E-14	0
19	STSW2	LinStatic	0,026553	0	1,758E-06	0	0,004185	0
19	FRENSW2	LinStatic	0,020835	0	-3,441E-14	0	0,006573	0
19	SERP	LinStatic	0	0	0	0	0	0
19	INCRTER	LinStatic	0,037535	0	2,486E-06	0	0,005916	0
19	LM71SISO	LinStatic	0,007036	0	-1,162E-14	0	0,00222	0
19	SW2SISO	LinStatic	0,005792	0	-9,566E-15	0	0,001827	0
19	SISMAO	LinStatic	0,031698	0	-4,505E-14	0	0,00857	0
19	LM71SVA	LinStatic	-1,482E-16	0	0,000352	0	-2,47E-15	0
19	SW2SVA	LinStatic	-1,221E-16	0	0,00029	0	-2,033E-15	0
19	SISMAVA	LinStatic	-7,34E-16	0	0,001749	0	-1,228E-14	0
19	LM71SVB	LinStatic	1,482E-16	0	-0,000352	0	2,47E-15	0
19	SW2SVB	LinStatic	1,221E-16	0	-0,00029	0	2,033E-15	0
19	SISMAVB	LinStatic	7,34E-16	0	-0,001749	0	1,228E-14	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
255 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
20	PP	LinStatic	-1,863E-08	0	-0,006261	0	-2,336E-06	0
20	REINTSUP	LinStatic	-7,467E-10	0	-0,004123	0	-4,361E-06	0
20	BALLAST	LinStatic	-5,072E-10	0	-0,002801	0	-2,962E-06	0
20	STERRASX	LinStatic	0,038123	0	-0,00039	0	0,005234	0
20	STERRADX	LinStatic	-0,038123	0	0,000394	0	-0,005231	0
20	TERMP	LinStatic	8,788E-09	0	6,194E-06	0	1,27E-06	0
20	TERMN	LinStatic	-2,636E-08	0	-1,9E-05	0	-3,809E-06	0
20	GRADTP	LinStatic	-3,462E-08	0	9,175E-06	0	3,283E-06	0
20	GRADTN	LinStatic	3,462E-08	0	-9,175E-06	0	-3,283E-06	0
20	LM71C	LinStatic	-2,144E-09	0	-0,011841	0	-1,3E-05	0
20	LM71SX	LinStatic	1,901E-08	0	-0,005467	0	-0,006061	0
20	LM71DX	LinStatic	-2,115E-08	0	-0,006375	0	0,006048	0
20	STLM71	LinStatic	0,03223	0	-0,000378	0	0,005074	0
20	AVVLM71	LinStatic	0,01965	0	-0,000464	0	0,006191	0
20	SW2	LinStatic	-1,766E-09	0	-0,009752	0	-1E-05	0
20	STSW2	LinStatic	0,026553	0	-0,000312	0	0,00418	0
20	FRENSW2	LinStatic	0,020835	0	-0,000492	0	0,006564	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	0,037535	0	-0,00044	0	0,005909	0
20	LM71SISO	LinStatic	0,007036	0	-0,000166	0	0,002217	0
20	SW2SISO	LinStatic	0,005792	0	-0,000137	0	0,001825	0
20	SISMAO	LinStatic	0,031698	0	-0,000642	0	0,008558	0
20	LM71SVA	LinStatic	6,375E-11	0	0,000352	0	3,723E-07	0
20	SW2SVA	LinStatic	5,248E-11	0	0,00029	0	3,065E-07	0
20	SISMAVA	LinStatic	2,941E-09	0	0,001749	0	1,452E-06	0
20	LM71SVB	LinStatic	-6,375E-11	0	-0,000352	0	-3,723E-07	0
20	SW2SVB	LinStatic	-5,248E-11	0	-0,00029	0	-3,065E-07	0
20	SISMAVB	LinStatic	-2,941E-09	0	-0,001749	0	-1,452E-06	0
21	PP	LinStatic	-3,727E-08	0	-0,006261	0	-3,365E-06	0
21	REINTSUP	LinStatic	-1,493E-09	0	-0,004123	0	-7,387E-06	0
21	BALLAST	LinStatic	-1,014E-09	0	-0,0028	0	-5,018E-06	0
21	STERRASX	LinStatic	0,038123	0	-0,000782	0	0,005229	0
21	STERRADX	LinStatic	-0,038123	0	0,000786	0	-0,005223	0
21	TERMP	LinStatic	1,758E-08	0	6,052E-06	0	2,542E-06	0
21	TERMN	LinStatic	-5,273E-08	0	-1,8E-05	0	-7,626E-06	0
21	GRADTP	LinStatic	-6,923E-08	0	8,718E-06	0	6,22E-06	0
21	GRADTN	LinStatic	6,923E-08	0	-8,718E-06	0	-6,22E-06	0
21	LM71C	LinStatic	-4,289E-09	0	-0,011839	0	-2,1E-05	0
21	LM71SX	LinStatic	1,564E-08	0	-0,005012	0	-0,006066	0
21	LM71DX	LinStatic	-1,993E-08	0	-0,006827	0	0,006045	0
21	STLM71	LinStatic	0,03223	0	-0,000758	0	0,005069	0
21	AVVLM71	LinStatic	0,01965	0	-0,000928	0	0,006183	0
21	SW2	LinStatic	-3,532E-09	0	-0,00975	0	-1,7E-05	0
21	STSW2	LinStatic	0,026553	0	-0,000625	0	0,004176	0
21	FRENSW2	LinStatic	0,020835	0	-0,000984	0	0,006557	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	0,037534	0	-0,000883	0	0,005904	0
21	LM71SISO	LinStatic	0,007036	0	-0,000332	0	0,002214	0
21	SW2SISO	LinStatic	0,005792	0	-0,000273	0	0,001823	0
21	SISMAO	LinStatic	0,031698	0	-0,001282	0	0,008548	0
21	LM71SVA	LinStatic	1,275E-10	0	0,000352	0	6,307E-07	0
21	SW2SVA	LinStatic	1,05E-10	0	0,00029	0	5,192E-07	0
21	SISMAVA	LinStatic	5,882E-09	0	0,001748	0	2,375E-06	0
21	LM71SVB	LinStatic	-1,275E-10	0	-0,000352	0	-6,307E-07	0
21	SW2SVB	LinStatic	-1,05E-10	0	-0,00029	0	-5,192E-07	0
21	SISMAVB	LinStatic	-5,882E-09	0	-0,001748	0	-2,375E-06	0
22	PP	LinStatic	-5,41E-08	0	-0,00626	0	-3,313E-06	0
22	REINTSUP	LinStatic	-2,168E-09	0	-0,004122	0	-9,092E-06	0
22	BALLAST	LinStatic	-1,473E-09	0	-0,0028	0	-6,176E-06	0
22	STERRASX	LinStatic	0,038123	0	-0,001136	0	0,005227	0
22	STERRADX	LinStatic	-0,038124	0	0,001139	0	-0,005219	0
22	TERMP	LinStatic	2,551E-08	0	5,841E-06	0	3,693E-06	0
22	TERMN	LinStatic	-7,654E-08	0	-1,8E-05	0	-1,1E-05	0
22	GRADTP	LinStatic	-1,005E-07	0	8,125E-06	0	8,577E-06	0
22	GRADTN	LinStatic	1,005E-07	0	-8,125E-06	0	-8,577E-06	0
22	LM71C	LinStatic	-6,226E-09	0	-0,011836	0	-2,6E-05	0
22	LM71SX	LinStatic	1,261E-08	0	-0,0046	0	-0,006069	0
22	LM71DX	LinStatic	-1,883E-08	0	-0,007236	0	0,006043	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
256 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
22	STLM71	LinStatic	0,03223	0	-0,001101	0	0,005066	0
22	AVVLM71	LinStatic	0,01965	0	-0,001346	0	0,006179	0
22	SW2	LinStatic	-5,127E-09	0	-0,009748	0	-2,2E-05	0
22	STSW2	LinStatic	0,026553	0	-0,000907	0	0,004174	0
22	FRENSW2	LinStatic	0,020835	0	-0,001427	0	0,006552	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	0,037534	0	-0,001282	0	0,0059	0
22	LM71SISO	LinStatic	0,007036	0	-0,000482	0	0,002212	0
22	SW2SISO	LinStatic	0,005792	0	-0,000397	0	0,001821	0
22	SISMAO	LinStatic	0,031698	0	-0,00186	0	0,008541	0
22	LM71SVA	LinStatic	1,851E-10	0	0,000352	0	7,763E-07	0
22	SW2SVA	LinStatic	1,524E-10	0	0,00029	0	6,39E-07	0
22	SISMAVA	LinStatic	8,538E-09	0	0,001748	0	2,804E-06	0
22	LM71SVB	LinStatic	-1,851E-10	0	-0,000352	0	-7,763E-07	0
22	SW2SVB	LinStatic	-1,524E-10	0	-0,00029	0	-6,39E-07	0
22	SISMAVB	LinStatic	-8,538E-09	0	-0,001748	0	-2,804E-06	0
23	PP	LinStatic	-7,574E-08	0	-0,00626	0	-2,108E-06	0
23	REINTSUP	LinStatic	-3,035E-09	0	-0,004121	0	-1E-05	0
23	BALLAST	LinStatic	-2,062E-09	0	-0,002799	0	-6,818E-06	0
23	STERRASX	LinStatic	0,038123	0	-0,001591	0	0,005224	0
23	STERRADX	LinStatic	-0,038124	0	0,001592	0	-0,005215	0
23	TERMP	LinStatic	3,572E-08	0	5,456E-06	0	5,177E-06	0
23	TERMN	LinStatic	-1,072E-07	0	-1,6E-05	0	-1,6E-05	0
23	GRADTP	LinStatic	-1,407E-07	0	7,146E-06	0	1,1E-05	0
23	GRADTN	LinStatic	1,407E-07	0	-7,146E-06	0	-1,1E-05	0
23	LM71C	LinStatic	-8,716E-09	0	-0,011833	0	-2,9E-05	0
23	LM71SX	LinStatic	8,701E-09	0	-0,004072	0	-0,006073	0
23	LM71DX	LinStatic	-1,742E-08	0	-0,007762	0	0,006044	0
23	STLM71	LinStatic	0,03223	0	-0,001542	0	0,005064	0
23	AVVLM71	LinStatic	0,01965	0	-0,001883	0	0,006175	0
23	SW2	LinStatic	-7,178E-09	0	-0,009746	0	-2,4E-05	0
23	STSW2	LinStatic	0,026553	0	-0,00127	0	0,004172	0
23	FRENSW2	LinStatic	0,020835	0	-0,001997	0	0,006547	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	0,037534	0	-0,001796	0	0,005898	0
23	LM71SISO	LinStatic	0,007036	0	-0,000674	0	0,002211	0
23	SW2SISO	LinStatic	0,005792	0	-0,000555	0	0,00182	0
23	SISMAO	LinStatic	0,031698	0	-0,002603	0	0,008535	0
23	LM71SVA	LinStatic	2,591E-10	0	0,000352	0	8,569E-07	0
23	SW2SVA	LinStatic	2,133E-10	0	0,00029	0	7,054E-07	0
23	SISMAVA	LinStatic	1,195E-08	0	0,001748	0	2,872E-06	0
23	LM71SVB	LinStatic	-2,591E-10	0	-0,000352	0	-8,569E-07	0
23	SW2SVB	LinStatic	-2,133E-10	0	-0,00029	0	-7,054E-07	0
23	SISMAVB	LinStatic	-1,195E-08	0	-0,001748	0	-2,872E-06	0
24	PP	LinStatic	-9,738E-08	0	-0,00626	0	1,697E-07	0
24	REINTSUP	LinStatic	-3,902E-09	0	-0,004119	0	-9,759E-06	0
24	BALLAST	LinStatic	-2,651E-09	0	-0,002798	0	-6,628E-06	0
24	STERRASX	LinStatic	0,038122	0	-0,002045	0	0,005224	0
24	STERRADX	LinStatic	-0,038124	0	0,002046	0	-0,005214	0
24	TERMP	LinStatic	4,592E-08	0	4,941E-06	0	6,665E-06	0
24	TERMN	LinStatic	-1,378E-07	0	-1,5E-05	0	-2E-05	0
24	GRADTP	LinStatic	-1,809E-07	0	5,958E-06	0	1,3E-05	0
24	GRADTN	LinStatic	1,809E-07	0	-5,958E-06	0	-1,3E-05	0
24	LM71C	LinStatic	-1,121E-08	0	-0,01183	0	-2,8E-05	0
24	LM71SX	LinStatic	4,795E-09	0	-0,003542	0	-0,006076	0
24	LM71DX	LinStatic	-1,6E-08	0	-0,008288	0	0,006048	0
24	STLM71	LinStatic	0,032229	0	-0,001982	0	0,005064	0
24	AVVLM71	LinStatic	0,019649	0	-0,00242	0	0,006173	0
24	SW2	LinStatic	-9,229E-09	0	-0,009743	0	-2,3E-05	0
24	STSW2	LinStatic	0,026552	0	-0,001633	0	0,004172	0
24	FRENSW2	LinStatic	0,020835	0	-0,002566	0	0,006545	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	0,037534	0	-0,002309	0	0,005897	0
24	LM71SISO	LinStatic	0,007036	0	-0,000867	0	0,00221	0
24	SW2SISO	LinStatic	0,005792	0	-0,000713	0	0,001819	0
24	SISMAO	LinStatic	0,031698	0	-0,003346	0	0,008532	0
24	LM71SVA	LinStatic	3,332E-10	0	0,000352	0	8,332E-07	0
24	SW2SVA	LinStatic	2,743E-10	0	0,00029	0	6,859E-07	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
257 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
24	SISMAVA	LinStatic	1,537E-08	0	0,001747	0	2,469E-06	0
24	LM71SVB	LinStatic	-3,332E-10	0	-0,000352	0	-8,332E-07	0
24	SW2SVB	LinStatic	-2,743E-10	0	-0,00029	0	-6,859E-07	0
24	SISMAVB	LinStatic	-1,537E-08	0	-0,001747	0	-2,469E-06	0
25	PP	LinStatic	-1,19E-07	0	-0,006259	0	3,298E-06	0
25	REINTSUP	LinStatic	-4,77E-09	0	-0,004118	0	-8,449E-06	0
25	BALLAST	LinStatic	-3,24E-09	0	-0,002797	0	-5,739E-06	0
25	STERRASX	LinStatic	0,038122	0	-0,0025	0	0,005226	0
25	STERRADX	LinStatic	-0,038124	0	0,002499	0	-0,005215	0
25	TERMP	LinStatic	5,613E-08	0	4,297E-06	0	8,157E-06	0
25	TERMN	LinStatic	-1,684E-07	0	-1,3E-05	0	-2,4E-05	0
25	GRADTP	LinStatic	-2,21E-07	0	4,604E-06	0	1,5E-05	0
25	GRADTN	LinStatic	2,21E-07	0	-4,604E-06	0	-1,5E-05	0
25	LM71C	LinStatic	-1,37E-08	0	-0,011827	0	-2,4E-05	0
25	LM71SX	LinStatic	8,886E-10	0	-0,003013	0	-0,006078	0
25	LM71DX	LinStatic	-1,459E-08	0	-0,008814	0	0,006054	0
25	STLM71	LinStatic	0,032229	0	-0,002423	0	0,005065	0
25	AVVLM71	LinStatic	0,019649	0	-0,002957	0	0,006173	0
25	SW2	LinStatic	-1,128E-08	0	-0,00974	0	-2E-05	0
25	STSW2	LinStatic	0,026552	0	-0,001996	0	0,004173	0
25	FRENSW2	LinStatic	0,020835	0	-0,003136	0	0,006546	0
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	0,037534	0	-0,002822	0	0,005899	0
25	LM71SISO	LinStatic	0,007036	0	-0,001059	0	0,00221	0
25	SW2SISO	LinStatic	0,005792	0	-0,000872	0	0,00182	0
25	SISMAO	LinStatic	0,031698	0	-0,004088	0	0,008533	0
25	LM71SVA	LinStatic	4,072E-10	0	0,000352	0	7,213E-07	0
25	SW2SVA	LinStatic	3,352E-10	0	0,000289	0	5,938E-07	0
25	SISMAVA	LinStatic	1,878E-08	0	0,001747	0	1,68E-06	0
25	LM71SVB	LinStatic	-4,072E-10	0	-0,000352	0	-7,213E-07	0
25	SW2SVB	LinStatic	-3,352E-10	0	-0,000289	0	-5,938E-07	0
25	SISMAVB	LinStatic	-1,878E-08	0	-0,001747	0	-1,68E-06	0
26	PP	LinStatic	-1,407E-07	0	-0,00626	0	7,055E-06	0
26	REINTSUP	LinStatic	-5,637E-09	0	-0,004118	0	-6,3E-06	0
26	BALLAST	LinStatic	-3,829E-09	0	-0,002797	0	-4,279E-06	0
26	STERRASX	LinStatic	0,038122	0	-0,002955	0	0,005229	0
26	STERRADX	LinStatic	-0,038124	0	0,002953	0	-0,005219	0
26	TERMP	LinStatic	6,633E-08	0	3,523E-06	0	9,653E-06	0
26	TERMN	LinStatic	-1,99E-07	0	-1,1E-05	0	-2,9E-05	0
26	GRADTP	LinStatic	-2,613E-07	0	3,123E-06	0	1,6E-05	0
26	GRADTN	LinStatic	2,613E-07	0	-3,123E-06	0	-1,6E-05	0
26	LM71C	LinStatic	-1,619E-08	0	-0,011824	0	-1,8E-05	0
26	LM71SX	LinStatic	-3,017E-09	0	-0,002483	0	-0,00608	0
26	LM71DX	LinStatic	-1,317E-08	0	-0,009341	0	0,006062	0
26	STLM71	LinStatic	0,032229	0	-0,002864	0	0,005068	0
26	AVVLM71	LinStatic	0,019649	0	-0,003495	0	0,006176	0
26	SW2	LinStatic	-1,333E-08	0	-0,009738	0	-1,5E-05	0
26	STSW2	LinStatic	0,026552	0	-0,00236	0	0,004175	0
26	FRENSW2	LinStatic	0,020835	0	-0,003706	0	0,006548	0
26	SERP	LinStatic	0	0	0	0	0	0
26	INCRTER	LinStatic	0,037534	0	-0,003335	0	0,005902	0
26	LM71SISO	LinStatic	0,007036	0	-0,001251	0	0,002211	0
26	SW2SISO	LinStatic	0,005792	0	-0,00103	0	0,00182	0
26	SISMAO	LinStatic	0,031698	0	-0,004831	0	0,008536	0
26	LM71SVA	LinStatic	4,812E-10	0	0,000352	0	5,379E-07	0
26	SW2SVA	LinStatic	3,962E-10	0	0,000289	0	4,428E-07	0
26	SISMAVA	LinStatic	2,22E-08	0	0,001747	0	5,838E-07	0
26	LM71SVB	LinStatic	-4,812E-10	0	-0,000352	0	-5,379E-07	0
26	SW2SVB	LinStatic	-3,962E-10	0	-0,000289	0	-4,428E-07	0
26	SISMAVB	LinStatic	-2,22E-08	0	-0,001747	0	-5,838E-07	0
27	PP	LinStatic	-1,623E-07	0	-0,006261	0	1,1E-05	0
27	REINTSUP	LinStatic	-6,504E-09	0	-0,004117	0	-3,504E-06	0
27	BALLAST	LinStatic	-4,418E-09	0	-0,002796	0	-2,38E-06	0
27	STERRASX	LinStatic	0,038122	0	-0,00341	0	0,005233	0
27	STERRADX	LinStatic	-0,038124	0	0,003408	0	-0,005225	0
27	TERMP	LinStatic	7,654E-08	0	2,618E-06	0	1,1E-05	0
27	TERMN	LinStatic	-2,296E-07	0	-7,853E-06	0	-3,3E-05	0
27	GRADTP	LinStatic	-3,015E-07	0	1,555E-06	0	1,7E-05	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
258 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
27	GRADTN	LinStatic	3,015E-07	0	-1,555E-06	0	-1,7E-05	0
27	LM71C	LinStatic	-1,868E-08	0	-0,011823	0	-1E-05	0
27	LM71SX	LinStatic	-6,923E-09	0	-0,001954	0	-0,006082	0
27	LM71DX	LinStatic	-1,175E-08	0	-0,009869	0	0,006072	0
27	STLM71	LinStatic	0,032229	0	-0,003305	0	0,005072	0
27	AVVLM71	LinStatic	0,019649	0	-0,004032	0	0,00618	0
27	SW2	LinStatic	-1,538E-08	0	-0,009737	0	-8,288E-06	0
27	STSW2	LinStatic	0,026552	0	-0,002723	0	0,004179	0
27	FRENSW2	LinStatic	0,020835	0	-0,004276	0	0,006553	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	0,037534	0	-0,003849	0	0,005907	0
27	LM71SISO	LinStatic	0,007036	0	-0,001444	0	0,002213	0
27	SW2SISO	LinStatic	0,005792	0	-0,001189	0	0,001822	0
27	SISMAO	LinStatic	0,031698	0	-0,005574	0	0,008542	0
27	LM71SVA	LinStatic	5,553E-10	0	0,000352	0	2,992E-07	0
27	SW2SVA	LinStatic	4,571E-10	0	0,000289	0	2,463E-07	0
27	SISMAVA	LinStatic	2,561E-08	0	0,001747	0	-7,367E-07	0
27	LM71SVB	LinStatic	-5,553E-10	0	-0,000352	0	-2,992E-07	0
27	SW2SVB	LinStatic	-4,571E-10	0	-0,000289	0	-2,463E-07	0
27	SISMAVB	LinStatic	-2,561E-08	0	-0,001747	0	7,367E-07	0
28	PP	LinStatic	-1,839E-07	0	-0,006262	0	1,6E-05	0
28	REINTSUP	LinStatic	-7,371E-09	0	-0,004117	0	-2,537E-07	0
28	BALLAST	LinStatic	-5,007E-09	0	-0,002796	0	-1,723E-07	0
28	STERRASX	LinStatic	0,038122	0	-0,003866	0	0,005239	0
28	STERRADX	LinStatic	-0,038125	0	0,003862	0	-0,005234	0
28	TERMP	LinStatic	8,675E-08	0	1,582E-06	0	1,3E-05	0
28	TERMN	LinStatic	-2,602E-07	0	-4,745E-06	0	-3,8E-05	0
28	GRADTP	LinStatic	-3,417E-07	0	-5,919E-08	0	1,7E-05	0
28	GRADTN	LinStatic	3,417E-07	0	5,919E-08	0	-1,7E-05	0
28	LM71C	LinStatic	-2,117E-08	0	-0,011822	0	-7,286E-07	0
28	LM71SX	LinStatic	-1,083E-08	0	-0,001424	0	-0,006083	0
28	LM71DX	LinStatic	-1,034E-08	0	-0,010398	0	0,006082	0
28	STLM71	LinStatic	0,032229	0	-0,003747	0	0,005078	0
28	AVVLM71	LinStatic	0,019649	0	-0,00457	0	0,006186	0
28	SW2	LinStatic	-1,743E-08	0	-0,009737	0	-6E-07	0
28	STSW2	LinStatic	0,026552	0	-0,003087	0	0,004184	0
28	FRENSW2	LinStatic	0,020835	0	-0,004846	0	0,006559	0
28	SERP	LinStatic	0	0	0	0	0	0
28	INCRTER	LinStatic	0,037534	0	-0,004364	0	0,005914	0
28	LM71SISO	LinStatic	0,007036	0	-0,001637	0	0,002215	0
28	SW2SISO	LinStatic	0,005792	0	-0,001347	0	0,001823	0
28	SISMAO	LinStatic	0,031698	0	-0,006317	0	0,008551	0
28	LM71SVA	LinStatic	6,293E-10	0	0,000351	0	2,166E-08	0
28	SW2SVA	LinStatic	5,181E-10	0	0,000289	0	1,783E-08	0
28	SISMAVA	LinStatic	2,903E-08	0	0,001747	0	-2,2E-06	0
28	LM71SVB	LinStatic	-6,293E-10	0	-0,000351	0	-2,166E-08	0
28	SW2SVB	LinStatic	-5,181E-10	0	-0,000289	0	-1,783E-08	0
28	SISMAVB	LinStatic	-2,903E-08	0	-0,001747	0	2,2E-06	0
29	PP	LinStatic	-2,056E-07	0	-0,006263	0	2E-05	0
29	REINTSUP	LinStatic	-8,238E-09	0	-0,004117	0	3,26E-06	0
29	BALLAST	LinStatic	-5,596E-09	0	-0,002796	0	2,214E-06	0
29	STERRASX	LinStatic	0,038122	0	-0,004322	0	0,005247	0
29	STERRADX	LinStatic	-0,038125	0	0,004318	0	-0,005244	0
29	TERMP	LinStatic	9,695E-08	0	4,144E-07	0	1,4E-05	0
29	TERMN	LinStatic	-2,909E-07	0	-1,243E-06	0	-4,3E-05	0
29	GRADTP	LinStatic	-3,819E-07	0	-1,679E-06	0	1,7E-05	0
29	GRADTN	LinStatic	3,819E-07	0	1,679E-06	0	-1,7E-05	0
29	LM71C	LinStatic	-2,366E-08	0	-0,011822	0	9,361E-06	0
29	LM71SX	LinStatic	-1,474E-08	0	-0,000894	0	-0,006084	0
29	LM71DX	LinStatic	-8,923E-09	0	-0,010928	0	0,006094	0
29	STLM71	LinStatic	0,032229	0	-0,004189	0	0,005085	0
29	AVVLM71	LinStatic	0,019649	0	-0,005109	0	0,006194	0
29	SW2	LinStatic	-1,948E-08	0	-0,009737	0	7,71E-06	0
29	STSW2	LinStatic	0,026552	0	-0,003451	0	0,004189	0
29	FRENSW2	LinStatic	0,020835	0	-0,005417	0	0,006568	0
29	SERP	LinStatic	0	0	0	0	0	0
29	INCRTER	LinStatic	0,037534	0	-0,004879	0	0,005922	0
29	LM71SISO	LinStatic	0,007036	0	-0,001829	0	0,002218	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
259 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
29	SW2SISO	LinStatic	0,005792	0	-0,001506	0	0,001826	0
29	SISMAO	LinStatic	0,031698	0	-0,007062	0	0,008561	0
29	LM71SVA	LinStatic	7,034E-10	0	0,000351	0	-2,783E-07	0
29	SW2SVA	LinStatic	5,79E-10	0	0,000289	0	-2,291E-07	0
29	SISMAVA	LinStatic	3,244E-08	0	0,001747	0	-3,726E-06	0
29	LM71SVB	LinStatic	-7,034E-10	0	-0,000351	0	2,783E-07	0
29	SW2SVB	LinStatic	-5,79E-10	0	-0,000289	0	2,291E-07	0
29	SISMAVB	LinStatic	-3,244E-08	0	-0,001747	0	3,726E-06	0
30	PP	LinStatic	-2,272E-07	0	-0,006265	0	2,4E-05	0
30	REINTSUP	LinStatic	-9,106E-09	0	-0,004117	0	6,844E-06	0
30	BALLAST	LinStatic	-6,185E-09	0	-0,002797	0	4,649E-06	0
30	STERRASX	LinStatic	0,038122	0	-0,004779	0	0,005255	0
30	STERRADX	LinStatic	-0,038125	0	0,004775	0	-0,005256	0
30	TERMP	LinStatic	1,072E-07	0	-8,847E-07	0	1,6E-05	0
30	TERMN	LinStatic	-3,215E-07	0	2,654E-06	0	-4,7E-05	0
30	GRADTP	LinStatic	-4,221E-07	0	-3,264E-06	0	1,7E-05	0
30	GRADTN	LinStatic	4,221E-07	0	3,264E-06	0	-1,7E-05	0
30	LM71C	LinStatic	-2,615E-08	0	-0,011824	0	2E-05	0
30	LM71SX	LinStatic	-1,864E-08	0	-0,000364	0	-0,006085	0
30	LM71DX	LinStatic	-7,507E-09	0	-0,01146	0	0,006105	0
30	STLM71	LinStatic	0,032229	0	-0,004632	0	0,005093	0
30	AVVLM71	LinStatic	0,019649	0	-0,005649	0	0,006203	0
30	SW2	LinStatic	-2,154E-08	0	-0,009738	0	1,6E-05	0
30	STSW2	LinStatic	0,026552	0	-0,003816	0	0,004196	0
30	FRENSW2	LinStatic	0,020835	0	-0,00599	0	0,006577	0
30	SERP	LinStatic	0	0	0	0	0	0
30	INCRTER	LinStatic	0,037534	0	-0,005395	0	0,005931	0
30	LM71SISO	LinStatic	0,007036	0	-0,002023	0	0,002221	0
30	SW2SISO	LinStatic	0,005792	0	-0,001665	0	0,001828	0
30	SISMAO	LinStatic	0,031698	0	-0,007808	0	0,008574	0
30	LM71SVA	LinStatic	7,774E-10	0	0,000352	0	-5,843E-07	0
30	SW2SVA	LinStatic	6,4E-10	0	0,000289	0	-4,81E-07	0
30	SISMAVA	LinStatic	3,586E-08	0	0,001748	0	-5,231E-06	0
30	LM71SVB	LinStatic	-7,774E-10	0	-0,000352	0	5,843E-07	0
30	SW2SVB	LinStatic	-6,4E-10	0	-0,000289	0	4,81E-07	0
30	SISMAVB	LinStatic	-3,586E-08	0	-0,001748	0	5,231E-06	0
31	PP	LinStatic	-2,489E-07	0	-0,006268	0	2,7E-05	0
31	REINTSUP	LinStatic	-9,973E-09	0	-0,004118	0	1E-05	0
31	BALLAST	LinStatic	-6,774E-09	0	-0,002797	0	7,001E-06	0
31	STERRASX	LinStatic	0,038122	0	-0,005237	0	0,005264	0
31	STERRADX	LinStatic	-0,038125	0	0,005233	0	-0,00527	0
31	TERMP	LinStatic	1,174E-07	0	-2,316E-06	0	1,7E-05	0
31	TERMN	LinStatic	-3,521E-07	0	6,948E-06	0	-5,2E-05	0
31	GRADTP	LinStatic	-4,623E-07	0	-4,775E-06	0	1,5E-05	0
31	GRADTN	LinStatic	4,623E-07	0	4,775E-06	0	-1,5E-05	0
31	LM71C	LinStatic	-2,864E-08	0	-0,011826	0	3E-05	0
31	LM71SX	LinStatic	-2,255E-08	0	0,000166	0	-0,006087	0
31	LM71DX	LinStatic	-6,091E-09	0	-0,011992	0	0,006116	0
31	STLM71	LinStatic	0,032229	0	-0,005076	0	0,005101	0
31	AVVLM71	LinStatic	0,019649	0	-0,006189	0	0,006213	0
31	SW2	LinStatic	-2,359E-08	0	-0,00974	0	2,4E-05	0
31	STSW2	LinStatic	0,026552	0	-0,004182	0	0,004203	0
31	FRENSW2	LinStatic	0,020835	0	-0,006563	0	0,006588	0
31	SERP	LinStatic	0	0	0	0	0	0
31	INCRTER	LinStatic	0,037533	0	-0,005911	0	0,005941	0
31	LM71SISO	LinStatic	0,007036	0	-0,002216	0	0,002225	0
31	SW2SISO	LinStatic	0,005792	0	-0,001824	0	0,001831	0
31	SISMAO	LinStatic	0,031698	0	-0,008555	0	0,008588	0
31	LM71SVA	LinStatic	8,514E-10	0	0,000352	0	-8,8E-07	0
31	SW2SVA	LinStatic	7,009E-10	0	0,000289	0	-7,244E-07	0
31	SISMAVA	LinStatic	3,927E-08	0	0,001748	0	-6,636E-06	0
31	LM71SVB	LinStatic	-8,514E-10	0	-0,000352	0	8,8E-07	0
31	SW2SVB	LinStatic	-7,009E-10	0	-0,000289	0	7,244E-07	0
31	SISMAVB	LinStatic	-3,927E-08	0	-0,001748	0	6,636E-06	0
32	PP	LinStatic	-2,705E-07	0	-0,00627	0	3E-05	0
32	REINTSUP	LinStatic	-1,084E-08	0	-0,004119	0	1,3E-05	0
32	BALLAST	LinStatic	-7,363E-09	0	-0,002798	0	9,141E-06	0
32	STERRASX	LinStatic	0,038122	0	-0,005696	0	0,005273	0

