

REGIONE MARCHE
PROVINCIA DI FERMO
COMUNE DI FERMO

IMPIANTO DI TRATTAMENTO ANAEROBICO DELLA FRAZIONE ORGANICA DEI
RIFIUTI SOLIDI URBANI PER LA PRODUZIONE DI BIOMETANO

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PROGETTO ESECUTIVO

NOME ELABORATO EDIFICIO 2 SCARICHI AL PIEDE		CLASSE	10.4
		STRUTTURE CAPANNONE CONFERIMENTO E TRATTAMENTO	
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00	28/06/2024	PRIMA EMISSIONE	U.CALLARI	C. BUTTICE'	R. MARTELLO
REV	DATA	DESCRIZIONE	ESEGUITO	VERIFICATO	APPROVATO

Committente	Progettista indicato	Mandataria
 CITTA' DI FERMO Settore IV e V Lavori Pubblici, Protezione Civile, Ambiente, Urbanistica, Patrimonio, Contratti e Appalti Via Mazzini 4 63900 – Fermo (FM) DOTT. Mauro Fortuna RUP	 Via Resuttana 360 90142 -PALERMO OWAC Engineering Company S.R.L. ING. Rocco Martello Direttore Tecnico UNI EN ISO 9001:2015 N. 30233/14/S UNI EN ISO 45001:2018 N. OHS-4849 UNI EN ISO 14001:2015 N. EMS-9477/S UNI/PDR 74 :2019 N. SGBIM-01/23 UNI/PdR 74:2019 N. 21042BIM	 Via del Cardoncello 22 70022 – Altamura (BA) EDILALTA S.R.L. DOTT. Angelantonio Disabato Socio Mandante  Via Bassa di Casalmoro 3 46041 – Asola (MN) ANAERGIA S.R.L. DOTT. Andrea Parisi Istitore

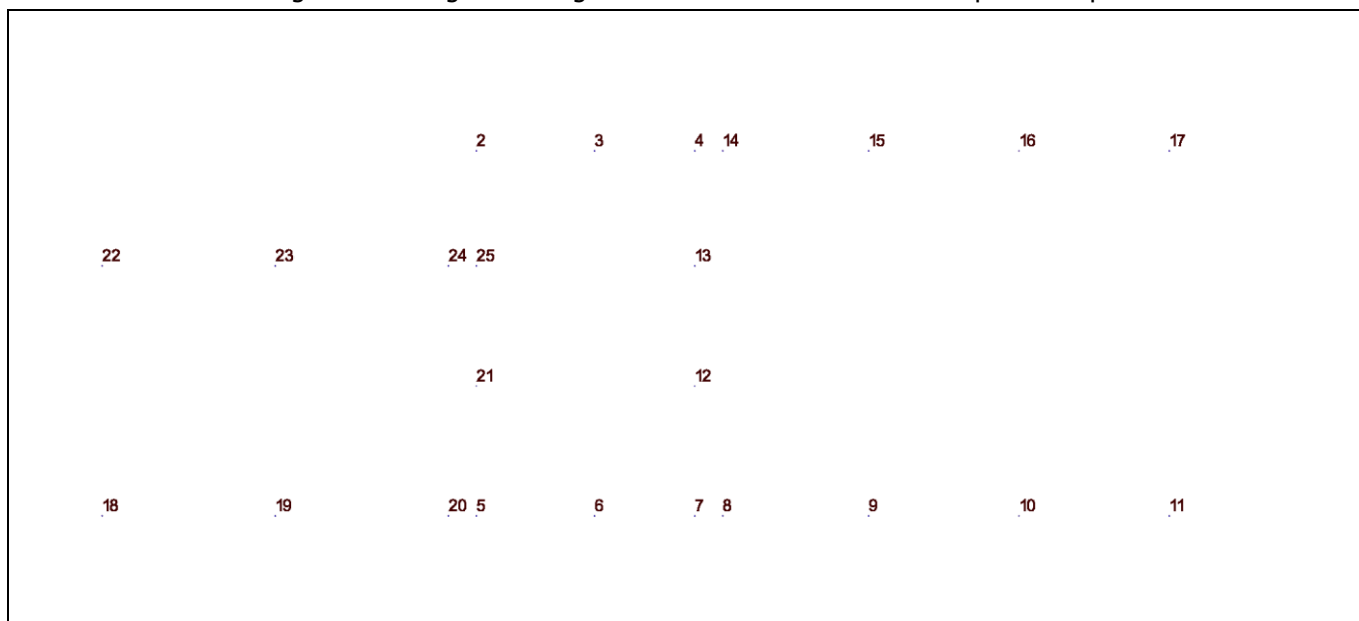


00	U.CALLARI	27/06/2024	C.BUTTICE'	28/06/2024	R.MARTELLO	28/06/2024
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1 - SOLLECITAZIONI AL PIEDE DEI PILASTRI

Nella seguente immagine è raffigurata la numerazione dei nodi al piede dei pilastri.



1.1 - GERARCHIA DELLE RESISTENZE

Il nodo pilastro fondazione è un nodo in zona dissipativa, pertanto, va dimensionato con uno dei seguenti metodi:

Collegamenti sovradimensionati o di tipo b)

Le parti degli elementi adiacenti alle unioni devono essere dimensionate con gli stessi procedimenti della progettazione in capacità previsti nel § 7.4.4 per le strutture gettate in opera, in funzione della classe di duttilità adottata, e dotate dei relativi dettagli di armatura che ne assicurino la prevista duttilità. Si utilizza il fattore di sovrarresistenza di cui alla Tab. 7.2.I.

Le armature longitudinali delle connessioni devono essere completamente ancorate prima delle sezioni terminali delle zone dissipative. Le armature delle zone dissipative devono essere completamente ancorate fuori delle connessioni.

Per strutture in CD "A" non è ammessa la giunzione dei pilastri all'interno dei nodi e delle zone dissipative.

Collegamenti che dissipano energia o di tipo c)

Previa dimostrazione analitica che il funzionamento del collegamento è equivalente a quello di uno interamente realizzato in opera e che soddisfi le prescrizioni di cui al § 7.4.4, la struttura è assimilabile ad una di tipo monolitico.

L'idoneità di giunzioni atte a realizzare il meccanismo plastico previsto per le strutture a telaio e a soddisfare le richieste globali e locali di duttilità ciclica nella misura corrispondente alle CD "A" e "B" può essere desunta da normative di comprovata validità oppure da prove sperimentali in scala reale che includano almeno tre cicli completi di deformazione di ampiezza corrispondente al fattore di comportamento q , eseguite su sotto-insiemi strutturali significativi.

Nel caso dei bicchieri si dimensiona il collegamento (il solo bicchiere) col metodo B utilizzando per il momento e il taglio i momenti resistenti e il taglio resistente del pilastro amplificato del fattore $\gamma_{rd}=1,20$.

1.2 - AZIONI PER IL DIMENSIONAMENTO DEI BICCHIERI

Nel caso di fondazioni a bicchiere i lati del foro del bicchiere per l'inserimento del pilastro dovrebbero avere una lunghezza pari a 20 cm superiore alla lunghezza dei lati del pilastro (con un minimo di 15 cm) per permettere il corretto inserimento del pilastro e la gestione di eventuali imperfezioni nella realizzazione della stessa fondazione.

- **Per i pilastri di dimensioni 70x80 cm il foro avrà dimensioni pari a 90x100 cm.** (minimo inderogabile 85x95 cm)
- **Per i pilastri di dimensioni 80x80 cm il foro avrà dimensioni pari a 100x100 cm.** (minimo inderogabile 95x95 cm)
- **Per i pilastri di dimensioni 90x80 cm il foro avrà dimensioni pari a 110x100 cm.** (minimo inderogabile 105x95 cm)
- **Per i pilastri di dimensioni 90x60 cm il foro avrà dimensioni pari a 110x80 cm.** (minimo inderogabile 105x75 cm)

L'altezza del bicchiere è funzione delle eccentricità di carico e nel caso in esame si prescrive pari a:

- Pilastri 70x80 e 80x80 - 160 cm
- Pilastri 80x90 – 180 cm
- Pilastri 60x90 – 150 cm

Eventuali modifiche a questa prescrizione a discrezione del progettista delle fondazioni devono esserci comunicate ufficialmente prima dell'inizio della produzione pena l'impossibilità del montaggio della struttura.

Per il montaggio dei pannelli di tamponamento, ove presenti, deve essere realizzato un cordolo con estradosso alla stessa quota dell'estradosso dei bicchieri e ad esso opportunamente connesso.

La posizione del cordolo deve essere tale da risultare centrato rispetto ai pannelli di tamponamento che hanno spessore complessivo pari a 22 cm, pertanto ci sarà un disassamento fra l'asse del cordolo e l'asse dei pilastri. Si controllino attentamente disegni della pianta pilastri/pannelli.

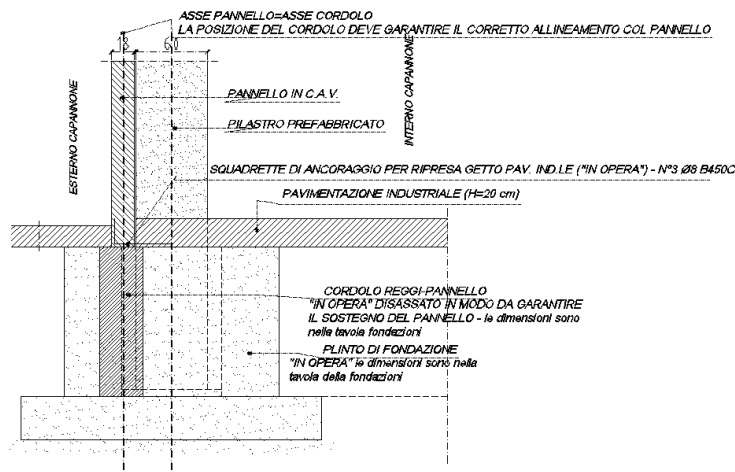
Il cordolo deve essere dimensionato per sostenere il peso dei pannelli: Il carico da applicare ai cordoli sarà pari ad almeno:

- Per pannelli alti 9.90 si adotta 38.4 N/ml;
- Per pannelli alti 11.60 si adotta 46.4 N/ml;
- Per pannelli alti 13.70 si adotta 54.8 N/ml;
- Per pannelli con altezza media pari 10.35 metri si adotta 41.4 N/ml.
- Per pannelli con altezza media pari 10.55 metri si adotta 42.2 N/ml;
- Per pannelli con altezza media pari 14.07 metri si adotta 56.28 N/ml;
- Per pannelli con altezza media pari 12.25 metri si adotta 49 N/ml.

Si controllino attentamente gli interassi dei pilastri nella pianta strutturale fornita con il calcolo che potrebbero differire da quelli indicati nei disegni preliminari.

A garanzia della corretta accoppiabilità fra fondazione e struttura prefabbricata una copia del progetto delle fondazioni ci deve essere fornita in formato dwg prima dell'inizio della produzione.

SCHEMA TIPOLOGICO PLINTO E CORDOLO

Particolare appoggio pannelli**1.2.1 SOLLECITAZIONI DA GERARCHIA PER IL SOLO DIMENSIONAMENTO DEI BICCHIERI**

- PILASTRI 70x80**

$$N=423.52 \text{ kN}$$

$$M_{rdx,pilastro}=2079.3 \text{ kNm} \times 1.2 = 2495.16 \text{ kNm}$$

$$M_{rdy,pilastro}=1772.9 \text{ kNm} \times 1.2 = 2127.48 \text{ kNm}$$

$$V_{x,pl}=209.81 \times 1.2 = 251.78 \text{ kN}$$

$$V_{y,pl}=246.06 \times 1.2 = 295.28 \text{ kN}$$

I valori di momento e taglio sono già amplificati del coefficiente di sovraresistenza pari a $\gamma_{rd}=1,20$

- PILASTRI 80x80**

$$N=342.60 \text{ kN}$$

$$M_{rdx,pilastro}=2736.7 \times 1.2 = 3284.04 \text{ kNm}$$

$$M_{rdy,pilastro}=2736.7 \times 1.2 = 3284.04 \text{ kNm}$$

$$V_{x,pl}=323.86 \times 1.2 = 388.64 \text{ kN}$$

$$V_{y,pl}=323.86 \times 1.2 = 388.64 \text{ kN}$$

I valori di momento e taglio sono già amplificati del coefficiente di sovraresistenza pari a $\gamma_{rd}=1,20$

- PILASTRI 90x80**

$$N=459.40 \text{ kN}$$

$$M_{rdx,pilastro}=2554.43 \times 1.20 = 3065.32 \text{ kNm}$$

$$M_{rdy,pilastro}=2928.96 \times 1.20 = 3514.75 \text{ kNm}$$

$$V_{x,pl}=288.56 \times 1.2 = 346.28 \text{ kN}$$

$$V_{y,pl}=251.66 \times 1.2 = 302.00 \text{ kN}$$

I valori di momento e taglio sono già amplificati del coefficiente di sovraresistenza pari a $\gamma_{rd}=1,20$

- **PILASTRI 90x60**

$$N=236.74 \text{ kN}$$

$$M_{rdx,pilastro}=777.56 \times 1.2 = 933.07 \text{ kNm}$$

$$M_{rdy,pilastro}=1231.48 \times 1.2 = 1477.32 \text{ kNm}$$

$$V_{x,pl}=125.02 \times 1.35 = 150.03 \text{ kN}$$

$$V_{y,pl}=78.94 \times 1.2 = 94.73 \text{ kN}$$

I valori di momento e taglio sono già amplificati del coefficiente di sovraresistenza pari a $\gamma_d=1,20$

1.3 - REAZIONI VINCOLARI PER IL DIMENSIONAMENTO DELLE FONDAZIONI

Si trasmettono le reazioni vincolari al piede dei pilastri PER CIASCUNA CONDIZIONE DI CARICO ELEMENTARE.

ATTENZIONE: Essendo la struttura progettata in classe di duttilità BASSA i tagli e i momenti delle condizioni ELEMENTARI SISMICHE devono essere moltiplicati per 1,1.

CONVENZIONE DEI SEGNI

Le sollecitazioni indicate in seguito sono riferite al sistema di riferimento assoluto X,Y,Z orientato come in figura con asse Z che esce da foglio. Le forze sono positive quando concordi agli assi.

Il verso positivo dei momenti è quello che segue la regola della mano destra (M_x è positivo se ruota Y su Z, M_y è positivo se ruota Z su X).

Si ricorda che quelle qui riportate sono REAZIONI VINCOLARI pertanto agiscono in verso opposto rispetto ai carichi che saranno inputati sulle fondazioni.



Vengono forniti gli scarichi al piede secondo due metodologie, il progettista sceglierà quella riterrà più comoda al suo caso.

1.3.1 METODO 1: REAZIONI VINCOLARI NELLE CONDIZIONI DI CARICO ELEMENTARI

ATTENZIONE: Essendo la struttura progettata in classe di duttilità **BASSA** i tagli e i momenti delle condizioni **ELEMENTARI** sismiche devono essere moltiplicati per **1,1**.

Nodo: Nodo sollecitato dalla reazione vincolare. **Ind.:** indice del nodo.

Cont.: Contesto a cui si riferisce la reazione vincolare. **N.br.:** nome breve della condizione o combinazione di carico.

Reazione a traslazione: reazione vincolare traslazionale del nodo.

x: componente X della reazione vincolare del nodo. [kN]

y: componente Y della reazione vincolare del nodo. [kN]

z: componente Z della reazione vincolare del nodo. [kN]

Reazione a rotazione: reazione vincolare rotazionale del nodo.

x: componente X della reazione a rotazione del nodo. [kN*m]

y: componente Y della reazione a rotazione del nodo. [kN*m]

Nodo	Cont.	Reazione a traslazione			Reazione a rotazione	
Ind.	N.br.	x	y	z	x	y
2	Pesi	0.22	0.00	386.54	0.00	0.77
2	Port.	2.86	-3.83	110.26	21.66	-6.33
2	Neve	0.00	0.00	28.50	0.00	0.00
2	Variabile H	0.00	0.00	16.57	0.00	0.00
2	Vento a	-0.29	-16.14	0.00	197.72	-3.60
2	Vento b	8.55	1.67	0.00	-20.41	104.72
2	Vento c	0.30	16.54	0.00	-202.61	3.69
2	Vento d	-11.32	-2.21	0.00	27.02	-138.63
2	ΔT	2.69	-4.40	0.00	53.84	32.97
2	SLV X	-193.00	-49.07	0.00	542.03	-2217.03
2	SLV Y	21.06	-131.39	0.00	1486.33	242.16
2	EySx SLV	-6.48	-2.76	0.00	33.70	-79.41
2	ExSy SLV	4.27	1.82	0.00	-22.20	52.31
2	SLD X	-182.32	-47.00	0.00	518.52	-2094.29
2	SLD Y	19.89	-124.10	0.00	1403.91	228.74
2	EySx SLD	-6.12	-2.61	0.00	31.83	-75.01
2	ExSy SLD	4.13	1.76	0.00	-21.49	50.63
2	SLO X	-209.40	-53.03	0.00	586.00	-2405.51
2	SLO Y	22.85	-142.56	0.00	1612.71	262.73
2	EySx SLO	-7.03	-2.99	0.00	36.57	-86.17
2	ExSy SLO	4.57	1.95	0.00	-23.78	56.04
3	Pesi	0.00	0.00	469.70	0.00	0.00
3	Port.	-1.84	0.04	24.49	-0.53	-22.50
3	Neve	0.00	0.00	52.66	0.00	0.00
3	Variabile H	0.00	0.00	30.62	0.00	0.00
3	Vento a	-0.29	-16.00	0.00	195.99	-3.60
3	Vento b	8.53	-0.09	0.00	1.09	104.49
3	Vento c	0.30	16.40	0.00	-200.89	3.68
3	Vento d	-11.29	0.12	0.00	-1.45	-138.33
3	ΔT	-0.14	-4.39	0.00	53.74	-1.76
3	SLV X	-175.05	9.41	0.00	-115.23	-2144.28
3	SLV Y	19.13	-118.44	0.00	1450.69	234.36
3	EySx SLV	-6.47	0.15	0.00	-1.78	-79.23
3	ExSy SLV	4.26	-0.10	0.00	1.17	52.20
3	SLD X	-165.35	8.89	0.00	-108.84	-2025.54
3	SLD Y	18.07	-111.87	0.00	1370.15	221.36
3	EySx SLD	-6.11	0.14	0.00	-1.68	-74.84
3	ExSy SLD	4.12	-0.09	0.00	1.14	50.52
3	SLO X	-189.93	10.21	0.00	-125.02	-2326.60
3	SLO Y	20.76	-128.51	0.00	1574.04	254.26
3	EySx SLO	-7.02	0.16	0.00	-1.93	-85.98
3	ExSy SLO	4.56	-0.10	0.00	1.26	55.92
4	Pesi	-0.22	0.00	371.03	0.00	-0.77