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 260 di 294
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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
32	STERRADX	LinStatic	-0,038126	0	0,005692	0	-0,005285	0
32	TERMP	LinStatic	1,276E-07	0	-3,88E-06	0	1,9E-05	0
32	TERMN	LinStatic	-3,827E-07	0	1,2E-05	0	-5,6E-05	0
32	GRADTP	LinStatic	-5,025E-07	0	-6,17E-06	0	1,4E-05	0
32	GRADTN	LinStatic	5,025E-07	0	6,17E-06	0	-1,4E-05	0
32	LM71C	LinStatic	-3,113E-08	0	-0,011829	0	3,9E-05	0
32	LM71SX	LinStatic	-2,645E-08	0	0,000696	0	-0,006088	0
32	LM71DX	LinStatic	-4,676E-09	0	-0,012525	0	0,006126	0
32	STLM71	LinStatic	0,032229	0	-0,005521	0	0,005111	0
32	AVVLM71	LinStatic	0,019649	0	-0,006731	0	0,006224	0
32	SW2	LinStatic	-2,564E-08	0	-0,009742	0	3,2E-05	0
32	STSW2	LinStatic	0,026552	0	-0,004548	0	0,00421	0
32	FRENSW2	LinStatic	0,020835	0	-0,007137	0	0,006599	0
32	SERP	LinStatic	0	0	0	0	0	0
32	INCRTER	LinStatic	0,037533	0	-0,006429	0	0,005952	0
32	LM71SISO	LinStatic	0,007036	0	-0,00241	0	0,002228	0
32	SW2SISO	LinStatic	0,005792	0	-0,001984	0	0,001834	0
32	SISMAO	LinStatic	0,031698	0	-0,009303	0	0,008603	0
32	LM71SVA	LinStatic	9,255E-10	0	0,000352	0	-1,149E-06	0
32	SW2SVA	LinStatic	7,619E-10	0	0,00029	0	-9,458E-07	0
32	SISMAVA	LinStatic	4,269E-08	0	0,001749	0	-7,857E-06	0
32	LM71SVB	LinStatic	-9,255E-10	0	-0,000352	0	1,149E-06	0
32	SW2SVB	LinStatic	-7,619E-10	0	-0,00029	0	9,458E-07	0
32	SISMAVB	LinStatic	-4,269E-08	0	-0,001749	0	7,857E-06	0
33	PP	LinStatic	-2,921E-07	0	-0,006273	0	3,2E-05	0
33	REINTSUP	LinStatic	-1,171E-08	0	-0,004121	0	1,6E-05	0
33	BALLAST	LinStatic	-7,952E-09	0	-0,002799	0	1,1E-05	0
33	STERRASX	LinStatic	0,038122	0	-0,006155	0	0,005283	0
33	STERRADX	LinStatic	-0,038126	0	0,006153	0	-0,005302	0
33	TERMP	LinStatic	1,378E-07	0	-5,577E-06	0	2E-05	0
33	TERMN	LinStatic	-4,133E-07	0	1,7E-05	0	-6,1E-05	0
33	GRADTP	LinStatic	-5,427E-07	0	-7,409E-06	0	1,2E-05	0
33	GRADTN	LinStatic	5,427E-07	0	7,409E-06	0	-1,2E-05	0
33	LM71C	LinStatic	-3,362E-08	0	-0,011833	0	4,6E-05	0
33	LM71SX	LinStatic	-3,036E-08	0	0,001227	0	-0,006089	0
33	LM71DX	LinStatic	-3,26E-09	0	-0,01306	0	0,006135	0
33	STLM71	LinStatic	0,032229	0	-0,005966	0	0,00512	0
33	AVVLM71	LinStatic	0,01965	0	-0,007273	0	0,006235	0
33	SW2	LinStatic	-2,769E-08	0	-0,009746	0	3,8E-05	0
33	STSW2	LinStatic	0,026552	0	-0,004915	0	0,004218	0
33	FRENSW2	LinStatic	0,020835	0	-0,007712	0	0,006611	0
33	SERP	LinStatic	0	0	0	0	0	0
33	INCRTER	LinStatic	0,037533	0	-0,006948	0	0,005963	0
33	LM71SISO	LinStatic	0,007036	0	-0,002604	0	0,002232	0
33	SW2SISO	LinStatic	0,005792	0	-0,002144	0	0,001838	0
33	SISMAO	LinStatic	0,031698	0	-0,010053	0	0,008619	0
33	LM71SVA	LinStatic	9,995E-10	0	0,000352	0	-1,375E-06	0
33	SW2SVA	LinStatic	8,228E-10	0	0,00029	0	-1,132E-06	0
33	SISMAVA	LinStatic	4,61E-08	0	0,00175	0	-8,814E-06	0
33	LM71SVB	LinStatic	-9,995E-10	0	-0,000352	0	1,375E-06	0
33	SW2SVB	LinStatic	-8,228E-10	0	-0,00029	0	1,132E-06	0
33	SISMAVB	LinStatic	-4,61E-08	0	-0,00175	0	8,814E-06	0
34	PP	LinStatic	-3,138E-07	0	-0,006277	0	3,3E-05	0
34	REINTSUP	LinStatic	-1,257E-08	0	-0,004122	0	1,8E-05	0
34	BALLAST	LinStatic	-8,541E-09	0	-0,0028	0	1,2E-05	0
34	STERRASX	LinStatic	0,038122	0	-0,006616	0	0,005293	0
34	STERRADX	LinStatic	-0,038126	0	0,006616	0	-0,005319	0
34	TERMP	LinStatic	1,48E-07	0	-7,408E-06	0	2,2E-05	0
34	TERMN	LinStatic	-4,439E-07	0	2,2E-05	0	-6,5E-05	0
34	GRADTP	LinStatic	-5,829E-07	0	-8,453E-06	0	9,377E-06	0
34	GRADTN	LinStatic	5,829E-07	0	8,453E-06	0	-9,377E-06	0
34	LM71C	LinStatic	-3,611E-08	0	-0,011838	0	5,2E-05	0
34	LM71SX	LinStatic	-3,427E-08	0	0,001757	0	-0,00609	0
34	LM71DX	LinStatic	-1,845E-09	0	-0,013595	0	0,006142	0
34	STLM71	LinStatic	0,032229	0	-0,006412	0	0,005129	0
34	AVVLM71	LinStatic	0,01965	0	-0,007817	0	0,006246	0
34	SW2	LinStatic	-2,974E-08	0	-0,00975	0	4,3E-05	0
34	STSW2	LinStatic	0,026552	0	-0,005283	0	0,004226	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
261 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
34	FRENSW2	LinStatic	0,020835	0	-0,008288	0	0,006623	0
34	SERP	LinStatic	0	0	0	0	0	0
34	INCRTER	LinStatic	0,037534	0	-0,007468	0	0,005974	0
34	LM71SISO	LinStatic	0,007036	0	-0,002799	0	0,002237	0
34	SW2SISO	LinStatic	0,005792	0	-0,002304	0	0,001841	0
34	SISMAO	LinStatic	0,031698	0	-0,010805	0	0,008636	0
34	LM71SVA	LinStatic	1,074E-09	0	0,000352	0	-1,541E-06	0
34	SW2SVA	LinStatic	8,838E-10	0	0,00029	0	-1,269E-06	0
34	SISMAVA	LinStatic	4,952E-08	0	0,00175	0	-9,426E-06	0
34	LM71SVB	LinStatic	-1,074E-09	0	-0,000352	0	1,541E-06	0
34	SW2SVB	LinStatic	-8,838E-10	0	-0,00029	0	1,269E-06	0
34	SISMAVB	LinStatic	-4,952E-08	0	-0,00175	0	9,426E-06	0
35	PP	LinStatic	-3,354E-07	0	-0,00628	0	3,2E-05	0
35	REINTSUP	LinStatic	-1,344E-08	0	-0,004124	0	1,9E-05	0
35	BALLAST	LinStatic	-9,13E-09	0	-0,002801	0	1,3E-05	0
35	STERRASX	LinStatic	0,038122	0	-0,007077	0	0,005302	0
35	STERRADX	LinStatic	-0,038127	0	0,00708	0	-0,005337	0
35	TERMP	LinStatic	1,582E-07	0	-9,373E-06	0	2,3E-05	0
35	TERMN	LinStatic	-4,746E-07	0	2,8E-05	0	-7E-05	0
35	GRADTP	LinStatic	-6,231E-07	0	-9,26E-06	0	6,429E-06	0
35	GRADTN	LinStatic	6,231E-07	0	9,26E-06	0	-6,429E-06	0
35	LM71C	LinStatic	-3,86E-08	0	-0,011844	0	5,5E-05	0
35	LM71SX	LinStatic	-3,817E-08	0	0,002287	0	-0,006091	0
35	LM71DX	LinStatic	-4,289E-10	0	-0,014131	0	0,006145	0
35	STLM71	LinStatic	0,032229	0	-0,00686	0	0,005139	0
35	AVVLM71	LinStatic	0,01965	0	-0,008361	0	0,006257	0
35	SW2	LinStatic	-3,179E-08	0	-0,009754	0	4,5E-05	0
35	STSW2	LinStatic	0,026552	0	-0,005651	0	0,004234	0
35	FRENSW2	LinStatic	0,020835	0	-0,008866	0	0,006635	0
35	SERP	LinStatic	0	0	0	0	0	0
35	INCRTER	LinStatic	0,037534	0	-0,007989	0	0,005984	0
35	LM71SISO	LinStatic	0,007036	0	-0,002994	0	0,002241	0
35	SW2SISO	LinStatic	0,005792	0	-0,002465	0	0,001844	0
35	SISMAO	LinStatic	0,031698	0	-0,011557	0	0,008652	0
35	LM71SVA	LinStatic	1,148E-09	0	0,000352	0	-1,631E-06	0
35	SW2SVA	LinStatic	9,447E-10	0	0,00029	0	-1,343E-06	0
35	SISMAVA	LinStatic	5,293E-08	0	0,001751	0	-9,609E-06	0
35	LM71SVB	LinStatic	-1,148E-09	0	-0,000352	0	1,631E-06	0
35	SW2SVB	LinStatic	-9,447E-10	0	-0,00029	0	1,343E-06	0
35	SISMAVB	LinStatic	-5,293E-08	0	-0,001751	0	9,609E-06	0
36	PP	LinStatic	-3,541E-07	0	-0,006283	0	3,1E-05	0
36	REINTSUP	LinStatic	-1,419E-08	0	-0,004126	0	1,9E-05	0
36	BALLAST	LinStatic	-9,637E-09	0	-0,002803	0	1,3E-05	0
36	STERRASX	LinStatic	0,038122	0	-0,007476	0	0,00531	0
36	STERRADX	LinStatic	-0,038127	0	0,00748	0	-0,005352	0
36	TERMP	LinStatic	1,67E-07	0	-1,1E-05	0	2,5E-05	0
36	TERMN	LinStatic	-5,009E-07	0	3,4E-05	0	-7,4E-05	0
36	GRADTP	LinStatic	-6,577E-07	0	-9,734E-06	0	3,517E-06	0
36	GRADTN	LinStatic	6,577E-07	0	9,734E-06	0	-3,517E-06	0
36	LM71C	LinStatic	-4,074E-08	0	-0,011848	0	5,5E-05	0
36	LM71SX	LinStatic	-4,153E-08	0	0,002744	0	-0,006091	0
36	LM71DX	LinStatic	7,901E-10	0	-0,014593	0	0,006146	0
36	STLM71	LinStatic	0,032229	0	-0,007246	0	0,005146	0
36	AVVLM71	LinStatic	0,01965	0	-0,008831	0	0,006267	0
36	SW2	LinStatic	-3,356E-08	0	-0,009758	0	4,5E-05	0
36	STSW2	LinStatic	0,026552	0	-0,005969	0	0,00424	0
36	FRENSW2	LinStatic	0,020835	0	-0,009364	0	0,006645	0
36	SERP	LinStatic	0	0	0	0	0	0
36	INCRTER	LinStatic	0,037534	0	-0,008438	0	0,005993	0
36	LM71SISO	LinStatic	0,007036	0	-0,003162	0	0,002244	0
36	SW2SISO	LinStatic	0,005792	0	-0,002603	0	0,001847	0
36	SISMAO	LinStatic	0,031698	0	-0,012207	0	0,008665	0
36	LM71SVA	LinStatic	1,211E-09	0	0,000352	0	-1,636E-06	0
36	SW2SVA	LinStatic	9,972E-10	0	0,00029	0	-1,347E-06	0
36	SISMAVA	LinStatic	5,588E-08	0	0,001752	0	-9,364E-06	0
36	LM71SVB	LinStatic	-1,211E-09	0	-0,000352	0	1,636E-06	0
36	SW2SVB	LinStatic	-9,972E-10	0	-0,00029	0	1,347E-06	0
36	SISMAVB	LinStatic	-5,588E-08	0	-0,001752	0	9,364E-06	0



Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 262 di 294
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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
37	PP	LinStatic	-3,727E-07	0	-0,006285	0	2,8E-05	0
37	REINTSUP	LinStatic	-1,494E-08	0	-0,004128	0	1,8E-05	0
37	BALLAST	LinStatic	-1,014E-08	0	-0,002804	0	1,2E-05	0
37	STERRASX	LinStatic	0,038122	0	-0,007874	0	0,005317	0
37	STERRADX	LinStatic	-0,038127	0	0,007882	0	-0,005368	0
37	TERMP	LinStatic	1,758E-07	0	-1,3E-05	0	2,6E-05	0
37	TERMN	LinStatic	-5,273E-07	0	3,9E-05	0	-7,8E-05	0
37	GRADTP	LinStatic	-6,923E-07	0	-9,977E-06	0	2,602E-07	0
37	GRADTN	LinStatic	6,923E-07	0	9,977E-06	0	-2,602E-07	0
37	LM71C	LinStatic	-4,289E-08	0	-0,011853	0	5,3E-05	0
37	LM71SX	LinStatic	-4,49E-08	0	0,003201	0	-0,006091	0
37	LM71DX	LinStatic	2,009E-09	0	-0,015055	0	0,006144	0
37	STLM71	LinStatic	0,032229	0	-0,007632	0	0,005153	0
37	AVVLM71	LinStatic	0,01965	0	-0,009302	0	0,006275	0
37	SW2	LinStatic	-3,532E-08	0	-0,009762	0	4,3E-05	0
37	STSW2	LinStatic	0,026552	0	-0,006288	0	0,004245	0
37	FRENSW2	LinStatic	0,020835	0	-0,009863	0	0,006654	0
37	SERP	LinStatic	0	0	0	0	0	0
37	INCRTER	LinStatic	0,037534	0	-0,008888	0	0,006001	0
37	LM71SISO	LinStatic	0,007036	0	-0,003331	0	0,002247	0
37	SW2SISO	LinStatic	0,005792	0	-0,002742	0	0,00185	0
37	SISMAO	LinStatic	0,031698	0	-0,012858	0	0,008678	0
37	LM71SVA	LinStatic	1,275E-09	0	0,000352	0	-1,561E-06	0
37	SW2SVA	LinStatic	1,05E-09	0	0,00029	0	-1,285E-06	0
37	SISMAVA	LinStatic	5,882E-08	0	0,001753	0	-8,688E-06	0
37	LM71SVB	LinStatic	-1,275E-09	0	-0,000352	0	1,561E-06	0
37	SW2SVB	LinStatic	-1,05E-09	0	-0,00029	0	1,285E-06	0
37	SISMAVB	LinStatic	-5,882E-08	0	-0,001753	0	8,688E-06	0
38	PP	LinStatic	-1,522E-06	0	-0,006285	0	-2,4E-05	0
38	REINTSUP	LinStatic	-1,307E-06	0	-0,004128	0	-1,7E-05	0
38	BALLAST	LinStatic	-8,881E-07	0	-0,002804	0	-1,2E-05	0
38	STERRASX	LinStatic	0,038531	0	0,007882	0	0,00538	0
38	STERRADX	LinStatic	-0,038521	0	-0,007874	0	-0,005323	0
38	TERMP	LinStatic	-2,194E-06	0	-1,3E-05	0	-2,7E-05	0
38	TERMN	LinStatic	6,583E-06	0	3,9E-05	0	8,2E-05	0
38	GRADTP	LinStatic	8,797E-07	0	-1E-05	0	2,748E-06	0
38	GRADTN	LinStatic	-8,797E-07	0	1E-05	0	-2,748E-06	0
38	LM71C	LinStatic	-3,755E-06	0	-0,011854	0	-4,9E-05	0
38	LM71SX	LinStatic	-0,000461	0	-0,015055	0	-0,00614	0
38	LM71DX	LinStatic	0,000457	0	0,003201	0	0,006091	0
38	STLM71	LinStatic	0,032624	0	0,007638	0	0,005205	0
38	AVVLM71	LinStatic	0,020121	0	0,009302	0	0,006282	0
38	SW2	LinStatic	-3,092E-06	0	-0,009762	0	-4E-05	0
38	STSW2	LinStatic	0,026877	0	0,006292	0	0,004288	0
38	FRENSW2	LinStatic	0,021335	0	0,009863	0	0,006661	0
38	SERP	LinStatic	0	0	0	0	0	0
38	INCRTER	LinStatic	0,037993	0	0,008895	0	0,006062	0
38	LM71SISO	LinStatic	0,007204	0	0,003331	0	0,002249	0
38	SW2SISO	LinStatic	0,005931	0	0,002742	0	0,001852	0
38	SISMAO	LinStatic	0,03235	0	0,012858	0	0,008688	0
38	LM71SVA	LinStatic	1,116E-07	0	0,000352	0	1,454E-06	0
38	SW2SVA	LinStatic	9,189E-08	0	0,00029	0	1,197E-06	0
38	SISMAVA	LinStatic	5,54E-07	0	0,001753	0	7,868E-06	0
38	LM71SVB	LinStatic	-1,116E-07	0	-0,000352	0	-1,454E-06	0
38	SW2SVB	LinStatic	-9,189E-08	0	-0,00029	0	-1,197E-06	0
38	SISMAVB	LinStatic	-5,54E-07	0	-0,001753	0	-7,868E-06	0
39	PP	LinStatic	5,924E-15	0	-0,006262	0	4,405E-14	0
39	REINTSUP	LinStatic	3,906E-15	0	-0,004124	0	2,894E-14	0
39	BALLAST	LinStatic	2,653E-15	0	-0,002801	0	1,966E-14	0
39	STERRASX	LinStatic	0,038517	0	2,216E-06	0	0,005255	0
39	STERRADX	LinStatic	-0,038517	0	2,216E-06	0	-0,005255	0
39	TERMP	LinStatic	9,381E-16	0	6,24E-06	0	3,577E-16	0
39	TERMN	LinStatic	-2,924E-15	0	-1,9E-05	0	-1,106E-15	0
39	GRADTP	LinStatic	-3,455E-17	0	9,464E-06	0	6,435E-17	0
39	GRADTN	LinStatic	3,455E-17	0	-9,464E-06	0	-6,435E-17	0
39	LM71C	LinStatic	1,122E-14	0	-0,011844	0	8,311E-14	0
39	LM71SX	LinStatic	-0,000454	0	-0,005922	0	-0,006057	0
39	LM71DX	LinStatic	0,000454	0	-0,005922	0	0,006057	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
263 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
39	STLM71	LinStatic	0,032612	0	2,182E-06	0	0,005095	0
39	AVVLM71	LinStatic	0,020116	0	-3,245E-14	0	0,006217	0
39	SW2	LinStatic	9,238E-15	0	-0,009754	0	6,845E-14	0
39	STSW2	LinStatic	0,026868	0	1,798E-06	0	0,004197	0
39	FRENSW2	LinStatic	0,021329	0	-3,441E-14	0	0,006592	0
39	SERP	LinStatic	0	0	0	0	0	0
39	INCRTER	LinStatic	0,037979	0	2,542E-06	0	0,005933	0
39	LM71SISO	LinStatic	0,007203	0	-1,162E-14	0	0,002226	0
39	SW2SISO	LinStatic	0,005929	0	-9,566E-15	0	0,001832	0
39	SISMAO	LinStatic	0,032342	0	-4,506E-14	0	0,008595	0
39	LM71SVA	LinStatic	-3,335E-16	0	0,000352	0	-2,471E-15	0
39	SW2SVA	LinStatic	-2,746E-16	0	0,00029	0	-2,034E-15	0
39	SISMAVA	LinStatic	-1,656E-15	0	0,001749	0	-1,229E-14	0
39	LM71SVB	LinStatic	3,335E-16	0	-0,000352	0	2,471E-15	0
39	SW2SVB	LinStatic	2,746E-16	0	-0,00029	0	2,034E-15	0
39	SISMAVB	LinStatic	1,656E-15	0	-0,001749	0	1,229E-14	0
40	PP	LinStatic	1,522E-06	0	-0,006285	0	2,4E-05	0
40	REINTSUP	LinStatic	1,307E-06	0	-0,004128	0	1,7E-05	0
40	BALLAST	LinStatic	8,881E-07	0	-0,002804	0	1,2E-05	0
40	STERRASX	LinStatic	0,038521	0	-0,007874	0	0,005323	0
40	STERRADX	LinStatic	-0,038531	0	0,007882	0	-0,00538	0
40	TERMP	LinStatic	2,194E-06	0	-1,3E-05	0	2,7E-05	0
40	TERMN	LinStatic	-6,583E-06	0	3,9E-05	0	-8,2E-05	0
40	GRADTP	LinStatic	-8,797E-07	0	-1E-05	0	-2,748E-06	0
40	GRADTN	LinStatic	8,797E-07	0	1E-05	0	2,748E-06	0
40	LM71C	LinStatic	3,755E-06	0	-0,011854	0	4,9E-05	0
40	LM71SX	LinStatic	-0,000457	0	0,003201	0	-0,006091	0
40	LM71DX	LinStatic	0,000461	0	-0,015055	0	0,00614	0
40	STLM71	LinStatic	0,032616	0	-0,007632	0	0,005159	0
40	AVVLM71	LinStatic	0,020121	0	-0,009302	0	0,006282	0
40	SW2	LinStatic	3,092E-06	0	-0,009762	0	4E-05	0
40	STSW2	LinStatic	0,026871	0	-0,006288	0	0,00425	0
40	FRENSW2	LinStatic	0,021335	0	-0,009863	0	0,006661	0
40	SERP	LinStatic	0	0	0	0	0	0
40	INCRTER	LinStatic	0,037984	0	-0,008888	0	0,006008	0
40	LM71SISO	LinStatic	0,007204	0	-0,003331	0	0,002249	0
40	SW2SISO	LinStatic	0,005931	0	-0,002742	0	0,001852	0
40	SISMAO	LinStatic	0,03235	0	-0,012858	0	0,008688	0
40	LM71SVA	LinStatic	-1,116E-07	0	0,000352	0	-1,454E-06	0
40	SW2SVA	LinStatic	-9,189E-08	0	0,00029	0	-1,197E-06	0
40	SISMAVA	LinStatic	-5,54E-07	0	0,001753	0	-7,868E-06	0
40	LM71SVB	LinStatic	1,116E-07	0	-0,000352	0	1,454E-06	0
40	SW2SVB	LinStatic	9,189E-08	0	-0,00029	0	1,197E-06	0
40	SISMAVB	LinStatic	5,54E-07	0	-0,001753	0	7,868E-06	0
41	PP	LinStatic	-3,166E-06	0	-0,006285	0	-2,1E-05	0
41	REINTSUP	LinStatic	-2,536E-06	0	-0,004128	0	-1,6E-05	0
41	BALLAST	LinStatic	-1,722E-06	0	-0,002804	0	-1,1E-05	0
41	STERRASX	LinStatic	0,038936	0	0,007882	0	0,00539	0
41	STERRADX	LinStatic	-0,038921	0	-0,007874	0	-0,005328	0
41	TERMP	LinStatic	-4,299E-06	0	-1,3E-05	0	-2,8E-05	0
41	TERMN	LinStatic	1,3E-05	0	3,9E-05	0	8,5E-05	0
41	GRADTP	LinStatic	1,281E-06	0	-1E-05	0	5,436E-06	0
41	GRADTN	LinStatic	-1,281E-06	0	1E-05	0	-5,436E-06	0
41	LM71C	LinStatic	-7,282E-06	0	-0,011854	0	-4,5E-05	0
41	LM71SX	LinStatic	-0,000921	0	-0,015055	0	-0,006137	0
41	LM71DX	LinStatic	0,000914	0	0,003201	0	0,006091	0
41	STLM71	LinStatic	0,033015	0	0,007638	0	0,005214	0
41	AVVLM71	LinStatic	0,020592	0	0,009302	0	0,006289	0
41	SW2	LinStatic	-5,998E-06	0	-0,009763	0	-3,7E-05	0
41	STSW2	LinStatic	0,0272	0	0,006292	0	0,004296	0
41	FRENSW2	LinStatic	0,021835	0	0,009863	0	0,006669	0
41	SERP	LinStatic	0	0	0	0	0	0
41	INCRTER	LinStatic	0,038449	0	0,008895	0	0,006072	0
41	LM71SISO	LinStatic	0,007373	0	0,003331	0	0,002252	0
41	SW2SISO	LinStatic	0,00607	0	0,002742	0	0,001854	0
41	SISMAO	LinStatic	0,033002	0	0,012858	0	0,008698	0
41	LM71SVA	LinStatic	2,165E-07	0	0,000352	0	1,347E-06	0
41	SW2SVA	LinStatic	1,782E-07	0	0,00029	0	1,109E-06	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
264 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
41	SISMAVA	LinStatic	1,106E-06	0	0,001753	0	7,074E-06	0
41	LM71SVB	LinStatic	-2,165E-07	0	-0,000352	0	-1,347E-06	0
41	SW2SVB	LinStatic	-1,782E-07	0	-0,00029	0	-1,109E-06	0
41	SISMAVB	LinStatic	-1,106E-06	0	-0,001753	0	-7,074E-06	0
42	PP	LinStatic	9,228E-15	0	-0,006262	0	4,407E-14	0
42	REINTSUP	LinStatic	6,077E-15	0	-0,004125	0	2,895E-14	0
42	BALLAST	LinStatic	4,128E-15	0	-0,002802	0	1,966E-14	0
42	STERRASX	LinStatic	0,038912	0	2,272E-06	0	0,00527	0
42	STERRADX	LinStatic	-0,038912	0	2,272E-06	0	-0,00527	0
42	TERMP	LinStatic	9,649E-16	0	6,24E-06	0	3,585E-16	0
42	TERMN	LinStatic	-3,007E-15	0	-1,9E-05	0	-1,109E-15	0
42	GRADTP	LinStatic	-2,972E-17	0	9,528E-06	0	6,441E-17	0
42	GRADTN	LinStatic	2,972E-17	0	-9,528E-06	0	-6,441E-17	0
42	LM71C	LinStatic	1,745E-14	0	-0,011845	0	8,313E-14	0
42	LM71SX	LinStatic	-0,000908	0	-0,005922	0	-0,006059	0
42	LM71DX	LinStatic	0,000908	0	-0,005922	0	0,006059	0
42	STLM71	LinStatic	0,032995	0	2,23E-06	0	0,005109	0
42	AVVLM71	LinStatic	0,020583	0	-3,246E-14	0	0,006233	0
42	SW2	LinStatic	1,437E-14	0	-0,009755	0	6,847E-14	0
42	STSW2	LinStatic	0,027183	0	1,837E-06	0	0,004209	0
42	FRENSW2	LinStatic	0,021825	0	-3,441E-14	0	0,006609	0
42	SERP	LinStatic	0	0	0	0	0	0
42	INCRTER	LinStatic	0,038425	0	2,597E-06	0	0,00595	0
42	LM71SISO	LinStatic	0,00737	0	-1,162E-14	0	0,002232	0
42	SW2SISO	LinStatic	0,006067	0	-9,567E-15	0	0,001837	0
42	SISMAO	LinStatic	0,032988	0	-4,506E-14	0	0,008618	0
42	LM71SVA	LinStatic	-5,188E-16	0	0,000352	0	-2,472E-15	0
42	SW2SVA	LinStatic	-4,272E-16	0	0,00029	0	-2,035E-15	0
42	SISMAVA	LinStatic	-2,577E-15	0	0,001749	0	-1,229E-14	0
42	LM71SVB	LinStatic	5,188E-16	0	-0,000352	0	2,472E-15	0
42	SW2SVB	LinStatic	4,272E-16	0	-0,00029	0	2,035E-15	0
42	SISMAVB	LinStatic	2,577E-15	0	-0,001749	0	1,229E-14	0
43	PP	LinStatic	3,166E-06	0	-0,006285	0	2,1E-05	0
43	REINTSUP	LinStatic	2,536E-06	0	-0,004128	0	1,6E-05	0
43	BALLAST	LinStatic	1,722E-06	0	-0,002804	0	1,1E-05	0
43	STERRASX	LinStatic	0,038921	0	-0,007874	0	0,005328	0
43	STERRADX	LinStatic	-0,038936	0	0,007882	0	-0,00539	0
43	TERMP	LinStatic	4,299E-06	0	-1,3E-05	0	2,8E-05	0
43	TERMN	LinStatic	-1,3E-05	0	3,9E-05	0	-8,5E-05	0
43	GRADTP	LinStatic	-1,281E-06	0	-1E-05	0	-5,436E-06	0
43	GRADTN	LinStatic	1,281E-06	0	1E-05	0	5,436E-06	0
43	LM71C	LinStatic	7,282E-06	0	-0,011854	0	4,5E-05	0
43	LM71SX	LinStatic	-0,000914	0	0,003201	0	-0,006091	0
43	LM71DX	LinStatic	0,000921	0	-0,015055	0	0,006137	0
43	STLM71	LinStatic	0,033003	0	-0,007632	0	0,005164	0
43	AVVLM71	LinStatic	0,020592	0	-0,009302	0	0,006289	0
43	SW2	LinStatic	5,998E-06	0	-0,009763	0	3,7E-05	0
43	STSW2	LinStatic	0,02719	0	-0,006288	0	0,004255	0
43	FRENSW2	LinStatic	0,021835	0	-0,009863	0	0,006669	0
43	SERP	LinStatic	0	0	0	0	0	0
43	INCRTER	LinStatic	0,038435	0	-0,008888	0	0,006014	0
43	LM71SISO	LinStatic	0,007373	0	-0,003331	0	0,002252	0
43	SW2SISO	LinStatic	0,00607	0	-0,002742	0	0,001854	0
43	SISMAO	LinStatic	0,033002	0	-0,012858	0	0,008698	0
43	LM71SVA	LinStatic	-2,165E-07	0	0,000352	0	-1,347E-06	0
43	SW2SVA	LinStatic	-1,782E-07	0	0,00029	0	-1,109E-06	0
43	SISMAVA	LinStatic	-1,106E-06	0	0,001753	0	-7,074E-06	0
43	LM71SVB	LinStatic	2,165E-07	0	-0,000352	0	1,347E-06	0
43	SW2SVB	LinStatic	1,782E-07	0	-0,00029	0	1,109E-06	0
43	SISMAVB	LinStatic	1,106E-06	0	-0,001753	0	7,074E-06	0
44	PP	LinStatic	-8,709E-06	0	-0,006286	0	-3,781E-06	0
44	REINTSUP	LinStatic	-8,36E-06	0	-0,004128	0	-7,621E-06	0
44	BALLAST	LinStatic	-5,679E-06	0	-0,002804	0	-5,177E-06	0
44	STERRASX	LinStatic	0,041641	0	0,007883	0	0,005401	0
44	STERRADX	LinStatic	-0,041593	0	-0,007875	0	-0,005353	0
44	TERMP	LinStatic	-2E-05	0	-1,3E-05	0	-3,4E-05	0
44	TERMN	LinStatic	6E-05	0	3,9E-05	0	0,000101	0
44	GRADTP	LinStatic	7,642E-06	0	-1E-05	0	1,5E-05	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
265 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
44	GRADTN	LinStatic	-7,642E-06	0	1E-05	0	-1,5E-05	0
44	LM71C	LinStatic	-2,4E-05	0	-0,011856	0	-2,2E-05	0
44	LM71SX	LinStatic	-0,003983	0	-0,015057	0	-0,006113	0
44	LM71DX	LinStatic	0,003959	0	0,003202	0	0,006091	0
44	STLM71	LinStatic	0,035632	0	0,007638	0	0,00523	0
44	AVVLM71	LinStatic	0,023747	0	0,009302	0	0,006319	0
44	SW2	LinStatic	-2E-05	0	-0,009764	0	-1,8E-05	0
44	STSW2	LinStatic	0,029356	0	0,006292	0	0,004309	0
44	FRENSW2	LinStatic	0,025179	0	0,009864	0	0,006701	0
44	SERP	LinStatic	0	0	0	0	0	0
44	INCRTER	LinStatic	0,041497	0	0,008895	0	0,006091	0
44	LM71SISO	LinStatic	0,008503	0	0,003331	0	0,002263	0
44	SW2SISO	LinStatic	0,006999	0	0,002742	0	0,001863	0
44	SISMAO	LinStatic	0,037364	0	0,012859	0	0,008739	0
44	LM71SVA	LinStatic	7,138E-07	0	0,000352	0	6,507E-07	0
44	SW2SVA	LinStatic	5,876E-07	0	0,00029	0	5,357E-07	0
44	SISMAVA	LinStatic	3,392E-06	0	0,001753	0	2,478E-06	0
44	LM71SVB	LinStatic	-7,138E-07	0	-0,000352	0	-6,507E-07	0
44	SW2SVB	LinStatic	-5,876E-07	0	-0,00029	0	-5,357E-07	0
44	SISMAVB	LinStatic	-3,392E-06	0	-0,001753	0	-2,478E-06	0
45	PP	LinStatic	3,128E-14	0	-0,006264	0	4,414E-14	0
45	REINTSUP	LinStatic	2,056E-14	0	-0,004126	0	2,899E-14	0
45	BALLAST	LinStatic	1,397E-14	0	-0,002803	0	1,969E-14	0
45	STERRASX	LinStatic	0,041569	0	2,65E-06	0	0,005342	0
45	STERRADX	LinStatic	-0,041569	0	2,65E-06	0	-0,005342	0
45	TERMP	LinStatic	1,145E-15	0	6,237E-06	0	3,623E-16	0
45	TERMN	LinStatic	-3,565E-15	0	-1,9E-05	0	-1,121E-15	0
45	GRADTP	LinStatic	2,583E-18	0	9,953E-06	0	6,474E-17	0
45	GRADTN	LinStatic	-2,583E-18	0	-9,953E-06	0	-6,474E-17	0
45	LM71C	LinStatic	5,906E-14	0	-0,01185	0	8,326E-14	0
45	LM71SX	LinStatic	-0,003941	0	-0,005925	0	-0,006071	0
45	LM71DX	LinStatic	0,003941	0	-0,005925	0	0,006071	0
45	STLM71	LinStatic	0,03557	0	2,55E-06	0	0,005179	0
45	AVVLM71	LinStatic	0,023724	0	-3,246E-14	0	0,006313	0
45	SW2	LinStatic	4,864E-14	0	-0,009759	0	6,858E-14	0
45	STSW2	LinStatic	0,029305	0	2,101E-06	0	0,004266	0
45	FRENSW2	LinStatic	0,025155	0	-3,442E-14	0	0,006694	0
45	SERP	LinStatic	0	0	0	0	0	0
45	INCRTER	LinStatic	0,041424	0	2,969E-06	0	0,006031	0
45	LM71SISO	LinStatic	0,008495	0	-1,162E-14	0	0,002261	0
45	SW2SISO	LinStatic	0,006993	0	-9,568E-15	0	0,001861	0
45	SISMAO	LinStatic	0,037331	0	-4,506E-14	0	0,00873	0
45	LM71SVA	LinStatic	-1,756E-15	0	0,000352	0	-2,475E-15	0
45	SW2SVA	LinStatic	-1,445E-15	0	0,00029	0	-2,038E-15	0
45	SISMAVA	LinStatic	-8,729E-15	0	0,00175	0	-1,231E-14	0
45	LM71SVB	LinStatic	1,756E-15	0	-0,000352	0	2,475E-15	0
45	SW2SVB	LinStatic	1,445E-15	0	-0,00029	0	2,038E-15	0
45	SISMAVB	LinStatic	8,729E-15	0	-0,00175	0	1,231E-14	0
46	PP	LinStatic	8,709E-06	0	-0,006286	0	3,781E-06	0
46	REINTSUP	LinStatic	8,36E-06	0	-0,004128	0	7,621E-06	0
46	BALLAST	LinStatic	5,679E-06	0	-0,002804	0	5,177E-06	0
46	STERRASX	LinStatic	0,041593	0	-0,007875	0	0,005353	0
46	STERRADX	LinStatic	-0,041641	0	0,007883	0	-0,005401	0
46	TERMP	LinStatic	2E-05	0	-1,3E-05	0	3,4E-05	0
46	TERMN	LinStatic	-6E-05	0	3,9E-05	0	-0,000101	0
46	GRADTP	LinStatic	-7,642E-06	0	-1E-05	0	-1,5E-05	0
46	GRADTN	LinStatic	7,642E-06	0	1E-05	0	1,5E-05	0
46	LM71C	LinStatic	2,4E-05	0	-0,011856	0	2,2E-05	0
46	LM71SX	LinStatic	-0,003959	0	0,003202	0	-0,006091	0
46	LM71DX	LinStatic	0,003983	0	-0,015057	0	0,006113	0
46	STLM71	LinStatic	0,035593	0	-0,007633	0	0,005188	0
46	AVVLM71	LinStatic	0,023747	0	-0,009302	0	0,006319	0
46	SW2	LinStatic	2E-05	0	-0,009764	0	1,8E-05	0
46	STSW2	LinStatic	0,029323	0	-0,006288	0	0,004274	0
46	FRENSW2	LinStatic	0,025179	0	-0,009864	0	0,006701	0
46	SERP	LinStatic	0	0	0	0	0	0
46	INCRTER	LinStatic	0,041451	0	-0,008889	0	0,006042	0
46	LM71SISO	LinStatic	0,008503	0	-0,003331	0	0,002263	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
266 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
46	SW2SISO	LinStatic	0,006999	0	-0,002742	0	0,001863	0
46	SISMAO	LinStatic	0,037364	0	-0,012859	0	0,008739	0
46	LM71SVA	LinStatic	-7,138E-07	0	0,000352	0	-6,507E-07	0
46	SW2SVA	LinStatic	-5,876E-07	0	0,00029	0	-5,357E-07	0
46	SISMAVA	LinStatic	-3,392E-06	0	0,001753	0	-2,478E-06	0
46	LM71SVB	LinStatic	7,138E-07	0	-0,000352	0	6,507E-07	0
46	SW2SVB	LinStatic	5,876E-07	0	-0,00029	0	5,357E-07	0
46	SISMAVB	LinStatic	3,392E-06	0	-0,001753	0	2,478E-06	0
47	PP	LinStatic	-7,562E-06	0	-0,006287	0	5,772E-06	0
47	REINTSUP	LinStatic	-1E-05	0	-0,004129	0	2,313E-07	0
47	BALLAST	LinStatic	-6,916E-06	0	-0,002805	0	1,571E-07	0
47	STERRASX	LinStatic	0,044332	0	0,007883	0	0,005352	0
47	STERRADX	LinStatic	-0,044272	0	-0,007876	0	-0,005356	0
47	TERMP	LinStatic	-3,8E-05	0	-1,3E-05	0	-3,5E-05	0
47	TERMN	LinStatic	0,000113	0	3,9E-05	0	0,000106	0
47	GRADTP	LinStatic	1,5E-05	0	-1E-05	0	1,1E-05	0
47	GRADTN	LinStatic	-1,5E-05	0	1E-05	0	-1,1E-05	0
47	LM71C	LinStatic	-2,9E-05	0	-0,011858	0	6,643E-07	0
47	LM71SX	LinStatic	-0,007034	0	-0,015059	0	-0,006088	0
47	LM71DX	LinStatic	0,007004	0	0,003202	0	0,006089	0
47	STLM71	LinStatic	0,038241	0	0,007638	0	0,005191	0
47	AVVLM71	LinStatic	0,02691	0	0,009303	0	0,006325	0
47	SW2	LinStatic	-2,4E-05	0	-0,009766	0	5,471E-07	0
47	STSW2	LinStatic	0,031505	0	0,006293	0	0,004277	0
47	FRENSW2	LinStatic	0,028533	0	0,009864	0	0,006706	0
47	SERP	LinStatic	0	0	0	0	0	0
47	INCRTER	LinStatic	0,044535	0	0,008895	0	0,006046	0
47	LM71SISO	LinStatic	0,009635	0	0,003331	0	0,002265	0
47	SW2SISO	LinStatic	0,007932	0	0,002742	0	0,001864	0
47	SISMAO	LinStatic	0,041738	0	0,01286	0	0,008743	0
47	LM71SVA	LinStatic	8,693E-07	0	0,000353	0	-1,975E-08	0
47	SW2SVA	LinStatic	7,156E-07	0	0,00029	0	-1,626E-08	0
47	SISMAVA	LinStatic	3,681E-06	0	0,001754	0	-9,109E-07	0
47	LM71SVB	LinStatic	-8,693E-07	0	-0,000353	0	1,975E-08	0
47	SW2SVB	LinStatic	-7,156E-07	0	-0,00029	0	1,626E-08	0
47	SISMAVB	LinStatic	-3,681E-06	0	-0,001754	0	9,109E-07	0
48	PP	LinStatic	5,336E-14	0	-0,006266	0	4,417E-14	0
48	REINTSUP	LinStatic	3,507E-14	0	-0,004128	0	2,902E-14	0
48	BALLAST	LinStatic	2,382E-14	0	-0,002804	0	1,971E-14	0
48	STERRASX	LinStatic	0,044251	0	3,028E-06	0	0,005372	0
48	STERRADX	LinStatic	-0,044251	0	3,028E-06	0	-0,005372	0
48	TERMP	LinStatic	1,327E-15	0	6,235E-06	0	3,639E-16	0
48	TERMN	LinStatic	-4,127E-15	0	-1,9E-05	0	-1,125E-15	0
48	GRADTP	LinStatic	3,501E-17	0	1E-05	0	6,49E-17	0
48	GRADTN	LinStatic	-3,501E-17	0	-1E-05	0	-6,49E-17	0
48	LM71C	LinStatic	1,007E-13	0	-0,011855	0	8,334E-14	0
48	LM71SX	LinStatic	-0,00698	0	-0,005927	0	-0,006086	0
48	LM71DX	LinStatic	0,00698	0	-0,005927	0	0,006086	0
48	STLM71	LinStatic	0,03817	0	2,869E-06	0	0,005208	0
48	AVVLM71	LinStatic	0,026892	0	-3,247E-14	0	0,006344	0
48	SW2	LinStatic	8,294E-14	0	-0,009764	0	6,864E-14	0
48	STSW2	LinStatic	0,031447	0	2,364E-06	0	0,00429	0
48	FRENSW2	LinStatic	0,028515	0	-3,443E-14	0	0,006727	0
48	SERP	LinStatic	0	0	0	0	0	0
48	INCRTER	LinStatic	0,044452	0	3,341E-06	0	0,006065	0
48	LM71SISO	LinStatic	0,009629	0	-1,163E-14	0	0,002272	0
48	SW2SISO	LinStatic	0,007927	0	-9,57E-15	0	0,00187	0
48	SISMAO	LinStatic	0,041712	0	-4,507E-14	0	0,00877	0
48	LM71SVA	LinStatic	-2,994E-15	0	0,000352	0	-2,478E-15	0
48	SW2SVA	LinStatic	-2,465E-15	0	0,00029	0	-2,04E-15	0
48	SISMAVA	LinStatic	-1,489E-14	0	0,00175	0	-1,232E-14	0
48	LM71SVB	LinStatic	2,994E-15	0	-0,000352	0	2,478E-15	0
48	SW2SVB	LinStatic	2,465E-15	0	-0,00029	0	2,04E-15	0
48	SISMAVB	LinStatic	1,489E-14	0	-0,00175	0	1,232E-14	0
49	PP	LinStatic	7,562E-06	0	-0,006287	0	-5,772E-06	0
49	REINTSUP	LinStatic	1E-05	0	-0,004129	0	-2,313E-07	0
49	BALLAST	LinStatic	6,916E-06	0	-0,002805	0	-1,571E-07	0
49	STERRASX	LinStatic	0,044272	0	-0,007876	0	0,005356	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
49	STERRADX	LinStatic	-0,044332	0	0,007883	0	-0,005352	0
49	TERMP	LinStatic	3,8E-05	0	-1,3E-05	0	3,5E-05	0
49	TERMN	LinStatic	-0,000113	0	3,9E-05	0	-0,000106	0
49	GRADTP	LinStatic	-1,5E-05	0	-1E-05	0	-1,1E-05	0
49	GRADTN	LinStatic	1,5E-05	0	1E-05	0	1,1E-05	0
49	LM71C	LinStatic	2,9E-05	0	-0,011858	0	-6,643E-07	0
49	LM71SX	LinStatic	-0,007004	0	0,003202	0	-0,006089	0
49	LM71DX	LinStatic	0,007034	0	-0,015059	0	0,006088	0
49	STLM71	LinStatic	0,03819	0	-0,007633	0	0,005191	0
49	AVVLM71	LinStatic	0,02691	0	-0,009303	0	0,006325	0
49	SW2	LinStatic	2,4E-05	0	-0,009766	0	-5,471E-07	0
49	STSW2	LinStatic	0,031463	0	-0,006289	0	0,004277	0
49	FRENSW2	LinStatic	0,028533	0	-0,009864	0	0,006706	0
49	SERP	LinStatic	0	0	0	0	0	0
49	INCRTER	LinStatic	0,044475	0	-0,00889	0	0,006046	0
49	LM71SISO	LinStatic	0,009635	0	-0,003331	0	0,002265	0
49	SW2SISO	LinStatic	0,007932	0	-0,002742	0	0,001864	0
49	SISMAO	LinStatic	0,041738	0	-0,01286	0	0,008743	0
49	LM71SVA	LinStatic	-8,693E-07	0	0,000353	0	1,975E-08	0
49	SW2SVA	LinStatic	-7,156E-07	0	0,00029	0	1,626E-08	0
49	SISMAVA	LinStatic	-3,681E-06	0	0,001754	0	9,109E-07	0
49	LM71SVB	LinStatic	8,693E-07	0	-0,000353	0	-1,975E-08	0
49	SW2SVB	LinStatic	7,156E-07	0	-0,00029	0	-1,626E-08	0
49	SISMAVB	LinStatic	3,681E-06	0	-0,001754	0	-9,109E-07	0
50	PP	LinStatic	-3,55E-06	0	-0,006287	0	7,676E-06	0
50	REINTSUP	LinStatic	-8,154E-06	0	-0,00413	0	7,777E-06	0
50	BALLAST	LinStatic	-5,538E-06	0	-0,002805	0	5,283E-06	0
50	STERRASX	LinStatic	0,046992	0	0,007883	0	0,005287	0
50	STERRADX	LinStatic	-0,046947	0	-0,007876	0	-0,005339	0
50	TERMP	LinStatic	-5,5E-05	0	-1,3E-05	0	-3,3E-05	0
50	TERMN	LinStatic	0,000165	0	3,9E-05	0	0,0001	0
50	GRADTP	LinStatic	1,7E-05	0	-1,1E-05	0	-7,951E-06	0
50	GRADTN	LinStatic	-1,7E-05	0	1,1E-05	0	7,951E-06	0
50	LM71C	LinStatic	-2,3E-05	0	-0,011859	0	2,2E-05	0
50	LM71SX	LinStatic	-0,010071	0	-0,015061	0	-0,006063	0
50	LM71DX	LinStatic	0,010048	0	0,003202	0	0,006085	0
50	STLM71	LinStatic	0,040822	0	0,007638	0	0,005132	0
50	AVVLM71	LinStatic	0,030069	0	0,009304	0	0,006305	0
50	SW2	LinStatic	-1,9E-05	0	-0,009767	0	1,8E-05	0
50	STSW2	LinStatic	0,033631	0	0,006293	0	0,004228	0
50	FRENSW2	LinStatic	0,031884	0	0,009865	0	0,006686	0
50	SERP	LinStatic	0	0	0	0	0	0
50	INCRTER	LinStatic	0,047541	0	0,008895	0	0,005977	0
50	LM71SISO	LinStatic	0,010767	0	0,003331	0	0,002258	0
50	SW2SISO	LinStatic	0,008863	0	0,002742	0	0,001859	0
50	SISMAO	LinStatic	0,046104	0	0,01286	0	0,008712	0
50	LM71SVA	LinStatic	6,961E-07	0	0,000353	0	-6,64E-07	0
50	SW2SVA	LinStatic	5,731E-07	0	0,00029	0	-5,466E-07	0
50	SISMAVA	LinStatic	2,578E-06	0	0,001754	0	-3,092E-06	0
50	LM71SVB	LinStatic	-6,961E-07	0	-0,000353	0	6,64E-07	0
50	SW2SVB	LinStatic	-5,731E-07	0	-0,00029	0	5,466E-07	0
50	SISMAVB	LinStatic	-2,578E-06	0	-0,001754	0	3,092E-06	0
51	PP	LinStatic	7,545E-14	0	-0,006267	0	4,418E-14	0
51	REINTSUP	LinStatic	4,958E-14	0	-0,00413	0	2,903E-14	0
51	BALLAST	LinStatic	3,368E-14	0	-0,002805	0	1,972E-14	0
51	STERRASX	LinStatic	0,046938	0	3,407E-06	0	0,005361	0
51	STERRADX	LinStatic	-0,046938	0	3,407E-06	0	-0,005361	0
51	TERMP	LinStatic	1,509E-15	0	6,232E-06	0	3,631E-16	0
51	TERMN	LinStatic	-4,69E-15	0	-1,9E-05	0	-1,123E-15	0
51	GRADTP	LinStatic	6,747E-17	0	1,1E-05	0	6,489E-17	0
51	GRADTN	LinStatic	-6,747E-17	0	-1,1E-05	0	-6,489E-17	0
51	LM71C	LinStatic	1,424E-13	0	-0,01186	0	8,335E-14	0
51	LM71SX	LinStatic	-0,010027	0	-0,00593	0	-0,006103	0
51	LM71DX	LinStatic	0,010027	0	-0,00593	0	0,006103	0
51	STLM71	LinStatic	0,040775	0	3,189E-06	0	0,005196	0
51	AVVLM71	LinStatic	0,030064	0	-3,247E-14	0	0,006326	0
51	SW2	LinStatic	1,173E-13	0	-0,009768	0	6,865E-14	0
51	STSW2	LinStatic	0,033592	0	2,627E-06	0	0,004281	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
268 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
51	FRENSW2	LinStatic	0,031878	0	-3,443E-14	0	0,006708	0
51	SERP	LinStatic	0	0	0	0	0	0
51	INCRTER	LinStatic	0,047485	0	3,714E-06	0	0,006051	0
51	LM71SISO	LinStatic	0,010765	0	-1,163E-14	0	0,002265	0
51	SW2SISO	LinStatic	0,008862	0	-9,572E-15	0	0,001865	0
51	SISMAO	LinStatic	0,046096	0	-4,508E-14	0	0,008742	0
51	LM71SVA	LinStatic	-4,233E-15	0	0,000353	0	-2,478E-15	0
51	SW2SVA	LinStatic	-3,485E-15	0	0,00029	0	-2,04E-15	0
51	SISMAVA	LinStatic	-2,105E-14	0	0,001751	0	-1,233E-14	0
51	LM71SVB	LinStatic	4,233E-15	0	-0,000353	0	2,478E-15	0
51	SW2SVB	LinStatic	3,485E-15	0	-0,00029	0	2,04E-15	0
51	SISMAVB	LinStatic	2,105E-14	0	-0,001751	0	1,233E-14	0
52	PP	LinStatic	3,55E-06	0	-0,006287	0	-7,676E-06	0
52	REINTSUP	LinStatic	8,154E-06	0	-0,00413	0	-7,777E-06	0
52	BALLAST	LinStatic	5,538E-06	0	-0,002805	0	-5,283E-06	0
52	STERRASX	LinStatic	0,046947	0	-0,007876	0	0,005339	0
52	STERRADX	LinStatic	-0,046992	0	0,007883	0	-0,005287	0
52	TERMP	LinStatic	5,5E-05	0	-1,3E-05	0	3,3E-05	0
52	TERMN	LinStatic	-0,000165	0	3,9E-05	0	-0,0001	0
52	GRADTP	LinStatic	-1,7E-05	0	-1,1E-05	0	7,951E-06	0
52	GRADTN	LinStatic	1,7E-05	0	1,1E-05	0	-7,951E-06	0
52	LM71C	LinStatic	2,3E-05	0	-0,011859	0	-2,2E-05	0
52	LM71SX	LinStatic	-0,010048	0	0,003202	0	-0,006085	0
52	LM71DX	LinStatic	0,010071	0	-0,015061	0	0,006063	0
52	STLM71	LinStatic	0,040783	0	-0,007634	0	0,005175	0
52	AVVLM71	LinStatic	0,030069	0	-0,009304	0	0,006305	0
52	SW2	LinStatic	1,9E-05	0	-0,009767	0	-1,8E-05	0
52	STSW2	LinStatic	0,033599	0	-0,006289	0	0,004263	0
52	FRENSW2	LinStatic	0,031884	0	-0,009865	0	0,006686	0
52	SERP	LinStatic	0	0	0	0	0	0
52	INCRTER	LinStatic	0,047495	0	-0,00889	0	0,006026	0
52	LM71SISO	LinStatic	0,010767	0	-0,003331	0	0,002258	0
52	SW2SISO	LinStatic	0,008863	0	-0,002742	0	0,001859	0
52	SISMAO	LinStatic	0,046104	0	-0,01286	0	0,008712	0
52	LM71SVA	LinStatic	-6,961E-07	0	0,000353	0	6,64E-07	0
52	SW2SVA	LinStatic	-5,731E-07	0	0,00029	0	5,466E-07	0
52	SISMAVA	LinStatic	-2,578E-06	0	0,001754	0	3,092E-06	0
52	LM71SVB	LinStatic	6,961E-07	0	-0,000353	0	-6,64E-07	0
52	SW2SVB	LinStatic	5,731E-07	0	-0,00029	0	-5,466E-07	0
52	SISMAVB	LinStatic	2,578E-06	0	-0,001754	0	-3,092E-06	0
53	PP	LinStatic	-5,001E-07	0	-0,006287	0	1,928E-06	0
53	REINTSUP	LinStatic	-2,429E-06	0	-0,00413	0	1,5E-05	0
53	BALLAST	LinStatic	-1,65E-06	0	-0,002806	0	1E-05	0
53	STERRASX	LinStatic	0,049621	0	0,007883	0	0,005244	0
53	STERRADX	LinStatic	-0,049608	0	-0,007877	0	-0,0053	0
53	TERMP	LinStatic	-7,1E-05	0	-1,3E-05	0	-2,8E-05	0
53	TERMN	LinStatic	0,000212	0	3,9E-05	0	8,4E-05	0
53	GRADTP	LinStatic	6,233E-06	0	-1,1E-05	0	-4,1E-05	0
53	GRADTN	LinStatic	-6,233E-06	0	1,1E-05	0	4,1E-05	0
53	LM71C	LinStatic	-6,976E-06	0	-0,011861	0	4,3E-05	0
53	LM71SX	LinStatic	-0,013096	0	-0,015063	0	-0,006037	0
53	LM71DX	LinStatic	0,013089	0	0,003202	0	0,00608	0
53	STLM71	LinStatic	0,043374	0	0,007638	0	0,005088	0
53	AVVLM71	LinStatic	0,033213	0	0,009304	0	0,006261	0
53	SW2	LinStatic	-5,745E-06	0	-0,009769	0	3,6E-05	0
53	STSW2	LinStatic	0,035734	0	0,006293	0	0,004192	0
53	FRENSW2	LinStatic	0,035217	0	0,009866	0	0,006639	0
53	SERP	LinStatic	0	0	0	0	0	0
53	INCRTER	LinStatic	0,050513	0	0,008896	0	0,005925	0
53	LM71SISO	LinStatic	0,011892	0	0,003331	0	0,002242	0
53	SW2SISO	LinStatic	0,00979	0	0,002742	0	0,001846	0
53	SISMAO	LinStatic	0,050448	0	0,012861	0	0,008651	0
53	LM71SVA	LinStatic	2,074E-07	0	0,000353	0	-1,282E-06	0
53	SW2SVA	LinStatic	1,707E-07	0	0,00029	0	-1,055E-06	0
53	SISMAVA	LinStatic	6,856E-07	0	0,001754	0	-4,067E-06	0
53	LM71SVB	LinStatic	-2,074E-07	0	-0,000353	0	1,282E-06	0
53	SW2SVB	LinStatic	-1,707E-07	0	-0,00029	0	1,055E-06	0
53	SISMAVB	LinStatic	-6,856E-07	0	-0,001754	0	4,067E-06	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
269 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
54	PP	LinStatic	9,754E-14	0	-0,006268	0	4,416E-14	0
54	REINTSUP	LinStatic	6,409E-14	0	-0,004132	0	2,901E-14	0
54	BALLAST	LinStatic	4,353E-14	0	-0,002807	0	1,97E-14	0
54	STERRASX	LinStatic	0,049609	0	3,785E-06	0	0,005308	0
54	STERRADX	LinStatic	-0,049609	0	3,785E-06	0	-0,005308	0
54	TERMP	LinStatic	1,69E-15	0	6,229E-06	0	3,6E-16	0
54	TERMN	LinStatic	-5,249E-15	0	-1,9E-05	0	-1,113E-15	0
54	GRADTP	LinStatic	9,989E-17	0	1,1E-05	0	6,472E-17	0
54	GRADTN	LinStatic	-9,989E-17	0	-1,1E-05	0	-6,472E-17	0
54	LM71C	LinStatic	1,841E-13	0	-0,011865	0	8,331E-14	0
54	LM71SX	LinStatic	-0,013083	0	-0,005933	0	-0,006121	0
54	LM71DX	LinStatic	0,013083	0	-0,005933	0	0,006121	0
54	STLM71	LinStatic	0,043363	0	3,508E-06	0	0,005144	0
54	AVVLM71	LinStatic	0,033214	0	-3,248E-14	0	0,006258	0
54	SW2	LinStatic	1,516E-13	0	-0,009772	0	6,861E-14	0
54	STSW2	LinStatic	0,035725	0	2,89E-06	0	0,004238	0
54	FRENSW2	LinStatic	0,035218	0	-3,444E-14	0	0,006636	0
54	SERP	LinStatic	0	0	0	0	0	0
54	INCRTER	LinStatic	0,0505	0	4,086E-06	0	0,00599	0
54	LM71SISO	LinStatic	0,011893	0	-1,163E-14	0	0,002241	0
54	SW2SISO	LinStatic	0,00979	0	-9,573E-15	0	0,001845	0
54	SISMAO	LinStatic	0,050449	0	-4,509E-14	0	0,008648	0
54	LM71SVA	LinStatic	-5,472E-15	0	0,000353	0	-2,477E-15	0
54	SW2SVA	LinStatic	-4,505E-15	0	0,00029	0	-2,039E-15	0
54	SISMAVA	LinStatic	-2,721E-14	0	0,001752	0	-1,232E-14	0
54	LM71SVB	LinStatic	5,472E-15	0	-0,000353	0	2,477E-15	0
54	SW2SVB	LinStatic	4,505E-15	0	-0,00029	0	2,039E-15	0
54	SISMAVB	LinStatic	2,721E-14	0	-0,001752	0	1,232E-14	0
55	PP	LinStatic	5,001E-07	0	-0,006287	0	-1,928E-06	0
55	REINTSUP	LinStatic	2,429E-06	0	-0,00413	0	-1,5E-05	0
55	BALLAST	LinStatic	1,65E-06	0	-0,002806	0	-1E-05	0
55	STERRASX	LinStatic	0,049608	0	-0,007877	0	0,0053	0
55	STERRADX	LinStatic	-0,049621	0	0,007883	0	-0,005244	0
55	TERMP	LinStatic	7,1E-05	0	-1,3E-05	0	2,8E-05	0
55	TERMN	LinStatic	-0,000212	0	3,9E-05	0	-8,4E-05	0
55	GRADTP	LinStatic	-6,233E-06	0	-1,1E-05	0	4,1E-05	0
55	GRADTN	LinStatic	6,233E-06	0	1,1E-05	0	-4,1E-05	0
55	LM71C	LinStatic	6,976E-06	0	-0,011861	0	-4,3E-05	0
55	LM71SX	LinStatic	-0,013089	0	0,003202	0	-0,00608	0
55	LM71DX	LinStatic	0,013096	0	-0,015063	0	0,006037	0
55	STLM71	LinStatic	0,043363	0	-0,007634	0	0,005138	0
55	AVVLM71	LinStatic	0,033213	0	-0,009304	0	0,006261	0
55	SW2	LinStatic	5,745E-06	0	-0,009769	0	-3,6E-05	0
55	STSW2	LinStatic	0,035725	0	-0,00629	0	0,004233	0
55	FRENSW2	LinStatic	0,035217	0	-0,009866	0	0,006639	0
55	SERP	LinStatic	0	0	0	0	0	0
55	INCRTER	LinStatic	0,0505	0	-0,008891	0	0,005983	0
55	LM71SISO	LinStatic	0,011892	0	-0,003331	0	0,002242	0
55	SW2SISO	LinStatic	0,00979	0	-0,002742	0	0,001846	0
55	SISMAO	LinStatic	0,050448	0	-0,012861	0	0,008651	0
55	LM71SVA	LinStatic	-2,074E-07	0	0,000353	0	1,282E-06	0
55	SW2SVA	LinStatic	-1,707E-07	0	0,00029	0	1,055E-06	0
55	SISMAVA	LinStatic	-6,856E-07	0	0,001754	0	4,067E-06	0
55	LM71SVB	LinStatic	2,074E-07	0	-0,000353	0	-1,282E-06	0
55	SW2SVB	LinStatic	1,707E-07	0	-0,00029	0	-1,055E-06	0
55	SISMAVB	LinStatic	6,856E-07	0	-0,001754	0	-4,067E-06	0
56	PP	LinStatic	-3,619E-07	0	-0,006287	0	4,065E-07	0
56	REINTSUP	LinStatic	-1,261E-06	0	-0,004131	0	1,6E-05	0
56	BALLAST	LinStatic	-8,565E-07	0	-0,002806	0	1,1E-05	0
56	STERRASX	LinStatic	0,050014	0	0,007883	0	0,005242	0
56	STERRADX	LinStatic	-0,050006	0	-0,007877	0	-0,005293	0
56	TERMP	LinStatic	-7,3E-05	0	-1,3E-05	0	-2,7E-05	0
56	TERMN	LinStatic	0,000219	0	3,9E-05	0	8E-05	0
56	GRADTP	LinStatic	3,034E-06	0	-1,1E-05	0	-4,7E-05	0
56	GRADTN	LinStatic	-3,034E-06	0	1,1E-05	0	4,7E-05	0
56	LM71C	LinStatic	-3,621E-06	0	-0,011862	0	4,6E-05	0
56	LM71SX	LinStatic	-0,013549	0	-0,015064	0	-0,006033	0
56	LM71DX	LinStatic	0,013545	0	0,003202	0	0,00608	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
270 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
56	STLM71	LinStatic	0,043755	0	0,007638	0	0,005085	0
56	AVVLM71	LinStatic	0,033683	0	0,009304	0	0,006253	0
56	SW2	LinStatic	-2,982E-06	0	-0,009769	0	3,8E-05	0
56	STSW2	LinStatic	0,036048	0	0,006293	0	0,004189	0
56	FRENSW2	LinStatic	0,035715	0	0,009866	0	0,00663	0
56	SERP	LinStatic	0	0	0	0	0	0
56	INCRTER	LinStatic	0,050957	0	0,008896	0	0,005921	0
56	LM71SISO	LinStatic	0,01206	0	0,003331	0	0,002239	0
56	SW2SISO	LinStatic	0,009928	0	0,002742	0	0,001843	0
56	SISMAO	LinStatic	0,051096	0	0,012861	0	0,008639	0
56	LM71SVA	LinStatic	1,077E-07	0	0,000353	0	-1,373E-06	0
56	SW2SVA	LinStatic	8,863E-08	0	0,00029	0	-1,13E-06	0
56	SISMAVA	LinStatic	3,71E-07	0	0,001754	0	-4,109E-06	0
56	LM71SVB	LinStatic	-1,077E-07	0	-0,000353	0	1,373E-06	0
56	SW2SVB	LinStatic	-8,863E-08	0	-0,00029	0	1,13E-06	0
56	SISMAVB	LinStatic	-3,71E-07	0	-0,001754	0	4,109E-06	0
57	PP	LinStatic	1,009E-13	0	-0,006268	0	4,415E-14	0
57	REINTSUP	LinStatic	6,627E-14	0	-0,004132	0	2,901E-14	0
57	BALLAST	LinStatic	4,501E-14	0	-0,002807	0	1,97E-14	0
57	STERRASX	LinStatic	0,050006	0	3,841E-06	0	0,005297	0
57	STERRADX	LinStatic	-0,050006	0	3,841E-06	0	-0,005297	0
57	TERMP	LinStatic	1,717E-15	0	6,229E-06	0	3,593E-16	0
57	TERMN	LinStatic	-5,333E-15	0	-1,9E-05	0	-1,111E-15	0
57	GRADTP	LinStatic	1,047E-16	0	1,1E-05	0	6,468E-17	0
57	GRADTN	LinStatic	-1,047E-16	0	-1,1E-05	0	-6,468E-17	0
57	LM71C	LinStatic	1,903E-13	0	-0,011866	0	8,33E-14	0
57	LM71SX	LinStatic	-0,013542	0	-0,005933	0	-0,006124	0
57	LM71DX	LinStatic	0,013542	0	-0,005933	0	0,006124	0
57	STLM71	LinStatic	0,043749	0	3,556E-06	0	0,005132	0
57	AVVLM71	LinStatic	0,033683	0	-3,248E-14	0	0,006244	0
57	SW2	LinStatic	1,567E-13	0	-0,009773	0	6,861E-14	0
57	STSW2	LinStatic	0,036043	0	2,93E-06	0	0,004228	0
57	FRENSW2	LinStatic	0,035716	0	-3,444E-14	0	0,00662	0
57	SERP	LinStatic	0	0	0	0	0	0
57	INCRTER	LinStatic	0,050949	0	4,141E-06	0	0,005977	0
57	LM71SISO	LinStatic	0,012061	0	-1,163E-14	0	0,002236	0
57	SW2SISO	LinStatic	0,009928	0	-9,574E-15	0	0,00184	0
57	SISMAO	LinStatic	0,051097	0	-4,509E-14	0	0,008629	0
57	LM71SVA	LinStatic	-5,658E-15	0	0,000353	0	-2,477E-15	0
57	SW2SVA	LinStatic	-4,658E-15	0	0,00029	0	-2,039E-15	0
57	SISMAVA	LinStatic	-2,814E-14	0	0,001752	0	-1,232E-14	0
57	LM71SVB	LinStatic	5,658E-15	0	-0,000353	0	2,477E-15	0
57	SW2SVB	LinStatic	4,658E-15	0	-0,00029	0	2,039E-15	0
57	SISMAVB	LinStatic	2,814E-14	0	-0,001752	0	1,232E-14	0
58	PP	LinStatic	3,619E-07	0	-0,006287	0	-4,065E-07	0
58	REINTSUP	LinStatic	1,261E-06	0	-0,004131	0	-1,6E-05	0
58	BALLAST	LinStatic	8,565E-07	0	-0,002806	0	-1,1E-05	0
58	STERRASX	LinStatic	0,050006	0	-0,007877	0	0,005293	0
58	STERRADX	LinStatic	-0,050014	0	0,007883	0	-0,005242	0
58	TERMP	LinStatic	7,3E-05	0	-1,3E-05	0	2,7E-05	0
58	TERMN	LinStatic	-0,000219	0	3,9E-05	0	-8E-05	0
58	GRADTP	LinStatic	-3,034E-06	0	-1,1E-05	0	4,7E-05	0
58	GRADTN	LinStatic	3,034E-06	0	1,1E-05	0	-4,7E-05	0
58	LM71C	LinStatic	3,621E-06	0	-0,011862	0	-4,6E-05	0
58	LM71SX	LinStatic	-0,013545	0	0,003202	0	-0,00608	0
58	LM71DX	LinStatic	0,013549	0	-0,015064	0	0,006033	0
58	STLM71	LinStatic	0,043748	0	-0,007634	0	0,00513	0
58	AVVLM71	LinStatic	0,033683	0	-0,009304	0	0,006253	0
58	SW2	LinStatic	2,982E-06	0	-0,009769	0	-3,8E-05	0
58	STSW2	LinStatic	0,036042	0	-0,00629	0	0,004227	0
58	FRENSW2	LinStatic	0,035715	0	-0,009866	0	0,00663	0
58	SERP	LinStatic	0	0	0	0	0	0
58	INCRTER	LinStatic	0,050948	0	-0,008891	0	0,005975	0
58	LM71SISO	LinStatic	0,01206	0	-0,003331	0	0,002239	0
58	SW2SISO	LinStatic	0,009928	0	-0,002742	0	0,001843	0
58	SISMAO	LinStatic	0,051096	0	-0,012861	0	0,008639	0
58	LM71SVA	LinStatic	-1,077E-07	0	0,000353	0	1,373E-06	0
58	SW2SVA	LinStatic	-8,863E-08	0	0,00029	0	1,13E-06	0



Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 271 di 294
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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
58	SISMAVA	LinStatic	-3,71E-07	0	0,001754	0	4,109E-06	0
58	LM71SVB	LinStatic	1,077E-07	0	-0,000353	0	-1,373E-06	0
58	SW2SVB	LinStatic	8,863E-08	0	-0,00029	0	-1,13E-06	0
58	SISMAVB	LinStatic	3,71E-07	0	-0,001754	0	-4,109E-06	0
59	PP	LinStatic	-3,443E-07	0	-0,006287	0	-1,288E-06	0
59	REINTSUP	LinStatic	-1,38E-08	0	-0,004131	0	1,7E-05	0
59	BALLAST	LinStatic	-9,371E-09	0	-0,002806	0	1,2E-05	0
59	STERRASX	LinStatic	0,050406	0	0,007883	0	0,005241	0
59	STERRADX	LinStatic	-0,050403	0	-0,007877	0	-0,005285	0
59	TERMP	LinStatic	-7,5E-05	0	-1,3E-05	0	-2,6E-05	0
59	TERMN	LinStatic	0,000225	0	3,9E-05	0	7,7E-05	0
59	GRADTP	LinStatic	-6,395E-07	0	-1,1E-05	0	-5,3E-05	0
59	GRADTN	LinStatic	6,395E-07	0	1,1E-05	0	5,3E-05	0
59	LM71C	LinStatic	-3,962E-08	0	-0,011862	0	4,9E-05	0
59	LM71SX	LinStatic	-0,014001	0	-0,015064	0	-0,006029	0
59	LM71DX	LinStatic	0,014001	0	0,003202	0	0,006079	0
59	STLM71	LinStatic	0,044136	0	0,007639	0	0,005083	0
59	AVVLM71	LinStatic	0,034151	0	0,009304	0	0,006243	0
59	SW2	LinStatic	-3,263E-08	0	-0,009769	0	4,1E-05	0
59	STSW2	LinStatic	0,036362	0	0,006293	0	0,004187	0
59	FRENSW2	LinStatic	0,036212	0	0,009866	0	0,00662	0
59	SERP	LinStatic	0	0	0	0	0	0
59	INCRTER	LinStatic	0,0514	0	0,008896	0	0,005919	0
59	LM71SISO	LinStatic	0,012228	0	0,003332	0	0,002235	0
59	SW2SISO	LinStatic	0,010066	0	0,002743	0	0,00184	0
59	SISMAO	LinStatic	0,051744	0	0,012861	0	0,008627	0
59	LM71SVA	LinStatic	1,178E-09	0	0,000353	0	-1,462E-06	0
59	SW2SVA	LinStatic	9,696E-10	0	0,00029	0	-1,204E-06	0
59	SISMAVA	LinStatic	5,433E-08	0	0,001754	0	-4,124E-06	0
59	LM71SVB	LinStatic	-1,178E-09	0	-0,000353	0	1,462E-06	0
59	SW2SVB	LinStatic	-9,696E-10	0	-0,00029	0	1,204E-06	0
59	SISMAVB	LinStatic	-5,433E-08	0	-0,001754	0	4,124E-06	0
60	PP	LinStatic	-3,271E-07	0	-0,006287	0	-3,106E-06	0
60	REINTSUP	LinStatic	-1,31E-08	0	-0,004132	0	1,8E-05	0
60	BALLAST	LinStatic	-8,902E-09	0	-0,002807	0	1,2E-05	0
60	STERRASX	LinStatic	0,050406	0	0,00749	0	0,00524	0
60	STERRADX	LinStatic	-0,050403	0	-0,007481	0	-0,005277	0
60	TERMP	LinStatic	-7,1E-05	0	-1,1E-05	0	-2,4E-05	0
60	TERMN	LinStatic	0,000213	0	3,4E-05	0	7,3E-05	0
60	GRADTP	LinStatic	-6,075E-07	0	-7,253E-06	0	-4,8E-05	0
60	GRADTN	LinStatic	6,075E-07	0	7,253E-06	0	4,8E-05	0
60	LM71C	LinStatic	-3,764E-08	0	-0,011866	0	5,1E-05	0
60	LM71SX	LinStatic	-0,014001	0	-0,014613	0	-0,006027	0
60	LM71DX	LinStatic	0,014001	0	0,002746	0	0,006078	0
60	STLM71	LinStatic	0,044136	0	0,007257	0	0,005082	0
60	AVVLM71	LinStatic	0,034151	0	0,008837	0	0,006234	0
60	SW2	LinStatic	-3,1E-08	0	-0,009773	0	4,2E-05	0
60	STSW2	LinStatic	0,036362	0	0,005979	0	0,004187	0
60	FRENSW2	LinStatic	0,036212	0	0,00937	0	0,00661	0
60	SERP	LinStatic	0	0	0	0	0	0
60	INCRTER	LinStatic	0,0514	0	0,008452	0	0,005918	0
60	LM71SISO	LinStatic	0,012228	0	0,003164	0	0,002232	0
60	SW2SISO	LinStatic	0,010066	0	0,002605	0	0,001838	0
60	SISMAO	LinStatic	0,051744	0	0,012215	0	0,008615	0
60	LM71SVA	LinStatic	1,119E-09	0	0,000353	0	-1,512E-06	0
60	SW2SVA	LinStatic	9,21E-10	0	0,00029	0	-1,245E-06	0
60	SISMAVA	LinStatic	5,161E-08	0	0,001754	0	-4,003E-06	0
60	LM71SVB	LinStatic	-1,119E-09	0	-0,000353	0	1,512E-06	0
60	SW2SVB	LinStatic	-9,21E-10	0	-0,00029	0	1,245E-06	0
60	SISMAVB	LinStatic	-5,161E-08	0	-0,001754	0	4,003E-06	0
61	PP	LinStatic	-3,098E-07	0	-0,006287	0	-4,974E-06	0
61	REINTSUP	LinStatic	-1,242E-08	0	-0,004134	0	1,7E-05	0
61	BALLAST	LinStatic	-8,434E-09	0	-0,002808	0	1,2E-05	0
61	STERRASX	LinStatic	0,050406	0	0,007097	0	0,00524	0
61	STERRADX	LinStatic	-0,050403	0	-0,007086	0	-0,00527	0
61	TERMP	LinStatic	-6,7E-05	0	-9,417E-06	0	-2,3E-05	0
61	TERMN	LinStatic	0,000202	0	2,8E-05	0	6,9E-05	0
61	GRADTP	LinStatic	-5,756E-07	0	-3,967E-06	0	-4,2E-05	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
272 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
61	GRADTN	LinStatic	5,756E-07	0	3,967E-06	0	4,2E-05	0
61	LM71C	LinStatic	-3,566E-08	0	-0,011871	0	5E-05	0
61	LM71SX	LinStatic	-0,014001	0	-0,014162	0	-0,006027	0
61	LM71DX	LinStatic	0,014001	0	0,002291	0	0,006078	0
61	STLM71	LinStatic	0,044136	0	0,006876	0	0,005081	0
61	AVVLM71	LinStatic	0,034151	0	0,00837	0	0,006226	0
61	SW2	LinStatic	-2,937E-08	0	-0,009777	0	4,1E-05	0
61	STSW2	LinStatic	0,036362	0	0,005665	0	0,004186	0
61	FRENSW2	LinStatic	0,036212	0	0,008875	0	0,006602	0
61	SERP	LinStatic	0	0	0	0	0	0
61	INCRTER	LinStatic	0,0514	0	0,008008	0	0,005917	0
61	LM71SISO	LinStatic	0,012228	0	0,002997	0	0,002229	0
61	SW2SISO	LinStatic	0,010066	0	0,002467	0	0,001835	0
61	SISMAO	LinStatic	0,051744	0	0,01157	0	0,008604	0
61	LM71SVA	LinStatic	1,06E-09	0	0,000353	0	-1,49E-06	0
61	SW2SVA	LinStatic	8,726E-10	0	0,000291	0	-1,226E-06	0
61	SISMAVA	LinStatic	4,89E-08	0	0,001755	0	-3,661E-06	0
61	LM71SVB	LinStatic	-1,06E-09	0	-0,000353	0	1,49E-06	0
61	SW2SVB	LinStatic	-8,726E-10	0	-0,000291	0	1,226E-06	0
61	SISMAVB	LinStatic	-4,89E-08	0	-0,001755	0	3,661E-06	0
62	PP	LinStatic	-1,859E-07	0	-0,006281	0	-1,6E-05	0
62	REINTSUP	LinStatic	-7,45E-09	0	-0,00414	0	9,451E-07	0
62	BALLAST	LinStatic	-5,06E-09	0	-0,002812	0	6,419E-07	0
62	STERRASX	LinStatic	0,050405	0	0,004267	0	0,005248	0
62	STERRADX	LinStatic	-0,050403	0	-0,004251	0	-0,005244	0
62	TERMP	LinStatic	-4E-05	0	5,722E-07	0	-1,4E-05	0
62	TERMN	LinStatic	0,000121	0	-1,717E-06	0	4,2E-05	0
62	GRADTP	LinStatic	-3,453E-07	0	9,587E-06	0	-1,3E-05	0
62	GRADTN	LinStatic	3,453E-07	0	-9,587E-06	0	1,3E-05	0
62	LM71C	LinStatic	-2,139E-08	0	-0,011889	0	2,714E-06	0
62	LM71SX	LinStatic	-0,014001	0	-0,010898	0	-0,006082	0
62	LM71DX	LinStatic	0,014001	0	-0,000992	0	0,006084	0
62	STLM71	LinStatic	0,044135	0	0,004133	0	0,005085	0
62	AVVLM71	LinStatic	0,034152	0	0,005021	0	0,006192	0
62	SW2	LinStatic	-1,762E-08	0	-0,009792	0	2,235E-06	0
62	STSW2	LinStatic	0,036361	0	0,003405	0	0,004189	0
62	FRENSW2	LinStatic	0,036212	0	0,005324	0	0,006566	0
62	SERP	LinStatic	0	0	0	0	0	0
62	INCRTER	LinStatic	0,051399	0	0,004813	0	0,005921	0
62	LM71SISO	LinStatic	0,012228	0	0,001798	0	0,002217	0
62	SW2SISO	LinStatic	0,010066	0	0,00148	0	0,001825	0
62	SISMAO	LinStatic	0,051744	0	0,00694	0	0,00856	0
62	LM71SVA	LinStatic	6,36E-10	0	0,000353	0	-8,069E-08	0
62	SW2SVA	LinStatic	5,236E-10	0	0,000291	0	-6,642E-08	0
62	SISMAVA	LinStatic	2,934E-08	0	0,001756	0	2,125E-06	0
62	LM71SVB	LinStatic	-6,36E-10	0	-0,000353	0	8,069E-08	0
62	SW2SVB	LinStatic	-5,236E-10	0	-0,000291	0	6,642E-08	0
62	SISMAVB	LinStatic	-2,934E-08	0	-0,001756	0	-2,125E-06	0
63	PP	LinStatic	-6,197E-08	0	-0,006271	0	-1,2E-05	0
63	REINTSUP	LinStatic	-2,483E-09	0	-0,004135	0	-1E-05	0
63	BALLAST	LinStatic	-1,687E-09	0	-0,002809	0	-6,871E-06	0
63	STERRASX	LinStatic	0,050404	0	0,001428	0	0,005269	0
63	STERRADX	LinStatic	-0,050403	0	-0,001418	0	-0,00526	0
63	TERMP	LinStatic	-1,3E-05	0	5,596E-06	0	-4,663E-06	0
63	TERMN	LinStatic	4E-05	0	-1,7E-05	0	1,4E-05	0
63	GRADTP	LinStatic	-1,151E-07	0	1,2E-05	0	-2,06E-07	0
63	GRADTN	LinStatic	1,151E-07	0	-1,2E-05	0	2,06E-07	0
63	LM71C	LinStatic	-7,131E-09	0	-0,011875	0	-2,9E-05	0
63	LM71SX	LinStatic	-0,014001	0	-0,007593	0	-0,006137	0
63	LM71DX	LinStatic	0,014001	0	-0,004282	0	0,006108	0
63	STLM71	LinStatic	0,044134	0	0,001383	0	0,005104	0
63	AVVLM71	LinStatic	0,034151	0	0,001677	0	0,006205	0
63	SW2	LinStatic	-5,873E-09	0	-0,00978	0	-2,4E-05	0
63	STSW2	LinStatic	0,03636	0	0,00114	0	0,004205	0
63	FRENSW2	LinStatic	0,036212	0	0,001778	0	0,006579	0
63	SERP	LinStatic	0	0	0	0	0	0
63	INCRTER	LinStatic	0,051398	0	0,001611	0	0,005944	0
63	LM71SISO	LinStatic	0,012228	0	0,000601	0	0,002222	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
273 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
63	SW2SISO	LinStatic	0,010066	0	0,000494	0	0,001829	0
63	SISMAO	LinStatic	0,051744	0	0,002318	0	0,008577	0
63	LM71SVA	LinStatic	2,12E-10	0	0,000353	0	8,636E-07	0
63	SW2SVA	LinStatic	1,745E-10	0	0,000291	0	7,11E-07	0
63	SISMAVA	LinStatic	9,779E-09	0	0,001753	0	4,346E-06	0
63	LM71SVB	LinStatic	-2,12E-10	0	-0,000353	0	-8,636E-07	0
63	SW2SVB	LinStatic	-1,745E-10	0	-0,000291	0	-7,11E-07	0
63	SISMAVB	LinStatic	-9,779E-09	0	-0,001753	0	-4,346E-06	0
64	PP	LinStatic	-3,443E-08	0	-0,006269	0	-7,904E-06	0
64	REINTSUP	LinStatic	-1,38E-09	0	-0,004134	0	-7,455E-06	0
64	BALLAST	LinStatic	-9,37E-10	0	-0,002808	0	-5,064E-06	0
64	STERRASX	LinStatic	0,050404	0	0,000796	0	0,005275	0
64	STERRADX	LinStatic	-0,050403	0	-0,000787	0	-0,005269	0
64	TERMP	LinStatic	-7,484E-06	0	6,034E-06	0	-2,594E-06	0
64	TERMN	LinStatic	2,2E-05	0	-1,8E-05	0	7,782E-06	0
64	GRADTP	LinStatic	-6,395E-08	0	1,2E-05	0	3,96E-07	0
64	GRADTN	LinStatic	6,395E-08	0	-1,2E-05	0	-3,96E-07	0
64	LM71C	LinStatic	-3,962E-09	0	-0,011871	0	-2,1E-05	0
64	LM71SX	LinStatic	-0,014001	0	-0,006855	0	-0,006137	0
64	LM71DX	LinStatic	0,014001	0	-0,005015	0	0,006116	0
64	STLM71	LinStatic	0,044134	0	0,000771	0	0,005111	0
64	AVVLM71	LinStatic	0,034151	0	0,000933	0	0,006214	0
64	SW2	LinStatic	-3,263E-09	0	-0,009777	0	-1,8E-05	0
64	STSW2	LinStatic	0,03636	0	0,000635	0	0,004211	0
64	FRENSW2	LinStatic	0,036212	0	0,000989	0	0,006589	0
64	SERP	LinStatic	0	0	0	0	0	0
64	INCRTER	LinStatic	0,051397	0	0,000898	0	0,005952	0
64	LM71SISO	LinStatic	0,012228	0	0,000334	0	0,002225	0
64	SW2SISO	LinStatic	0,010066	0	0,000275	0	0,001832	0
64	SISMAO	LinStatic	0,051744	0	0,001289	0	0,008589	0
64	LM71SVA	LinStatic	1,178E-10	0	0,000353	0	6,365E-07	0
64	SW2SVA	LinStatic	9,696E-11	0	0,000291	0	5,24E-07	0
64	SISMAVA	LinStatic	5,433E-09	0	0,001752	0	3,029E-06	0
64	LM71SVB	LinStatic	-1,178E-10	0	-0,000353	0	-6,365E-07	0
64	SW2SVB	LinStatic	-9,696E-11	0	-0,000291	0	-5,24E-07	0
64	SISMAVB	LinStatic	-5,433E-09	0	-0,001752	0	-3,029E-06	0
65	PP	LinStatic	-1,721E-08	0	-0,006269	0	-4,299E-06	0
65	REINTSUP	LinStatic	-6,897E-10	0	-0,004133	0	-4,352E-06	0
65	BALLAST	LinStatic	-4,685E-10	0	-0,002807	0	-2,956E-06	0
65	STERRASX	LinStatic	0,050404	0	0,0004	0	0,00528	0
65	STERRADX	LinStatic	-0,050403	0	-0,000392	0	-0,005276	0
65	TERMP	LinStatic	-3,742E-06	0	6,179E-06	0	-1,298E-06	0
65	TERMN	LinStatic	1,1E-05	0	-1,9E-05	0	3,894E-06	0
65	GRADTP	LinStatic	-3,198E-08	0	1,1E-05	0	3,576E-07	0
65	GRADTN	LinStatic	3,198E-08	0	-1,1E-05	0	-3,576E-07	0
65	LM71C	LinStatic	-1,981E-09	0	-0,011869	0	-1,2E-05	0
65	LM71SX	LinStatic	-0,014001	0	-0,006394	0	-0,006134	0
65	LM71DX	LinStatic	0,014001	0	-0,005474	0	0,006121	0
65	STLM71	LinStatic	0,044133	0	0,000387	0	0,005115	0
65	AVVLM71	LinStatic	0,034151	0	0,000467	0	0,00622	0
65	SW2	LinStatic	-1,631E-09	0	-0,009775	0	-1E-05	0
65	STSW2	LinStatic	0,03636	0	0,000319	0	0,004214	0
65	FRENSW2	LinStatic	0,036212	0	0,000495	0	0,006596	0
65	SERP	LinStatic	0	0	0	0	0	0
65	INCRTER	LinStatic	0,051397	0	0,000451	0	0,005957	0
65	LM71SISO	LinStatic	0,012228	0	0,000167	0	0,002227	0
65	SW2SISO	LinStatic	0,010066	0	0,000138	0	0,001834	0
65	SISMAO	LinStatic	0,051744	0	0,000645	0	0,008598	0
65	LM71SVA	LinStatic	5,889E-11	0	0,000353	0	3,715E-07	0
65	SW2SVA	LinStatic	4,848E-11	0	0,00029	0	3,058E-07	0
65	SISMAVA	LinStatic	2,716E-09	0	0,001752	0	1,722E-06	0
65	LM71SVB	LinStatic	-5,889E-11	0	-0,000353	0	-3,715E-07	0
65	SW2SVB	LinStatic	-4,848E-11	0	-0,00029	0	-3,058E-07	0
65	SISMAVB	LinStatic	-2,716E-09	0	-0,001752	0	-1,722E-06	0
66	PP	LinStatic	1,042E-13	0	-0,006268	0	4,415E-14	0
66	REINTSUP	LinStatic	6,845E-14	0	-0,004132	0	2,9E-14	0
66	BALLAST	LinStatic	4,649E-14	0	-0,002807	0	1,97E-14	0
66	STERRASX	LinStatic	0,050404	0	3,898E-06	0	0,005284	0