4	Port.	-6.55	3.78	108.24	-21.13	-38.78
4	Neve	0.00	0.00	24.16	0.00	0.00
4	Variabile H	0.00	0.00	14.05	0.00	0.00
4	Vento a	-0.29	-15.89	0.00	194.64	-3.60
4	Vento b	8.55	-1.58	0.00	19.32	104.70
4	Vento c	0.30	16.28	0.00	-199.44	3.69
4	Vento d	-11.32	2.09	0.00	-25.57	-138.60
4	ΔT	-2.55	-4.40	0.00	53.84	-31.21
4	SLV X	-192.99	40.46	0.00	-448.90	-2216.93
4	SLV Y	21.06	-135.52	0.00	1534.13	242.15
4	EySx SLV	-6.48	2.61	0.00	-31.92	-79.40
4	ExSy SLV	4.27	-1.72	0.00	21.03	52.31
4	SLD X	-182.31	38.73	0.00	-429.05	-2094.20
4	SLD Y	19.89	-127.99	0.00	1448.89	228.73
4	EySx SLD	-6.12	2.47	0.00	-30.15	-75.00
4	ExSy SLD	4.13	-1.67	0.00	20.35	50.62
4	SLO X	-209.39	43.73	0.00	-485.32	-2405.41
4	SLO Y	22.84	-147.05	0.00	1664.57	262.72
4	EySx SLO	-7.03	2.84	0.00	-34.64	-86.16
4	ExSy SLO	4.57	-1.84	0.00	22.52	56.03
5	Pesi	0.29	0.00	349.14	0.00	0.79
5	Port.	7.32	-5.03	110.26	25.79	32.89
5	Neve	0.00	0.00	28.50	0.00	0.00
5	Variabile H	0.00	0.00	16.57	0.00	0.00
5	Vento a	0.29	-28.35	0.00	287.75	2.98
5	Vento b	2.67	2.96	0.00	-29.94	27.13
5	Vento c	-0.30	29.01	0.00	-294.46	-3.06
5	Vento d	-3.54	-3.91	0.00	39.64	-35.91
5	ΔT	4.73	4.40	0.00	-44.64	47.99
5	SLV X	-157.81	-80.80	0.00	772.07	-1506.89
5	SLV Y	-13.24	-218.95	0.00	2122.59	-128.27
5	EySx SLV	6.48	-4.82	0.00	48.86	65.82
5	ExSy SLV	-4.27	3.18	0.00	-32.18	-43.36
5	SLD X	-153.89	-77.31	0.00	738.21	-1468.83
5	SLD Y	-12.64	-206.80	0.00	2004.88	-122.41
5	EySx SLD	6.13	-4.56	0.00	46.15	62.17
5	ExSy SLD	-4.13	3.08	0.00	-31.15	-41.96
5	SLO X	-169.58	-87.34	0.00	834.83	-1619.55
5	SLO Y	-14.32	-237.56	0.00	2303.07	-138.80
5	EySx SLO	7.04	-5.23	0.00	53.02	71.42
5	ExSy SLO	-4.58	3.40	0.00	-34.48	-46.45
6	Pesi	0.00	0.00	431.91	0.00	0.00
6	Port.	1.84	0.08	24.49	-0.77	18.64
6	Neve	0.00	0.00	52.66	0.00	0.00
6	Variabile H	0.00	0.00	30.62	0.00	0.00
6	Vento a	0.29	-28.07	0.00	284.86	2.98
6	Vento b	2.66	-0.16	0.00	1.59	27.03
6	Vento c	-0.30	28.71	0.00	-291.42	-3.05
6	Vento d	-3.53	0.21	0.00	-2.10	-35.79
6	ΔT	-0.25	4.38	0.00	-44.49	-2.56
6	SLV X	-143.76	16.49	0.00	-167.39	-1459.19
6	SLV Y	-12.33	-207.66	0.00	2107.55	-125.11
6	EySx SLV	6.46	0.25	0.00	-2.50	65.59
6	ExSy SLV	-4.26	-0.16	0.00	1.64	-43.21
6	SLD X	-140.10	15.58	0.00	-158.12	-1422.02
6	SLD Y	-11.76	-196.13	0.00	1990.54	-119.37
6	EySx SLD	6.10	0.23	0.00	-2.36	61.95
6	ExSy SLD	-4.12	-0.16	0.00	1.59	-41.82
6	SLO X	-154.52	17.90	0.00	-181.62	-1568.40
6	SLO Y	-13.34	-225.31	0.00	2286.75	-135.39
6	EySx SLO	7.01	0.27	0.00	-2.71	71.17
6	ExSy SLO	-4.56	-0.17	0.00	1.76	-46.28
7	Pesi	-0.29	0.00	333.63	0.00	-0.79
7	Port.	-3.64	4.95	108.24	-25.02	4.48
7	Neve	0.00	0.00	24.16	0.00	0.00

7	Variabile H	0.00	0.00	14.05	0.00	0.00
7	Vento a	0.29	-27.91	0.00	283.25	2.99
7	Vento b	2.67	-2.80	0.00	28.35	27.13
7	Vento c	-0.30	28.56	0.00	-289.88	-3.06
7	Vento d	-3.54	3.71	0.00	-37.54	-35.91
7	ΔT	-4.48	4.40	0.00	-44.63	-45.43
7	SLV X	-157.82	66.91	0.00	-641.05	-1506.89
7	SLV Y	-13.23	-226.08	0.00	2192.63	-128.26
7	EySx SLV	6.49	4.58	0.00	-46.36	65.83
7	ExSy SLV	-4.27	-3.02	0.00	30.54	-43.37
7	SLD X	-153.90	63.97	0.00	-612.37	-1468.83
7	SLD Y	-12.64	-213.52	0.00	2070.79	-122.40
7	EySx SLD	6.13	4.32	0.00	-43.79	62.18
7	ExSy SLD	-4.14	-2.92	0.00	29.56	-41.97
7	SLO X	-169.59	72.33	0.00	-693.16	-1619.55
7	SLO Y	-14.32	-245.31	0.00	2379.05	-138.79
7	EySx SLO	7.04	4.97	0.00	-50.31	71.44
7	ExSy SLO	-4.58	-3.23	0.00	32.72	-46.46
8	Pesi	0.00	0.00	321.87	0.00	0.00
8	Port.	0.00	0.00	16.35	0.00	0.00
8	Neve	0.00	0.00	35.15	0.00	0.00
8	Variabile H	0.00	0.00	20.44	0.00	0.00
8	Vento a	-0.09	-28.50	0.00	240.87	-0.73
8	Vento b	15.93	0.04	0.00	-0.37	134.65
8	Vento c	0.09	28.48	0.00	-240.63	0.73
8	Vento d	-12.03	-0.03	0.00	0.28	-101.69
8	ΔT	11.33	9.27	0.00	-78.33	95.70
8	SLV X	-245.39	-0.37	0.00	3.14	-2073.55
8	SLV Y	-64.14	-163.24	0.00	1379.59	-541.97
8	EySx SLV	4.15	-5.75	0.00	48.57	35.08
8	ExSy SLV	-5.59	7.75	0.00	-65.40	-47.22
8	SLD X	-231.76	-0.35	0.00	2.98	-1958.40
8	SLD Y	-62.42	-158.97	0.00	1343.57	-527.44
8	EySx SLD	3.92	-5.44	0.00	45.88	33.13
8	ExSy SLD	-5.41	7.50	0.00	-63.29	-45.70
8	SLO X	-266.25	-0.40	0.00	3.41	-2249.80
8	SLO Y	-68.71	-174.86	0.00	1477.87	-580.57
8	EySx SLO	4.50	-6.24	0.00	52.71	38.06
8	ExSy SLO	-5.99	8.30	0.00	-70.06	-50.59
9	Pesi	0.00	0.00	434.39	0.00	0.00
9	Port.	0.00	0.00	33.21	0.00	0.00
9	Neve	0.00	0.00	71.39	0.00	0.00
9	Variabile H	0.00	0.00	41.51	0.00	0.00
9	Vento a	-0.06	-25.18	0.00	212.76	-0.49
9	Vento b	10.69	0.00	0.00	-0.01	90.37
9	Vento c	0.06	25.14	0.00	-212.43	0.49
9	Vento d	-8.08	0.00	0.00	0.00	-68.25
9	ΔT	2.61	8.12	0.00	-68.60	22.08
9	SLV X	-164.74	-0.03	0.00	0.28	-1392.03
9	SLV Y	-43.06	-165.82	0.00	1401.20	-363.86
9	EySx SLV	2.79	-1.73	0.00	14.58	23.54
9	ExSy SLV	-3.75	2.32	0.00	-19.63	-31.70
9	SLD X	-155.59	-0.03	0.00	0.27	-1314.73
9	SLD Y	-41.91	-160.83	0.00	1359.02	-354.10
9	EySx SLD	2.63	-1.63	0.00	13.77	22.24
9	ExSy SLD	-3.63	2.25	0.00	-19.00	-30.68
9	SLO X	-178.74	-0.03	0.00	0.29	-1510.35
9	SLO Y	-46.13	-177.64	0.00	1501.01	-389.78
9	EySx SLO	3.02	-1.87	0.00	15.82	25.55
9	ExSy SLO	-4.02	2.49	0.00	-21.03	-33.96
10	Pesi	0.00	0.00	438.27	0.00	0.00
10	Port.	0.00	0.00	33.71	0.00	0.00
10	Neve	0.00	0.00	72.48	0.00	0.00
10	Variabile H	0.00	0.00	42.14	0.00	0.00
10	Vento a	-0.06	-25.26	0.00	213.41	-0.48

10	Vento b	10.70	0.00	0.00	0.00	90.38
10	Vento c	0.06	25.22	0.00	-213.08	0.48
10	Vento d	-8.08	0.00	0.00	0.00	-68.26
10	ΔT	-2.52	8.12	0.00	-68.60	-21.30
10	SLV X	-164.74	0.04	0.00	-0.37	-1392.08
10	SLV Y	-43.06	-198.18	0.00	1674.61	-363.87
10	EySx SLV	2.79	1.65	0.00	-13.90	23.55
10	ExSy SLV	-3.75	-2.21	0.00	18.72	-31.70
10	SLD X	-155.59	0.04	0.00	-0.36	-1314.77
10	SLD Y	-41.91	-191.85	0.00	1621.13	-354.11
10	EySx SLD	2.63	1.55	0.00	-13.13	22.24
10	ExSy SLD	-3.63	-2.14	0.00	18.11	-30.68
10	SLO X	-178.75	0.05	0.00	-0.40	-1510.41
10	SLO Y	-46.13	-212.30	0.00	1793.90	-389.78
10	EySx SLO	3.02	1.79	0.00	-15.09	25.55
10	ExSy SLO	-4.02	-2.37	0.00	20.05	-33.96
11	Pesi	0.00	0.00	325.75	0.00	0.00
11	Port.	0.00	0.00	16.86	0.00	0.00
11	Neve	0.00	0.00	36.24	0.00	0.00
11	Variabile H	0.00	0.00	21.07	0.00	0.00
11	Vento a	-0.08	-28.75	0.00	242.98	-0.71
11	Vento b	15.94	-0.04	0.00	0.37	134.70
11	Vento c	0.08	28.73	0.00	-242.73	0.71
11	Vento d	-12.04	0.03	0.00	-0.28	-101.72
11	ΔT	-11.42	9.27	0.00	-78.33	-96.48
11	SLV X	-245.41	0.38	0.00	-3.25	-2073.69
11	SLV Y	-64.14	-269.24	0.00	2274.53	-541.99
11	EySx SLV	4.15	5.83	0.00	-49.25	35.11
11	ExSy SLV	-5.59	-7.86	0.00	66.31	-47.27
11	SLD X	-231.78	0.36	0.00	-3.05	-1958.53
11	SLD Y	-62.42	-260.50	0.00	2200.71	-527.45
11	EySx SLD	3.92	5.51	0.00	-46.52	33.16
11	ExSy SLD	-5.41	-7.60	0.00	64.17	-45.74
11	SLO X	-266.27	0.42	0.00	-3.53	-2249.94
11	SLO Y	-68.71	-288.42	0.00	2436.56	-580.59
11	EySx SLO	4.51	6.33	0.00	-53.44	38.10
11	ExSy SLO	-5.99	-8.41	0.00	71.03	-50.63
12	Pesi	0.00	0.00	139.74	0.00	4.06
12	Port.	6.00	9.00	97.00	-66.15	102.30
12	Vento a	0.00	0.00	0.00	0.00	0.00
12	Vento b	0.00	0.00	0.00	0.00	0.00
12	Vento c	0.00	0.00	0.00	0.00	0.00
12	Vento d	0.00	0.00	0.00	0.00	0.00
12	ΔT	0.00	0.00	0.00	0.00	0.00
12	SLV X	-66.91	0.00	0.00	0.00	-516.10
12	SLV Y	0.00	-66.90	0.00	516.06	-0.02
12	EySx SLV	0.00	0.00	0.00	0.00	0.00
12	ExSy SLV	0.00	0.00	0.00	0.00	0.00
12	SLD X	-65.90	0.00	0.00	0.00	-508.30
12	SLD Y	0.00	-65.89	0.00	508.26	-0.02
12	EySx SLD	0.00	0.00	0.00	0.00	0.00
12	ExSy SLD	0.00	0.00	0.00	0.00	0.00
12	SLO X	-71.67	0.00	0.00	0.00	-552.86
12	SLO Y	0.00	-71.66	0.00	552.82	-0.02
12	EySx SLO	0.00	0.00	0.00	0.00	0.00
12	ExSy SLO	0.00	0.00	0.00	0.00	0.00
13	Pesi	0.00	0.00	139.34	0.00	3.82
13	Port.	6.00	9.00	97.00	-66.15	102.30
13	Vento a	0.00	0.00	0.00	0.00	0.00
13	Vento b	0.00	0.00	0.00	0.00	0.00
13	Vento c	0.00	0.00	0.00	0.00	0.00
13	Vento d	0.00	0.00	0.00	0.00	0.00
13	ΔT	0.00	0.00	0.00	0.00	0.00
13	SLV X	-66.74	0.00	0.00	0.00	-514.82
13	SLV Y	-0.01	-66.73	0.00	514.86	0.04

13	EySx SLV	0.00	0.00	0.00	0.00	0.00
13	ExSy SLV	0.00	0.00	0.00	0.00	0.00
13	SLD X	-65.73	0.00	0.00	0.00	-507.04
13	SLD Y	-0.01	-65.73	0.00	507.08	0.04
13	EySx SLD	0.00	0.00	0.00	0.00	0.00
13	ExSy SLD	0.00	0.00	0.00	0.00	0.00
13	SLO X	-71.49	0.00	0.00	0.00	-551.49
13	SLO Y	-0.01	-71.49	0.00	551.53	0.04
13	EySx SLO	0.00	0.00	0.00	0.00	0.00
13	ExSy SLO	0.00	0.00	0.00	0.00	0.00
14	Pesi	0.00	0.00	321.87	0.00	0.00
14	Port.	0.00	0.00	16.35	0.00	0.00
14	Neve	0.00	0.00	35.15	0.00	0.00
14	Variabile H	0.00	0.00	20.44	0.00	0.00
14	Vento a	0.09	-28.48	0.00	240.62	0.73
14	Vento b	15.93	-0.03	0.00	0.29	134.58
14	Vento c	-0.09	28.50	0.00	-240.86	-0.73
14	Vento d	-12.03	0.03	0.00	-0.22	-101.64
14	ΔT	11.33	-9.27	0.00	78.33	95.70
14	SLV X	-245.36	0.27	0.00	-2.26	-2073.28
14	SLV Y	64.10	-163.24	0.00	1379.59	541.64
14	EySx SLV	-4.15	-5.75	0.00	48.57	-35.08
14	ExSy SLV	5.59	7.75	0.00	-65.40	47.23
14	SLD X	-231.73	0.25	0.00	-2.13	-1958.13
14	SLD Y	62.38	-158.97	0.00	1343.57	527.10
14	EySx SLD	-3.92	-5.44	0.00	45.88	-33.13
14	ExSy SLD	5.41	7.50	0.00	-63.29	45.70
14	SLO X	-266.21	0.29	0.00	-2.46	-2249.51
14	SLO Y	68.67	-174.86	0.00	1477.86	580.23
14	EySx SLO	-4.50	-6.24	0.00	52.71	-38.06
14	ExSy SLO	5.99	8.30	0.00	-70.05	50.59
15	Pesi	0.00	0.00	434.39	0.00	0.00
15	Port.	0.00	0.00	33.20	0.00	0.00
15	Neve	0.00	0.00	71.39	0.00	0.00
15	Variabile H	0.00	0.00	41.51	0.00	0.00
15	Vento a	0.06	-25.14	0.00	212.43	0.49
15	Vento b	10.69	0.00	0.00	-0.02	90.33
15	Vento c	-0.06	25.18	0.00	-212.76	-0.49
15	Vento d	-8.07	0.00	0.00	0.01	-68.22
15	ΔT	2.61	-8.12	0.00	68.60	22.08
15	SLV X	-164.72	-0.04	0.00	0.32	-1391.86
15	SLV Y	43.04	-165.82	0.00	1401.20	363.64
15	EySx SLV	-2.79	-1.73	0.00	14.58	-23.54
15	ExSy SLV	3.75	2.32	0.00	-19.63	31.70
15	SLD X	-155.57	-0.04	0.00	0.32	-1314.55
15	SLD Y	41.88	-160.83	0.00	1359.03	353.88
15	EySx SLD	-2.63	-1.63	0.00	13.77	-22.24
15	ExSy SLD	3.63	2.25	0.00	-19.00	30.68
15	SLO X	-178.72	-0.04	0.00	0.35	-1510.16
15	SLO Y	46.10	-177.64	0.00	1501.02	389.55
15	EySx SLO	-3.02	-1.87	0.00	15.82	-25.55
15	ExSy SLO	4.02	2.49	0.00	-21.03	33.96
16	Pesi	0.00	0.00	438.26	0.00	0.00
16	Port.	0.00	0.00	33.71	0.00	0.00
16	Neve	0.00	0.00	72.48	0.00	0.00
16	Variabile H	0.00	0.00	42.14	0.00	0.00
16	Vento a	0.06	-25.22	0.00	213.08	0.48
16	Vento b	10.69	0.00	0.00	0.02	90.34
16	Vento c	-0.06	25.26	0.00	-213.41	-0.48
16	Vento d	-8.07	0.00	0.00	-0.01	-68.23
16	ΔT	-2.52	-8.12	0.00	68.60	-21.30
16	SLV X	-164.72	0.05	0.00	-0.42	-1391.90
16	SLV Y	43.04	-198.18	0.00	1674.61	363.65
16	EySx SLV	-2.79	1.64	0.00	-13.89	-23.55
16	ExSy SLV	3.75	-2.21	0.00	18.71	31.70