Doc. N.	Progetto INOR	Lotto 12	Codifica Documento E E2 CL IN87 00 001	Rev. A	Foglio 274 di 294
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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
66	STERRADX	LinStatic	-0,050404	0	3,898E-06	0	-0,005284	0
66	TERMP	LinStatic	1,744E-15	0	6,228E-06	0	3,586E-16	0
66	TERMN	LinStatic	-5,416E-15	0	-1,9E-05	0	-1,109E-15	0
66	GRADTP	LinStatic	1,096E-16	0	1,1E-05	0	6,464E-17	0
66	GRADTN	LinStatic	-1,096E-16	0	-1,1E-05	0	-6,464E-17	0
66	LM71C	LinStatic	1,966E-13	0	-0,011867	0	8,329E-14	0
66	LM71SX	LinStatic	-0,014001	0	-0,005933	0	-0,006127	0
66	LM71DX	LinStatic	0,014001	0	-0,005933	0	0,006127	0
66	STLM71	LinStatic	0,044133	0	3,604E-06	0	0,00512	0
66	AVVLM71	LinStatic	0,034151	0	-3,248E-14	0	0,006228	0
66	SW2	LinStatic	1,619E-13	0	-0,009773	0	6,859E-14	0
66	STSW2	LinStatic	0,036359	0	2,969E-06	0	0,004218	0
66	FRENSW2	LinStatic	0,036212	0	-3,444E-14	0	0,006604	0
66	SERP	LinStatic	0	0	0	0	0	0
66	INCRTER	LinStatic	0,051397	0	4,197E-06	0	0,005963	0
66	LM71SISO	LinStatic	0,012228	0	-1,163E-14	0	0,00223	0
66	SW2SISO	LinStatic	0,010066	0	-9,574E-15	0	0,001836	0
66	SISMAO	LinStatic	0,051744	0	-4,509E-14	0	0,008608	0
66	LM71SVA	LinStatic	-5,844E-15	0	0,000353	0	-2,476E-15	0
66	SW2SVA	LinStatic	-4,811E-15	0	0,00029	0	-2,038E-15	0
66	SISMAVA	LinStatic	-2,906E-14	0	0,001752	0	-1,232E-14	0
66	LM71SVB	LinStatic	5,844E-15	0	-0,000353	0	2,476E-15	0
66	SW2SVB	LinStatic	4,811E-15	0	-0,00029	0	2,038E-15	0
66	SISMAVB	LinStatic	2,906E-14	0	-0,001752	0	1,232E-14	0
67	PP	LinStatic	1,721E-08	0	-0,006269	0	4,299E-06	0
67	REINTSUP	LinStatic	6,899E-10	0	-0,004133	0	4,352E-06	0
67	BALLAST	LinStatic	4,686E-10	0	-0,002807	0	2,956E-06	0
67	STERRASX	LinStatic	0,050403	0	-0,000392	0	0,005276	0
67	STERRADX	LinStatic	-0,050404	0	0,0004	0	-0,00528	0
67	TERMP	LinStatic	3,742E-06	0	6,179E-06	0	1,298E-06	0
67	TERMN	LinStatic	-1,1E-05	0	-1,9E-05	0	-3,894E-06	0
67	GRADTP	LinStatic	3,198E-08	0	1,1E-05	0	-3,576E-07	0
67	GRADTN	LinStatic	-3,198E-08	0	-1,1E-05	0	3,576E-07	0
67	LM71C	LinStatic	1,981E-09	0	-0,011869	0	1,2E-05	0
67	LM71SX	LinStatic	-0,014001	0	-0,005474	0	-0,006121	0
67	LM71DX	LinStatic	0,014001	0	-0,006394	0	0,006134	0
67	STLM71	LinStatic	0,044133	0	-0,00038	0	0,005113	0
67	AVVLM71	LinStatic	0,034151	0	-0,000467	0	0,00622	0
67	SW2	LinStatic	1,632E-09	0	-0,009775	0	1E-05	0
67	STSW2	LinStatic	0,036359	0	-0,00313	0	0,004212	0
67	FRENSW2	LinStatic	0,036212	0	-0,000495	0	0,006596	0
67	SERP	LinStatic	0	0	0	0	0	0
67	INCRTER	LinStatic	0,051397	0	-0,000442	0	0,005954	0
67	LM71SISO	LinStatic	0,012228	0	-0,000167	0	0,002227	0
67	SW2SISO	LinStatic	0,010066	0	-0,000138	0	0,001834	0
67	SISMAO	LinStatic	0,051744	0	-0,000645	0	0,008598	0
67	LM71SVA	LinStatic	-5,89E-11	0	0,000353	0	-3,715E-07	0
67	SW2SVA	LinStatic	-4,849E-11	0	0,00029	0	-3,058E-07	0
67	SISMAVA	LinStatic	-2,717E-09	0	0,001752	0	-1,722E-06	0
67	LM71SVB	LinStatic	5,89E-11	0	-0,000353	0	3,715E-07	0
67	SW2SVB	LinStatic	4,849E-11	0	-0,00029	0	3,058E-07	0
67	SISMAVB	LinStatic	2,717E-09	0	-0,001752	0	1,722E-06	0
68	PP	LinStatic	3,443E-08	0	-0,006269	0	7,904E-06	0
68	REINTSUP	LinStatic	1,38E-09	0	-0,004134	0	7,455E-06	0
68	BALLAST	LinStatic	9,371E-10	0	-0,002808	0	5,064E-06	0
68	STERRASX	LinStatic	0,050403	0	-0,000787	0	0,005269	0
68	STERRADX	LinStatic	-0,050404	0	0,000796	0	-0,005275	0
68	TERMP	LinStatic	7,484E-06	0	6,033E-06	0	2,594E-06	0
68	TERMN	LinStatic	-2,2E-05	0	-1,8E-05	0	-7,782E-06	0
68	GRADTP	LinStatic	6,395E-08	0	1,2E-05	0	-3,96E-07	0
68	GRADTN	LinStatic	-6,395E-08	0	-1,2E-05	0	3,96E-07	0
68	LM71C	LinStatic	3,962E-09	0	-0,011871	0	2,1E-05	0
68	LM71SX	LinStatic	-0,014001	0	-0,005015	0	-0,006116	0
68	LM71DX	LinStatic	0,014001	0	-0,006855	0	0,006137	0
68	STLM71	LinStatic	0,044133	0	-0,000763	0	0,005106	0
68	AVVLM71	LinStatic	0,034151	0	-0,000933	0	0,006214	0
68	SW2	LinStatic	3,263E-09	0	-0,009777	0	1,8E-05	0
68	STSW2	LinStatic	0,036359	0	-0,000629	0	0,004207	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
275 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
68	FRENSW2	LinStatic	0,036212	0	-0,000989	0	0,006589	0
68	SERP	LinStatic	0	0	0	0	0	0
68	INCRTER	LinStatic	0,051397	0	-0,000888	0	0,005947	0
68	LM71SISO	LinStatic	0,012228	0	-0,000334	0	0,002225	0
68	SW2SISO	LinStatic	0,010066	0	-0,000275	0	0,001832	0
68	SISMAO	LinStatic	0,051744	0	-0,001289	0	0,008589	0
68	LM71SVA	LinStatic	-1,178E-10	0	0,000353	0	-6,365E-07	0
68	SW2SVA	LinStatic	-9,697E-11	0	0,000291	0	-5,24E-07	0
68	SISMAVA	LinStatic	-5,433E-09	0	0,001752	0	-3,029E-06	0
68	LM71SVB	LinStatic	1,178E-10	0	-0,000353	0	6,365E-07	0
68	SW2SVB	LinStatic	9,697E-11	0	-0,000291	0	5,24E-07	0
68	SISMAVB	LinStatic	5,433E-09	0	-0,001752	0	3,029E-06	0
69	PP	LinStatic	6,197E-08	0	-0,006271	0	1,2E-05	0
69	REINTSUP	LinStatic	2,483E-09	0	-0,004135	0	1E-05	0
69	BALLAST	LinStatic	1,687E-09	0	-0,002809	0	6,871E-06	0
69	STERRASX	LinStatic	0,050403	0	-0,001418	0	0,00526	0
69	STERRADX	LinStatic	-0,050404	0	0,001428	0	-0,005269	0
69	TERMP	LinStatic	1,3E-05	0	5,596E-06	0	4,663E-06	0
69	TERMN	LinStatic	-4E-05	0	-1,7E-05	0	-1,4E-05	0
69	GRADTP	LinStatic	1,151E-07	0	1,2E-05	0	2,06E-07	0
69	GRADTN	LinStatic	-1,151E-07	0	-1,2E-05	0	-2,06E-07	0
69	LM71C	LinStatic	7,131E-09	0	-0,011875	0	2,9E-05	0
69	LM71SX	LinStatic	-0,014001	0	-0,004282	0	-0,006108	0
69	LM71DX	LinStatic	0,014001	0	-0,007593	0	0,006137	0
69	STLM71	LinStatic	0,044133	0	-0,001375	0	0,005097	0
69	AVVLM71	LinStatic	0,034151	0	-0,001677	0	0,006205	0
69	SW2	LinStatic	5,873E-09	0	-0,00978	0	2,4E-05	0
69	STSW2	LinStatic	0,036359	0	-0,001133	0	0,004199	0
69	FRENSW2	LinStatic	0,036212	0	-0,001778	0	0,006579	0
69	SERP	LinStatic	0	0	0	0	0	0
69	INCRTER	LinStatic	0,051397	0	-0,001601	0	0,005936	0
69	LM71SISO	LinStatic	0,012228	0	-0,000601	0	0,002222	0
69	SW2SISO	LinStatic	0,010066	0	-0,000494	0	0,001829	0
69	SISMAO	LinStatic	0,051744	0	-0,002318	0	0,008577	0
69	LM71SVA	LinStatic	-2,12E-10	0	0,000353	0	-8,636E-07	0
69	SW2SVA	LinStatic	-1,745E-10	0	0,000291	0	-7,11E-07	0
69	SISMAVA	LinStatic	-9,779E-09	0	0,001753	0	-4,346E-06	0
69	LM71SVB	LinStatic	2,12E-10	0	-0,000353	0	8,636E-07	0
69	SW2SVB	LinStatic	1,745E-10	0	-0,000291	0	7,11E-07	0
69	SISMAVB	LinStatic	9,779E-09	0	-0,001753	0	4,346E-06	0
70	PP	LinStatic	1,859E-07	0	-0,006281	0	1,6E-05	0
70	REINTSUP	LinStatic	7,45E-09	0	-0,00414	0	-9,451E-07	0
70	BALLAST	LinStatic	5,06E-09	0	-0,002812	0	-6,419E-07	0
70	STERRASX	LinStatic	0,050403	0	-0,004251	0	0,005244	0
70	STERRADX	LinStatic	-0,050405	0	0,004267	0	-0,005248	0
70	TERMP	LinStatic	4E-05	0	5,722E-07	0	1,4E-05	0
70	TERMN	LinStatic	-0,000121	0	-1,717E-06	0	-4,2E-05	0
70	GRADTP	LinStatic	3,453E-07	0	9,587E-06	0	1,3E-05	0
70	GRADTN	LinStatic	-3,453E-07	0	-9,587E-06	0	-1,3E-05	0
70	LM71C	LinStatic	2,139E-08	0	-0,011889	0	-2,714E-06	0
70	LM71SX	LinStatic	-0,014001	0	-0,000992	0	-0,006084	0
70	LM71DX	LinStatic	0,014001	0	-0,010898	0	0,006082	0
70	STLM71	LinStatic	0,044133	0	-0,00412	0	0,005082	0
70	AVVLM71	LinStatic	0,034152	0	-0,005021	0	0,006192	0
70	SW2	LinStatic	1,762E-08	0	-0,009792	0	-2,235E-06	0
70	STSW2	LinStatic	0,036359	0	-0,003394	0	0,004187	0
70	FRENSW2	LinStatic	0,036212	0	-0,005324	0	0,006566	0
70	SERP	LinStatic	0	0	0	0	0	0
70	INCRTER	LinStatic	0,051396	0	-0,004798	0	0,005919	0
70	LM71SISO	LinStatic	0,012228	0	-0,001798	0	0,002217	0
70	SW2SISO	LinStatic	0,010066	0	-0,00148	0	0,001825	0
70	SISMAO	LinStatic	0,051744	0	-0,00694	0	0,00856	0
70	LM71SVA	LinStatic	-6,36E-10	0	0,000353	0	8,069E-08	0
70	SW2SVA	LinStatic	-5,236E-10	0	0,000291	0	6,642E-08	0
70	SISMAVA	LinStatic	-2,934E-08	0	0,001756	0	-2,125E-06	0
70	LM71SVB	LinStatic	6,36E-10	0	-0,000353	0	-8,069E-08	0
70	SW2SVB	LinStatic	5,236E-10	0	-0,000291	0	-6,642E-08	0
70	SISMAVB	LinStatic	2,934E-08	0	-0,001756	0	2,125E-06	0

Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
276 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
71	PP	LinStatic	3,098E-07	0	-0,006287	0	4,974E-06	0
71	REINTSUP	LinStatic	1,242E-08	0	-0,004134	0	-1,7E-05	0
71	BALLAST	LinStatic	8,434E-09	0	-0,002808	0	-1,2E-05	0
71	STERRASX	LinStatic	0,050403	0	-0,007086	0	0,00527	0
71	STERRADX	LinStatic	-0,050406	0	0,007097	0	-0,00524	0
71	TERMP	LinStatic	6,7E-05	0	-9,417E-06	0	2,3E-05	0
71	TERMN	LinStatic	-0,000202	0	2,8E-05	0	-6,9E-05	0
71	GRADTP	LinStatic	5,756E-07	0	-3,967E-06	0	4,2E-05	0
71	GRADTN	LinStatic	-5,756E-07	0	3,967E-06	0	-4,2E-05	0
71	LM71C	LinStatic	3,566E-08	0	-0,011871	0	-5E-05	0
71	LM71SX	LinStatic	-0,014001	0	0,002291	0	-0,006078	0
71	LM71DX	LinStatic	0,014001	0	-0,014162	0	0,006027	0
71	STLM71	LinStatic	0,044132	0	-0,006868	0	0,005108	0
71	AVVLM71	LinStatic	0,034151	0	-0,00837	0	0,006226	0
71	SW2	LinStatic	2,937E-08	0	-0,009777	0	-4,1E-05	0
71	STSW2	LinStatic	0,036359	0	-0,005658	0	0,004208	0
71	FRENSW2	LinStatic	0,036212	0	-0,008875	0	0,006602	0
71	SERP	LinStatic	0	0	0	0	0	0
71	INCRTER	LinStatic	0,051396	0	-0,007998	0	0,005949	0
71	LM71SISO	LinStatic	0,012228	0	-0,002997	0	0,002229	0
71	SW2SISO	LinStatic	0,010066	0	-0,002467	0	0,001835	0
71	SISMAO	LinStatic	0,051744	0	-0,01157	0	0,008604	0
71	LM71SVA	LinStatic	-1,06E-09	0	0,000353	0	1,49E-06	0
71	SW2SVA	LinStatic	-8,727E-10	0	0,000291	0	1,226E-06	0
71	SISMAVA	LinStatic	-4,89E-08	0	0,001755	0	3,661E-06	0
71	LM71SVB	LinStatic	1,06E-09	0	-0,000353	0	-1,49E-06	0
71	SW2SVB	LinStatic	8,727E-10	0	-0,000291	0	-1,226E-06	0
71	SISMAVB	LinStatic	4,89E-08	0	-0,001755	0	-3,661E-06	0
72	PP	LinStatic	3,271E-07	0	-0,006287	0	3,106E-06	0
72	REINTSUP	LinStatic	1,311E-08	0	-0,004132	0	-1,8E-05	0
72	BALLAST	LinStatic	8,902E-09	0	-0,002807	0	-1,2E-05	0
72	STERRASX	LinStatic	0,050403	0	-0,007481	0	0,005277	0
72	STERRADX	LinStatic	-0,050406	0	0,00749	0	-0,00524	0
72	TERMP	LinStatic	7,1E-05	0	-1,1E-05	0	2,4E-05	0
72	TERMN	LinStatic	-0,000213	0	3,4E-05	0	-7,3E-05	0
72	GRADTP	LinStatic	6,075E-07	0	-7,253E-06	0	4,8E-05	0
72	GRADTN	LinStatic	-6,075E-07	0	7,253E-06	0	-4,8E-05	0
72	LM71C	LinStatic	3,764E-08	0	-0,011866	0	-5,1E-05	0
72	LM71SX	LinStatic	-0,014001	0	0,002746	0	-0,006078	0
72	LM71DX	LinStatic	0,014001	0	-0,014613	0	0,006027	0
72	STLM71	LinStatic	0,044132	0	-0,007251	0	0,005115	0
72	AVVLM71	LinStatic	0,034151	0	-0,00837	0	0,006234	0
72	SW2	LinStatic	3,1E-08	0	-0,009773	0	-4,2E-05	0
72	STSW2	LinStatic	0,036359	0	-0,005974	0	0,004214	0
72	FRENSW2	LinStatic	0,036212	0	-0,00937	0	0,00661	0
72	SERP	LinStatic	0	0	0	0	0	0
72	INCRTER	LinStatic	0,051396	0	-0,008444	0	0,005957	0
72	LM71SISO	LinStatic	0,012228	0	-0,003164	0	0,002232	0
72	SW2SISO	LinStatic	0,010066	0	-0,002605	0	0,001838	0
72	SISMAO	LinStatic	0,051744	0	-0,012215	0	0,008615	0
72	LM71SVA	LinStatic	-1,119E-09	0	0,000353	0	1,512E-06	0
72	SW2SVA	LinStatic	-9,211E-10	0	0,00029	0	1,245E-06	0
72	SISMAVA	LinStatic	-5,161E-08	0	0,001754	0	4,003E-06	0
72	LM71SVB	LinStatic	1,119E-09	0	-0,000353	0	-1,512E-06	0
72	SW2SVB	LinStatic	9,211E-10	0	-0,00029	0	-1,245E-06	0
72	SISMAVB	LinStatic	5,161E-08	0	-0,001754	0	-4,003E-06	0
73	PP	LinStatic	3,443E-07	0	-0,006287	0	1,288E-06	0
73	REINTSUP	LinStatic	1,38E-08	0	-0,004131	0	-1,7E-05	0
73	BALLAST	LinStatic	9,371E-09	0	-0,002806	0	-1,2E-05	0
73	STERRASX	LinStatic	0,050403	0	-0,007877	0	0,005285	0
73	STERRADX	LinStatic	-0,050406	0	0,007883	0	-0,005241	0
73	TERMP	LinStatic	7,5E-05	0	-1,3E-05	0	2,6E-05	0
73	TERMN	LinStatic	-0,000225	0	3,9E-05	0	-7,7E-05	0
73	GRADTP	LinStatic	6,395E-07	0	-1,1E-05	0	5,3E-05	0
73	GRADTN	LinStatic	-6,395E-07	0	1,1E-05	0	-5,3E-05	0
73	LM71C	LinStatic	3,962E-08	0	-0,011862	0	-4,9E-05	0
73	LM71SX	LinStatic	-0,014001	0	0,003202	0	-0,006079	0
73	LM71DX	LinStatic	0,014001	0	-0,015064	0	0,006029	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
277 di 294

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
73	STLM71	LinStatic	0,044132	0	-0,007634	0	0,005122	0
73	AVVLM71	LinStatic	0,034151	0	-0,009304	0	0,006243	0
73	SW2	LinStatic	3,263E-08	0	-0,009769	0	-4,1E-05	0
73	STSW2	LinStatic	0,036359	0	-0,00629	0	0,00422	0
73	FRENSW2	LinStatic	0,036212	0	-0,009866	0	0,00662	0
73	SERP	LinStatic	0	0	0	0	0	0
73	INCRTER	LinStatic	0,051396	0	-0,008891	0	0,005966	0
73	LM71SISO	LinStatic	0,012228	0	-0,003332	0	0,002235	0
73	SW2SISO	LinStatic	0,010066	0	-0,002743	0	0,00184	0
73	SISMAO	LinStatic	0,051744	0	-0,012861	0	0,008627	0
73	LM71SVA	LinStatic	-1,178E-09	0	0,000353	0	1,462E-06	0
73	SW2SVA	LinStatic	-9,696E-10	0	0,00029	0	1,204E-06	0
73	SISMAVA	LinStatic	-5,433E-08	0	0,001754	0	4,124E-06	0
73	LM71SVB	LinStatic	1,178E-09	0	-0,000353	0	-1,462E-06	0
73	SW2SVB	LinStatic	9,696E-10	0	-0,00029	0	-1,204E-06	0
73	SISMAVB	LinStatic	5,433E-08	0	-0,001754	0	-4,124E-06	0