16	SLD X	-155.57	0.05	0.00	-0.40	-1314.60
16	SLD Y	41.88	-191.85	0.00	1621.13	353.88
16	EySx SLD	-2.63	1.55	0.00	-13.12	-22.24
16	ExSy SLD	3.63	-2.14	0.00	18.10	30.68
16	SLO X	-178.72	0.05	0.00	-0.46	-1510.21
16	SLO Y	46.10	-212.30	0.00	1793.90	389.56
16	EySx SLO	-3.02	1.78	0.00	-15.08	-25.55
16	ExSy SLO	4.02	-2.37	0.00	20.04	33.96
17	Pesi	0.00	0.00	325.75	0.00	0.00
17	Port.	0.00	0.00	16.86	0.00	0.00
17	Neve	0.00	0.00	36.24	0.00	0.00
17	Variabile H	0.00	0.00	21.07	0.00	0.00
17	Vento a	0.08	-28.73	0.00	242.73	0.71
17	Vento b	15.93	0.03	0.00	-0.29	134.63
17	Vento c	-0.08	28.75	0.00	-242.97	-0.71
17	Vento d	-12.03	-0.03	0.00	0.22	-101.68
17	ΔT	-11.42	-9.27	0.00	78.33	-96.48
17	SLV X	-245.37	-0.26	0.00	2.20	-2073.41
17	SLV Y	64.10	-269.24	0.00	2274.52	541.66
17	EySx SLV	-4.15	5.84	0.00	-49.26	-35.11
17	ExSy SLV	5.59	-7.86	0.00	66.32	47.27
17	SLD X	-231.75	-0.25	0.00	2.10	-1958.26
17	SLD Y	62.38	-260.50	0.00	2200.70	527.11
17	EySx SLD	-3.92	5.51	0.00	-46.53	-33.16
17	ExSy SLD	5.41	-7.60	0.00	64.19	45.74
17	SLO X	-266.23	-0.28	0.00	2.38	-2249.65
17	SLO Y	68.67	-288.42	0.00	2436.54	580.25
17	EySx SLO	-4.51	6.33	0.00	-53.45	-38.10
17	ExSy SLO	5.99	-8.42	0.00	71.05	50.63
18	Pesi	0.00	0.00	278.56	0.00	0.00
18	Port.	0.00	0.00	13.29	0.00	0.00
18	Neve	0.00	0.00	28.57	0.00	0.00
18	Variabile H	0.00	0.00	16.61	0.00	0.00
18	Vento a	0.00	-27.77	0.00	234.65	-0.01
18	Vento b	9.00	0.01	0.00	-0.08	76.03
18	Vento c	0.00	27.75	0.00	-234.50	0.00
18	Vento d	-11.93	-0.01	0.00	0.11	-100.78
18	ΔT	5.93	5.57	0.00	-47.04	50.07
18	SLV X	-181.20	-0.09	0.00	0.80	-1531.15
18	SLV Y	0.00	-201.76	0.00	1704.85	-0.01
18	EySx SLV	2.93	-5.56	0.00	46.87	24.77
18	ExSy SLV	-4.62	8.76	0.00	-73.92	-39.07
18	SLD X	-171.14	-0.09	0.00	0.75	-1446.13
18	SLD Y	0.00	-196.30	0.00	1658.73	-0.01
18	EySx SLD	2.77	-5.25	0.00	44.27	23.40
18	ExSy SLD	-4.47	8.48	0.00	-71.54	-37.81
18	SLO X	-196.60	-0.10	0.00	0.86	-1661.28
18	SLO Y	0.00	-216.13	0.00	1826.29	-0.01
18	EySx SLO	3.18	-6.03	0.00	50.86	26.88
18	ExSy SLO	-4.95	9.39	0.00	-79.19	-41.85
19	Pesi	0.00	0.00	396.95	0.00	0.00
19	Port.	0.00	0.00	26.57	0.00	0.00
19	Neve	0.00	0.00	57.13	0.00	0.00
19	Variabile H	0.00	0.00	33.22	0.00	0.00
19	Vento a	0.00	-27.92	0.00	235.91	0.00
19	Vento b	9.00	0.00	0.00	0.00	76.02
19	Vento c	0.00	27.89	0.00	-235.66	0.00
19	Vento d	-11.93	0.00	0.00	0.00	-100.77
19	ΔT	0.00	5.57	0.00	-47.06	0.00
19	SLV X	-181.25	0.00	0.00	0.01	-1531.53
19	SLV Y	0.00	-202.02	0.00	1707.08	-0.01
19	EySx SLV	2.93	0.00	0.00	0.01	24.76
19	ExSy SLV	-4.62	0.00	0.00	-0.01	-39.05
19	SLD X	-171.18	0.00	0.00	0.01	-1446.49
19	SLD Y	0.00	-196.56	0.00	1660.90	-0.01

19	EySx SLD	2.77	0.00	0.00	0.01	23.39
19	ExSy SLD	-4.47	0.00	0.00	-0.01	-37.79
19	SLO X	-196.65	0.00	0.00	0.01	-1661.69
19	SLO Y	0.00	-216.41	0.00	1828.68	-0.01
19	EySx SLO	3.18	0.00	0.00	0.01	26.87
19	ExSy SLO	-4.95	0.00	0.00	-0.01	-41.83
20	Pesi	0.00	0.00	278.56	0.00	0.00
20	Port.	0.00	0.00	13.29	0.00	0.00
20	Neve	0.00	0.00	28.57	0.00	0.00
20	Variabile H	0.00	0.00	16.61	0.00	0.00
20	Vento a	0.00	-27.77	0.00	234.65	0.01
20	Vento b	8.99	-0.01	0.00	0.08	76.01
20	Vento c	0.00	27.75	0.00	-234.50	0.00
20	Vento d	-11.92	0.01	0.00	-0.11	-100.76
20	ΔT	-5.93	5.57	0.00	-47.04	-50.07
20	SLV X	-181.20	0.09	0.00	-0.80	-1531.15
20	SLV Y	0.00	-201.76	0.00	1704.85	0.01
20	EySx SLV	2.93	5.56	0.00	-46.88	24.77
20	ExSy SLV	-4.62	-8.76	0.00	73.94	-39.07
20	SLD X	-171.14	0.09	0.00	-0.75	-1446.13
20	SLD Y	0.00	-196.30	0.00	1658.73	0.01
20	EySx SLD	2.77	5.25	0.00	-44.28	23.40
20	ExSy SLD	-4.47	-8.48	0.00	71.55	-37.81
20	SLO X	-196.60	0.10	0.00	-0.86	-1661.28
20	SLO Y	0.00	-216.13	0.00	1826.29	0.01
20	EySx SLO	3.18	6.03	0.00	-50.87	26.88
20	ExSy SLO	-4.95	-9.39	0.00	79.20	-41.85
21	Pesi	0.00	0.00	103.96	0.00	-4.06
21	Port.	-6.00	-9.00	97.00	42.30	-86.40
21	Vento a	0.00	0.00	0.00	0.00	0.00
21	Vento b	0.00	0.00	0.00	0.00	0.00
21	Vento c	0.00	0.00	0.00	0.00	0.00
21	Vento d	0.00	0.00	0.00	0.00	0.00
21	ΔT	0.00	0.00	0.00	0.00	0.00
21	SLV X	-0.02	0.00	0.00	-0.01	-0.11
21	SLV Y	-0.01	0.00	0.00	0.00	-0.08
21	EySx SLV	0.00	0.00	0.00	0.00	0.00
21	ExSy SLV	0.00	0.00	0.00	0.00	0.00
21	SLD X	-0.02	0.00	0.00	-0.01	-0.11
21	SLD Y	-0.01	0.00	0.00	0.00	-0.08
21	EySx SLD	0.00	0.00	0.00	0.00	0.00
21	ExSy SLD	0.00	0.00	0.00	0.00	0.00
21	SLO X	-0.02	0.00	0.00	-0.01	-0.12
21	SLO Y	-0.02	0.00	0.00	0.00	-0.08
21	EySx SLO	0.00	0.00	0.00	0.00	0.00
21	ExSy SLO	0.00	0.00	0.00	0.00	0.00
22	Pesi	0.00	0.00	278.56	0.00	0.00
22	Port.	0.00	0.00	13.29	0.00	0.00
22	Neve	0.00	0.00	28.57	0.00	0.00
22	Variabile H	0.00	0.00	16.61	0.00	0.00
22	Vento a	0.00	-27.75	0.00	234.50	0.00
22	Vento b	9.00	-0.01	0.00	0.08	76.03
22	Vento c	0.00	27.77	0.00	-234.65	-0.01
22	Vento d	-11.93	0.01	0.00	-0.11	-100.78
22	ΔT	5.93	-5.57	0.00	47.04	50.07
22	SLV X	-181.20	0.09	0.00	-0.80	-1531.15
22	SLV Y	0.00	-201.76	0.00	1704.85	0.02
22	EySx SLV	-2.93	-5.56	0.00	46.88	-24.77
22	ExSy SLV	4.62	8.76	0.00	-73.94	39.07
22	SLD X	-171.14	0.09	0.00	-0.75	-1446.13
22	SLD Y	0.00	-196.30	0.00	1658.73	0.02
22	EySx SLD	-2.77	-5.25	0.00	44.28	-23.40
22	ExSy SLD	4.47	8.48	0.00	-71.55	37.81
22	SLO X	-196.60	0.10	0.00	-0.87	-1661.28
22	SLO Y	0.00	-216.13	0.00	1826.29	0.02

22	EySx SLO	-3.18	-6.03	0.00	50.87	-26.88
22	ExSy SLO	4.95	9.39	0.00	-79.20	41.85
23	Pesi	0.00	0.00	396.95	0.00	0.00
23	Port.	0.00	0.00	26.57	0.00	0.00
23	Neve	0.00	0.00	57.13	0.00	0.00
23	Variabile H	0.00	0.00	33.22	0.00	0.00
23	Vento a	0.00	-27.89	0.00	235.66	0.00
23	Vento b	9.00	0.00	0.00	0.00	76.02
23	Vento c	0.00	27.92	0.00	-235.91	0.00
23	Vento d	-11.93	0.00	0.00	0.00	-100.77
23	ΔT	0.00	-5.57	0.00	47.06	0.00
23	SLV X	-181.25	0.00	0.00	0.01	-1531.53
23	SLV Y	0.00	-202.02	0.00	1707.08	-0.01
23	EySx SLV	-2.93	0.00	0.00	-0.01	-24.76
23	ExSy SLV	4.62	0.00	0.00	0.01	39.05
23	SLD X	-171.18	0.00	0.00	0.01	-1446.49
23	SLD Y	0.00	-196.56	0.00	1660.90	-0.01
23	EySx SLD	-2.77	0.00	0.00	-0.01	-23.39
23	ExSy SLD	4.47	0.00	0.00	0.01	37.79
23	SLO X	-196.65	0.00	0.00	0.01	-1661.69
23	SLO Y	0.00	-216.41	0.00	1828.68	-0.01
23	EySx SLO	-3.18	0.00	0.00	-0.01	-26.87
23	ExSy SLO	4.95	0.00	0.00	0.01	41.83
24	Pesi	0.00	0.00	278.56	0.00	0.00
24	Port.	0.00	0.00	13.29	0.00	0.00
24	Neve	0.00	0.00	28.57	0.00	0.00
24	Variabile H	0.00	0.00	16.61	0.00	0.00
24	Vento a	0.00	-27.75	0.00	234.50	0.00
24	Vento b	8.99	0.01	0.00	-0.08	76.01
24	Vento c	0.00	27.77	0.00	-234.65	0.01
24	Vento d	-11.92	-0.01	0.00	0.11	-100.76
24	ΔT	-5.93	-5.57	0.00	47.04	-50.07
24	SLV X	-181.20	-0.09	0.00	0.80	-1531.16
24	SLV Y	0.00	-201.76	0.00	1704.85	-0.01
24	EySx SLV	-2.93	5.56	0.00	-46.87	-24.77
24	ExSy SLV	4.62	-8.76	0.00	73.92	39.07
24	SLD X	-171.14	-0.09	0.00	0.75	-1446.13
24	SLD Y	0.00	-196.30	0.00	1658.73	-0.01
24	EySx SLD	-2.77	5.25	0.00	-44.27	-23.40
24	ExSy SLD	4.47	-8.48	0.00	71.54	37.81
24	SLO X	-196.60	-0.10	0.00	0.87	-1661.28
24	SLO Y	0.00	-216.13	0.00	1826.29	-0.01
24	EySx SLO	-3.18	6.03	0.00	-50.86	-26.88
24	ExSy SLO	4.95	-9.39	0.00	79.19	41.85
25	Pesi	0.00	0.00	103.56	0.00	-3.82
25	Port.	-6.00	-9.00	97.00	42.30	-86.40
25	Vento a	0.00	0.00	0.00	0.00	0.00
25	Vento b	0.00	0.00	0.00	0.00	0.00
25	Vento c	0.00	0.00	0.00	0.00	0.00
25	Vento d	0.00	0.00	0.00	0.00	0.00
25	ΔT	0.00	0.00	0.00	0.00	0.00
25	SLV X	-0.02	0.00	0.00	-0.01	-0.11
25	SLV Y	-0.01	0.00	0.00	0.01	0.04
25	EySx SLV	0.00	0.00	0.00	0.00	0.00
25	ExSy SLV	0.00	0.00	0.00	0.00	0.00
25	SLD X	-0.02	0.00	0.00	-0.01	-0.11
25	SLD Y	-0.01	0.00	0.00	0.01	0.04
25	EySx SLD	0.00	0.00	0.00	0.00	0.00
25	ExSy SLD	0.00	0.00	0.00	0.00	0.00
25	SLO X	-0.02	0.00	0.00	-0.02	-0.12
25	SLO Y	-0.01	0.00	0.00	0.01	0.04
25	EySx SLO	0.00	0.00	0.00	0.00	0.00
25	ExSy SLO	0.00	0.00	0.00	0.00	0.00

1.3.2 METODO 2: REAZIONI VINCOLARI ESTREME

Per ciascun nodo si trasmettono le 5 combinazioni che massimizzano le sollecitazioni in ciascuna famiglia di combinazioni. Nel dettaglio per ciascun nodo si fornisce la combinazione che massimizza lo sforzo normale e le 4 combinazioni che massimizzano i momenti flettenti (+M_x, -M_x, +M_y, -M_y)

ATTENZIONE: Essendo la struttura progettata in classe di duttilità BASSA i tagli e i momenti delle COMBINAZIONI sismiche DEVONO ESSERE AMPLIFICATI DI UN FATTORE 1,1.

Nodo: Nodo sollecitato dalla reazione vincolare.

Ind.: indice del nodo.

Cont.: Contesto a cui si riferisce la reazione vincolare.

N.br.: nome breve della condizione o combinazione di carico.

Reazione a traslazione: reazione vincolare traslazionale del nodo.

x: componente X della reazione vincolare del nodo. [kN]

y: componente Y della reazione vincolare del nodo. [kN]

z: componente Z della reazione vincolare del nodo. [kN]

Reazione a rotazione: reazione vincolare rotazionale del nodo.

x: componente X della reazione a rotazione del nodo. [kN*m]

y: componente Y della reazione a rotazione del nodo. [kN*m]

1.3.2.1 REAZIONI VINCOLARI ESTREME FAMIGLIA SLU/SLV/SLD

Nodo Ind.	Cont. N.br.	Reazione a traslazione			Reazione a rotazione	
		x	y	z	x	y
2	SLU 61	2.15	-1.78	714.13	-15.97	-38.17
2	SLV 5	46.14	144.93	496.80	-1659.59	493.52
2	SLV 12	-39.98	-152.58	496.80	1702.91	-504.64
2	SLV 14	-204.00	-16.79	496.80	158.15	-2390.34
2	SLV 3	210.16	9.13	496.80	-114.83	2379.22
3	SLU 63	-2.88	-3.88	732.78	47.57	-35.33
3	SLV 10	-79.68	121.45	494.20	-1487.50	-976.11
3	SLV 7	76.01	-121.36	494.20	1486.44	931.11
3	SLV 14	-190.37	45.16	494.20	-553.10	-2331.98
3	SLV 3	186.70	-45.07	494.20	552.04	2286.99
4	SLU 63	-12.39	1.72	683.88	16.76	-87.26
4	SLV 10	-91.93	153.95	479.26	-1720.54	-1022.91
4	SLV 7	78.41	-146.39	479.26	1678.28	943.81
4	SLV 14	-213.83	88.03	479.26	-968.50	-2424.22
4	SLV 3	200.30	-80.47	479.26	926.24	2345.12
5	SLU 61	7.10	-11.50	665.51	78.85	7.18
5	SLV 5	61.97	242.78	459.40	-2375.26	550.92
5	SLV 12	-46.76	-252.83	459.40	2426.84	-483.55
5	SLV 15	-161.94	-145.73	459.40	1376.12	-1590.51
5	SLV 2	177.15	135.68	459.40	-1324.55	1657.88
6	SLU 61	2.98	-3.83	683.65	38.89	30.27
6	SLV 10	-22.77	212.92	456.40	-2160.92	-231.12
6	SLV 7	26.44	-212.76	456.40	2159.39	268.40
6	SLV 15	-153.36	-46.02	456.40	467.10	-1556.63
6	SLV 2	157.04	46.17	456.40	-468.63	1593.92
7	SLU 63	-9.86	11.38	635.26	-77.70	-35.19
7	SLV 10	-31.81	255.50	441.86	-2454.41	-256.99
7	SLV 7	23.97	-245.60	441.86	2404.37	264.38
7	SLV 15	-173.48	-1.45	441.86	47.25	-1620.52

7	SLV 2	165.63	11.35	441.86	-97.29	1627.90
8	SLU 67	-10.11	17.29	499.98	-146.07	-85.47
8	SLV 5	130.92	172.82	338.22	-1460.51	1106.29
8	SLV 12	-130.92	-172.82	338.22	1460.51	-1106.29
8	SLV 15	-270.46	-41.26	338.22	348.83	-2285.39
8	SLV 2	270.46	41.26	338.22	-348.83	2285.39
9	SLU 67	-2.30	15.32	730.31	-129.44	-19.43
9	SLV 5	87.90	168.67	467.59	-1425.29	742.71
9	SLV 12	-87.90	-168.67	467.59	1425.29	-742.71
9	SLV 15	-181.57	-47.36	467.59	400.17	-1534.25
9	SLV 2	181.57	47.36	467.59	-400.17	1534.25
10	SLU 67	2.32	15.39	737.88	-130.03	19.60
10	SLV 10	-1.77	200.90	471.98	-1697.61	-14.99
10	SLV 7	1.77	-200.90	471.98	1697.61	14.99
10	SLV 15	-181.58	-61.72	471.98	521.53	-1534.30
10	SLV 2	181.58	61.72	471.98	-521.53	1534.30
11	SLU 69	-10.20	34.20	507.54	-288.96	-86.19
11	SLV 10	-2.64	278.96	342.61	-2356.59	-22.32
11	SLV 7	2.64	-278.96	342.61	2356.59	22.32
11	SLV 15	-270.48	-88.58	342.61	748.26	-2285.57
11	SLV 2	270.48	88.58	342.61	-748.26	2285.57
12	SLU 1	9.00	13.50	327.16	-99.23	158.72
12	SLV 9	-14.07	75.90	236.74	-582.21	-48.46
12	SLV 7	26.07	-57.90	236.74	449.91	261.16
12	SLV 15	-60.91	-11.07	236.74	88.67	-409.75
12	SLV 2	72.91	29.07	236.74	-220.97	622.46
13	SLU 1	9.00	13.50	326.64	-99.23	158.41
13	SLV 9	-14.02	75.74	236.34	-581.01	-48.37
13	SLV 7	26.02	-57.74	236.34	448.71	260.60
13	SLV 14	-60.73	29.02	236.34	-220.61	-408.72
13	SLV 3	72.73	-11.02	236.34	88.31	620.95
14	SLU 61	-10.19	8.34	499.98	-70.50	-86.13
14	SLV 9	-130.88	172.79	338.22	-1460.24	-1105.88
14	SLV 8	130.88	-172.79	338.22	1460.24	1105.88
14	SLV 14	-270.42	41.16	338.22	-347.95	-2285.02
14	SLV 3	270.42	-41.16	338.22	347.95	2285.02
15	SLU 63	2.35	-7.31	730.31	61.74	19.87
15	SLV 5	10.96	168.68	467.59	-1425.31	92.68
15	SLV 12	-10.96	-168.68	467.59	1425.31	-92.68
15	SLV 14	-181.54	47.29	467.59	-399.57	-1534.00
15	SLV 3	181.54	-47.29	467.59	399.57	1534.00
16	SLU 61	2.27	7.31	737.87	-61.74	19.17
16	SLV 10	-97.04	200.90	471.98	-1697.61	-819.99
16	SLV 7	97.04	-200.90	471.98	1697.61	819.99
16	SLV 14	-181.55	61.81	471.98	-522.31	-1534.06
16	SLV 3	181.55	-61.81	471.98	522.31	1534.06
17	SLU 63	-10.28	-8.34	507.54	70.50	-86.83
17	SLV 6	2.67	278.93	342.61	-2356.28	22.57
17	SLV 11	-2.67	-278.93	342.61	2356.28	-22.57
17	SLV 14	-270.44	88.70	342.61	-749.31	-2285.20
17	SLV 3	270.44	-88.70	342.61	749.31	2285.20
18	SLU 61	-5.33	-5.01	428.39	42.34	-45.06
18	SLV 5	48.86	212.21	291.84	-1793.08	412.86
18	SLV 12	-48.86	-212.21	291.84	1793.08	-412.86
18	SLV 15	-185.52	-52.44	291.84	443.20	-1567.64
18	SLV 2	185.52	52.44	291.84	-443.20	1567.64
19	SLU 63	0.00	5.01	648.56	-42.35	0.00
19	SLV 5	48.87	202.02	423.52	-1707.09	412.99
19	SLV 12	-48.87	-202.02	423.52	1707.09	-412.99
19	SLV 15	-185.56	-60.61	423.52	512.13	-1568.01
19	SLV 2	185.56	60.61	423.52	-512.13	1568.01
20	SLU 61	5.33	-5.01	428.39	42.34	45.06