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
1	PP	LinStatic	-6,988E-06	0	1,178	0	0	0
1	REINTSUP	LinStatic	-2,8E-07	0	0,774	0	0	0
1	BALLAST	LinStatic	-1,902E-07	0	0,526	0	0	0
1	STERRASX	LinStatic	-0,715	0	-1,478	0	0	0
1	STERRADX	LinStatic	0,715	0	1,476	0	0	0
1	TERMP	LinStatic	3,296E-06	0	0,002451	0	0	0
1	TERMN	LinStatic	-9,887E-06	0	-0,007353	0	0	0
1	GRADTP	LinStatic	-1,298E-05	0	0,001871	0	0	0
1	GRADTN	LinStatic	1,298E-05	0	-0,001871	0	0	0
1	LM71C	LinStatic	-8,042E-07	0	2,222	0	0	0
1	LM71SX	LinStatic	3,767E-08	0	2,823	0	0	0
1	LM71DX	LinStatic	-8,418E-07	0	-0,6	0	0	0
1	STLM71	LinStatic	-0,604	0	-1,432	0	0	0
1	AVVLM71	LinStatic	-0,368	0	-1,744	0	0	0
1	SW2	LinStatic	-6,623E-07	0	1,83	0	0	0
1	STSW2	LinStatic	-0,498	0	-1,18	0	0	0
1	FRENSW2	LinStatic	-0,391	0	-1,849	0	0	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	-0,704	0	-1,668	0	0	0
1	LM71SISO	LinStatic	-0,132	0	-0,624	0	0	0
1	SW2SISO	LinStatic	-0,109	0	-0,514	0	0	0
1	SISMAO	LinStatic	-0,594	0	-2,411	0	0	0
1	LM71SVA	LinStatic	2,391E-08	0	-0,066	0	0	0
1	SW2SVA	LinStatic	1,968E-08	0	-0,054	0	0	0
1	SISMAVA	LinStatic	1,103E-06	0	-0,329	0	0	0
1	LM71SVB	LinStatic	-2,391E-08	0	0,066	0	0	0
1	SW2SVB	LinStatic	-1,968E-08	0	0,054	0	0	0
1	SISMAVB	LinStatic	-1,103E-06	0	0,329	0	0	0
2	PP	LinStatic	-1,328E-05	0	2,356	0	0	0
2	REINTSUP	LinStatic	-5,321E-07	0	1,547	0	0	0
2	BALLAST	LinStatic	-3,614E-07	0	1,051	0	0	0
2	STERRASX	LinStatic	-1,43	0	-2,805	0	0	0
2	STERRADX	LinStatic	1,43	0	2,803	0	0	0
2	TERMP	LinStatic	6,262E-06	0	0,00419	0	0	0
2	TERMN	LinStatic	-1,878E-05	0	-0,013	0	0	0
2	GRADTP	LinStatic	-2,466E-05	0	0,00365	0	0	0
2	GRADTN	LinStatic	2,466E-05	0	-0,00365	0	0	0
2	LM71C	LinStatic	-1,528E-06	0	4,443	0	0	0
2	LM71SX	LinStatic	2,963E-08	0	5,472	0	0	0
2	LM71DX	LinStatic	-1,558E-06	0	-1,029	0	0	0
2	STLM71	LinStatic	-1,209	0	-2,718	0	0	0
2	AVVLM71	LinStatic	-0,737	0	-3,312	0	0	0
2	SW2	LinStatic	-1,258E-06	0	3,659	0	0	0
2	STSW2	LinStatic	-0,996	0	-2,239	0	0	0
2	FRENSW2	LinStatic	-0,781	0	-3,511	0	0	0
2	SERP	LinStatic	0	0	0	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
278 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
2	INCRTER	LinStatic	-1,408	0	-3,166	0	0	0
2	LM71SISO	LinStatic	-0,264	0	-1,186	0	0	0
2	SW2SISO	LinStatic	-0,217	0	-0,976	0	0	0
2	SISMAO	LinStatic	-1,189	0	-4,578	0	0	0
2	LM71SVA	LinStatic	4,543E-08	0	-0,132	0	0	0
2	SW2SVA	LinStatic	3,74E-08	0	-0,109	0	0	0
2	SISMAVA	LinStatic	2,095E-06	0	-0,657	0	0	0
2	LM71SVB	LinStatic	-4,543E-08	0	0,132	0	0	0
2	SW2SVB	LinStatic	-3,74E-08	0	0,109	0	0	0
2	SISMAVB	LinStatic	-2,095E-06	0	0,657	0	0	0
3	PP	LinStatic	-1,359E-05	0	2,545	0	0	0
3	REINTSUP	LinStatic	-5,447E-07	0	1,671	0	0	0
3	BALLAST	LinStatic	-3,7E-07	0	1,135	0	0	0
3	STERRASX	LinStatic	-1,545	0	-2,869	0	0	0
3	STERRADX	LinStatic	1,545	0	2,868	0	0	0
3	TERMP	LinStatic	6,41E-06	0	0,003798	0	0	0
3	TERMN	LinStatic	-1,923E-05	0	-0,011	0	0	0
3	GRADTP	LinStatic	-2,525E-05	0	0,003752	0	0	0
3	GRADTN	LinStatic	2,525E-05	0	-0,003752	0	0	0
3	LM71C	LinStatic	-1,564E-06	0	4,8	0	0	0
3	LM71SX	LinStatic	-1,738E-08	0	5,726	0	0	0
3	LM71DX	LinStatic	-1,547E-06	0	-0,927	0	0	0
3	STLM71	LinStatic	-1,306	0	-2,78	0	0	0
3	AVVLM71	LinStatic	-0,796	0	-3,388	0	0	0
3	SW2	LinStatic	-1,288E-06	0	3,953	0	0	0
3	STSW2	LinStatic	-1,076	0	-2,29	0	0	0
3	FRENSW2	LinStatic	-0,844	0	-3,593	0	0	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	-1,521	0	-3,238	0	0	0
3	LM71SISO	LinStatic	-0,285	0	-1,213	0	0	0
3	SW2SISO	LinStatic	-0,235	0	-0,999	0	0	0
3	SISMAO	LinStatic	-1,285	0	-4,684	0	0	0
3	LM71SVA	LinStatic	4,651E-08	0	-0,143	0	0	0
3	SW2SVA	LinStatic	3,828E-08	0	-0,117	0	0	0
3	SISMAVA	LinStatic	2,145E-06	0	-0,71	0	0	0
3	LM71SVB	LinStatic	-4,651E-08	0	0,143	0	0	0
3	SW2SVB	LinStatic	-3,828E-08	0	0,117	0	0	0
3	SISMAVB	LinStatic	-2,145E-06	0	0,71	0	0	0
4	PP	LinStatic	-1,367E-05	0	2,733	0	0	0
4	REINTSUP	LinStatic	-5,476E-07	0	1,795	0	0	0
4	BALLAST	LinStatic	-3,72E-07	0	1,219	0	0	0
4	STERRASX	LinStatic	-1,66	0	-2,881	0	0	0
4	STERRADX	LinStatic	1,66	0	2,881	0	0	0
4	TERMP	LinStatic	6,444E-06	0	0,003226	0	0	0
4	TERMN	LinStatic	-1,933E-05	0	-0,009678	0	0	0
4	GRADTP	LinStatic	-2,538E-05	0	0,003681	0	0	0
4	GRADTN	LinStatic	2,538E-05	0	-0,003681	0	0	0
4	LM71C	LinStatic	-1,573E-06	0	5,155	0	0	0
4	LM71SX	LinStatic	-8,033E-08	0	5,92	0	0	0
4	LM71DX	LinStatic	-1,492E-06	0	-0,765	0	0	0
4	STLM71	LinStatic	-1,404	0	-2,792	0	0	0
4	AVVLM71	LinStatic	-0,856	0	-3,404	0	0	0
4	SW2	LinStatic	-1,295E-06	0	4,246	0	0	0
4	STSW2	LinStatic	-1,156	0	-2,3	0	0	0
4	FRENSW2	LinStatic	-0,907	0	-3,609	0	0	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	-1,635	0	-3,252	0	0	0
4	LM71SISO	LinStatic	-0,306	0	-1,219	0	0	0
4	SW2SISO	LinStatic	-0,252	0	-1,003	0	0	0
4	SISMAO	LinStatic	-1,38	0	-4,705	0	0	0
4	LM71SVA	LinStatic	4,675E-08	0	-0,153	0	0	0
4	SW2SVA	LinStatic	3,849E-08	0	-0,126	0	0	0
4	SISMAVA	LinStatic	2,156E-06	0	-0,762	0	0	0
4	LM71SVB	LinStatic	-4,675E-08	0	0,153	0	0	0
4	SW2SVB	LinStatic	-3,849E-08	0	0,126	0	0	0
4	SISMAVB	LinStatic	-2,156E-06	0	0,762	0	0	0
5	PP	LinStatic	-1,272E-05	0	2,732	0	0	0
5	REINTSUP	LinStatic	-5,098E-07	0	1,794	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
5	BALLAST	LinStatic	-3,463E-07	0	1,219	0	0	0
5	STERRASX	LinStatic	-1,66	0	-2,68	0	0	0
5	STERRADX	LinStatic	1,66	0	2,681	0	0	0
5	TERMP	LinStatic	6E-06	0	0,002429	0	0	0
5	TERMN	LinStatic	-1,8E-05	0	-0,007287	0	0	0
5	GRADTP	LinStatic	-2,363E-05	0	0,003227	0	0	0
5	GRADTN	LinStatic	2,363E-05	0	-0,003227	0	0	0
5	LM71C	LinStatic	-1,464E-06	0	5,153	0	0	0
5	LM71SX	LinStatic	-1,42E-07	0	5,687	0	0	0
5	LM71DX	LinStatic	-1,322E-06	0	-0,534	0	0	0
5	STLM71	LinStatic	-1,404	0	-2,597	0	0	0
5	AVVLM71	LinStatic	-0,856	0	-3,167	0	0	0
5	SW2	LinStatic	-1,206E-06	0	4,244	0	0	0
5	STSW2	LinStatic	-1,156	0	-2,14	0	0	0
5	FRENSW2	LinStatic	-0,907	0	-3,358	0	0	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	-1,635	0	-3,025	0	0	0
5	LM71SISO	LinStatic	-0,306	0	-1,134	0	0	0
5	SW2SISO	LinStatic	-0,252	0	-0,934	0	0	0
5	SISMAO	LinStatic	-1,38	0	-4,378	0	0	0
5	LM71SVA	LinStatic	4,353E-08	0	-0,153	0	0	0
5	SW2SVA	LinStatic	3,583E-08	0	-0,126	0	0	0
5	SISMAVA	LinStatic	2,008E-06	0	-0,762	0	0	0
5	LM71SVB	LinStatic	-4,353E-08	0	0,153	0	0	0
5	SW2SVB	LinStatic	-3,583E-08	0	0,126	0	0	0
5	SISMAVB	LinStatic	-2,008E-06	0	0,762	0	0	0
6	PP	LinStatic	-1,178E-05	0	2,731	0	0	0
6	REINTSUP	LinStatic	-4,721E-07	0	1,794	0	0	0
6	BALLAST	LinStatic	-3,206E-07	0	1,218	0	0	0
6	STERRASX	LinStatic	-1,66	0	-2,479	0	0	0
6	STERRADX	LinStatic	1,66	0	2,48	0	0	0
6	TERMP	LinStatic	5,55E-06	0	0,00169	0	0	0
6	TERMN	LinStatic	-1,667E-05	0	-0,005069	0	0	0
6	GRADTP	LinStatic	-2,188E-05	0	0,002687	0	0	0
6	GRADTN	LinStatic	2,188E-05	0	-0,002687	0	0	0
6	LM71C	LinStatic	-1,356E-06	0	5,151	0	0	0
6	LM71SX	LinStatic	-2,036E-07	0	5,455	0	0	0
6	LM71DX	LinStatic	-1,152E-06	0	-0,303	0	0	0
6	STLM71	LinStatic	-1,404	0	-2,403	0	0	0
6	AVVLM71	LinStatic	-0,856	0	-2,931	0	0	0
6	SW2	LinStatic	-1,116E-06	0	4,243	0	0	0
6	STSW2	LinStatic	-1,156	0	-1,98	0	0	0
6	FRENSW2	LinStatic	-0,907	0	-3,108	0	0	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	-1,635	0	-2,798	0	0	0
6	LM71SISO	LinStatic	-0,306	0	-1,05	0	0	0
6	SW2SISO	LinStatic	-0,252	0	-0,864	0	0	0
6	SISMAO	LinStatic	-1,38	0	-4,051	0	0	0
6	LM71SVA	LinStatic	4,03E-08	0	-0,153	0	0	0
6	SW2SVA	LinStatic	3,318E-08	0	-0,126	0	0	0
6	SISMAVA	LinStatic	1,859E-06	0	-0,762	0	0	0
6	LM71SVB	LinStatic	-4,03E-08	0	0,153	0	0	0
6	SW2SVB	LinStatic	-3,318E-08	0	0,126	0	0	0
6	SISMAVB	LinStatic	-1,859E-06	0	0,762	0	0	0
7	PP	LinStatic	-1,084E-05	0	2,729	0	0	0
7	REINTSUP	LinStatic	-4,343E-07	0	1,793	0	0	0
7	BALLAST	LinStatic	-2,95E-07	0	1,218	0	0	0
7	STERRASX	LinStatic	-1,66	0	-2,279	0	0	0
7	STERRADX	LinStatic	1,66	0	2,281	0	0	0
7	TERMP	LinStatic	5,11E-06	0	0,001009	0	0	0
7	TERMN	LinStatic	-1,533E-05	0	-0,003026	0	0	0
7	GRADTP	LinStatic	-2,013E-05	0	0,002079	0	0	0
7	GRADTN	LinStatic	2,013E-05	0	-0,002079	0	0	0
7	LM71C	LinStatic	-1,247E-06	0	5,15	0	0	0
7	LM71SX	LinStatic	-2,653E-07	0	5,222	0	0	0
7	LM71DX	LinStatic	-9,819E-07	0	-0,072	0	0	0
7	STLM71	LinStatic	-1,404	0	-2,209	0	0	0
7	AVVLM71	LinStatic	-0,856	0	-2,695	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
280 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
7	SW2	LinStatic	-1,027E-06	0	4,241	0	0	0
7	STSW2	LinStatic	-1,156	0	-1,82	0	0	0
7	FRENSW2	LinStatic	-0,907	0	-2,858	0	0	0
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	-1,635	0	-2,573	0	0	0
7	LM71SISO	LinStatic	-0,306	0	-0,965	0	0	0
7	SW2SISO	LinStatic	-0,252	0	-0,794	0	0	0
7	SISMAO	LinStatic	-1,38	0	-3,725	0	0	0
7	LM71SVA	LinStatic	3,708E-08	0	-0,153	0	0	0
7	SW2SVA	LinStatic	3,052E-08	0	-0,126	0	0	0
7	SISMAVA	LinStatic	1,71E-06	0	-0,761	0	0	0
7	LM71SVB	LinStatic	-3,708E-08	0	0,153	0	0	0
7	SW2SVB	LinStatic	-3,052E-08	0	0,126	0	0	0
7	SISMAVB	LinStatic	-1,71E-06	0	0,761	0	0	0
8	PP	LinStatic	-9,895E-06	0	2,728	0	0	0
8	REINTSUP	LinStatic	-3,965E-07	0	1,793	0	0	0
8	BALLAST	LinStatic	-2,693E-07	0	1,218	0	0	0
8	STERRASX	LinStatic	-1,66	0	-2,079	0	0	0
8	STERRADX	LinStatic	1,66	0	2,081	0	0	0
8	TERMP	LinStatic	4,666E-06	0	0,0003853	0	0	0
8	TERMN	LinStatic	-1,4E-05	0	-0,001156	0	0	0
8	GRADTP	LinStatic	-1,838E-05	0	0,001422	0	0	0
8	GRADTN	LinStatic	1,838E-05	0	-0,001422	0	0	0
8	LM71C	LinStatic	-1,139E-06	0	5,149	0	0	0
8	LM71SX	LinStatic	-3,269E-07	0	4,99	0	0	0
8	LM71DX	LinStatic	-8,118E-07	0	0,159	0	0	0
8	STLM71	LinStatic	-1,404	0	-2,016	0	0	0
8	AVVLM71	LinStatic	-0,856	0	-2,46	0	0	0
8	SW2	LinStatic	-9,378E-07	0	4,241	0	0	0
8	STSW2	LinStatic	-1,156	0	-1,661	0	0	0
8	FRENSW2	LinStatic	-0,907	0	-2,608	0	0	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	-1,635	0	-2,348	0	0	0
8	LM71SISO	LinStatic	-0,306	0	-0,881	0	0	0
8	SW2SISO	LinStatic	-0,252	0	-0,725	0	0	0
8	SISMAO	LinStatic	-1,38	0	-3,4	0	0	0
8	LM71SVA	LinStatic	3,385E-08	0	-0,153	0	0	0
8	SW2SVA	LinStatic	2,787E-08	0	-0,126	0	0	0
8	SISMAVA	LinStatic	1,562E-06	0	-0,761	0	0	0
8	LM71SVB	LinStatic	-3,385E-08	0	0,153	0	0	0
8	SW2SVB	LinStatic	-2,787E-08	0	0,126	0	0	0
8	SISMAVB	LinStatic	-1,562E-06	0	0,761	0	0	0
9	PP	LinStatic	-8,953E-06	0	2,728	0	0	0
9	REINTSUP	LinStatic	-3,588E-07	0	1,793	0	0	0
9	BALLAST	LinStatic	-2,437E-07	0	1,218	0	0	0
9	STERRASX	LinStatic	-1,66	0	-1,881	0	0	0
9	STERRADX	LinStatic	1,66	0	1,882	0	0	0
9	TERMP	LinStatic	4,222E-06	0	-0,0001805	0	0	0
9	TERMN	LinStatic	-1,267E-05	0	0,0005414	0	0	0
9	GRADTP	LinStatic	-1,663E-05	0	0,0007312	0	0	0
9	GRADTN	LinStatic	1,663E-05	0	-0,0007312	0	0	0
9	LM71C	LinStatic	-1,03E-06	0	5,148	0	0	0
9	LM71SX	LinStatic	-3,886E-07	0	4,759	0	0	0
9	LM71DX	LinStatic	-6,417E-07	0	0,389	0	0	0
9	STLM71	LinStatic	-1,404	0	-1,823	0	0	0
9	AVVLM71	LinStatic	-0,856	0	-2,225	0	0	0
9	SW2	LinStatic	-8,485E-07	0	4,24	0	0	0
9	STSW2	LinStatic	-1,156	0	-1,502	0	0	0
9	FRENSW2	LinStatic	-0,907	0	-2,359	0	0	0
9	SERP	LinStatic	0	0	0	0	0	0
9	INCRTER	LinStatic	-1,635	0	-2,123	0	0	0
9	LM71SISO	LinStatic	-0,306	0	-0,797	0	0	0
9	SW2SISO	LinStatic	-0,252	0	-0,656	0	0	0
9	SISMAO	LinStatic	-1,38	0	-3,075	0	0	0
9	LM71SVA	LinStatic	3,063E-08	0	-0,153	0	0	0
9	SW2SVA	LinStatic	2,522E-08	0	-0,126	0	0	0
9	SISMAVA	LinStatic	1,413E-06	0	-0,761	0	0	0
9	LM71SVB	LinStatic	-3,063E-08	0	0,153	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
281 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
9	SW2SVB	LinStatic	-2,522E-08	0	0,126	0	0	0
9	SISMAVB	LinStatic	-1,413E-06	0	0,761	0	0	0
10	PP	LinStatic	-8,011E-06	0	2,727	0	0	0
10	REINTSUP	LinStatic	-3,21E-07	0	1,793	0	0	0
10	BALLAST	LinStatic	-2,18E-07	0	1,218	0	0	0
10	STERRASX	LinStatic	-1,66	0	-1,682	0	0	0
10	STERRADX	LinStatic	1,66	0	1,683	0	0	0
10	TERMP	LinStatic	3,778E-06	0	-0,0006888	0	0	0
10	TERMN	LinStatic	-1,133E-05	0	0,002066	0	0	0
10	GRADTP	LinStatic	-1,488E-05	0	2,578E-05	0	0	0
10	GRADTN	LinStatic	1,488E-05	0	-2,578E-05	0	0	0
10	LM71C	LinStatic	-9,218E-07	0	5,148	0	0	0
10	LM71SX	LinStatic	-4,502E-07	0	4,528	0	0	0
10	LM71DX	LinStatic	-4,716E-07	0	0,62	0	0	0
10	STLM71	LinStatic	-1,404	0	-1,631	0	0	0
10	AVVLM71	LinStatic	-0,856	0	-1,99	0	0	0
10	SW2	LinStatic	-7,592E-07	0	4,24	0	0	0
10	STSW2	LinStatic	-1,156	0	-1,343	0	0	0
10	FRENSW2	LinStatic	-0,907	0	-2,11	0	0	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	-1,635	0	-1,899	0	0	0
10	LM71SISO	LinStatic	-0,306	0	-0,713	0	0	0
10	SW2SISO	LinStatic	-0,252	0	-0,587	0	0	0
10	SISMAO	LinStatic	-1,38	0	-2,751	0	0	0
10	LM71SVA	LinStatic	2,741E-08	0	-0,153	0	0	0
10	SW2SVA	LinStatic	2,256E-08	0	-0,126	0	0	0
10	SISMAVA	LinStatic	1,264E-06	0	-0,761	0	0	0
10	LM71SVB	LinStatic	-2,741E-08	0	0,153	0	0	0
10	SW2SVB	LinStatic	-2,256E-08	0	0,126	0	0	0
10	SISMAVB	LinStatic	-1,264E-06	0	0,761	0	0	0
11	PP	LinStatic	-7,068E-06	0	2,726	0	0	0
11	REINTSUP	LinStatic	-2,832E-07	0	1,793	0	0	0
11	BALLAST	LinStatic	-1,924E-07	0	1,218	0	0	0
11	STERRASX	LinStatic	-1,66	0	-1,484	0	0	0
11	STERRADX	LinStatic	1,66	0	1,485	0	0	0
11	TERMP	LinStatic	3,333E-06	0	-0,00114	0	0	0
11	TERMN	LinStatic	-1E-05	0	0,00342	0	0	0
11	GRADTP	LinStatic	-1,313E-05	0	-0,0006771	0	0	0
11	GRADTN	LinStatic	1,313E-05	0	0,0006771	0	0	0
11	LM71C	LinStatic	-8,134E-07	0	5,149	0	0	0
11	LM71SX	LinStatic	-5,119E-07	0	4,298	0	0	0
11	LM71DX	LinStatic	-3,015E-07	0	0,851	0	0	0
11	STLM71	LinStatic	-1,404	0	-1,439	0	0	0
11	AVVLM71	LinStatic	-0,856	0	-1,756	0	0	0
11	SW2	LinStatic	-6,699E-07	0	4,24	0	0	0
11	STSW2	LinStatic	-1,156	0	-1,185	0	0	0
11	FRENSW2	LinStatic	-0,907	0	-1,862	0	0	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	-1,635	0	-1,675	0	0	0
11	LM71SISO	LinStatic	-0,306	0	-0,629	0	0	0
11	SW2SISO	LinStatic	-0,252	0	-0,518	0	0	0
11	SISMAO	LinStatic	-1,38	0	-2,427	0	0	0
11	LM71SVA	LinStatic	2,418E-08	0	-0,153	0	0	0
11	SW2SVA	LinStatic	1,991E-08	0	-0,126	0	0	0
11	SISMAVA	LinStatic	1,115E-06	0	-0,761	0	0	0
11	LM71SVB	LinStatic	-2,418E-08	0	0,153	0	0	0
11	SW2SVB	LinStatic	-1,991E-08	0	0,126	0	0	0
11	SISMAVB	LinStatic	-1,115E-06	0	0,761	0	0	0
12	PP	LinStatic	-6,126E-06	0	2,726	0	0	0
12	REINTSUP	LinStatic	-2,455E-07	0	1,793	0	0	0
12	BALLAST	LinStatic	-1,667E-07	0	1,218	0	0	0
12	STERRASX	LinStatic	-1,66	0	-1,286	0	0	0
12	STERRADX	LinStatic	1,66	0	1,287	0	0	0
12	TERMP	LinStatic	2,889E-06	0	-0,001534	0	0	0
12	TERMN	LinStatic	-8,666E-06	0	0,004602	0	0	0
12	GRADTP	LinStatic	-1,138E-05	0	-0,00136	0	0	0
12	GRADTN	LinStatic	1,138E-05	0	0,00136	0	0	0
12	LM71C	LinStatic	-7,049E-07	0	5,149	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
12	LM71SX	LinStatic	-5,735E-07	0	4,068	0	0	0
12	LM71DX	LinStatic	-1,314E-07	0	1,081	0	0	0
12	STLM71	LinStatic	-1,404	0	-1,247	0	0	0
12	AVVLM71	LinStatic	-0,856	0	-1,522	0	0	0
12	SW2	LinStatic	-5,806E-07	0	4,241	0	0	0
12	STSW2	LinStatic	-1,156	0	-1,027	-1,156	0	0
12	FRENSW2	LinStatic	-0,907	0	-1,614	0	0	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	-1,635	0	-1,452	0	0	0
12	LM71SISO	LinStatic	-0,306	0	-0,545	0	0	0
12	SW2SISO	LinStatic	-0,252	0	-0,449	0	0	0
12	SISMAO	LinStatic	-1,38	0	-2,104	0	0	0
12	LM71SVA	LinStatic	2,096E-08	0	-0,153	0	0	0
12	SW2SVA	LinStatic	1,725E-08	0	-0,126	0	0	0
12	SISMAVA	LinStatic	9,667E-07	0	-0,761	0	0	0
12	LM71SVB	LinStatic	-2,096E-08	0	0,153	0	0	0
12	SW2SVB	LinStatic	-1,725E-08	0	0,126	0	0	0
12	SISMAVB	LinStatic	-9,667E-07	0	0,761	0	0	0
13	PP	LinStatic	-5,183E-06	0	2,726	0	0	0
13	REINTSUP	LinStatic	-2,077E-07	0	1,794	0	0	0
13	BALLAST	LinStatic	-1,411E-07	0	1,218	0	0	0
13	STERRASX	LinStatic	-1,66	0	-1,088	0	0	0
13	STERRADX	LinStatic	1,66	0	1,089	0	0	0
13	TERMP	LinStatic	2,444E-06	0	-0,001871	0	0	0
13	TERMN	LinStatic	-7,333E-06	0	0,005614	0	0	0
13	GRADTP	LinStatic	-9,628E-06	0	-0,002005	0	0	0
13	GRADTN	LinStatic	9,628E-06	0	0,002005	0	0	0
13	LM71C	LinStatic	-5,965E-07	0	5,15	0	0	0
13	LM71SX	LinStatic	-6,352E-07	0	3,838	0	0	0
13	LM71DX	LinStatic	3,87E-08	0	1,312	0	0	0
13	STLM71	LinStatic	-1,404	0	-1,055	0	0	0
13	AVVLM71	LinStatic	-0,856	0	-1,288	0	0	0
13	SW2	LinStatic	-4,912E-07	0	4,242	0	0	0
13	STSW2	LinStatic	-1,156	0	-0,869	-1,156	0	0
13	FRENSW2	LinStatic	-0,907	0	-1,366	0	0	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	-1,635	0	-1,229	0	0	0
13	LM71SISO	LinStatic	-0,306	0	-0,461	0	0	0
13	SW2SISO	LinStatic	-0,252	0	-0,38	0	0	0
13	SISMAO	LinStatic	-1,38	0	-1,78	0	0	0
13	LM71SVA	LinStatic	1,773E-08	0	-0,153	0	0	0
13	SW2SVA	LinStatic	1,46E-08	0	-0,126	0	0	0
13	SISMAVA	LinStatic	8,18E-07	0	-0,761	0	0	0
13	LM71SVB	LinStatic	-1,773E-08	0	0,153	0	0	0
13	SW2SVB	LinStatic	-1,46E-08	0	0,126	0	0	0
13	SISMAVB	LinStatic	-8,18E-07	0	0,761	0	0	0
14	PP	LinStatic	-4,241E-06	0	2,726	0	0	0
14	REINTSUP	LinStatic	-1,699E-07	0	1,794	0	0	0
14	BALLAST	LinStatic	-1,154E-07	0	1,219	0	0	0
14	STERRASX	LinStatic	-1,66	0	-0,891	0	0	0
14	STERRADX	LinStatic	1,66	0	0,891	0	0	0
14	TERMP	LinStatic	2E-06	0	-0,002152	0	0	0
14	TERMN	LinStatic	-6E-06	0	0,006456	0	0	0
14	GRADTP	LinStatic	-7,878E-06	0	-0,002595	0	0	0
14	GRADTN	LinStatic	7,878E-06	0	0,002595	0	0	0
14	LM71C	LinStatic	-4,88E-07	0	5,152	0	0	0
14	LM71SX	LinStatic	-6,968E-07	0	3,609	0	0	0
14	LM71DX	LinStatic	2,088E-07	0	1,543	0	0	0
14	STLM71	LinStatic	-1,404	0	-0,864	0	0	0
14	AVVLM71	LinStatic	-0,856	0	-1,054	0	0	0
14	SW2	LinStatic	-4,019E-07	0	4,243	0	0	0
14	STSW2	LinStatic	-1,156	0	-0,712	-1,156	0	0
14	FRENSW2	LinStatic	-0,907	0	-1,118	0	0	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	-1,635	0	-1,006	0	0	0
14	LM71SISO	LinStatic	-0,306	0	-0,377	0	0	0
14	SW2SISO	LinStatic	-0,252	0	-0,311	0	0	0
14	SISMAO	LinStatic	-1,38	0	-1,457	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
283 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
14	LM71SVA	LinStatic	1,451E-08	0	-0,153	0	0	0
14	SW2SVA	LinStatic	1,194E-08	0	-0,126	0	0	0
14	SISMAVA	LinStatic	6,692E-07	0	-0,761	0	0	0
14	LM71SVB	LinStatic	-1,451E-08	0	0,153	0	0	0
14	SW2SVB	LinStatic	-1,194E-08	0	0,126	0	0	0
14	SISMAVB	LinStatic	-6,692E-07	0	0,761	0	0	0
15	PP	LinStatic	-3,298E-06	0	2,726	0	0	0
15	REINTSUP	LinStatic	-1,322E-07	0	1,794	0	0	0
15	BALLAST	LinStatic	-8,978E-08	0	1,219	0	0	0
15	STERRASX	LinStatic	-1,66	0	-0,693	0	0	0
15	STERRADX	LinStatic	1,66	0	0,693	0	0	0
15	TERMP	LinStatic	1,555E-06	0	-0,002376	0	0	0
15	TERMN	LinStatic	-4,666E-06	0	0,007128	0	0	0
15	GRADTP	LinStatic	-6,127E-06	0	-0,003112	0	0	0
15	GRADTN	LinStatic	6,127E-06	0	0,003112	0	0	0
15	LM71C	LinStatic	-3,796E-07	0	5,153	0	0	0
15	LM71SX	LinStatic	-7,585E-07	0	3,38	0	0	0
15	LM71DX	LinStatic	3,789E-07	0	1,773	0	0	0
15	STLM71	LinStatic	-1,404	0	-0,672	0	0	0
15	AVVLM71	LinStatic	-0,856	0	-0,82	0	0	0
15	SW2	LinStatic	-3,126E-07	0	4,244	0	0	0
15	STSW2	LinStatic	-1,156	0	-0,554	0	0	0
15	FRENSW2	LinStatic	-0,907	0	-0,87	0	0	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	-1,635	0	-0,783	0	0	0
15	LM71SISO	LinStatic	-0,306	0	-0,294	0	0	0
15	SW2SISO	LinStatic	-0,252	0	-0,242	0	0	0
15	SISMAO	LinStatic	-1,38	0	-1,134	0	0	0
15	LM71SVA	LinStatic	1,128E-08	0	-0,153	0	0	0
15	SW2SVA	LinStatic	9,29E-09	0	-0,126	0	0	0
15	SISMAVA	LinStatic	5,205E-07	0	-0,761	0	0	0
15	LM71SVB	LinStatic	-1,128E-08	0	0,153	0	0	0
15	SW2SVB	LinStatic	-9,29E-09	0	0,126	0	0	0
15	SISMAVB	LinStatic	-5,205E-07	0	0,761	0	0	0
16	PP	LinStatic	-2,356E-06	0	2,726	0	0	0
16	REINTSUP	LinStatic	-9,441E-08	0	1,795	0	0	0
16	BALLAST	LinStatic	-6,413E-08	0	1,219	0	0	0
16	STERRASX	LinStatic	-1,66	0	-0,496	0	0	0
16	STERRADX	LinStatic	1,66	0	0,495	0	0	0
16	TERMP	LinStatic	1,111E-06	0	-0,002544	0	0	0
16	TERMN	LinStatic	-3,333E-06	0	0,007631	0	0	0
16	GRADTP	LinStatic	-4,377E-06	0	-0,003538	0	0	0
16	GRADTN	LinStatic	4,377E-06	0	0,003538	0	0	0
16	LM71C	LinStatic	-2,711E-07	0	5,155	0	0	0
16	LM71SX	LinStatic	-8,201E-07	0	3,151	0	0	0
16	LM71DX	LinStatic	5,49E-07	0	2,003	0	0	0
16	STLM71	LinStatic	-1,404	0	-0,481	0	0	0
16	AVVLM71	LinStatic	-0,856	0	-0,586	0	0	0
16	SW2	LinStatic	-2,233E-07	0	4,245	0	0	0
16	STSW2	LinStatic	-1,156	0	-0,396	0	0	0
16	FRENSW2	LinStatic	-0,907	0	-0,621	0	0	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	-1,635	0	-0,56	0	0	0
16	LM71SISO	LinStatic	-0,306	0	-0,21	0	0	0
16	SW2SISO	LinStatic	-0,252	0	-0,173	0	0	0
16	SISMAO	LinStatic	-1,38	0	-0,81	0	0	0
16	LM71SVA	LinStatic	8,061E-09	0	-0,153	0	0	0
16	SW2SVA	LinStatic	6,636E-09	0	-0,126	0	0	0
16	SISMAVA	LinStatic	3,718E-07	0	-0,761	0	0	0
16	LM71SVB	LinStatic	-8,061E-09	0	0,153	0	0	0
16	SW2SVB	LinStatic	-6,636E-09	0	0,126	0	0	0
16	SISMAVB	LinStatic	-3,718E-07	0	0,761	0	0	0
17	PP	LinStatic	-1,623E-06	0	2,727	0	0	0
17	REINTSUP	LinStatic	-6,504E-08	0	1,795	0	0	0
17	BALLAST	LinStatic	-4,418E-08	0	1,219	0	0	0
17	STERRASX	LinStatic	-1,66	0	-0,342	0	0	0
17	STERRADX	LinStatic	1,66	0	0,341	0	0	0
17	TERMP	LinStatic	7,654E-07	0	-0,002635	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
284 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
17	TERMN	LinStatic	-2,296E-06	0	0,007906	0	0	0
17	GRADTP	LinStatic	-3,015E-06	0	-0,003796	0	0	0
17	GRADTN	LinStatic	3,015E-06	0	0,003796	0	0	0
17	LM71C	LinStatic	-1,868E-07	0	5,156	0	0	0
17	LM71SX	LinStatic	-8,681E-07	0	2,973	0	0	0
17	LM71DX	LinStatic	6,813E-07	0	2,183	0	0	0
17	STLM71	LinStatic	-1,404	0	-0,332	0	0	0
17	AVVLM71	LinStatic	-0,856	0	-0,404	0	0	0
17	SW2	LinStatic	-1,538E-07	0	4,246	0	0	0
17	STSW2	LinStatic	-1,156	0	-0,273	-1,156	0	0
17	FRENSW2	LinStatic	-0,907	0	-0,428	0	0	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	-1,635	0	-0,386	0	0	0
17	LM71SISO	LinStatic	-0,306	0	-0,145	0	0	0
17	SW2SISO	LinStatic	-0,252	0	-0,119	0	0	0
17	SISMAO	LinStatic	-1,38	0	-0,558	0	0	0
17	LM71SVA	LinStatic	5,553E-09	0	-0,153	0	0	0
17	SW2SVA	LinStatic	4,571E-09	0	-0,126	0	0	0
17	SISMAVA	LinStatic	2,561E-07	0	-0,761	0	0	0
17	LM71SVB	LinStatic	-5,553E-09	0	0,153	0	0	0
17	SW2SVB	LinStatic	-4,571E-09	0	0,126	0	0	0
17	SISMAVB	LinStatic	-2,561E-07	0	0,761	0	0	0
18	PP	LinStatic	-8,115E-07	0	2,727	0	0	0
18	REINTSUP	LinStatic	-3,252E-08	0	1,796	0	0	0
18	BALLAST	LinStatic	-2,209E-08	0	1,22	0	0	0
18	STERRASX	LinStatic	-1,66	0	-0,172	0	0	0
18	STERRADX	LinStatic	1,66	0	0,17	0	0	0
18	TERMP	LinStatic	3,827E-07	0	-0,002697	0	0	0
18	TERMN	LinStatic	-1,148E-06	0	0,008092	0	0	0
18	GRADTP	LinStatic	-1,507E-06	0	-0,003996	0	0	0
18	GRADTN	LinStatic	1,507E-06	0	0,003996	0	0	0
18	LM71C	LinStatic	-9,339E-08	0	5,157	0	0	0
18	LM71SX	LinStatic	-9,212E-07	0	2,776	0	0	0
18	LM71DX	LinStatic	8,278E-07	0	2,381	0	0	0
18	STLM71	LinStatic	-1,404	0	-0,166	0	0	0
18	AVVLM71	LinStatic	-0,856	0	-0,202	0	0	0
18	SW2	LinStatic	-7,691E-08	0	4,247	0	0	0
18	STSW2	LinStatic	-1,156	0	-0,137	-1,156	0	0
18	FRENSW2	LinStatic	-0,907	0	-0,214	0	0	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	-1,635	0	-0,194	0	0	0
18	LM71SISO	LinStatic	-0,306	0	-0,072	0	0	0
18	SW2SISO	LinStatic	-0,252	0	-0,06	0	0	0
18	SISMAO	LinStatic	-1,38	0	-0,279	0	0	0
18	LM71SVA	LinStatic	2,776E-09	0	-0,153	0	0	0
18	SW2SVA	LinStatic	2,286E-09	0	-0,126	0	0	0
18	SISMAVA	LinStatic	1,281E-07	0	-0,761	0	0	0
18	LM71SVB	LinStatic	-2,776E-09	0	0,153	0	0	0
18	SW2SVB	LinStatic	-2,286E-09	0	0,126	0	0	0
18	SISMAVB	LinStatic	-1,281E-07	0	0,761	0	0	0
19	PP	LinStatic	-1,141E-13	0	2,727	0	0	0
19	REINTSUP	LinStatic	-7,56E-14	0	1,796	0	0	0
19	BALLAST	LinStatic	-5,135E-14	0	1,22	0	0	0
19	STERRASX	LinStatic	-1,66	0	-0,0009402	0	0	0
19	STERRADX	LinStatic	1,66	0	-0,0009402	0	0	0
19	TERMP	LinStatic	-3,968E-14	0	-0,002718	0	0	0
19	TERMN	LinStatic	1,237E-13	0	0,008153	0	0	0
19	GRADTP	LinStatic	1,715E-15	0	-0,004094	0	0	0
19	GRADTN	LinStatic	-1,715E-15	0	0,004094	0	0	0
19	LM71C	LinStatic	-2,172E-13	0	5,157	0	0	0
19	LM71SX	LinStatic	-9,742E-07	0	2,579	0	0	0
19	LM71DX	LinStatic	9,742E-07	0	2,579	0	0	0
19	STLM71	LinStatic	-1,404	0	-0,0009295	0	0	0
19	AVVLM71	LinStatic	-0,856	0	1,413E-11	0	0	0
19	SW2	LinStatic	-1,788E-13	0	4,248	0	0	0
19	STSW2	LinStatic	-1,156	0	-0,0007658	0	0	0
19	FRENSW2	LinStatic	-0,907	0	1,499E-11	0	0	0
19	SERP	LinStatic	0	0	0	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
285 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
19	INCRTER	LinStatic	-1,635	0	-0,001082	0	0	0
19	LM71SISO	LinStatic	-0,306	0	5,061E-12	0	0	0
19	SW2SISO	LinStatic	-0,252	0	4,166E-12	0	0	0
19	SISMAO	LinStatic	-1,38	0	1,962E-11	0	0	0
19	LM71SVA	LinStatic	6,453E-15	0	-0,153	0	0	0
19	SW2SVA	LinStatic	5,316E-15	0	-0,126	0	0	0
19	SISMAVA	LinStatic	3,197E-14	0	-0,762	0	0	0
19	LM71SVB	LinStatic	-6,453E-15	0	0,153	0	0	0
19	SW2SVB	LinStatic	-5,316E-15	0	0,126	0	0	0
19	SISMAVB	LinStatic	-3,197E-14	0	0,762	0	0	0
20	PP	LinStatic	8,115E-07	0	2,727	0	0	0
20	REINTSUP	LinStatic	3,252E-08	0	1,796	0	0	0
20	BALLAST	LinStatic	2,209E-08	0	1,22	0	0	0
20	STERRASX	LinStatic	-1,66	0	0,17	0	0	0
20	STERRADX	LinStatic	1,66	0	-0,172	0	0	0
20	TERMP	LinStatic	-3,827E-07	0	-0,002697	0	0	0
20	TERMN	LinStatic	1,148E-06	0	0,008092	0	0	0
20	GRADTP	LinStatic	1,507E-06	0	-0,003996	0	0	0
20	GRADTN	LinStatic	-1,507E-06	0	0,003996	0	0	0
20	LM71C	LinStatic	9,339E-08	0	5,157	0	0	0
20	LM71SX	LinStatic	-8,278E-07	0	2,381	0	0	0
20	LM71DX	LinStatic	9,212E-07	0	2,776	0	0	0
20	STLM71	LinStatic	-1,404	0	0,165	0	0	0
20	AVVLM71	LinStatic	-0,856	0	0,202	0	0	0
20	SW2	LinStatic	7,691E-08	0	4,247	0	0	0
20	STSW2	LinStatic	-1,156	0	0,136	0	0	0
20	FRENSW2	LinStatic	-0,907	0	0,214	0	0	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	-1,635	0	0,192	0	0	0
20	LM71SISO	LinStatic	-0,306	0	0,072	0	0	0
20	SW2SISO	LinStatic	-0,252	0	0,06	0	0	0
20	SISMAO	LinStatic	-1,38	0	0,279	-0	0	0
20	LM71SVA	LinStatic	-2,776E-09	0	-0,153	0	0	0
20	SW2SVA	LinStatic	-2,286E-09	0	-0,126	0	0	0
20	SISMAVA	LinStatic	-1,281E-07	0	-0,761	0	0	0
20	LM71SVB	LinStatic	2,776E-09	0	0,153	0	0	0
20	SW2SVB	LinStatic	2,286E-09	0	0,126	0	0	0
20	SISMAVB	LinStatic	1,281E-07	0	0,761	0	0	0
21	PP	LinStatic	1,623E-06	0	2,727	0	0	0
21	REINTSUP	LinStatic	6,504E-08	0	1,795	0	0	0
21	BALLAST	LinStatic	4,418E-08	0	1,219	0	0	0
21	STERRASX	LinStatic	-1,66	0	0,341	0	0	0
21	STERRADX	LinStatic	1,66	0	-0,342	0	0	0
21	TERMP	LinStatic	-7,654E-07	0	-0,002635	0	0	0
21	TERMN	LinStatic	2,296E-06	0	0,007906	0	0	0
21	GRADTP	LinStatic	3,015E-06	0	-0,003796	0	0	0
21	GRADTN	LinStatic	-3,015E-06	0	0,003796	0	0	0
21	LM71C	LinStatic	1,868E-07	0	5,156	0	0	0
21	LM71SX	LinStatic	-6,813E-07	0	2,183	0	0	0
21	LM71DX	LinStatic	8,681E-07	0	2,973	0	0	0
21	STLM71	LinStatic	-1,404	0	0,33	0	0	0
21	AVVLM71	LinStatic	-0,856	0	0,404	0	0	0
21	SW2	LinStatic	1,538E-07	0	4,246	0	0	0
21	STSW2	LinStatic	-1,156	0	0,272	0	0	0
21	FRENSW2	LinStatic	-0,907	0	0,428	0	0	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	-1,635	0	0,385	0	0	0
21	LM71SISO	LinStatic	-0,306	0	0,145	0	0	0
21	SW2SISO	LinStatic	-0,252	0	0,119	0	0	0
21	SISMAO	LinStatic	-1,38	0	0,558	0	0	0
21	LM71SVA	LinStatic	-5,553E-09	0	-0,153	0	0	0
21	SW2SVA	LinStatic	-4,571E-09	0	-0,126	0	0	0
21	SISMAVA	LinStatic	-2,561E-07	0	-0,761	0	0	0
21	LM71SVB	LinStatic	5,553E-09	0	0,153	0	0	0
21	SW2SVB	LinStatic	4,571E-09	0	0,126	0	0	0
21	SISMAVB	LinStatic	2,561E-07	0	0,761	0	0	0
22	PP	LinStatic	2,356E-06	0	2,726	0	0	0
22	REINTSUP	LinStatic	9,441E-08	0	1,795	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
286 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
22	BALLAST	LinStatic	6,413E-08	0	1,219	0	0	0
22	STERRASX	LinStatic	-1,66	0	0,495	0	0	0
22	STERRADX	LinStatic	1,66	0	-0,496	0	0	0
22	TERMP	LinStatic	-1,111E-06	0	-0,002544	0	0	0
22	TERMN	LinStatic	3,333E-06	0	0,007631	0	0	0
22	GRADTP	LinStatic	4,377E-06	0	-0,003538	0	0	0
22	GRADTN	LinStatic	-4,377E-06	0	0,003538	0	0	0
22	LM71C	LinStatic	2,711E-07	0	5,155	0	0	0
22	LM71SX	LinStatic	-5,49E-07	0	2,003	0	0	0
22	LM71DX	LinStatic	8,201E-07	0	3,151	0	0	0
22	STLM71	LinStatic	-1,404	0	0,48	0	0	0
22	AVVLM71	LinStatic	-0,856	0	0,586	0	0	0
22	SW2	LinStatic	2,233E-07	0	4,245	0	0	0
22	STSW2	LinStatic	-1,156	0	0,395	0	0	0
22	FRENSW2	LinStatic	-0,907	0	0,621	0	0	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	-1,635	0	0,558	0	0	0
22	LM71SISO	LinStatic	-0,306	0	0,21	0	0	0
22	SW2SISO	LinStatic	-0,252	0	0,173	0	0	0
22	SISMAO	LinStatic	-1,38	0	0,81	0	0	0
22	LM71SVA	LinStatic	-8,061E-09	0	-0,153	0	0	0
22	SW2SVA	LinStatic	-6,636E-09	0	-0,126	0	0	0
22	SISMAVA	LinStatic	-3,718E-07	0	-0,761	0	0	0
22	LM71SVB	LinStatic	8,061E-09	0	0,153	0	0	0
22	SW2SVB	LinStatic	6,636E-09	0	0,126	0	0	0
22	SISMAVB	LinStatic	3,718E-07	0	0,761	0	0	0
23	PP	LinStatic	3,298E-06	0	2,726	0	0	0
23	REINTSUP	LinStatic	1,322E-07	0	1,794	0	0	0
23	BALLAST	LinStatic	8,978E-08	0	1,219	0	0	0
23	STERRASX	LinStatic	-1,66	0	0,693	0	0	0
23	STERRADX	LinStatic	1,66	0	-0,693	0	0	0
23	TERMP	LinStatic	-1,555E-06	0	-0,002376	0	0	0
23	TERMN	LinStatic	4,666E-06	0	0,007128	0	0	0
23	GRADTP	LinStatic	6,127E-06	0	-0,003112	0	0	0
23	GRADTN	LinStatic	-6,127E-06	0	0,003112	0	0	0
23	LM71C	LinStatic	3,796E-07	0	5,153	0	0	0
23	LM71SX	LinStatic	-3,789E-07	0	1,773	0	0	0
23	LM71DX	LinStatic	7,585E-07	0	3,38	0	0	0
23	STLM71	LinStatic	-1,404	0	0,671	0	0	0
23	AVVLM71	LinStatic	-0,856	0	0,82	0	0	0
23	SW2	LinStatic	3,126E-07	0	4,244	0	0	0
23	STSW2	LinStatic	-1,156	0	0,553	0	0	0
23	FRENSW2	LinStatic	-0,907	0	0,87	0	0	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	-1,635	0	0,782	0	0	0
23	LM71SISO	LinStatic	-0,306	0	0,294	0	0	0
23	SW2SISO	LinStatic	-0,252	0	0,242	0	0	0
23	SISMAO	LinStatic	-1,38	0	1,134	0	0	0
23	LM71SVA	LinStatic	-1,128E-08	0	-0,153	0	0	0
23	SW2SVA	LinStatic	-9,29E-09	0	-0,126	0	0	0
23	SISMAVA	LinStatic	-5,205E-07	0	-0,761	0	0	0
23	LM71SVB	LinStatic	1,128E-08	0	0,153	0	0	0
23	SW2SVB	LinStatic	9,29E-09	0	0,126	0	0	0
23	SISMAVB	LinStatic	5,205E-07	0	0,761	0	0	0
24	PP	LinStatic	4,241E-06	0	2,726	0	0	0
24	REINTSUP	LinStatic	1,699E-07	0	1,794	0	0	0
24	BALLAST	LinStatic	1,154E-07	0	1,219	0	0	0
24	STERRASX	LinStatic	-1,66	0	0,891	0	0	0
24	STERRADX	LinStatic	1,66	0	-0,891	0	0	0
24	TERMP	LinStatic	-2E-06	0	-0,002152	0	0	0
24	TERMN	LinStatic	6E-06	0	0,006456	0	0	0
24	GRADTP	LinStatic	7,878E-06	0	-0,002595	0	0	0
24	GRADTN	LinStatic	-7,878E-06	0	0,002595	0	0	0
24	LM71C	LinStatic	4,88E-07	0	5,152	0	0	0
24	LM71SX	LinStatic	-2,088E-07	0	1,543	0	0	0
24	LM71DX	LinStatic	6,968E-07	0	3,609	0	0	0
24	STLM71	LinStatic	-1,404	0	0,863	0	0	0
24	AVVLM71	LinStatic	-0,856	0	1,054	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
287 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
24	SW2	LinStatic	4,019E-07	0	4,243	0	0	0
24	STSW2	LinStatic	-1,156	0	0,711	0	0	0
24	FRENSW2	LinStatic	-0,907	0	1,118	0	0	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	-1,635	0	1,005	0	0	0
24	LM71SISO	LinStatic	-0,306	0	0,377	0	0	0
24	SW2SISO	LinStatic	-0,252	0	0,311	0	0	0
24	SISMAO	LinStatic	-1,38	0	1,457	0	0	0
24	LM71SVA	LinStatic	-1,451E-08	0	-0,153	0	0	0
24	SW2SVA	LinStatic	-1,194E-08	0	-0,126	0	0	0
24	SISMAVA	LinStatic	-6,692E-07	0	-0,761	0	0	0
24	LM71SVB	LinStatic	1,451E-08	0	0,153	0	0	0
24	SW2SVB	LinStatic	1,194E-08	0	0,126	0	0	0
24	SISMAVB	LinStatic	6,692E-07	0	0,761	0	0	0
25	PP	LinStatic	5,183E-06	0	2,726	0	0	0
25	REINTSUP	LinStatic	2,077E-07	0	1,794	0	0	0
25	BALLAST	LinStatic	1,411E-07	0	1,218	0	0	0
25	STERRASX	LinStatic	-1,66	0	1,089	0	0	0
25	STERRADX	LinStatic	1,66	0	-1,088	0	0	0
25	TERMP	LinStatic	-2,444E-06	0	-0,001871	0	0	0
25	TERMN	LinStatic	7,333E-06	0	0,005614	0	0	0
25	GRADTP	LinStatic	9,628E-06	0	-0,002005	0	0	0
25	GRADTN	LinStatic	-9,628E-06	0	0,002005	0	0	0
25	LM71C	LinStatic	5,965E-07	0	5,15	0	0	0
25	LM71SX	LinStatic	-3,87E-08	0	1,312	0	0	0
25	LM71DX	LinStatic	6,352E-07	0	3,838	0	0	0
25	STLM71	LinStatic	-1,404	0	1,055	0	0	0
25	AVVLM71	LinStatic	-0,856	0	1,288	0	0	0
25	SW2	LinStatic	4,912E-07	0	4,242	0	0	0
25	STSW2	LinStatic	-1,156	0	0,869	0	0	0
25	FRENSW2	LinStatic	-0,907	0	1,366	0	0	0
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	-1,635	0	1,229	0	0	0
25	LM71SISO	LinStatic	-0,306	0	0,461	0	0	0
25	SW2SISO	LinStatic	-0,252	0	0,38	0	0	0
25	SISMAO	LinStatic	-1,38	0	1,78	-1,38	0	0
25	LM71SVA	LinStatic	-1,773E-08	0	-0,153	0	0	0
25	SW2SVA	LinStatic	-1,46E-08	0	-0,126	0	0	0
25	SISMAVA	LinStatic	-8,18E-07	0	-0,761	0	0	0
25	LM71SVB	LinStatic	1,773E-08	0	0,153	0	0	0
25	SW2SVB	LinStatic	1,46E-08	0	0,126	0	0	0
25	SISMAVB	LinStatic	8,18E-07	0	0,761	0	0	0
26	PP	LinStatic	6,126E-06	0	2,726	0	0	0
26	REINTSUP	LinStatic	2,455E-07	0	1,793	0	0	0
26	BALLAST	LinStatic	1,667E-07	0	1,218	0	0	0
26	STERRASX	LinStatic	-1,66	0	1,287	0	0	0
26	STERRADX	LinStatic	1,66	0	-1,286	0	0	0
26	TERMP	LinStatic	-2,889E-06	0	-0,001534	0	0	0
26	TERMN	LinStatic	8,666E-06	0	0,004602	0	0	0
26	GRADTP	LinStatic	1,138E-05	0	-0,00136	0	0	0
26	GRADTN	LinStatic	-1,138E-05	0	0,00136	0	0	0
26	LM71C	LinStatic	7,049E-07	0	5,149	0	0	0
26	LM71SX	LinStatic	1,314E-07	0	1,081	0	0	0
26	LM71DX	LinStatic	5,735E-07	0	4,068	0	0	0
26	STLM71	LinStatic	-1,404	0	1,247	0	0	0
26	AVVLM71	LinStatic	-0,856	0	1,522	0	0	0
26	SW2	LinStatic	5,806E-07	0	4,241	0	0	0
26	STSW2	LinStatic	-1,156	0	1,028	0	0	0
26	FRENSW2	LinStatic	-0,907	0	1,614	0	0	0
26	SERP	LinStatic	0	0	0	0	0	0
26	INCRTER	LinStatic	-1,635	0	1,452	0	0	0
26	LM71SISO	LinStatic	-0,306	0	0,545	0	0	0
26	SW2SISO	LinStatic	-0,252	0	0,449	0	0	0
26	SISMAO	LinStatic	-1,38	0	2,104	-1,38	0	0
26	LM71SVA	LinStatic	-2,096E-08	0	-0,153	0	0	0
26	SW2SVA	LinStatic	-1,725E-08	0	-0,126	0	0	0
26	SISMAVA	LinStatic	-9,667E-07	0	-0,761	0	0	0
26	LM71SVB	LinStatic	2,096E-08	0	0,153	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
288 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
26	SW2SVB	LinStatic	1,725E-08	0	0,126	0	0	0
26	SISMAVB	LinStatic	9,667E-07	0	0,761	0	0	0
27	PP	LinStatic	7,068E-06	0	2,726	0	0	0
27	REINTSUP	LinStatic	2,832E-07	0	1,793	0	0	0
27	BALLAST	LinStatic	1,924E-07	0	1,218	0	0	0
27	STERRASX	LinStatic	-1,66	0	1,485	0	0	0
27	STERRADX	LinStatic	1,66	0	-1,484	0	0	0
27	TERMP	LinStatic	-3,333E-06	0	-0,00114	0	0	0
27	TERMN	LinStatic	1E-05	0	0,00342	0	0	0
27	GRADTP	LinStatic	1,313E-05	0	-0,0006771	0	0	0
27	GRADTN	LinStatic	-1,313E-05	0	0,0006771	0	0	0
27	LM71C	LinStatic	8,134E-07	0	5,149	0	0	0
27	LM71SX	LinStatic	3,015E-07	0	0,851	0	0	0
27	LM71DX	LinStatic	5,119E-07	0	4,298	0	0	0
27	STLM71	LinStatic	-1,404	0	1,439	0	0	0
27	AVVLM71	LinStatic	-0,856	0	1,756	0	0	0
27	SW2	LinStatic	6,699E-07	0	4,24	0	0	0
27	STSW2	LinStatic	-1,156	0	1,186	0	0	0
27	FRENSW2	LinStatic	-0,907	0	1,862	0	0	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	-1,635	0	1,676	0	0	0
27	LM71SISO	LinStatic	-0,306	0	0,629	0	0	0
27	SW2SISO	LinStatic	-0,252	0	0,518	0	0	0
27	SISMAO	LinStatic	-1,38	0	2,427	0	0	0
27	LM71SVA	LinStatic	-2,418E-08	0	-0,153	0	0	0
27	SW2SVA	LinStatic	-1,991E-08	0	-0,126	0	0	0
27	SISMAVA	LinStatic	-1,115E-06	0	-0,761	0	0	0
27	LM71SVB	LinStatic	2,418E-08	0	0,153	0	0	0
27	SW2SVB	LinStatic	1,991E-08	0	0,126	0	0	0
27	SISMAVB	LinStatic	1,115E-06	0	0,761	0	0	0
28	PP	LinStatic	8,011E-06	0	2,727	0	0	0
28	REINTSUP	LinStatic	3,21E-07	0	1,793	0	0	0
28	BALLAST	LinStatic	2,18E-07	0	1,218	0	0	0
28	STERRASX	LinStatic	-1,66	0	1,683	0	0	0
28	STERRADX	LinStatic	1,66	0	-1,682	0	0	0
28	TERMP	LinStatic	-3,778E-06	0	-0,0006888	0	0	0
28	TERMN	LinStatic	1,133E-05	0	0,002066	0	0	0
28	GRADTP	LinStatic	1,488E-05	0	2,578E-05	0	0	0
28	GRADTN	LinStatic	-1,488E-05	0	-2,578E-05	0	0	0
28	LM71C	LinStatic	9,218E-07	0	5,148	0	0	0
28	LM71SX	LinStatic	4,716E-07	0	0,62	0	0	0
28	LM71DX	LinStatic	4,502E-07	0	4,528	0	0	0
28	STLM71	LinStatic	-1,404	0	1,632	0	0	0
28	AVVLM71	LinStatic	-0,856	0	1,99	0	0	0
28	SW2	LinStatic	7,592E-07	0	4,24	0	0	0
28	STSW2	LinStatic	-1,156	0	1,344	0	0	0
28	FRENSW2	LinStatic	-0,907	0	2,11	0	0	0
28	SERP	LinStatic	0	0	0	0	0	0
28	INCRTER	LinStatic	-1,635	0	1,9	0	0	0
28	LM71SISO	LinStatic	-0,306	0	0,713	0	0	0
28	SW2SISO	LinStatic	-0,252	0	0,587	0	0	0
28	SISMAO	LinStatic	-1,38	0	2,751	0	0	0
28	LM71SVA	LinStatic	-2,741E-08	0	-0,153	0	0	0
28	SW2SVA	LinStatic	-2,256E-08	0	-0,126	0	0	0
28	SISMAVA	LinStatic	-1,264E-06	0	-0,761	0	0	0
28	LM71SVB	LinStatic	2,741E-08	0	0,153	0	0	0
28	SW2SVB	LinStatic	2,256E-08	0	0,126	0	0	0
28	SISMAVB	LinStatic	1,264E-06	0	0,761	0	0	0
29	PP	LinStatic	8,953E-06	0	2,728	0	0	0
29	REINTSUP	LinStatic	3,588E-07	0	1,793	0	0	0
29	BALLAST	LinStatic	2,437E-07	0	1,218	0	0	0
29	STERRASX	LinStatic	-1,66	0	1,882	0	0	0
29	STERRADX	LinStatic	1,66	0	-1,881	0	0	0
29	TERMP	LinStatic	-4,222E-06	0	-0,0001805	0	0	0
29	TERMN	LinStatic	1,267E-05	0	0,0005414	0	0	0
29	GRADTP	LinStatic	1,663E-05	0	0,0007312	0	0	0
29	GRADTN	LinStatic	-1,663E-05	0	-0,0007312	0	0	0
29	LM71C	LinStatic	1,03E-06	0	5,148	0	0	0

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
289 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
29	LM71SX	LinStatic	6,417E-07	0	0,389	0	0	0
29	LM71DX	LinStatic	3,886E-07	0	4,759	0	0	0
29	STLM71	LinStatic	-1,404	0	1,824	0	0	0
29	AVVLM71	LinStatic	-0,856	0	2,225	0	0	0
29	SW2	LinStatic	8,485E-07	0	4,24	0	0	0
29	STSW2	LinStatic	-1,156	0	1,503	-1,156	0	0
29	FRENSW2	LinStatic	-0,907	0	2,359	0	0	0
29	SERP	LinStatic	0	0	0	0	0	0
29	INCRTER	LinStatic	-1,635	0	2,125	0	0	0
29	LM71SISO	LinStatic	-0,306	0	0,797	0	0	0
29	SW2SISO	LinStatic	-0,252	0	0,656	0	0	0
29	SISMAO	LinStatic	-1,38	0	3,075	0	0	0
29	LM71SVA	LinStatic	-3,063E-08	0	-0,153	0	0	0
29	SW2SVA	LinStatic	-2,522E-08	0	-0,126	0	0	0
29	SISMAVA	LinStatic	-1,413E-06	0	-0,761	0	0	0
29	LM71SVB	LinStatic	3,063E-08	0	0,153	0	0	0
29	SW2SVB	LinStatic	2,522E-08	0	0,126	0	0	0
29	SISMAVB	LinStatic	1,413E-06	0	0,761	0	0	0
30	PP	LinStatic	9,895E-06	0	2,728	0	0	0
30	REINTSUP	LinStatic	3,965E-07	0	1,793	0	0	0
30	BALLAST	LinStatic	2,693E-07	0	1,218	0	0	0
30	STERRASX	LinStatic	-1,66	0	2,081	0	0	0
30	STERRADX	LinStatic	1,66	0	-2,079	0	0	0
30	TERMP	LinStatic	-4,666E-06	0	0,0003853	0	0	0
30	TERMN	LinStatic	1,4E-05	0	-0,001156	0	0	0
30	GRADTP	LinStatic	1,838E-05	0	0,001422	0	0	0
30	GRADTN	LinStatic	-1,838E-05	0	-0,001422	0	0	0
30	LM71C	LinStatic	1,139E-06	0	5,149	0	0	0
30	LM71SX	LinStatic	8,118E-07	0	0,159	0	0	0
30	LM71DX	LinStatic	3,269E-07	0	4,99	0	0	0
30	STLM71	LinStatic	-1,404	0	2,017	0	0	0
30	AVVLM71	LinStatic	-0,856	0	2,46	0	0	0
30	SW2	LinStatic	9,378E-07	0	4,241	0	0	0
30	STSW2	LinStatic	-1,156	0	1,662	0	0	0
30	FRENSW2	LinStatic	-0,907	0	2,608	0	0	0
30	SERP	LinStatic	0	0	0	0	0	0
30	INCRTER	LinStatic	-1,635	0	2,349	0	0	0
30	LM71SISO	LinStatic	-0,306	0	0,881	0	0	0
30	SW2SISO	LinStatic	-0,252	0	0,725	0	0	0
30	SISMAO	LinStatic	-1,38	0	3,4	0	0	0
30	LM71SVA	LinStatic	-3,385E-08	0	-0,153	0	0	0
30	SW2SVA	LinStatic	-2,787E-08	0	-0,126	0	0	0
30	SISMAVA	LinStatic	-1,562E-06	0	-0,761	0	0	0
30	LM71SVB	LinStatic	3,385E-08	0	0,153	0	0	0
30	SW2SVB	LinStatic	2,787E-08	0	0,126	0	0	0
30	SISMAVB	LinStatic	1,562E-06	0	0,761	0	0	0
31	PP	LinStatic	1,084E-05	0	2,729	0	0	0
31	REINTSUP	LinStatic	4,343E-07	0	1,793	0	0	0
31	BALLAST	LinStatic	2,95E-07	0	1,218	0	0	0
31	STERRASX	LinStatic	-1,66	0	2,281	0	0	0
31	STERRADX	LinStatic	1,66	0	-2,279	0	0	0
31	TERMP	LinStatic	-5,111E-06	0	0,001009	0	0	0
31	TERMN	LinStatic	1,533E-05	0	-0,003026	0	0	0
31	GRADTP	LinStatic	2,013E-05	0	0,002079	0	0	0
31	GRADTN	LinStatic	-2,013E-05	0	-0,002079	0	0	0
31	LM71C	LinStatic	1,247E-06	0	5,15	0	0	0
31	LM71SX	LinStatic	9,819E-07	0	-0,072	0	0	0
31	LM71DX	LinStatic	2,653E-07	0	5,222	0	0	0
31	STLM71	LinStatic	-1,404	0	2,211	0	0	0
31	AVVLM71	LinStatic	-0,856	0	2,695	0	0	0
31	SW2	LinStatic	1,027E-06	0	4,241	0	0	0
31	STSW2	LinStatic	-1,156	0	1,821	0	0	0
31	FRENSW2	LinStatic	-0,907	0	2,858	0	0	0
31	SERP	LinStatic	0	0	0	0	0	0
31	INCRTER	LinStatic	-1,635	0	2,574	0	0	0
31	LM71SISO	LinStatic	-0,306	0	0,965	0	0	0
31	SW2SISO	LinStatic	-0,252	0	0,794	0	0	0
31	SISMAO	LinStatic	-1,38	0	3,725	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
31	LM71SVA	LinStatic	-3,708E-08	0	-0,153	0	0	0
31	SW2SVA	LinStatic	-3,052E-08	0	-0,126	0	0	0
31	SISMAVA	LinStatic	-1,71E-06	0	-0,761	0	0	0
31	LM71SVB	LinStatic	3,708E-08	0	0,153	0	0	0
31	SW2SVB	LinStatic	3,052E-08	0	0,126	0	0	0
31	SISMAVB	LinStatic	1,71E-06	0	0,761	0	0	0
32	PP	LinStatic	1,178E-05	0	2,731	0	0	0
32	REINTSUP	LinStatic	4,721E-07	0	1,794	0	0	0
32	BALLAST	LinStatic	3,206E-07	0	1,218	0	0	0
32	STERRASX	LinStatic	-1,66	0	2,48	0	0	0
32	STERRADX	LinStatic	1,66	0	-2,479	0	0	0
32	TERMP	LinStatic	-5,555E-06	0	0,00169	0	0	0
32	TERMN	LinStatic	1,667E-05	0	-0,005069	0	0	0
32	GRADTP	LinStatic	2,188E-05	0	0,002687	0	0	0
32	GRADTN	LinStatic	-2,188E-05	0	-0,002687	0	0	0
32	LM71C	LinStatic	1,356E-06	0	5,151	0	0	0
32	LM71SX	LinStatic	1,152E-06	0	-0,303	0	0	0
32	LM71DX	LinStatic	2,036E-07	0	5,455	0	0	0
32	STLM71	LinStatic	-1,404	0	2,404	0	0	0
32	AVVLM71	LinStatic	-0,856	0	2,931	0	0	0
32	SW2	LinStatic	1,116E-06	0	4,243	0	0	0
32	STSW2	LinStatic	-1,156	0	1,981	0	0	0
32	FRENSW2	LinStatic	-0,907	0	3,108	0	0	0
32	SERP	LinStatic	0	0	0	0	0	0
32	INCRTER	LinStatic	-1,635	0	2,8	0	0	0
32	LM71SISO	LinStatic	-0,306	0	1,05	0	0	0
32	SW2SISO	LinStatic	-0,252	0	0,864	0	0	0
32	SISMAO	LinStatic	-1,38	0	4,051	0	0	0
32	LM71SVA	LinStatic	-4,03E-08	0	-0,153	0	0	0
32	SW2SVA	LinStatic	-3,318E-08	0	-0,126	0	0	0
32	SISMAVA	LinStatic	-1,859E-06	0	-0,762	0	0	0
32	LM71SVB	LinStatic	4,03E-08	0	0,153	0	0	0
32	SW2SVB	LinStatic	3,318E-08	0	0,126	0	0	0
32	SISMAVB	LinStatic	1,859E-06	0	0,762	0	0	0
33	PP	LinStatic	1,272E-05	0	2,732	0	0	0
33	REINTSUP	LinStatic	5,098E-07	0	1,794	0	0	0
33	BALLAST	LinStatic	3,463E-07	0	1,219	0	0	0
33	STERRASX	LinStatic	-1,66	0	2,681	0	0	0
33	STERRADX	LinStatic	1,66	0	-2,68	0	0	0
33	TERMP	LinStatic	-6E-06	0	0,002429	0	0	0
33	TERMN	LinStatic	1,8E-05	0	-0,007287	0	0	0
33	GRADTP	LinStatic	2,363E-05	0	0,003227	0	0	0
33	GRADTN	LinStatic	-2,363E-05	0	-0,003227	0	0	0
33	LM71C	LinStatic	1,464E-06	0	5,153	0	0	0
33	LM71SX	LinStatic	1,322E-06	0	-0,534	0	0	0
33	LM71DX	LinStatic	1,42E-07	0	5,687	0	0	0
33	STLM71	LinStatic	-1,404	0	2,598	0	0	0
33	AVVLM71	LinStatic	-0,856	0	3,167	0	0	0
33	SW2	LinStatic	1,206E-06	0	4,244	0	0	0
33	STSW2	LinStatic	-1,156	0	2,14	0	0	0
33	FRENSW2	LinStatic	-0,907	0	3,358	0	0	0
33	SERP	LinStatic	0	0	0	0	0	0
33	INCRTER	LinStatic	-1,635	0	3,026	0	0	0
33	LM71SISO	LinStatic	-0,306	0	1,134	0	0	0
33	SW2SISO	LinStatic	-0,252	0	0,934	0	0	0
33	SISMAO	LinStatic	-1,38	0	4,378	0	0	0
33	LM71SVA	LinStatic	-4,353E-08	0	-0,153	0	0	0
33	SW2SVA	LinStatic	-3,583E-08	0	-0,126	0	0	0
33	SISMAVA	LinStatic	-2,008E-06	0	-0,762	0	0	0
33	LM71SVB	LinStatic	4,353E-08	0	0,153	0	0	0
33	SW2SVB	LinStatic	3,583E-08	0	0,126	0	0	0
33	SISMAVB	LinStatic	2,008E-06	0	0,762	0	0	0
34	PP	LinStatic	1,367E-05	0	2,733	0	0	0
34	REINTSUP	LinStatic	5,476E-07	0	1,795	0	0	0
34	BALLAST	LinStatic	3,72E-07	0	1,219	0	0	0
34	STERRASX	LinStatic	-1,66	0	2,881	0	0	0
34	STERRADX	LinStatic	1,66	0	-2,881	0	0	0
34	TERMP	LinStatic	-6,444E-06	0	0,003226	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
34	TERMN	LinStatic	1,933E-05	0	-0,009678	0	0	0
34	GRADTP	LinStatic	2,538E-05	0	0,003681	0	0	0
34	GRADTN	LinStatic	-2,538E-05	0	-0,003681	0	0	0
34	LM71C	LinStatic	1,573E-06	0	5,155	0	0	0
34	LM71SX	LinStatic	1,492E-06	0	-0,765	0	0	0
34	LM71DX	LinStatic	8,033E-08	0	5,92	0	0	0
34	STLM71	LinStatic	-1,404	0	2,793	0	0	0
34	AVVLM71	LinStatic	-0,856	0	3,404	0	0	0
34	SW2	LinStatic	1,295E-06	0	4,246	0	0	0
34	STSW2	LinStatic	-1,156	0	2,301	-1,156	0	0
34	FRENSW2	LinStatic	-0,907	0	3,609	0	0	0
34	SERP	LinStatic	0	0	0	0	0	0
34	INCRTER	LinStatic	-1,635	0	3,252	0	0	0
34	LM71SISO	LinStatic	-0,306	0	1,219	0	0	0
34	SW2SISO	LinStatic	-0,252	0	1,003	0	0	0
34	SISMAO	LinStatic	-1,38	0	4,705	0	0	0
34	LM71SVA	LinStatic	-4,675E-08	0	-0,153	0	0	0
34	SW2SVA	LinStatic	-3,849E-08	0	-0,126	0	0	0
34	SISMAVA	LinStatic	-2,156E-06	0	-0,762	0	0	0
34	LM71SVB	LinStatic	4,675E-08	0	0,153	0	0	0
34	SW2SVB	LinStatic	3,849E-08	0	0,126	0	0	0
34	SISMAVB	LinStatic	2,156E-06	0	0,762	0	0	0
35	PP	LinStatic	1,359E-05	0	2,545	0	0	0
35	REINTSUP	LinStatic	5,447E-07	0	1,671	0	0	0
35	BALLAST	LinStatic	3,7E-07	0	1,135	0	0	0
35	STERRASX	LinStatic	-1,545	0	2,868	0	0	0
35	STERRADX	LinStatic	1,545	0	-2,869	0	0	0
35	TERMP	LinStatic	-6,41E-06	0	0,003798	0	0	0
35	TERMN	LinStatic	1,923E-05	0	-0,011	0	0	0
35	GRADTP	LinStatic	2,525E-05	0	0,003752	0	0	0
35	GRADTN	LinStatic	-2,525E-05	0	-0,003752	0	0	0
35	LM71C	LinStatic	1,564E-06	0	4,8	0	0	0
35	LM71SX	LinStatic	1,547E-06	0	-0,927	0	0	0
35	LM71DX	LinStatic	1,738E-08	0	5,726	0	0	0
35	STLM71	LinStatic	-1,306	0	2,78	0	0	0
35	AVVLM71	LinStatic	-0,796	0	3,388	0	0	0
35	SW2	LinStatic	1,288E-06	0	3,953	0	0	0
35	STSW2	LinStatic	-1,076	0	2,29	0	0	0
35	FRENSW2	LinStatic	-0,844	0	3,593	0	0	0
35	SERP	LinStatic	0	0	0	0	0	0
35	INCRTER	LinStatic	-1,521	0	3,237	0	0	0
35	LM71SISO	LinStatic	-0,285	0	1,213	0	0	0
35	SW2SISO	LinStatic	-0,235	0	0,999	0	0	0
35	SISMAO	LinStatic	-1,285	0	4,684	0	0	0
35	LM71SVA	LinStatic	-4,651E-08	0	-0,143	0	0	0
35	SW2SVA	LinStatic	-3,828E-08	0	-0,117	0	0	0
35	SISMAVA	LinStatic	-2,145E-06	0	-0,71	0	0	0
35	LM71SVB	LinStatic	4,651E-08	0	0,143	0	0	0
35	SW2SVB	LinStatic	3,828E-08	0	0,117	0	0	0
35	SISMAVB	LinStatic	2,145E-06	0	0,71	0	0	0
36	PP	LinStatic	1,328E-05	0	2,356	0	0	0
36	REINTSUP	LinStatic	5,321E-07	0	1,547	0	0	0
36	BALLAST	LinStatic	3,614E-07	0	1,051	0	0	0
36	STERRASX	LinStatic	-1,43	0	2,803	0	0	0
36	STERRADX	LinStatic	1,43	0	-2,805	0	0	0
36	TERMP	LinStatic	-6,262E-06	0	0,00419	0	0	0
36	TERMN	LinStatic	1,878E-05	0	-0,013	0	0	0
36	GRADTP	LinStatic	2,466E-05	0	0,00365	0	0	0
36	GRADTN	LinStatic	-2,466E-05	0	-0,00365	0	0	0
36	LM71C	LinStatic	1,528E-06	0	4,443	0	0	0
36	LM71SX	LinStatic	1,558E-06	0	-1,029	0	0	0
36	LM71DX	LinStatic	-2,963E-08	0	5,472	0	0	0
36	STLM71	LinStatic	-1,209	0	2,717	0	0	0
36	AVVLM71	LinStatic	-0,737	0	3,312	0	0	0
36	SW2	LinStatic	1,258E-06	0	3,659	0	0	0
36	STSW2	LinStatic	-0,996	0	2,238	0	0	0
36	FRENSW2	LinStatic	-0,781	0	3,511	0	0	0
36	SERP	LinStatic	0	0	0	0	0	0