20	SLV 10	-48.86	212.21	291.84	-1793.09	-412.86
20	SLV 7	48.86	-212.21	291.84	1793.09	412.86
20	SLV 13	-185.52	52.44	291.84	-443.19	-1567.65
20	SLV 4	185.52	-52.44	291.84	443.19	1567.65
21	SLU 1	-9.00	-13.50	280.65	63.45	-134.87
21	SLV 13	-6.02	-9.00	200.96	42.29	-90.55
21	SLU 1	-9.00	-13.50	280.65	63.45	-134.87
21	SLU 4	-9.00	-13.50	280.65	63.45	-134.87
21	SLV 2	-5.97	-9.00	200.96	42.31	-90.32
22	SLU 61	-5.33	5.01	428.39	-42.34	-45.06
22	SLV 9	-48.86	212.21	291.84	-1793.09	-412.87
22	SLV 8	48.86	-212.21	291.84	1793.09	412.87
22	SLV 14	-185.52	52.44	291.84	-443.19	-1567.65
22	SLV 3	185.52	-52.44	291.84	443.19	1567.65
23	SLU 61	0.00	5.01	648.56	-42.35	0.00
23	SLV 6	48.87	202.02	423.52	-1707.09	412.99
23	SLV 11	-48.87	-202.02	423.52	1707.09	-412.99
23	SLV 16	-185.56	-60.61	423.52	512.13	-1568.01
23	SLV 1	185.56	60.61	423.52	-512.13	1568.01
24	SLU 61	5.33	5.01	428.39	-42.34	45.06
24	SLV 6	48.86	212.21	291.84	-1793.08	412.86
24	SLV 11	-48.86	-212.21	291.84	1793.08	-412.86
24	SLV 16	-185.52	-52.44	291.84	443.21	-1567.65
24	SLV 1	185.52	52.44	291.84	-443.21	1567.65
25	SLU 1	-9.00	-13.50	280.13	63.45	-134.56
25	SLV 13	-6.01	-9.00	200.56	42.28	-90.33
25	SLU 1	-9.00	-13.50	280.13	63.45	-134.56
25	SLU 6	-9.00	-13.50	280.13	63.45	-134.57
25	SLV 3	-5.99	-9.00	200.56	42.32	-90.09

1.3.2.2 REAZIONI VINCOLARI ESTREME FAMIGLIA SLE

Nodo Ind.	Cont. N.br.	Reazione a traslazione			Reazione a rotazione	
		x	y	z	x	y
2	SLE RA 61	1.46	-1.19	527.62	-10.65	-25.34
2	SLE RA 11	1.76	15.35	496.80	-213.25	-21.65
2	SLE RA 60	4.40	-22.60	511.05	251.69	10.62
2	SLE RA 6	-9.85	-3.40	496.80	16.37	-163.97
2	SLE RA 55	13.24	-4.79	511.05	33.56	118.94
3	SLE RA 63	-1.92	-2.59	551.15	31.72	-23.56
3	SLE RA 11	-1.45	19.08	494.20	-233.67	-17.76
3	SLE RA 23	-2.22	-18.59	494.20	227.71	-27.15
3	SLE RA 45	-13.22	-2.47	520.53	30.27	-161.89
3	SLE RA 16	6.78	2.59	494.20	-31.68	83.05
4	SLE RA 63	-8.29	1.15	505.39	11.17	-58.28
4	SLE RA 48	-4.93	22.70	491.34	-252.88	-17.13
4	SLE RA 23	-8.58	-14.74	479.26	205.82	-61.88
4	SLE RA 45	-19.61	3.24	491.34	-14.40	-196.88
4	SLE RA 16	3.31	4.84	479.26	-34.12	83.87
5	SLE RA 61	4.77	-7.66	490.22	52.57	4.89
5	SLE RA 50	10.14	26.62	473.65	-295.45	59.43
5	SLE RA 21	5.06	-36.01	459.40	340.32	7.87
5	SLE RA 4	0.75	-11.77	459.40	94.21	-35.85
5	SLE RA 52	13.94	1.15	473.65	-36.81	97.95
6	SLE RA 61	1.99	-2.55	513.35	25.93	20.18
6	SLE RA 13	1.39	31.42	456.40	-318.88	14.06
6	SLE RA 21	2.28	-30.62	456.40	310.79	23.15
6	SLE RA 8	-1.84	2.91	456.40	-29.56	-18.68

6	SLE RA 53	4.65	-2.71	482.73	27.52	47.21
7	SLE RA 63	-6.61	7.59	467.99	-51.80	-23.56
7	SLE RA 13	-6.91	36.15	441.86	-341.68	-26.63
7	SLE RA 58	-0.94	-25.59	453.94	285.02	33.94
7	SLE RA 5	-10.52	11.57	441.86	-92.17	-63.28
7	SLE RA 51	2.16	-1.13	453.94	36.63	65.40
8	SLE RA 67	-6.74	11.52	376.23	-97.38	-56.98
8	SLE RA 50	6.88	34.04	355.80	-287.62	58.15
8	SLE RA 21	-6.88	-34.07	338.22	287.86	-58.15
8	SLE RA 6	-18.83	-5.59	338.22	47.28	-159.11
8	SLE RA 55	22.73	5.61	355.80	-47.37	192.07
9	SLE RA 67	-1.53	10.21	544.79	-86.29	-12.95
9	SLE RA 50	1.63	30.01	503.29	-253.59	13.74
9	SLE RA 21	-1.63	-30.05	467.59	253.92	-13.74
9	SLE RA 6	-9.64	-4.87	467.59	41.16	-81.50
9	SLE RA 55	12.26	4.87	503.29	-41.17	103.62
10	SLE RA 67	1.55	10.26	550.35	-86.68	13.07
10	SLE RA 13	-1.46	30.09	471.98	-254.24	-12.30
10	SLE RA 58	1.46	-30.13	508.21	254.58	12.30
10	SLE RA 45	-9.59	4.87	508.21	-41.16	-81.04
10	SLE RA 16	12.21	-4.87	471.98	41.17	103.16
11	SLE RA 69	-6.80	22.80	381.79	-192.64	-57.46
11	SLE RA 13	-6.77	34.29	342.61	-289.73	-57.17
11	SLE RA 58	6.77	-34.32	360.72	289.97	57.18
11	SLE RA 45	-18.89	5.60	360.72	-47.28	-159.61
11	SLE RA 16	22.79	-5.61	342.61	47.37	192.58
12	SLE RA 1	6.00	9.00	236.74	-66.15	106.36
12	SLE RA 1	6.00	9.00	236.74	-66.15	106.36
12	SLE RA 1	6.00	9.00	236.74	-66.15	106.36
12	SLE RA 5	6.00	9.00	236.74	-66.15	106.35
12	SLE RA 14	6.00	9.00	236.74	-66.15	106.36
13	SLE RA 1	6.00	9.00	236.34	-66.15	106.11
13	SLE RA 1	6.00	9.00	236.34	-66.15	106.11
13	SLE RA 1	6.00	9.00	236.34	-66.15	106.11
13	SLE RA 8	6.00	9.00	236.34	-66.15	106.11
13	SLE RA 16	6.00	9.00	236.34	-66.15	106.12
14	SLE RA 61	-6.80	5.56	376.23	-47.00	-57.42
14	SLE RA 11	-6.88	34.07	338.22	-287.86	-58.15
14	SLE RA 60	6.88	-34.04	355.80	287.62	58.15
14	SLE RA 6	-18.82	5.59	338.22	-47.22	-159.06
14	SLE RA 55	22.72	-5.60	355.80	47.29	192.00
15	SLE RA 63	1.57	-4.87	544.79	41.16	13.25
15	SLE RA 48	-1.63	30.05	503.29	-253.92	-13.74
15	SLE RA 23	1.63	-30.01	467.59	253.59	13.74
15	SLE RA 43	-9.64	4.87	503.29	-41.15	-81.47
15	SLE RA 18	12.26	-4.87	467.59	41.14	103.58
16	SLE RA 61	1.51	4.87	550.35	-41.16	12.78
16	SLE RA 11	1.46	30.13	471.98	-254.58	12.30
16	SLE RA 60	-1.46	-30.09	508.21	254.24	-12.30
16	SLE RA 45	-9.59	-4.87	508.21	41.15	-81.01
16	SLE RA 16	12.20	4.87	471.98	-41.14	103.12
17	SLE RA 63	-6.85	-5.56	381.79	47.00	-57.89
17	SLE RA 48	6.77	34.32	360.72	-289.97	57.17
17	SLE RA 23	-6.77	-34.29	342.61	289.73	-57.17
17	SLE RA 45	-18.88	-5.59	360.72	47.22	-159.56
17	SLE RA 16	22.78	5.60	342.61	-47.29	192.52
18	SLE RA 61	-3.56	-3.34	322.73	28.22	-30.04
18	SLE RA 50	3.56	31.09	306.13	-262.72	30.05
18	SLE RA 21	-3.56	-31.11	291.84	262.87	-30.05
18	SLE RA 6	-15.48	-3.35	291.84	28.33	-130.82
18	SLE RA 55	12.55	3.35	306.13	-28.30	106.07
19	SLE RA 63	0.00	3.34	485.30	-28.23	0.00

19	SLE RA 13	0.00	31.23	423.52	-263.90	0.00
19	SLE RA 21	0.00	-31.26	423.52	264.14	0.00
19	SLE RA 45	-11.93	3.34	452.09	-28.23	-100.77
19	SLE RA 16	9.00	-3.34	423.52	28.23	76.02
20	SLE RA 61	3.56	-3.34	322.73	28.22	30.04
20	SLE RA 13	-3.56	31.09	291.84	-262.72	-30.05
20	SLE RA 58	3.56	-31.11	306.13	262.87	30.05
20	SLE RA 45	-15.48	3.35	306.13	-28.33	-130.80
20	SLE RA 16	12.55	-3.35	291.84	28.30	106.05
21	SLE RA 1	-6.00	-9.00	200.96	42.30	-90.46
21	SLE RA 1	-6.00	-9.00	200.96	42.30	-90.46
21	SLE RA 1	-6.00	-9.00	200.96	42.30	-90.46
21	SLE RA 4	-6.00	-9.00	200.96	42.30	-90.46
21	SLE RA 15	-6.00	-9.00	200.96	42.30	-90.45
22	SLE RA 61	-3.56	3.34	322.73	-28.22	-30.04
22	SLE RA 11	-3.56	31.11	291.84	-262.87	-30.05
22	SLE RA 60	3.56	-31.09	306.13	262.72	30.05
22	SLE RA 6	-15.48	3.35	291.84	-28.33	-130.82
22	SLE RA 55	12.55	-3.35	306.13	28.30	106.07
23	SLE RA 61	0.00	3.34	485.30	-28.23	0.00
23	SLE RA 11	0.00	31.26	423.52	-264.14	0.00
23	SLE RA 23	0.00	-31.23	423.52	263.90	0.00
23	SLE RA 43	-11.93	3.34	452.09	-28.23	-100.77
23	SLE RA 18	9.00	-3.34	423.52	28.23	76.02
24	SLE RA 61	3.56	3.34	322.73	-28.22	30.04
24	SLE RA 48	3.56	31.11	306.13	-262.87	30.05
24	SLE RA 23	-3.56	-31.09	291.84	262.72	-30.05
24	SLE RA 45	-15.48	-3.35	306.13	28.33	-130.80
24	SLE RA 16	12.55	3.35	291.84	-28.30	106.05
25	SLE RA 1	-6.00	-9.00	200.56	42.30	-90.22
25	SLE RA 1	-6.00	-9.00	200.56	42.30	-90.22
25	SLE RA 1	-6.00	-9.00	200.56	42.30	-90.22
25	SLE RA 6	-6.00	-9.00	200.56	42.30	-90.22
25	SLE RA 18	-6.00	-9.00	200.56	42.30	-90.21

1.3.3 METODO 3: Reazioni nodali in combinazioni di carico

ATTENZIONE: Essendo le sollecitazioni in combinazione di carico sono già amplificate dei coefficienti amplificativi 1,1 in condizioni sismiche.

Nodo: Nodo sollecitato dalla reazione vincolare.

Ind.: indice del nodo.

Posizione: posizione spaziale del nodo.

X: componente X della coordinata del nodo. [m]

Y: componente Y della coordinata del nodo. [m]

Z: componente Z della coordinata del nodo. [m]

Cont.: Contesto a cui si riferisce la reazione vincolare.

N.br.: nome breve della condizione o combinazione di carico.

Reazione a traslazione: reazione vincolare traslazionale del nodo.

x: componente X della reazione vincolare del nodo. [kN]

y: componente Y della reazione vincolare del nodo. [kN]

z: componente Z della reazione vincolare del nodo. [kN]

Reazione a rotazione: reazione vincolare rotazionale del nodo.

x: componente X della reazione a rotazione del nodo. [kN*m]

y: componente Y della reazione a rotazione del nodo. [kN*m]

z: componente Z della reazione a rotazione del nodo. [kN*m]

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLU 1	0.54	0.85	667.89	-48.275	-57.9471	-8.1
2	20.75	20.21	-2.1	SLU 2	4.57	-5.74	667.89	32.4922	-8.4933	-8.1
2	20.75	20.21	-2.1	SLU 3	8.61	-12.33	667.89	113.2593	40.9605	-8.1
2	20.75	20.21	-2.1	SLU 4	-9.65	-1.14	667.89	-23.9576	-182.7138	-8.1
2	20.75	20.21	-2.1	SLU 5	-1.57	-14.32	667.89	137.5767	-83.8062	-8.1
2	20.75	20.21	-2.1	SLU 6	-14.82	-5.1	667.89	24.5608	-246.11	-8.1
2	20.75	20.21	-2.1	SLU 7	-12.4	-9.06	667.89	73.0211	-216.4378	-8.1
2	20.75	20.21	-2.1	SLU 8	-9.98	-13.01	667.89	121.4814	-186.7655	-8.1
2	20.75	20.21	-2.1	SLU 9	0.81	15.74	667.89	-230.6211	-54.6293	-8.1
2	20.75	20.21	-2.1	SLU 10	8.88	2.55	667.89	-69.0868	44.2783	-8.1
2	20.75	20.21	-2.1	SLU 11	2.6	23.03	667.89	-319.8783	-32.636	-8.1
2	20.75	20.21	-2.1	SLU 12	5.03	19.07	667.89	-271.418	-2.9637	-8.1
2	20.75	20.21	-2.1	SLU 13	7.45	15.11	667.89	-222.9577	26.7086	-8.1
2	20.75	20.21	-2.1	SLU 14	8.23	2.36	667.89	-66.6435	36.2973	-8.1
2	20.75	20.21	-2.1	SLU 15	16.31	-10.83	667.89	94.8908	135.2049	-8.1
2	20.75	20.21	-2.1	SLU 16	14.98	0.72	667.89	-46.5823	118.9084	-8.1
2	20.75	20.21	-2.1	SLU 17	17.4	-3.23	667.89	1.878	148.5807	-8.1
2	20.75	20.21	-2.1	SLU 18	19.82	-7.19	667.89	50.3383	178.253	-8.1
2	20.75	20.21	-2.1	SLU 19	0.27	-13.67	667.89	129.6721	-61.1874	-8.1
2	20.75	20.21	-2.1	SLU 20	8.35	-26.86	667.89	291.2064	37.7202	-8.1
2	20.75	20.21	-2.1	SLU 21	1.71	-25.99	667.89	280.6103	-43.566	-8.1
2	20.75	20.21	-2.1	SLU 22	4.13	-29.95	667.89	329.0706	-13.8938	-8.1
2	20.75	20.21	-2.1	SLU 23	6.56	-33.91	667.89	377.5309	15.7785	-8.1
2	20.75	20.21	-2.1	SLU 24	2.15	-1.78	692.75	-15.9681	-38.1655	-8.1
2	20.75	20.21	-2.1	SLU 25	4.57	-5.74	692.75	32.4922	-8.4933	-8.1
2	20.75	20.21	-2.1	SLU 26	7	-9.7	692.75	80.9525	21.179	-8.1
2	20.75	20.21	-2.1	SLU 27	-8.03	-3.77	692.75	8.3492	-162.9322	-8.1
2	20.75	20.21	-2.1	SLU 28	-5.61	-7.73	692.75	56.8095	-133.26	-8.1
2	20.75	20.21	-2.1	SLU 29	-3.19	-11.69	692.75	105.2698	-103.5877	-8.1
2	20.75	20.21	-2.1	SLU 30	2.42	13.1	692.75	-198.3142	-34.8478	-8.1
2	20.75	20.21	-2.1	SLU 31	4.85	9.15	692.75	-149.8539	-5.1755	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLU 32	7.27	5.19	692.75	-101.3936	24.4968	-8.1
2	20.75	20.21	-2.1	SLU 33	9.85	-0.28	692.75	-34.3366	56.0788	-8.1
2	20.75	20.21	-2.1	SLU 34	12.27	-4.24	692.75	14.1237	85.7511	-8.1
2	20.75	20.21	-2.1	SLU 35	14.69	-8.19	692.75	62.584	115.4234	-8.1
2	20.75	20.21	-2.1	SLU 36	1.89	-16.31	692.75	161.9789	-41.4058	-8.1
2	20.75	20.21	-2.1	SLU 37	4.31	-20.27	692.75	210.4392	-11.7336	-8.1
2	20.75	20.21	-2.1	SLU 38	6.73	-24.22	692.75	258.8995	17.9387	-8.1
2	20.75	20.21	-2.1	SLU 39	0.54	0.85	689.27	-48.275	-57.9471	-8.1
2	20.75	20.21	-2.1	SLU 40	8.61	-12.33	689.27	113.2593	40.9605	-8.1
2	20.75	20.21	-2.1	SLU 41	-9.65	-1.14	689.27	-23.9576	-182.7138	-8.1
2	20.75	20.21	-2.1	SLU 42	-1.57	-14.32	689.27	137.5767	-83.8062	-8.1
2	20.75	20.21	-2.1	SLU 43	-14.82	-5.1	689.27	24.5608	-246.11	-8.1
2	20.75	20.21	-2.1	SLU 44	-12.4	-9.06	689.27	73.0211	-216.4378	-8.1
2	20.75	20.21	-2.1	SLU 45	-9.98	-13.01	689.27	121.4814	-186.7655	-8.1
2	20.75	20.21	-2.1	SLU 46	0.81	15.74	689.27	-230.6211	-54.6293	-8.1
2	20.75	20.21	-2.1	SLU 47	8.88	2.55	689.27	-69.0868	44.2783	-8.1
2	20.75	20.21	-2.1	SLU 48	2.6	23.03	689.27	-319.8783	-32.636	-8.1
2	20.75	20.21	-2.1	SLU 49	5.03	19.07	689.27	-271.418	-2.9637	-8.1
2	20.75	20.21	-2.1	SLU 50	7.45	15.11	689.27	-222.9577	26.7086	-8.1
2	20.75	20.21	-2.1	SLU 51	8.23	2.36	689.27	-66.6435	36.2973	-8.1
2	20.75	20.21	-2.1	SLU 52	16.31	-10.83	689.27	94.8908	135.2049	-8.1
2	20.75	20.21	-2.1	SLU 53	14.98	0.72	689.27	-46.5823	118.9084	-8.1
2	20.75	20.21	-2.1	SLU 54	17.4	-3.23	689.27	1.878	148.5807	-8.1
2	20.75	20.21	-2.1	SLU 55	19.82	-7.19	689.27	50.3383	178.253	-8.1
2	20.75	20.21	-2.1	SLU 56	0.27	-13.67	689.27	129.6721	-61.1874	-8.1
2	20.75	20.21	-2.1	SLU 57	8.35	-26.86	689.27	291.2064	37.7202	-8.1
2	20.75	20.21	-2.1	SLU 58	1.71	-25.99	689.27	280.6103	-43.566	-8.1
2	20.75	20.21	-2.1	SLU 59	4.13	-29.95	689.27	329.0706	-13.8938	-8.1
2	20.75	20.21	-2.1	SLU 60	6.56	-33.91	689.27	377.5309	15.7785	-8.1
2	20.75	20.21	-2.1	SLU 61	2.15	-1.78	714.13	-15.9681	-38.1655	-8.1
2	20.75	20.21	-2.1	SLU 62	4.57	-5.74	714.13	32.4922	-8.4933	-8.1
2	20.75	20.21	-2.1	SLU 63	7	-9.7	714.13	80.9525	21.179	-8.1
2	20.75	20.21	-2.1	SLU 64	-8.03	-3.77	714.13	8.3492	-162.9322	-8.1
2	20.75	20.21	-2.1	SLU 65	-5.61	-7.73	714.13	56.8095	-133.26	-8.1
2	20.75	20.21	-2.1	SLU 66	-3.19	-11.69	714.13	105.2698	-103.5877	-8.1
2	20.75	20.21	-2.1	SLU 67	2.42	13.1	714.13	-198.3142	-34.8478	-8.1
2	20.75	20.21	-2.1	SLU 68	4.85	9.15	714.13	-149.8539	-5.1755	-8.1
2	20.75	20.21	-2.1	SLU 69	7.27	5.19	714.13	-101.3936	24.4968	-8.1
2	20.75	20.21	-2.1	SLU 70	9.85	-0.28	714.13	-34.3366	56.0788	-8.1
2	20.75	20.21	-2.1	SLU 71	12.27	-4.24	714.13	14.1237	85.7511	-8.1
2	20.75	20.21	-2.1	SLU 72	14.69	-8.19	714.13	62.584	115.4234	-8.1
2	20.75	20.21	-2.1	SLU 73	1.89	-16.31	714.13	161.9789	-41.4058	-8.1
2	20.75	20.21	-2.1	SLU 74	4.31	-20.27	714.13	210.4392	-11.7336	-8.1
2	20.75	20.21	-2.1	SLU 75	6.73	-24.22	714.13	258.8995	17.9387	-8.1
2	20.75	20.21	-2.1	SLU 76	2.15	-1.78	710.65	-15.9681	-38.1655	-8.1
2	20.75	20.21	-2.1	SLU 77	4.57	-5.74	710.65	32.4922	-8.4933	-8.1
2	20.75	20.21	-2.1	SLU 78	7	-9.7	710.65	80.9525	21.179	-8.1
2	20.75	20.21	-2.1	SLU 79	-8.03	-3.77	710.65	8.3492	-162.9322	-8.1
2	20.75	20.21	-2.1	SLU 80	-5.61	-7.73	710.65	56.8095	-133.26	-8.1
2	20.75	20.21	-2.1	SLU 81	-3.19	-11.69	710.65	105.2698	-103.5877	-8.1
2	20.75	20.21	-2.1	SLU 82	2.42	13.1	710.65	-198.3142	-34.8478	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLU 83	4.85	9.15	710.65	-149.8539	-5.1755	-8.1
2	20.75	20.21	-2.1	SLU 84	7.27	5.19	710.65	-101.3936	24.4968	-8.1
2	20.75	20.21	-2.1	SLU 85	9.85	-0.28	710.65	-34.3366	56.0788	-8.1
2	20.75	20.21	-2.1	SLU 86	12.27	-4.24	710.65	14.1237	85.7511	-8.1
2	20.75	20.21	-2.1	SLU 87	14.69	-8.19	710.65	62.584	115.4234	-8.1
2	20.75	20.21	-2.1	SLU 88	1.89	-16.31	710.65	161.9789	-41.4058	-8.1
2	20.75	20.21	-2.1	SLU 89	4.31	-20.27	710.65	210.4392	-11.7336	-8.1
2	20.75	20.21	-2.1	SLU 90	6.73	-24.22	710.65	258.8995	17.9387	-8.1
2	20.75	20.21	-2.1	SLE RA 1	0.39	0.57	496.8	-32.1833	-38.5283	-5.4
2	20.75	20.21	-2.1	SLE RA 2	3.08	-3.83	496.8	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE RA 3	5.77	-8.22	496.8	75.5062	27.4101	-5.4
2	20.75	20.21	-2.1	SLE RA 4	-6.4	-0.76	496.8	-15.9718	-121.7061	-5.4
2	20.75	20.21	-2.1	SLE RA 5	-1.02	-9.55	496.8	91.7178	-55.7677	-5.4
2	20.75	20.21	-2.1	SLE RA 6	-9.85	-3.4	496.8	16.3739	-163.9703	-5.4
2	20.75	20.21	-2.1	SLE RA 7	-8.24	-6.04	496.8	48.6807	-144.1887	-5.4
2	20.75	20.21	-2.1	SLE RA 8	-6.62	-8.67	496.8	80.9876	-124.4072	-5.4
2	20.75	20.21	-2.1	SLE RA 9	0.57	10.49	496.8	-153.7474	-36.3164	-5.4
2	20.75	20.21	-2.1	SLE RA 10	5.95	1.7	496.8	-46.0578	29.622	-5.4
2	20.75	20.21	-2.1	SLE RA 11	1.76	15.35	496.8	-213.2522	-21.6542	-5.4
2	20.75	20.21	-2.1	SLE RA 12	3.38	12.71	496.8	-180.9453	-1.8727	-5.4
2	20.75	20.21	-2.1	SLE RA 13	4.99	10.08	496.8	-148.6385	17.9088	-5.4
2	20.75	20.21	-2.1	SLE RA 14	5.52	1.57	496.8	-44.429	24.3013	-5.4
2	20.75	20.21	-2.1	SLE RA 15	10.9	-7.22	496.8	63.2606	90.2397	-5.4
2	20.75	20.21	-2.1	SLE RA 16	10.01	0.48	496.8	-31.0548	79.3754	-5.4
2	20.75	20.21	-2.1	SLE RA 17	11.63	-2.16	496.8	1.252	99.1569	-5.4
2	20.75	20.21	-2.1	SLE RA 18	13.24	-4.79	496.8	33.5589	118.9384	-5.4
2	20.75	20.21	-2.1	SLE RA 19	0.21	-9.11	496.8	86.448	-40.6885	-5.4
2	20.75	20.21	-2.1	SLE RA 20	5.59	-17.91	496.8	194.1376	25.2499	-5.4
2	20.75	20.21	-2.1	SLE RA 21	1.17	-17.33	496.8	187.0735	-28.9409	-5.4
2	20.75	20.21	-2.1	SLE RA 22	2.78	-19.97	496.8	219.3804	-9.1594	-5.4
2	20.75	20.21	-2.1	SLE RA 23	4.4	-22.6	496.8	251.6873	10.6221	-5.4
2	20.75	20.21	-2.1	SLE RA 24	1.46	-1.19	513.37	-10.6454	-25.3406	-5.4
2	20.75	20.21	-2.1	SLE RA 25	3.08	-3.83	513.37	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE RA 26	4.69	-6.46	513.37	53.9683	14.2225	-5.4
2	20.75	20.21	-2.1	SLE RA 27	-5.33	-2.52	513.37	5.5661	-108.5184	-5.4
2	20.75	20.21	-2.1	SLE RA 28	-3.71	-5.15	513.37	37.873	-88.7369	-5.4
2	20.75	20.21	-2.1	SLE RA 29	-2.1	-7.79	513.37	70.1799	-68.9553	-5.4
2	20.75	20.21	-2.1	SLE RA 30	1.64	8.73	513.37	-132.2095	-23.1288	-5.4
2	20.75	20.21	-2.1	SLE RA 31	3.26	6.1	513.37	-99.9026	-3.3472	-5.4
2	20.75	20.21	-2.1	SLE RA 32	4.87	3.46	513.37	-67.5958	16.4343	-5.4
2	20.75	20.21	-2.1	SLE RA 33	6.59	-0.19	513.37	-22.8911	37.489	-5.4
2	20.75	20.21	-2.1	SLE RA 34	8.21	-2.82	513.37	9.4158	57.2705	-5.4
2	20.75	20.21	-2.1	SLE RA 35	9.82	-5.46	513.37	41.7227	77.052	-5.4
2	20.75	20.21	-2.1	SLE RA 36	1.29	-10.87	513.37	107.986	-27.5008	-5.4
2	20.75	20.21	-2.1	SLE RA 37	2.9	-13.51	513.37	140.2928	-7.7193	-5.4
2	20.75	20.21	-2.1	SLE RA 38	4.52	-16.15	513.37	172.5997	12.0623	-5.4
2	20.75	20.21	-2.1	SLE RA 39	0.39	0.57	511.05	-32.1833	-38.5283	-5.4
2	20.75	20.21	-2.1	SLE RA 40	5.77	-8.22	511.05	75.5062	27.4101	-5.4
2	20.75	20.21	-2.1	SLE RA 41	-6.4	-0.76	511.05	-15.9718	-121.7061	-5.4
2	20.75	20.21	-2.1	SLE RA 42	-1.02	-9.55	511.05	91.7178	-55.7677	-5.4
2	20.75	20.21	-2.1	SLE RA 43	-9.85	-3.4	511.05	16.3739	-163.9703	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLE RA 44	-8.24	-6.04	511.05	48.6807	-144.1887	-5.4
2	20.75	20.21	-2.1	SLE RA 45	-6.62	-8.67	511.05	80.9876	-124.4072	-5.4
2	20.75	20.21	-2.1	SLE RA 46	0.57	10.49	511.05	-153.7474	-36.3164	-5.4
2	20.75	20.21	-2.1	SLE RA 47	5.95	1.7	511.05	-46.0578	29.622	-5.4
2	20.75	20.21	-2.1	SLE RA 48	1.76	15.35	511.05	-213.2522	-21.6542	-5.4
2	20.75	20.21	-2.1	SLE RA 49	3.38	12.71	511.05	-180.9453	-1.8727	-5.4
2	20.75	20.21	-2.1	SLE RA 50	4.99	10.08	511.05	-148.6385	17.9088	-5.4
2	20.75	20.21	-2.1	SLE RA 51	5.52	1.57	511.05	-44.429	24.3013	-5.4
2	20.75	20.21	-2.1	SLE RA 52	10.9	-7.22	511.05	63.2606	90.2397	-5.4
2	20.75	20.21	-2.1	SLE RA 53	10.01	0.48	511.05	-31.0548	79.3754	-5.4
2	20.75	20.21	-2.1	SLE RA 54	11.63	-2.16	511.05	1.252	99.1569	-5.4
2	20.75	20.21	-2.1	SLE RA 55	13.24	-4.79	511.05	33.5589	118.9384	-5.4
2	20.75	20.21	-2.1	SLE RA 56	0.21	-9.11	511.05	86.448	-40.6885	-5.4
2	20.75	20.21	-2.1	SLE RA 57	5.59	-17.91	511.05	194.1376	25.2499	-5.4
2	20.75	20.21	-2.1	SLE RA 58	1.17	-17.33	511.05	187.0735	-28.9409	-5.4
2	20.75	20.21	-2.1	SLE RA 59	2.78	-19.97	511.05	219.3804	-9.1594	-5.4
2	20.75	20.21	-2.1	SLE RA 60	4.4	-22.6	511.05	251.6873	10.6221	-5.4
2	20.75	20.21	-2.1	SLE RA 61	1.46	-1.19	527.62	-10.6454	-25.3406	-5.4
2	20.75	20.21	-2.1	SLE RA 62	3.08	-3.83	527.62	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE RA 63	4.69	-6.46	527.62	53.9683	14.2225	-5.4
2	20.75	20.21	-2.1	SLE RA 64	-5.33	-2.52	527.62	5.5661	-108.5184	-5.4
2	20.75	20.21	-2.1	SLE RA 65	-3.71	-5.15	527.62	37.873	-88.7369	-5.4
2	20.75	20.21	-2.1	SLE RA 66	-2.1	-7.79	527.62	70.1799	-68.9553	-5.4
2	20.75	20.21	-2.1	SLE RA 67	1.64	8.73	527.62	-132.2095	-23.1288	-5.4
2	20.75	20.21	-2.1	SLE RA 68	3.26	6.1	527.62	-99.9026	-3.3472	-5.4
2	20.75	20.21	-2.1	SLE RA 69	4.87	3.46	527.62	-67.5958	16.4343	-5.4
2	20.75	20.21	-2.1	SLE RA 70	6.59	-0.19	527.62	-22.8911	37.489	-5.4
2	20.75	20.21	-2.1	SLE RA 71	8.21	-2.82	527.62	9.4158	57.2705	-5.4
2	20.75	20.21	-2.1	SLE RA 72	9.82	-5.46	527.62	41.7227	77.052	-5.4
2	20.75	20.21	-2.1	SLE RA 73	1.29	-10.87	527.62	107.986	-27.5008	-5.4
2	20.75	20.21	-2.1	SLE RA 74	2.9	-13.51	527.62	140.2928	-7.7193	-5.4
2	20.75	20.21	-2.1	SLE RA 75	4.52	-16.15	527.62	172.5997	12.0623	-5.4
2	20.75	20.21	-2.1	SLE RA 76	1.46	-1.19	525.3	-10.6454	-25.3406	-5.4
2	20.75	20.21	-2.1	SLE RA 77	3.08	-3.83	525.3	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE RA 78	4.69	-6.46	525.3	53.9683	14.2225	-5.4
2	20.75	20.21	-2.1	SLE RA 79	-5.33	-2.52	525.3	5.5661	-108.5184	-5.4
2	20.75	20.21	-2.1	SLE RA 80	-3.71	-5.15	525.3	37.873	-88.7369	-5.4
2	20.75	20.21	-2.1	SLE RA 81	-2.1	-7.79	525.3	70.1799	-68.9553	-5.4
2	20.75	20.21	-2.1	SLE RA 82	1.64	8.73	525.3	-132.2095	-23.1288	-5.4
2	20.75	20.21	-2.1	SLE RA 83	3.26	6.1	525.3	-99.9026	-3.3472	-5.4
2	20.75	20.21	-2.1	SLE RA 84	4.87	3.46	525.3	-67.5958	16.4343	-5.4
2	20.75	20.21	-2.1	SLE RA 85	6.59	-0.19	525.3	-22.8911	37.489	-5.4
2	20.75	20.21	-2.1	SLE RA 86	8.21	-2.82	525.3	9.4158	57.2705	-5.4
2	20.75	20.21	-2.1	SLE RA 87	9.82	-5.46	525.3	41.7227	77.052	-5.4
2	20.75	20.21	-2.1	SLE RA 88	1.29	-10.87	525.3	107.986	-27.5008	-5.4
2	20.75	20.21	-2.1	SLE RA 89	2.9	-13.51	525.3	140.2928	-7.7193	-5.4
2	20.75	20.21	-2.1	SLE RA 90	4.52	-16.15	525.3	172.5997	12.0623	-5.4
2	20.75	20.21	-2.1	SLE FR 1	1.73	-1.63	496.8	-5.261	-22.0437	-5.4
2	20.75	20.21	-2.1	SLE FR 2	3.08	-3.83	496.8	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE FR 3	4.42	-6.02	496.8	48.5838	10.9255	-5.4
2	20.75	20.21	-2.1	SLE FR 4	0.81	-4.27	496.8	27.0653	-33.285	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLE FR 5	3.14	-0.52	496.8	-18.8599	-4.8218	-5.4
2	20.75	20.21	-2.1	SLE FR 6	4.79	-3.49	496.8	17.5796	15.3841	-5.4
2	20.75	20.21	-2.1	SLE FR 7	3.02	-7.05	496.8	61.2052	-6.2791	-5.4
2	20.75	20.21	-2.1	SLE FR 8	3.08	-3.83	502.5	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLE QP 1	3.08	-3.83	496.8	21.6614	-5.5591	-5.4
2	20.75	20.21	-2.1	SLO 1	214.04	95.55	496.8	-1091.8585	2424.1155	-62.282
2	20.75	20.21	-2.1	SLO 2	197.22	88.4	496.8	-1004.4431	2218.152	51.4819
2	20.75	20.21	-2.1	SLO 3	227.74	10.02	496.8	-124.2346	2581.7551	-62.282
2	20.75	20.21	-2.1	SLO 4	210.93	2.86	496.8	-36.8191	2375.7916	51.4819
2	20.75	20.21	-2.1	SLO 5	49.74	157.49	496.8	-1801.6012	535.2521	-50.632
2	20.75	20.21	-2.1	SLO 6	36.37	151.8	496.8	-1732.0893	371.4719	39.832
2	20.75	20.21	-2.1	SLO 7	95.43	-127.63	496.8	1423.812	1060.7175	-50.632
2	20.75	20.21	-2.1	SLO 8	82.06	-133.32	496.8	1493.3239	896.9373	39.832
2	20.75	20.21	-2.1	SLO 9	-75.9	125.67	496.8	-1450.0011	-908.0554	-50.632
2	20.75	20.21	-2.1	SLO 10	-89.27	119.98	496.8	-1380.4891	-1071.8356	39.832
2	20.75	20.21	-2.1	SLO 11	-30.21	-159.45	496.8	1775.4121	-382.5901	-50.632
2	20.75	20.21	-2.1	SLO 12	-43.58	-165.14	496.8	1844.9241	-546.3703	39.832
2	20.75	20.21	-2.1	SLO 13	-204.77	-10.51	496.8	80.142	-2386.9097	-62.2819
2	20.75	20.21	-2.1	SLO 14	-221.59	-17.67	496.8	167.5574	-2592.8732	51.482
2	20.75	20.21	-2.1	SLO 15	-191.06	-96.05	496.8	1047.7659	-2229.2701	-62.2819
2	20.75	20.21	-2.1	SLO 16	-207.88	-103.21	496.8	1135.1814	-2435.2336	51.482
2	20.75	20.21	-2.1	SLD 1	186.79	83.54	496.8	-956.307	2110.3058	-55.2196
2	20.75	20.21	-2.1	SLD 2	172.07	77.27	496.8	-879.7449	1929.9145	44.4196
2	20.75	20.21	-2.1	SLD 3	198.73	9.08	496.8	-113.9627	2247.5494	-55.2196
2	20.75	20.21	-2.1	SLD 4	184	2.81	496.8	-37.4006	2067.1581	44.4195
2	20.75	20.21	-2.1	SLD 5	43.85	136.92	496.8	-1568.8382	467.1185	-45.7931
2	20.75	20.21	-2.1	SLD 6	31.91	131.84	496.8	-1506.7625	320.8593	34.9931
2	20.75	20.21	-2.1	SLD 7	83.64	-111.29	496.8	1238.9762	924.5972	-45.7931
2	20.75	20.21	-2.1	SLD 8	71.69	-116.37	496.8	1301.0519	778.338	34.9931
2	20.75	20.21	-2.1	SLD 9	-65.54	108.72	496.8	-1257.729	-789.4561	-45.7931
2	20.75	20.21	-2.1	SLD 10	-77.48	103.64	496.8	-1195.6534	-935.7153	34.9931
2	20.75	20.21	-2.1	SLD 11	-25.76	-139.49	496.8	1550.0854	-331.9774	-45.7931
2	20.75	20.21	-2.1	SLD 12	-37.7	-144.57	496.8	1612.161	-478.2366	34.9931
2	20.75	20.21	-2.1	SLD 13	-177.85	-10.46	496.8	80.7235	-2078.2762	-55.2195
2	20.75	20.21	-2.1	SLD 14	-192.57	-16.73	496.8	157.2856	-2258.6675	44.4196
2	20.75	20.21	-2.1	SLD 15	-165.91	-84.93	496.8	923.0678	-1941.0326	-55.2196
2	20.75	20.21	-2.1	SLD 16	-180.64	-91.19	496.8	999.6299	-2121.4239	44.4196
2	20.75	20.21	-2.1	SLV FO 1	216.97	97.15	496.8	-1109.4563	2457.8708	-63.1831
2	20.75	20.21	-2.1	SLV FO 2	199.89	89.88	496.8	-1020.656	2248.6444	52.3831
2	20.75	20.21	-2.1	SLV FO 3	230.87	10.43	496.8	-128.4805	2617.699	-63.1831
2	20.75	20.21	-2.1	SLV FO 4	213.78	3.16	496.8	-39.6802	2408.4727	52.3831
2	20.75	20.21	-2.1	SLV FO 5	50.44	159.81	496.8	-1827.7121	543.4287	-51.6587
2	20.75	20.21	-2.1	SLV FO 6	36.77	153.99	496.8	-1756.6222	375.9308	40.8587
2	20.75	20.21	-2.1	SLV FO 7	96.77	-129.25	496.8	1442.2073	1076.1896	-51.6588
2	20.75	20.21	-2.1	SLV FO 8	83.09	-135.07	496.8	1513.2972	908.6917	40.8587
2	20.75	20.21	-2.1	SLV FO 9	-76.94	127.42	496.8	-1469.9743	-919.8098	-51.6587
2	20.75	20.21	-2.1	SLV FO 10	-90.61	121.6	496.8	-1398.8844	-1087.3077	40.8588
2	20.75	20.21	-2.1	SLV FO 11	-30.61	-161.64	496.8	1799.9451	-387.0489	-51.6587
2	20.75	20.21	-2.1	SLV FO 12	-44.29	-167.46	496.8	1871.035	-554.5468	40.8587
2	20.75	20.21	-2.1	SLV FO 13	-207.63	-10.81	496.8	83.0031	-2419.5908	-63.1831
2	20.75	20.21	-2.1	SLV FO 14	-224.71	-18.08	496.8	171.8034	-2628.8172	52.3831