Doc. N.

Progetto
INOR

Lotto
12

Codifica Documento
E E2 CL IN87 00 001

Rev.
A

Foglio
292 di 294

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
36	INCRTER	LinStatic	-1,408	0	3,164	0	0	0
36	LM71SISO	LinStatic	-0,264	0	1,186	0	0	0
36	SW2SISO	LinStatic	-0,217	0	0,976	0	0	0
36	SISMAO	LinStatic	-1,189	0	4,578	0	0	0
36	LM71SVA	LinStatic	-4,543E-08	0	-0,132	0	0	0
36	SW2SVA	LinStatic	-3,74E-08	0	-0,109	0	0	0
36	SISMAVA	LinStatic	-2,095E-06	0	-0,657	0	0	0
36	LM71SVB	LinStatic	4,543E-08	0	0,132	0	0	0
36	SW2SVB	LinStatic	3,74E-08	0	0,109	0	0	0
36	SISMAVB	LinStatic	2,095E-06	0	0,657	0	0	0
37	PP	LinStatic	6,988E-06	0	1,178	0	0	0
37	REINTSUP	LinStatic	2,8E-07	0	0,774	0	0	0
37	BALLAST	LinStatic	1,902E-07	0	0,526	0	0	0
37	STERRASX	LinStatic	-0,715	0	1,476	0	0	0
37	STERRADX	LinStatic	0,715	0	-1,478	0	0	0
37	TERMP	LinStatic	-3,296E-06	0	0,002451	0	0	0
37	TERMN	LinStatic	9,887E-06	0	-0,007353	0	0	0
37	GRADTP	LinStatic	1,298E-05	0	0,001871	0	0	0
37	GRADTN	LinStatic	-1,298E-05	0	-0,001871	0	0	0
37	LM71C	LinStatic	8,042E-07	0	2,222	0	0	0
37	LM71SX	LinStatic	8,418E-07	0	-0,6	0	0	0
37	LM71DX	LinStatic	-3,767E-08	0	2,823	0	0	0
37	STLM71	LinStatic	-0,604	0	1,431	0	0	0
37	AVVLM71	LinStatic	-0,368	0	1,744	0	0	0
37	SW2	LinStatic	6,623E-07	0	1,83	0	0	0
37	STSW2	LinStatic	-0,498	0	1,179	0	0	0
37	FRENSW2	LinStatic	-0,391	0	1,849	0	0	0
37	SERP	LinStatic	0	0	0	0	0	0
37	INCRTER	LinStatic	-0,704	0	1,667	0	0	0
37	LM71SISO	LinStatic	-0,132	0	0,624	0	0	0
37	SW2SISO	LinStatic	-0,109	0	0,514	0	0	0
37	SISMAO	LinStatic	-0,594	0	2,411	0	0	0
37	LM71SVA	LinStatic	-2,391E-08	0	-0,066	0	0	0
37	SW2SVA	LinStatic	-1,968E-08	0	-0,054	0	0	0
37	SISMAVA	LinStatic	-1,103E-06	0	-0,329	0	0	0
37	LM71SVB	LinStatic	2,391E-08	0	0,066	0	0	0
37	SW2SVB	LinStatic	1,968E-08	0	0,054	0	0	0
37	SISMAVB	LinStatic	1,103E-06	0	0,329	0	0	0

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
1	Local	18,75	18,75	187,5	0	0	0
2	Local	37,5	37,5	375	0	0	0
3	Local	40,52	40,52	405,24	0	0	0
4	Local	43,55	43,55	435,48	0	0	0
5	Local	43,55	43,55	435,48	0	0	0
6	Local	43,55	43,55	435,48	0	0	0
7	Local	43,55	43,55	435,48	0	0	0
8	Local	43,55	43,55	435,48	0	0	0
9	Local	43,55	43,55	435,48	0	0	0
10	Local	43,55	43,55	435,48	0	0	0
11	Local	43,55	43,55	435,48	0	0	0
12	Local	43,55	43,55	435,48	0	0	0
13	Local	43,55	43,55	435,48	0	0	0
14	Local	43,55	43,55	435,48	0	0	0
15	Local	43,55	43,55	435,48	0	0	0
16	Local	43,55	43,55	435,48	0	0	0
17	Local	43,55	43,55	435,48	0	0	0
18	Local	43,55	43,55	435,48	0	0	0
20	Local	43,55	43,55	435,48	0	0	0
21	Local	43,55	43,55	435,48	0	0	0
22	Local	43,55	43,55	435,48	0	0	0
23	Local	43,55	43,55	435,48	0	0	0
24	Local	43,55	43,55	435,48	0	0	0
25	Local	43,55	43,55	435,48	0	0	0



Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
293 di 294

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
26	Local	43,55	43,55	435,48	0	0	0
27	Local	43,55	43,55	435,48	0	0	0
28	Local	43,55	43,55	435,48	0	0	0
29	Local	43,55	43,55	435,48	0	0	0
30	Local	43,55	43,55	435,48	0	0	0
31	Local	43,55	43,55	435,48	0	0	0
32	Local	43,55	43,55	435,48	0	0	0
33	Local	43,55	43,55	435,48	0	0	0
34	Local	43,55	43,55	435,48	0	0	0
35	Local	40,52	40,52	405,24	0	0	0
36	Local	37,5	37,5	375	0	0	0
37	Local	18,75	18,75	187,5	0	0	0
19	Local	43,55	43,55	435,48	0	0	0

Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
PP	LinStatic	Zero				Prog Det	Dead
REINTSUP	LinStatic	Zero				Prog Det	Live
BALLAST	LinStatic	Zero				Prog Det	Live
STERRASX	LinStatic	Zero				Prog Det	Live
STERRADX	LinStatic	Zero				Prog Det	Live
TERMP	LinStatic	Zero				Prog Det	Live
TERMN	LinStatic	Zero				Prog Det	Live
GRADTP	LinStatic	Zero				Prog Det	Live
GRADTN	LinStatic	Zero				Prog Det	Live
LM71C	LinStatic	Zero				Prog Det	Live
LM71SX	LinStatic	Zero				Prog Det	Live
LM71DX	LinStatic	Zero				Prog Det	Live
STLM71	LinStatic	Zero				Prog Det	Live
AVVLM71	LinStatic	Zero				Prog Det	Live
SW2	LinStatic	Zero				Prog Det	Live
STSW2	LinStatic	Zero				Prog Det	Live
FRENSW2	LinStatic	Zero				Prog Det	Live
SERP	LinStatic	Zero				Prog Det	Live
INCRTER	LinStatic	Zero				Prog Det	Live
LM71SISO	LinStatic	Zero				Prog Det	Live
SW2SISO	LinStatic	Zero				Prog Det	Live
SISMAO	LinStatic	Zero				Prog Det	Live
LM71SVA	LinStatic	Zero				Prog Det	Live
SW2SVA	LinStatic	Zero				Prog Det	Live
SISMAVA	LinStatic	Zero				Prog Det	Live
LM71SVB	LinStatic	Zero				Prog Det	Live
SW2SVB	LinStatic	Zero				Prog Det	Live
SISMAVB	LinStatic	Zero				Prog Det	Live

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
PP	Prog Det		None	Yes	Finished	
REINTSUP	Prog Det		None	Yes	Finished	
BALLAST	Prog Det		None	Yes	Finished	
STERRASX	Prog Det		None	Yes	Finished	
STERRADX	Prog Det		None	Yes	Finished	
TERMP	Prog Det		None	Yes	Finished	
TERMN	Prog Det		None	Yes	Finished	
GRADTP	Prog Det		None	Yes	Finished	
GRADTN	Prog Det		None	Yes	Finished	
LM71C	Prog Det		None	Yes	Finished	
LM71SX	Prog Det		None	Yes	Finished	
LM71DX	Prog Det		None	Yes	Finished	
STLM71	Prog Det		None	Yes	Finished	
AVVLM71	Prog Det		None	Yes	Finished	
SW2	Prog Det		None	Yes	Finished	

Doc. N.

Progetto
INORLotto
12Codifica Documento
E E2 CL IN87 00 001Rev.
AFoglio
294 di 294

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
STSW2	Prog Det		None	Yes	Finished	
FRENSW2	Prog Det		None	Yes	Finished	
SERP	Prog Det		None	Yes	Finished	
INCRTER	Prog Det		None	Yes	Finished	
LM71SISO	Prog Det		None	Yes	Finished	
SW2SISO	Prog Det		None	Yes	Finished	
SISMAO	Prog Det		None	Yes	Finished	
LM71SVA	Prog Det		None	Yes	Finished	
SW2SVA	Prog Det		None	Yes	Finished	
SISMAVA	Prog Det		None	Yes	Finished	
LM71SVB	Prog Det		None	Yes	Finished	
SW2SVB	Prog Det		None	Yes	Finished	
SISMAVB	Prog Det		None	Yes	Finished	

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

Case	Notes
PP	
REINTSUP	
BALLAST	
STERRASX	
STERRADX	
TERMP	
TERMN	
GRADTP	
GRADTN	
LM71C	
LM71SX	
LM71DX	
STLM71	
AVVLM71	
SW2	
STSW2	
FRENSW2	
SERP	
INCRTER	
LM71SISO	
SW2SISO	
SISMAO	
LM71SVA	
SW2SVA	
SISMAVA	
LM71SVB	
SW2SVB	
SISMAVB	

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

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

Material	Type	SymType	TempDepend	Color	GUID
C25/30	Concrete	Isotropic	No	Green	
C32/40	Concrete	Isotropic	No	Green	

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
C25/30	25000	25000	No	Mander	Takeda	0,001613	0,005	-0,1
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1