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
2	20.75	20.21	-2.1	SLV FO 15	-193.73	-97.53	496.8	1063.9789	-2259.7626	-63.1831
2	20.75	20.21	-2.1	SLV FO 16	-210.81	-104.8	496.8	1152.7792	-2468.9889	52.3831
3	27.31	20.21	-2.1	SLU 1	-2.54	6.65	647.36	-81.4122	-31.1027	0
3	27.31	20.21	-2.1	SLU 2	-2.75	0.07	647.36	-0.7967	-33.7466	0
3	27.31	20.21	-2.1	SLU 3	-2.97	-6.52	647.36	79.8188	-36.3904	0
3	27.31	20.21	-2.1	SLU 4	-12.7	6.75	647.36	-82.714	-155.6032	0
3	27.31	20.21	-2.1	SLU 5	-13.13	-6.41	647.36	78.517	-160.891	0
3	27.31	20.21	-2.1	SLU 6	-19.56	4.19	647.36	-51.3357	-239.6611	0
3	27.31	20.21	-2.1	SLU 7	-19.69	0.24	647.36	-2.9664	-241.2474	0
3	27.31	20.21	-2.1	SLU 8	-19.82	-3.71	647.36	45.4029	-242.8338	0
3	27.31	20.21	-2.1	SLU 9	-2.27	21.41	647.36	-262.2153	-27.7894	0
3	27.31	20.21	-2.1	SLU 10	-2.7	8.24	647.36	-100.9844	-33.0772	0
3	27.31	20.21	-2.1	SLU 11	-2.17	28.61	647.36	-350.5046	-26.6381	0
3	27.31	20.21	-2.1	SLU 12	-2.3	24.67	647.36	-302.1353	-28.2244	0
3	27.31	20.21	-2.1	SLU 13	-2.43	20.72	647.36	-253.766	-29.8108	0
3	27.31	20.21	-2.1	SLU 14	5.14	6.57	647.36	-80.4288	62.9406	0
3	27.31	20.21	-2.1	SLU 15	4.71	-6.6	647.36	80.8021	57.6529	0
3	27.31	20.21	-2.1	SLU 16	10.17	3.88	647.36	-47.5271	124.5786	0
3	27.31	20.21	-2.1	SLU 17	10.04	-0.07	647.36	0.8422	122.9923	0
3	27.31	20.21	-2.1	SLU 18	9.91	-4.02	647.36	49.2115	121.4059	0
3	27.31	20.21	-2.1	SLU 19	-2.8	-7.75	647.36	94.9803	-34.3384	0
3	27.31	20.21	-2.1	SLU 20	-3.23	-20.92	647.36	256.2113	-39.6261	0
3	27.31	20.21	-2.1	SLU 21	-3.07	-19.99	647.36	244.8215	-37.553	0
3	27.31	20.21	-2.1	SLU 22	-3.2	-23.93	647.36	293.1908	-39.1393	0
3	27.31	20.21	-2.1	SLU 23	-3.32	-27.88	647.36	341.5601	-40.7256	0
3	27.31	20.21	-2.1	SLU 24	-2.63	4.01	693.29	-49.166	-32.1603	0
3	27.31	20.21	-2.1	SLU 25	-2.75	0.07	693.29	-0.7967	-33.7466	0
3	27.31	20.21	-2.1	SLU 26	-2.88	-3.88	693.29	47.5726	-35.3329	0
3	27.31	20.21	-2.1	SLU 27	-12.79	4.12	693.29	-50.4678	-156.6608	0
3	27.31	20.21	-2.1	SLU 28	-12.92	0.17	693.29	-2.0985	-158.2471	0
3	27.31	20.21	-2.1	SLU 29	-13.05	-3.78	693.29	46.2708	-159.8334	0
3	27.31	20.21	-2.1	SLU 30	-2.35	18.77	693.29	-229.9692	-28.847	0
3	27.31	20.21	-2.1	SLU 31	-2.48	14.83	693.29	-181.5999	-30.4333	0
3	27.31	20.21	-2.1	SLU 32	-2.61	10.88	693.29	-133.2306	-32.0196	0
3	27.31	20.21	-2.1	SLU 33	5.05	3.93	693.29	-48.1826	61.883	0
3	27.31	20.21	-2.1	SLU 34	4.92	-0.01	693.29	0.1867	60.2967	0
3	27.31	20.21	-2.1	SLU 35	4.79	-3.96	693.29	48.556	58.7104	0
3	27.31	20.21	-2.1	SLU 36	-2.89	-10.39	693.29	127.2265	-35.3959	0
3	27.31	20.21	-2.1	SLU 37	-3.02	-14.33	693.29	175.5958	-36.9822	0
3	27.31	20.21	-2.1	SLU 38	-3.15	-18.28	693.29	223.9651	-38.5685	0
3	27.31	20.21	-2.1	SLU 39	-2.54	6.65	686.86	-81.4122	-31.1027	0
3	27.31	20.21	-2.1	SLU 40	-2.97	-6.52	686.86	79.8188	-36.3904	0
3	27.31	20.21	-2.1	SLU 41	-12.7	6.75	686.86	-82.714	-155.6032	0
3	27.31	20.21	-2.1	SLU 42	-13.13	-6.41	686.86	78.517	-160.891	0
3	27.31	20.21	-2.1	SLU 43	-19.56	4.19	686.86	-51.3357	-239.6611	0
3	27.31	20.21	-2.1	SLU 44	-19.69	0.24	686.86	-2.9664	-241.2474	0
3	27.31	20.21	-2.1	SLU 45	-19.82	-3.71	686.86	45.4029	-242.8338	0
3	27.31	20.21	-2.1	SLU 46	-2.27	21.41	686.86	-262.2153	-27.7894	0
3	27.31	20.21	-2.1	SLU 47	-2.7	8.24	686.86	-100.9844	-33.0772	0
3	27.31	20.21	-2.1	SLU 48	-2.17	28.61	686.86	-350.5046	-26.6381	0
3	27.31	20.21	-2.1	SLU 49	-2.3	24.67	686.86	-302.1353	-28.2244	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
3	27.31	20.21	-2.1	SLU 50	-2.43	20.72	686.86	-253.766	-29.8108	0
3	27.31	20.21	-2.1	SLU 51	5.14	6.57	686.86	-80.4288	62.9406	0
3	27.31	20.21	-2.1	SLU 52	4.71	-6.6	686.86	80.8021	57.6529	0
3	27.31	20.21	-2.1	SLU 53	10.17	3.88	686.86	-47.5271	124.5786	0
3	27.31	20.21	-2.1	SLU 54	10.04	-0.07	686.86	0.8422	122.9923	0
3	27.31	20.21	-2.1	SLU 55	9.91	-4.02	686.86	49.2115	121.4059	0
3	27.31	20.21	-2.1	SLU 56	-2.8	-7.75	686.86	94.9803	-34.3384	0
3	27.31	20.21	-2.1	SLU 57	-3.23	-20.92	686.86	256.2113	-39.6261	0
3	27.31	20.21	-2.1	SLU 58	-3.07	-19.99	686.86	244.8215	-37.553	0
3	27.31	20.21	-2.1	SLU 59	-3.2	-23.93	686.86	293.1908	-39.1393	0
3	27.31	20.21	-2.1	SLU 60	-3.32	-27.88	686.86	341.5601	-40.7256	0
3	27.31	20.21	-2.1	SLU 61	-2.63	4.01	732.78	-49.166	-32.1603	0
3	27.31	20.21	-2.1	SLU 62	-2.75	0.07	732.78	-0.7967	-33.7466	0
3	27.31	20.21	-2.1	SLU 63	-2.88	-3.88	732.78	47.5726	-35.3329	0
3	27.31	20.21	-2.1	SLU 64	-12.79	4.12	732.78	-50.4678	-156.6608	0
3	27.31	20.21	-2.1	SLU 65	-12.92	0.17	732.78	-2.0985	-158.2471	0
3	27.31	20.21	-2.1	SLU 66	-13.05	-3.78	732.78	46.2708	-159.8334	0
3	27.31	20.21	-2.1	SLU 67	-2.35	18.77	732.78	-229.9692	-28.847	0
3	27.31	20.21	-2.1	SLU 68	-2.48	14.83	732.78	-181.5999	-30.4333	0
3	27.31	20.21	-2.1	SLU 69	-2.61	10.88	732.78	-133.2306	-32.0196	0
3	27.31	20.21	-2.1	SLU 70	5.05	3.93	732.78	-48.1826	61.883	0
3	27.31	20.21	-2.1	SLU 71	4.92	-0.01	732.78	0.1867	60.2967	0
3	27.31	20.21	-2.1	SLU 72	4.79	-3.96	732.78	48.556	58.7104	0
3	27.31	20.21	-2.1	SLU 73	-2.89	-10.39	732.78	127.2265	-35.3959	0
3	27.31	20.21	-2.1	SLU 74	-3.02	-14.33	732.78	175.5958	-36.9822	0
3	27.31	20.21	-2.1	SLU 75	-3.15	-18.28	732.78	223.9651	-38.5685	0
3	27.31	20.21	-2.1	SLU 76	-2.63	4.01	726.35	-49.166	-32.1603	0
3	27.31	20.21	-2.1	SLU 77	-2.75	0.07	726.35	-0.7967	-33.7466	0
3	27.31	20.21	-2.1	SLU 78	-2.88	-3.88	726.35	47.5726	-35.3329	0
3	27.31	20.21	-2.1	SLU 79	-12.79	4.12	726.35	-50.4678	-156.6608	0
3	27.31	20.21	-2.1	SLU 80	-12.92	0.17	726.35	-2.0985	-158.2471	0
3	27.31	20.21	-2.1	SLU 81	-13.05	-3.78	726.35	46.2708	-159.8334	0
3	27.31	20.21	-2.1	SLU 82	-2.35	18.77	726.35	-229.9692	-28.847	0
3	27.31	20.21	-2.1	SLU 83	-2.48	14.83	726.35	-181.5999	-30.4333	0
3	27.31	20.21	-2.1	SLU 84	-2.61	10.88	726.35	-133.2306	-32.0196	0
3	27.31	20.21	-2.1	SLU 85	5.05	3.93	726.35	-48.1826	61.883	0
3	27.31	20.21	-2.1	SLU 86	4.92	-0.01	726.35	0.1867	60.2967	0
3	27.31	20.21	-2.1	SLU 87	4.79	-3.96	726.35	48.556	58.7104	0
3	27.31	20.21	-2.1	SLU 88	-2.89	-10.39	726.35	127.2265	-35.3959	0
3	27.31	20.21	-2.1	SLU 89	-3.02	-14.33	726.35	175.5958	-36.9822	0
3	27.31	20.21	-2.1	SLU 90	-3.15	-18.28	726.35	223.9651	-38.5685	0
3	27.31	20.21	-2.1	SLE RA 1	-1.69	4.43	494.2	-54.2748	-20.7351	0
3	27.31	20.21	-2.1	SLE RA 2	-1.84	0.04	494.2	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE RA 3	-1.98	-4.34	494.2	53.2125	-24.2603	0
3	27.31	20.21	-2.1	SLE RA 4	-8.47	4.5	494.2	-55.1427	-103.7355	0
3	27.31	20.21	-2.1	SLE RA 5	-8.76	-4.27	494.2	52.3446	-107.2606	0
3	27.31	20.21	-2.1	SLE RA 6	-13.04	2.79	494.2	-34.2238	-159.7741	0
3	27.31	20.21	-2.1	SLE RA 7	-13.13	0.16	494.2	-1.9776	-160.8316	0
3	27.31	20.21	-2.1	SLE RA 8	-13.22	-2.47	494.2	30.2686	-161.8891	0
3	27.31	20.21	-2.1	SLE RA 9	-1.51	14.27	494.2	-174.8102	-18.5263	0
3	27.31	20.21	-2.1	SLE RA 10	-1.8	5.5	494.2	-67.3229	-22.0514	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
3	27.31	20.21	-2.1	SLE RA 11	-1.45	19.08	494.2	-233.6697	-17.7587	0
3	27.31	20.21	-2.1	SLE RA 12	-1.54	16.44	494.2	-201.4235	-18.8163	0
3	27.31	20.21	-2.1	SLE RA 13	-1.62	13.81	494.2	-169.1774	-19.8738	0
3	27.31	20.21	-2.1	SLE RA 14	3.43	4.38	494.2	-53.6192	41.9604	0
3	27.31	20.21	-2.1	SLE RA 15	3.14	-4.4	494.2	53.8681	38.4353	0
3	27.31	20.21	-2.1	SLE RA 16	6.78	2.59	494.2	-31.6847	83.0524	0
3	27.31	20.21	-2.1	SLE RA 17	6.69	-0.05	494.2	0.5615	81.9949	0
3	27.31	20.21	-2.1	SLE RA 18	6.61	-2.68	494.2	32.8077	80.9373	0
3	27.31	20.21	-2.1	SLE RA 19	-1.87	-5.17	494.2	63.3202	-22.8922	0
3	27.31	20.21	-2.1	SLE RA 20	-2.16	-13.94	494.2	170.8075	-26.4174	0
3	27.31	20.21	-2.1	SLE RA 21	-2.04	-13.32	494.2	163.2143	-25.0353	0
3	27.31	20.21	-2.1	SLE RA 22	-2.13	-15.96	494.2	195.4605	-26.0928	0
3	27.31	20.21	-2.1	SLE RA 23	-2.22	-18.59	494.2	227.7067	-27.1504	0
3	27.31	20.21	-2.1	SLE RA 24	-1.75	2.68	524.82	-32.7773	-21.4402	0
3	27.31	20.21	-2.1	SLE RA 25	-1.84	0.04	524.82	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE RA 26	-1.92	-2.59	524.82	31.7151	-23.5552	0
3	27.31	20.21	-2.1	SLE RA 27	-8.53	2.75	524.82	-33.6452	-104.4405	0
3	27.31	20.21	-2.1	SLE RA 28	-8.61	0.11	524.82	-1.399	-105.498	0
3	27.31	20.21	-2.1	SLE RA 29	-8.7	-2.52	524.82	30.8472	-106.5556	0
3	27.31	20.21	-2.1	SLE RA 30	-1.57	12.52	524.82	-153.3128	-19.2313	0
3	27.31	20.21	-2.1	SLE RA 31	-1.66	9.88	524.82	-121.0666	-20.2888	0
3	27.31	20.21	-2.1	SLE RA 32	-1.74	7.25	524.82	-88.8204	-21.3464	0
3	27.31	20.21	-2.1	SLE RA 33	3.37	2.62	524.82	-32.1218	41.2554	0
3	27.31	20.21	-2.1	SLE RA 34	3.28	-0.01	524.82	0.1244	40.1978	0
3	27.31	20.21	-2.1	SLE RA 35	3.2	-2.64	524.82	32.3706	39.1403	0
3	27.31	20.21	-2.1	SLE RA 36	-1.93	-6.92	524.82	84.8177	-23.5972	0
3	27.31	20.21	-2.1	SLE RA 37	-2.01	-9.56	524.82	117.0639	-24.6548	0
3	27.31	20.21	-2.1	SLE RA 38	-2.1	-12.19	524.82	149.3101	-25.7123	0
3	27.31	20.21	-2.1	SLE RA 39	-1.69	4.43	520.53	-54.2748	-20.7351	0
3	27.31	20.21	-2.1	SLE RA 40	-1.98	-4.34	520.53	53.2125	-24.2603	0
3	27.31	20.21	-2.1	SLE RA 41	-8.47	4.5	520.53	-55.1427	-103.7355	0
3	27.31	20.21	-2.1	SLE RA 42	-8.76	-4.27	520.53	52.3446	-107.2606	0
3	27.31	20.21	-2.1	SLE RA 43	-13.04	2.79	520.53	-34.2238	-159.7741	0
3	27.31	20.21	-2.1	SLE RA 44	-13.13	0.16	520.53	-1.9776	-160.8316	0
3	27.31	20.21	-2.1	SLE RA 45	-13.22	-2.47	520.53	30.2686	-161.8891	0
3	27.31	20.21	-2.1	SLE RA 46	-1.51	14.27	520.53	-174.8102	-18.5263	0
3	27.31	20.21	-2.1	SLE RA 47	-1.8	5.5	520.53	-67.3229	-22.0514	0
3	27.31	20.21	-2.1	SLE RA 48	-1.45	19.08	520.53	-233.6697	-17.7587	0
3	27.31	20.21	-2.1	SLE RA 49	-1.54	16.44	520.53	-201.4235	-18.8163	0
3	27.31	20.21	-2.1	SLE RA 50	-1.62	13.81	520.53	-169.1774	-19.8738	0
3	27.31	20.21	-2.1	SLE RA 51	3.43	4.38	520.53	-53.6192	41.9604	0
3	27.31	20.21	-2.1	SLE RA 52	3.14	-4.4	520.53	53.8681	38.4353	0
3	27.31	20.21	-2.1	SLE RA 53	6.78	2.59	520.53	-31.6847	83.0524	0
3	27.31	20.21	-2.1	SLE RA 54	6.69	-0.05	520.53	0.5615	81.9949	0
3	27.31	20.21	-2.1	SLE RA 55	6.61	-2.68	520.53	32.8077	80.9373	0
3	27.31	20.21	-2.1	SLE RA 56	-1.87	-5.17	520.53	63.3202	-22.8922	0
3	27.31	20.21	-2.1	SLE RA 57	-2.16	-13.94	520.53	170.8075	-26.4174	0
3	27.31	20.21	-2.1	SLE RA 58	-2.04	-13.32	520.53	163.2143	-25.0353	0
3	27.31	20.21	-2.1	SLE RA 59	-2.13	-15.96	520.53	195.4605	-26.0928	0
3	27.31	20.21	-2.1	SLE RA 60	-2.22	-18.59	520.53	227.7067	-27.1504	0
3	27.31	20.21	-2.1	SLE RA 61	-1.75	2.68	551.15	-32.7773	-21.4402	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
3	27.31	20.21	-2.1	SLE RA 62	-1.84	0.04	551.15	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE RA 63	-1.92	-2.59	551.15	31.7151	-23.5552	0
3	27.31	20.21	-2.1	SLE RA 64	-8.53	2.75	551.15	-33.6452	-104.4405	0
3	27.31	20.21	-2.1	SLE RA 65	-8.61	0.11	551.15	-1.399	-105.498	0
3	27.31	20.21	-2.1	SLE RA 66	-8.7	-2.52	551.15	30.8472	-106.5556	0
3	27.31	20.21	-2.1	SLE RA 67	-1.57	12.52	551.15	-153.3128	-19.2313	0
3	27.31	20.21	-2.1	SLE RA 68	-1.66	9.88	551.15	-121.0666	-20.2888	0
3	27.31	20.21	-2.1	SLE RA 69	-1.74	7.25	551.15	-88.8204	-21.3464	0
3	27.31	20.21	-2.1	SLE RA 70	3.37	2.62	551.15	-32.1218	41.2554	0
3	27.31	20.21	-2.1	SLE RA 71	3.28	-0.01	551.15	0.1244	40.1978	0
3	27.31	20.21	-2.1	SLE RA 72	3.2	-2.64	551.15	32.3706	39.1403	0
3	27.31	20.21	-2.1	SLE RA 73	-1.93	-6.92	551.15	84.8177	-23.5972	0
3	27.31	20.21	-2.1	SLE RA 74	-2.01	-9.56	551.15	117.0639	-24.6548	0
3	27.31	20.21	-2.1	SLE RA 75	-2.1	-12.19	551.15	149.3101	-25.7123	0
3	27.31	20.21	-2.1	SLE RA 76	-1.75	2.68	546.86	-32.7773	-21.4402	0
3	27.31	20.21	-2.1	SLE RA 77	-1.84	0.04	546.86	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE RA 78	-1.92	-2.59	546.86	31.7151	-23.5552	0
3	27.31	20.21	-2.1	SLE RA 79	-8.53	2.75	546.86	-33.6452	-104.4405	0
3	27.31	20.21	-2.1	SLE RA 80	-8.61	0.11	546.86	-1.399	-105.498	0
3	27.31	20.21	-2.1	SLE RA 81	-8.7	-2.52	546.86	30.8472	-106.5556	0
3	27.31	20.21	-2.1	SLE RA 82	-1.57	12.52	546.86	-153.3128	-19.2313	0
3	27.31	20.21	-2.1	SLE RA 83	-1.66	9.88	546.86	-121.0666	-20.2888	0
3	27.31	20.21	-2.1	SLE RA 84	-1.74	7.25	546.86	-88.8204	-21.3464	0
3	27.31	20.21	-2.1	SLE RA 85	3.37	2.62	546.86	-32.1218	41.2554	0
3	27.31	20.21	-2.1	SLE RA 86	3.28	-0.01	546.86	0.1244	40.1978	0
3	27.31	20.21	-2.1	SLE RA 87	3.2	-2.64	546.86	32.3706	39.1403	0
3	27.31	20.21	-2.1	SLE RA 88	-1.93	-6.92	546.86	84.8177	-23.5972	0
3	27.31	20.21	-2.1	SLE RA 89	-2.01	-9.56	546.86	117.0639	-24.6548	0
3	27.31	20.21	-2.1	SLE RA 90	-2.1	-12.19	546.86	149.3101	-25.7123	0
3	27.31	20.21	-2.1	SLE FR 1	-1.76	2.24	494.2	-27.403	-21.6164	0
3	27.31	20.21	-2.1	SLE FR 2	-1.84	0.04	494.2	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE FR 3	-1.91	-2.15	494.2	26.3407	-23.379	0
3	27.31	20.21	-2.1	SLE FR 4	-4.1	0.07	494.2	-0.8204	-50.1645	0
3	27.31	20.21	-2.1	SLE FR 5	-1.78	3.32	494.2	-40.7096	-21.7614	0
3	27.31	20.21	-2.1	SLE FR 6	-0.13	0.03	494.2	-0.3126	-1.5992	0
3	27.31	20.21	-2.1	SLE FR 7	-1.9	-3.16	494.2	38.6672	-23.2167	0
3	27.31	20.21	-2.1	SLE FR 8	-1.84	0.04	504.73	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLE QP 1	-1.84	0.04	494.2	-0.5311	-22.4977	0
3	27.31	20.21	-2.1	SLO 1	190.25	28.2	494.2	-345.4093	2330.5737	-124.1535
3	27.31	20.21	-2.1	SLO 2	173.48	28.58	494.2	-350.0324	2125.0651	124.1535
3	27.31	20.21	-2.1	SLO 3	202.71	-48.91	494.2	599.016	2483.1315	-124.1535
3	27.31	20.21	-2.1	SLO 4	185.93	-48.53	494.2	594.3928	2277.6229	124.1535
3	27.31	20.21	-2.1	SLO 5	41.06	125.34	494.2	-1535.2282	502.9273	-98.7257
3	27.31	20.21	-2.1	SLO 6	27.72	125.64	494.2	-1538.9045	339.5089	98.7257
3	27.31	20.21	-2.1	SLO 7	82.57	-131.68	494.2	1612.856	1011.4533	-98.7257
3	27.31	20.21	-2.1	SLO 8	69.23	-131.38	494.2	1609.1797	848.0348	98.7257
3	27.31	20.21	-2.1	SLO 9	-72.9	131.47	494.2	-1610.242	-893.0303	-98.7257
3	27.31	20.21	-2.1	SLO 10	-86.24	131.77	494.2	-1613.9183	-1056.4487	98.7257
3	27.31	20.21	-2.1	SLO 11	-31.39	-125.56	494.2	1537.8422	-384.5043	-98.7257
3	27.31	20.21	-2.1	SLO 12	-44.73	-125.26	494.2	1534.1659	-547.9228	98.7257
3	27.31	20.21	-2.1	SLO 13	-189.6	48.62	494.2	-595.4551	-2322.6183	-124.1535

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
3	27.31	20.21	-2.1	SLO 14	-206.38	48.99	494.2	-600.0783	-2528.1269	124.1535
3	27.31	20.21	-2.1	SLO 15	-177.15	-28.49	494.2	348.9702	-2170.0605	-124.1535
3	27.31	20.21	-2.1	SLO 16	-193.93	-28.11	494.2	344.347	-2375.5691	124.1535
3	27.31	20.21	-2.1	SLD 1	165.44	24.55	494.2	-300.7081	2026.6296	-108.7388
3	27.31	20.21	-2.1	SLD 2	150.75	24.88	494.2	-304.7573	1846.6367	108.7388
3	27.31	20.21	-2.1	SLD 3	176.28	-42.57	494.2	521.3825	2159.4471	-108.7388
3	27.31	20.21	-2.1	SLD 4	161.59	-42.24	494.2	517.3333	1979.4542	108.7388
3	27.31	20.21	-2.1	SLD 5	35.66	109.11	494.2	-1336.3875	436.7697	-88.1641
3	27.31	20.21	-2.1	SLD 6	23.74	109.38	494.2	-1339.6705	290.8336	88.1641
3	27.31	20.21	-2.1	SLD 7	71.8	-114.62	494.2	1403.9145	879.4947	-88.1641
3	27.31	20.21	-2.1	SLD 8	59.88	-114.35	494.2	1400.6315	733.5586	88.1641
3	27.31	20.21	-2.1	SLD 9	-63.56	114.44	494.2	-1401.6937	-778.554	-88.1641
3	27.31	20.21	-2.1	SLD 10	-75.47	114.71	494.2	-1404.9768	-924.4901	88.1641
3	27.31	20.21	-2.1	SLD 11	-27.41	-109.29	494.2	1338.6083	-335.829	-88.1641
3	27.31	20.21	-2.1	SLD 12	-39.33	-109.02	494.2	1335.3252	-481.7651	88.1641
3	27.31	20.21	-2.1	SLD 13	-165.26	42.33	494.2	-518.3956	-2024.4496	-108.7388
3	27.31	20.21	-2.1	SLD 14	-179.96	42.66	494.2	-522.4448	-2204.4425	108.7388
3	27.31	20.21	-2.1	SLD 15	-154.42	-24.79	494.2	303.695	-1891.6321	-108.7388
3	27.31	20.21	-2.1	SLD 16	-169.12	-24.46	494.2	299.6458	-2071.625	108.7388
3	27.31	20.21	-2.1	SLV FO 1	192.92	28.59	494.2	-350.1632	2363.2593	-126.1204
3	27.31	20.21	-2.1	SLV FO 2	175.88	28.97	494.2	-354.8596	2154.4952	126.1204
3	27.31	20.21	-2.1	SLV FO 3	205.55	-49.58	494.2	607.2941	2517.9351	-126.1204
3	27.31	20.21	-2.1	SLV FO 4	188.51	-49.2	494.2	602.5977	2309.1709	126.1204
3	27.31	20.21	-2.1	SLV FO 5	41.71	127.07	494.2	-1556.3889	510.8872	-100.9667
3	27.31	20.21	-2.1	SLV FO 6	28.06	127.38	494.2	-1560.1487	343.7592	100.9667
3	27.31	20.21	-2.1	SLV FO 7	83.8	-133.5	494.2	1635.1354	1026.4731	-100.9667
3	27.31	20.21	-2.1	SLV FO 8	70.15	-133.19	494.2	1631.3757	859.3451	100.9667
3	27.31	20.21	-2.1	SLV FO 9	-73.82	133.28	494.2	-1632.4379	-904.3405	-100.9667
3	27.31	20.21	-2.1	SLV FO 10	-87.47	133.59	494.2	-1636.1977	-1071.4685	100.9667
3	27.31	20.21	-2.1	SLV FO 11	-31.74	-127.29	494.2	1559.0864	-388.7546	-100.9667
3	27.31	20.21	-2.1	SLV FO 12	-45.38	-126.98	494.2	1555.3267	-555.8826	100.9667
3	27.31	20.21	-2.1	SLV FO 13	-192.18	49.29	494.2	-603.6599	-2354.1663	-126.1204
3	27.31	20.21	-2.1	SLV FO 14	-209.22	49.67	494.2	-608.3564	-2562.9305	126.1204
3	27.31	20.21	-2.1	SLV FO 15	-179.55	-28.89	494.2	353.7974	-2199.4906	-126.1204
3	27.31	20.21	-2.1	SLV FO 16	-196.6	-28.5	494.2	349.101	-2408.2548	126.1204
4	32.87	20.21	-2.1	SLU 1	-6.28	12.27	644.69	-112.46	-12.3576	-8.1
4	32.87	20.21	-2.1	SLU 2	-10.1	5.67	644.69	-31.6967	-59.1702	-8.1
4	32.87	20.21	-2.1	SLU 3	-13.92	-0.92	644.69	49.0667	-105.9828	-8.1
4	32.87	20.21	-2.1	SLU 4	-16.46	14.15	644.69	-135.4743	-137.1019	-8.1
4	32.87	20.21	-2.1	SLU 5	-24.1	0.96	644.69	26.0525	-230.7271	-8.1
4	32.87	20.21	-2.1	SLU 6	-24.78	12.77	644.69	-118.5117	-238.9898	-8.1
4	32.87	20.21	-2.1	SLU 7	-27.07	8.81	644.69	-70.0537	-267.0774	-8.1
4	32.87	20.21	-2.1	SLU 8	-29.36	4.86	644.69	-21.5957	-295.165	-8.1
4	32.87	20.21	-2.1	SLU 9	-6.01	26.92	644.69	-291.9586	-9.0359	-8.1
4	32.87	20.21	-2.1	SLU 10	-13.65	13.73	644.69	-130.4319	-102.6611	-8.1
4	32.87	20.21	-2.1	SLU 11	-7.35	34.05	644.69	-379.319	-25.5464	-8.1
4	32.87	20.21	-2.1	SLU 12	-9.65	30.09	644.69	-330.861	-53.634	-8.1
4	32.87	20.21	-2.1	SLU 13	-11.94	26.14	644.69	-282.403	-81.7215	-8.1
4	32.87	20.21	-2.1	SLU 14	1.42	10.84	644.69	-95.0759	81.8698	-8.1
4	32.87	20.21	-2.1	SLU 15	-6.23	-2.34	644.69	66.4508	-11.7554	-8.1
4	32.87	20.21	-2.1	SLU 16	5.02	7.26	644.69	-51.1811	125.9631	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
4	32.87	20.21	-2.1	SLU 17	2.72	3.3	644.69	-2.7231	97.8755	-8.1
4	32.87	20.21	-2.1	SLU 18	0.43	-0.65	644.69	45.7349	69.788	-8.1
4	32.87	20.21	-2.1	SLU 19	-6.54	-2.03	644.69	62.7192	-15.6012	-8.1
4	32.87	20.21	-2.1	SLU 20	-14.18	-15.22	644.69	224.246	-109.2265	-8.1
4	32.87	20.21	-2.1	SLU 21	-8.25	-14.2	644.69	211.8107	-36.4887	-8.1
4	32.87	20.21	-2.1	SLU 22	-10.54	-18.16	644.69	260.2688	-64.5763	-8.1
4	32.87	20.21	-2.1	SLU 23	-12.83	-22.11	644.69	308.7268	-92.6638	-8.1
4	32.87	20.21	-2.1	SLU 24	-7.81	9.63	665.76	-80.1547	-31.0827	-8.1
4	32.87	20.21	-2.1	SLU 25	-10.1	5.67	665.76	-31.6967	-59.1702	-8.1
4	32.87	20.21	-2.1	SLU 26	-12.39	1.72	665.76	16.7614	-87.2578	-8.1
4	32.87	20.21	-2.1	SLU 27	-17.99	11.51	665.76	-103.1689	-155.827	-8.1
4	32.87	20.21	-2.1	SLU 28	-20.28	7.56	665.76	-54.7109	-183.9145	-8.1
4	32.87	20.21	-2.1	SLU 29	-22.58	3.6	665.76	-6.2529	-212.0021	-8.1
4	32.87	20.21	-2.1	SLU 30	-7.53	24.28	665.76	-259.6533	-27.7609	-8.1
4	32.87	20.21	-2.1	SLU 31	-9.83	20.33	665.76	-211.1953	-55.8485	-8.1
4	32.87	20.21	-2.1	SLU 32	-12.12	16.37	665.76	-162.7372	-83.936	-8.1
4	32.87	20.21	-2.1	SLU 33	-0.11	8.21	665.76	-62.7706	63.1448	-8.1
4	32.87	20.21	-2.1	SLU 34	-2.41	4.25	665.76	-14.3125	35.0572	-8.1
4	32.87	20.21	-2.1	SLU 35	-4.7	0.29	665.76	34.1455	6.9697	-8.1
4	32.87	20.21	-2.1	SLU 36	-8.07	-4.67	665.76	95.0246	-34.3263	-8.1
4	32.87	20.21	-2.1	SLU 37	-10.36	-8.63	665.76	143.4826	-62.4139	-8.1
4	32.87	20.21	-2.1	SLU 38	-12.66	-12.58	665.76	191.9406	-90.5014	-8.1
4	32.87	20.21	-2.1	SLU 39	-6.28	12.27	662.81	-112.46	-12.3576	-8.1
4	32.87	20.21	-2.1	SLU 40	-13.92	-0.92	662.81	49.0667	-105.9828	-8.1
4	32.87	20.21	-2.1	SLU 41	-16.46	14.15	662.81	-135.4743	-137.1019	-8.1
4	32.87	20.21	-2.1	SLU 42	-24.1	0.96	662.81	26.0525	-230.7271	-8.1
4	32.87	20.21	-2.1	SLU 43	-24.78	12.77	662.81	-118.5117	-238.9898	-8.1
4	32.87	20.21	-2.1	SLU 44	-27.07	8.81	662.81	-70.0537	-267.0774	-8.1
4	32.87	20.21	-2.1	SLU 45	-29.36	4.86	662.81	-21.5957	-295.165	-8.1
4	32.87	20.21	-2.1	SLU 46	-6.01	26.92	662.81	-291.9586	-9.0359	-8.1
4	32.87	20.21	-2.1	SLU 47	-13.65	13.73	662.81	-130.4319	-102.6611	-8.1
4	32.87	20.21	-2.1	SLU 48	-7.35	34.05	662.81	-379.319	-25.5464	-8.1
4	32.87	20.21	-2.1	SLU 49	-9.65	30.09	662.81	-330.861	-53.634	-8.1
4	32.87	20.21	-2.1	SLU 50	-11.94	26.14	662.81	-282.403	-81.7215	-8.1
4	32.87	20.21	-2.1	SLU 51	1.42	10.84	662.81	-95.0759	81.8698	-8.1
4	32.87	20.21	-2.1	SLU 52	-6.23	-2.34	662.81	66.4508	-11.7554	-8.1
4	32.87	20.21	-2.1	SLU 53	5.02	7.26	662.81	-51.1811	125.9631	-8.1
4	32.87	20.21	-2.1	SLU 54	2.72	3.3	662.81	-2.7231	97.8755	-8.1
4	32.87	20.21	-2.1	SLU 55	0.43	-0.65	662.81	45.7349	69.788	-8.1
4	32.87	20.21	-2.1	SLU 56	-6.54	-2.03	662.81	62.7192	-15.6012	-8.1
4	32.87	20.21	-2.1	SLU 57	-14.18	-15.22	662.81	224.246	-109.2265	-8.1
4	32.87	20.21	-2.1	SLU 58	-8.25	-14.2	662.81	211.8107	-36.4887	-8.1
4	32.87	20.21	-2.1	SLU 59	-10.54	-18.16	662.81	260.2688	-64.5763	-8.1
4	32.87	20.21	-2.1	SLU 60	-12.83	-22.11	662.81	308.7268	-92.6638	-8.1
4	32.87	20.21	-2.1	SLU 61	-7.81	9.63	683.88	-80.1547	-31.0827	-8.1
4	32.87	20.21	-2.1	SLU 62	-10.1	5.67	683.88	-31.6967	-59.1702	-8.1
4	32.87	20.21	-2.1	SLU 63	-12.39	1.72	683.88	16.7614	-87.2578	-8.1
4	32.87	20.21	-2.1	SLU 64	-17.99	11.51	683.88	-103.1689	-155.827	-8.1
4	32.87	20.21	-2.1	SLU 65	-20.28	7.56	683.88	-54.7109	-183.9145	-8.1
4	32.87	20.21	-2.1	SLU 66	-22.58	3.6	683.88	-6.2529	-212.0021	-8.1
4	32.87	20.21	-2.1	SLU 67	-7.53	24.28	683.88	-259.6533	-27.7609	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
4	32.87	20.21	-2.1	SLU 68	-9.83	20.33	683.88	-211.1953	-55.8485	-8.1
4	32.87	20.21	-2.1	SLU 69	-12.12	16.37	683.88	-162.7372	-83.936	-8.1
4	32.87	20.21	-2.1	SLU 70	-0.11	8.21	683.88	-62.7706	63.1448	-8.1
4	32.87	20.21	-2.1	SLU 71	-2.41	4.25	683.88	-14.3125	35.0572	-8.1
4	32.87	20.21	-2.1	SLU 72	-4.7	0.29	683.88	34.1455	6.9697	-8.1
4	32.87	20.21	-2.1	SLU 73	-8.07	-4.67	683.88	95.0246	-34.3263	-8.1
4	32.87	20.21	-2.1	SLU 74	-10.36	-8.63	683.88	143.4826	-62.4139	-8.1
4	32.87	20.21	-2.1	SLU 75	-12.66	-12.58	683.88	191.9406	-90.5014	-8.1
4	32.87	20.21	-2.1	SLU 76	-7.81	9.63	680.93	-80.1547	-31.0827	-8.1
4	32.87	20.21	-2.1	SLU 77	-10.1	5.67	680.93	-31.6967	-59.1702	-8.1
4	32.87	20.21	-2.1	SLU 78	-12.39	1.72	680.93	16.7614	-87.2578	-8.1
4	32.87	20.21	-2.1	SLU 79	-17.99	11.51	680.93	-103.1689	-155.827	-8.1
4	32.87	20.21	-2.1	SLU 80	-20.28	7.56	680.93	-54.7109	-183.9145	-8.1
4	32.87	20.21	-2.1	SLU 81	-22.58	3.6	680.93	-6.2529	-212.0021	-8.1
4	32.87	20.21	-2.1	SLU 82	-7.53	24.28	680.93	-259.6533	-27.7609	-8.1
4	32.87	20.21	-2.1	SLU 83	-9.83	20.33	680.93	-211.1953	-55.8485	-8.1
4	32.87	20.21	-2.1	SLU 84	-12.12	16.37	680.93	-162.7372	-83.936	-8.1
4	32.87	20.21	-2.1	SLU 85	-0.11	8.21	680.93	-62.7706	63.1448	-8.1
4	32.87	20.21	-2.1	SLU 86	-2.41	4.25	680.93	-14.3125	35.0572	-8.1
4	32.87	20.21	-2.1	SLU 87	-4.7	0.29	680.93	34.1455	6.9697	-8.1
4	32.87	20.21	-2.1	SLU 88	-8.07	-4.67	680.93	95.0246	-34.3263	-8.1
4	32.87	20.21	-2.1	SLU 89	-10.36	-8.63	680.93	143.4826	-62.4139	-8.1
4	32.87	20.21	-2.1	SLU 90	-12.66	-12.58	680.93	191.9406	-90.5014	-8.1
4	32.87	20.21	-2.1	SLE RA 1	-4.21	8.18	479.26	-74.9734	-8.3415	-5.4
4	32.87	20.21	-2.1	SLE RA 2	-6.76	3.78	479.26	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE RA 3	-9.31	-0.61	479.26	32.7111	-70.7583	-5.4
4	32.87	20.21	-2.1	SLE RA 4	-11	9.43	479.26	-90.3162	-91.5044	-5.4
4	32.87	20.21	-2.1	SLE RA 5	-16.1	0.64	479.26	17.3683	-153.9212	-5.4
4	32.87	20.21	-2.1	SLE RA 6	-16.55	8.51	479.26	-79.0078	-159.4297	-5.4
4	32.87	20.21	-2.1	SLE RA 7	-18.08	5.88	479.26	-46.7025	-178.1547	-5.4
4	32.87	20.21	-2.1	SLE RA 8	-19.61	3.24	479.26	-14.3971	-196.8798	-5.4
4	32.87	20.21	-2.1	SLE RA 9	-4.03	17.95	479.26	-194.6391	-6.127	-5.4
4	32.87	20.21	-2.1	SLE RA 10	-9.13	9.16	479.26	-86.9546	-68.5438	-5.4
4	32.87	20.21	-2.1	SLE RA 11	-4.93	22.7	479.26	-252.8793	-17.134	-5.4
4	32.87	20.21	-2.1	SLE RA 12	-6.46	20.06	479.26	-220.574	-35.8591	-5.4
4	32.87	20.21	-2.1	SLE RA 13	-7.99	17.43	479.26	-188.2686	-54.5841	-5.4
4	32.87	20.21	-2.1	SLE RA 14	0.91	7.23	479.26	-63.3839	54.4768	-5.4
4	32.87	20.21	-2.1	SLE RA 15	-4.18	-1.56	479.26	44.3006	-7.94	-5.4
4	32.87	20.21	-2.1	SLE RA 16	3.31	4.84	479.26	-34.1208	83.8723	-5.4
4	32.87	20.21	-2.1	SLE RA 17	1.79	2.2	479.26	-1.8154	65.1472	-5.4
4	32.87	20.21	-2.1	SLE RA 18	0.26	-0.44	479.26	30.4899	46.4222	-5.4
4	32.87	20.21	-2.1	SLE RA 19	-4.39	-1.36	479.26	41.8128	-10.5039	-5.4
4	32.87	20.21	-2.1	SLE RA 20	-9.49	-10.15	479.26	149.4973	-72.9208	-5.4
4	32.87	20.21	-2.1	SLE RA 21	-5.53	-9.47	479.26	141.2072	-24.4289	-5.4
4	32.87	20.21	-2.1	SLE RA 22	-7.06	-12.11	479.26	173.5125	-43.154	-5.4
4	32.87	20.21	-2.1	SLE RA 23	-8.58	-14.74	479.26	205.8179	-61.879	-5.4
4	32.87	20.21	-2.1	SLE RA 24	-5.23	6.42	493.31	-53.4365	-20.8249	-5.4
4	32.87	20.21	-2.1	SLE RA 25	-6.76	3.78	493.31	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE RA 26	-8.29	1.15	493.31	11.1742	-58.275	-5.4
4	32.87	20.21	-2.1	SLE RA 27	-12.02	7.68	493.31	-68.7793	-103.9878	-5.4
4	32.87	20.21	-2.1	SLE RA 28	-13.55	5.04	493.31	-36.4739	-122.7128	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
4	32.87	20.21	-2.1	SLE RA 29	-15.08	2.4	493.31	-4.1686	-141.4379	-5.4
4	32.87	20.21	-2.1	SLE RA 30	-5.05	16.19	493.31	-173.1022	-18.6104	-5.4
4	32.87	20.21	-2.1	SLE RA 31	-6.58	13.55	493.31	-140.7968	-37.3354	-5.4
4	32.87	20.21	-2.1	SLE RA 32	-8.11	10.91	493.31	-108.4915	-56.0605	-5.4
4	32.87	20.21	-2.1	SLE RA 33	-0.1	5.47	493.31	-41.847	41.9934	-5.4
4	32.87	20.21	-2.1	SLE RA 34	-1.63	2.83	493.31	-9.5417	23.2684	-5.4
4	32.87	20.21	-2.1	SLE RA 35	-3.16	0.2	493.31	22.7637	4.5433	-5.4
4	32.87	20.21	-2.1	SLE RA 36	-5.41	-3.11	493.31	63.3497	-22.9873	-5.4
4	32.87	20.21	-2.1	SLE RA 37	-6.94	-5.75	493.31	95.6551	-41.7124	-5.4
4	32.87	20.21	-2.1	SLE RA 38	-8.47	-8.39	493.31	127.9604	-60.4374	-5.4
4	32.87	20.21	-2.1	SLE RA 39	-4.21	8.18	491.34	-74.9734	-8.3415	-5.4
4	32.87	20.21	-2.1	SLE RA 40	-9.31	-0.61	491.34	32.7111	-70.7583	-5.4
4	32.87	20.21	-2.1	SLE RA 41	-11	9.43	491.34	-90.3162	-91.5044	-5.4
4	32.87	20.21	-2.1	SLE RA 42	-16.1	0.64	491.34	17.3683	-153.9212	-5.4
4	32.87	20.21	-2.1	SLE RA 43	-16.55	8.51	491.34	-79.0078	-159.4297	-5.4
4	32.87	20.21	-2.1	SLE RA 44	-18.08	5.88	491.34	-46.7025	-178.1547	-5.4
4	32.87	20.21	-2.1	SLE RA 45	-19.61	3.24	491.34	-14.3971	-196.8798	-5.4
4	32.87	20.21	-2.1	SLE RA 46	-4.03	17.95	491.34	-194.6391	-6.127	-5.4
4	32.87	20.21	-2.1	SLE RA 47	-9.13	9.16	491.34	-86.9546	-68.5438	-5.4
4	32.87	20.21	-2.1	SLE RA 48	-4.93	22.7	491.34	-252.8793	-17.134	-5.4
4	32.87	20.21	-2.1	SLE RA 49	-6.46	20.06	491.34	-220.574	-35.8591	-5.4
4	32.87	20.21	-2.1	SLE RA 50	-7.99	17.43	491.34	-188.2686	-54.5841	-5.4
4	32.87	20.21	-2.1	SLE RA 51	0.91	7.23	491.34	-63.3839	54.4768	-5.4
4	32.87	20.21	-2.1	SLE RA 52	-4.18	-1.56	491.34	44.3006	-7.94	-5.4
4	32.87	20.21	-2.1	SLE RA 53	3.31	4.84	491.34	-34.1208	83.8723	-5.4
4	32.87	20.21	-2.1	SLE RA 54	1.79	2.2	491.34	-1.8154	65.1472	-5.4
4	32.87	20.21	-2.1	SLE RA 55	0.26	-0.44	491.34	30.4899	46.4222	-5.4
4	32.87	20.21	-2.1	SLE RA 56	-4.39	-1.36	491.34	41.8128	-10.5039	-5.4
4	32.87	20.21	-2.1	SLE RA 57	-9.49	-10.15	491.34	149.4973	-72.9208	-5.4
4	32.87	20.21	-2.1	SLE RA 58	-5.53	-9.47	491.34	141.2072	-24.4289	-5.4
4	32.87	20.21	-2.1	SLE RA 59	-7.06	-12.11	491.34	173.5125	-43.154	-5.4
4	32.87	20.21	-2.1	SLE RA 60	-8.58	-14.74	491.34	205.8179	-61.879	-5.4
4	32.87	20.21	-2.1	SLE RA 61	-5.23	6.42	505.39	-53.4365	-20.8249	-5.4
4	32.87	20.21	-2.1	SLE RA 62	-6.76	3.78	505.39	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE RA 63	-8.29	1.15	505.39	11.1742	-58.275	-5.4
4	32.87	20.21	-2.1	SLE RA 64	-12.02	7.68	505.39	-68.7793	-103.9878	-5.4
4	32.87	20.21	-2.1	SLE RA 65	-13.55	5.04	505.39	-36.4739	-122.7128	-5.4
4	32.87	20.21	-2.1	SLE RA 66	-15.08	2.4	505.39	-4.1686	-141.4379	-5.4
4	32.87	20.21	-2.1	SLE RA 67	-5.05	16.19	505.39	-173.1022	-18.6104	-5.4
4	32.87	20.21	-2.1	SLE RA 68	-6.58	13.55	505.39	-140.7968	-37.3354	-5.4
4	32.87	20.21	-2.1	SLE RA 69	-8.11	10.91	505.39	-108.4915	-56.0605	-5.4
4	32.87	20.21	-2.1	SLE RA 70	-0.1	5.47	505.39	-41.847	41.9934	-5.4
4	32.87	20.21	-2.1	SLE RA 71	-1.63	2.83	505.39	-9.5417	23.2684	-5.4
4	32.87	20.21	-2.1	SLE RA 72	-3.16	0.2	505.39	22.7637	4.5433	-5.4
4	32.87	20.21	-2.1	SLE RA 73	-5.41	-3.11	505.39	63.3497	-22.9873	-5.4
4	32.87	20.21	-2.1	SLE RA 74	-6.94	-5.75	505.39	95.6551	-41.7124	-5.4
4	32.87	20.21	-2.1	SLE RA 75	-8.47	-8.39	505.39	127.9604	-60.4374	-5.4
4	32.87	20.21	-2.1	SLE RA 76	-5.23	6.42	503.42	-53.4365	-20.8249	-5.4
4	32.87	20.21	-2.1	SLE RA 77	-6.76	3.78	503.42	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE RA 78	-8.29	1.15	503.42	11.1742	-58.275	-5.4
4	32.87	20.21	-2.1	SLE RA 79	-12.02	7.68	503.42	-68.7793	-103.9878	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
4	32.87	20.21	-2.1	SLE RA 80	-13.55	5.04	503.42	-36.4739	-122.7128	-5.4
4	32.87	20.21	-2.1	SLE RA 81	-15.08	2.4	503.42	-4.1686	-141.4379	-5.4
4	32.87	20.21	-2.1	SLE RA 82	-5.05	16.19	503.42	-173.1022	-18.6104	-5.4
4	32.87	20.21	-2.1	SLE RA 83	-6.58	13.55	503.42	-140.7968	-37.3354	-5.4
4	32.87	20.21	-2.1	SLE RA 84	-8.11	10.91	503.42	-108.4915	-56.0605	-5.4
4	32.87	20.21	-2.1	SLE RA 85	-0.1	5.47	503.42	-41.847	41.9934	-5.4
4	32.87	20.21	-2.1	SLE RA 86	-1.63	2.83	503.42	-9.5417	23.2684	-5.4
4	32.87	20.21	-2.1	SLE RA 87	-3.16	0.2	503.42	22.7637	4.5433	-5.4
4	32.87	20.21	-2.1	SLE RA 88	-5.41	-3.11	503.42	63.3497	-22.9873	-5.4
4	32.87	20.21	-2.1	SLE RA 89	-6.94	-5.75	503.42	95.6551	-41.7124	-5.4
4	32.87	20.21	-2.1	SLE RA 90	-8.47	-8.39	503.42	127.9604	-60.4374	-5.4
4	32.87	20.21	-2.1	SLE FR 1	-5.49	5.98	479.26	-48.0522	-23.9457	-5.4
4	32.87	20.21	-2.1	SLE FR 2	-6.76	3.78	479.26	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE FR 3	-8.03	1.58	479.26	5.79	-55.1541	-5.4
4	32.87	20.21	-2.1	SLE FR 4	-9.02	4.2	479.26	-26.2454	-67.2709	-5.4
4	32.87	20.21	-2.1	SLE FR 5	-6.7	7.04	479.26	-61.0197	-38.8118	-5.4
4	32.87	20.21	-2.1	SLE FR 6	-5.05	3.47	479.26	-17.268	-18.6105	-5.4
4	32.87	20.21	-2.1	SLE FR 7	-6.82	0.6	479.26	17.7976	-40.2707	-5.4
4	32.87	20.21	-2.1	SLE FR 8	-6.76	3.78	484.09	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLE QP 1	-6.76	3.78	479.26	-21.1311	-39.5499	-5.4
4	32.87	20.21	-2.1	SLO 1	204.18	0.78	479.26	6.2093	2390.0148	-54.3969
4	32.87	20.21	-2.1	SLO 2	187.37	7.56	479.26	-76.5761	2184.0683	43.5969
4	32.87	20.21	-2.1	SLO 3	217.89	-87.45	479.26	1004.9539	2547.6462	-54.3969
4	32.87	20.21	-2.1	SLO 4	201.08	-80.67	479.26	922.1684	2341.6997	43.5969
4	32.87	20.21	-2.1	SLO 5	39.9	135.02	479.26	-1507.1942	501.2366	-44.3619
4	32.87	20.21	-2.1	SLO 6	26.53	140.41	479.26	-1573.0244	337.4699	33.5619
4	32.87	20.21	-2.1	SLO 7	85.58	-159.08	479.26	1821.9542	1026.6745	-44.3619
4	32.87	20.21	-2.1	SLO 8	72.21	-153.69	479.26	1756.124	862.9078	33.5619
4	32.87	20.21	-2.1	SLO 9	-85.74	161.25	479.26	-1798.3862	-942.0077	-44.3619
4	32.87	20.21	-2.1	SLO 10	-99.11	166.64	479.26	-1864.2164	-1105.7744	33.5619
4	32.87	20.21	-2.1	SLO 11	-40.05	-132.84	479.26	1530.7622	-416.5698	-44.3619
4	32.87	20.21	-2.1	SLO 12	-53.42	-127.45	479.26	1464.932	-580.3365	33.5619
4	32.87	20.21	-2.1	SLO 13	-214.6	88.24	479.26	-964.4307	-2420.7996	-54.3969
4	32.87	20.21	-2.1	SLO 14	-231.41	95.01	479.26	-1047.2161	-2626.7461	43.5969
4	32.87	20.21	-2.1	SLO 15	-200.89	0.01	479.26	34.3139	-2263.1682	-54.3969
4	32.87	20.21	-2.1	SLO 16	-217.7	6.79	479.26	-48.4716	-2469.1147	43.5969
4	32.87	20.21	-2.1	SLD 1	176.94	0.49	479.26	9.5069	2076.2195	-48.3135
4	32.87	20.21	-2.1	SLD 2	162.22	6.42	479.26	-63	1895.843	37.5135
4	32.87	20.21	-2.1	SLD 3	188.88	-76.31	479.26	878.8391	2213.4559	-48.3135
4	32.87	20.21	-2.1	SLD 4	174.15	-70.37	479.26	806.3322	2033.0795	37.5135
4	32.87	20.21	-2.1	SLD 5	34.01	117.75	479.26	-1311.909	433.106	-40.1938
4	32.87	20.21	-2.1	SLD 6	22.07	122.56	479.26	-1370.6968	286.8589	29.3938
4	32.87	20.21	-2.1	SLD 7	73.79	-138.23	479.26	1585.865	890.5608	-40.1938
4	32.87	20.21	-2.1	SLD 8	61.85	-133.42	479.26	1527.0772	744.3137	29.3938
4	32.87	20.21	-2.1	SLD 9	-75.37	140.99	479.26	-1569.3394	-823.4136	-40.1938
4	32.87	20.21	-2.1	SLD 10	-87.31	145.8	479.26	-1628.1272	-969.6607	29.3938
4	32.87	20.21	-2.1	SLD 11	-35.6	-115	479.26	1328.4346	-365.9588	-40.1938
4	32.87	20.21	-2.1	SLD 12	-47.53	-110.19	479.26	1269.6468	-512.2059	29.3938
4	32.87	20.21	-2.1	SLD 13	-187.67	77.94	479.26	-848.5944	-2112.1793	-48.3135
4	32.87	20.21	-2.1	SLD 14	-202.4	83.87	479.26	-921.1013	-2292.5558	37.5135
4	32.87	20.21	-2.1	SLD 15	-175.74	1.14	479.26	20.7378	-1974.9429	-48.3135

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
4	32.87	20.21	-2.1	SLD 16	-190.47	7.08	479.26	-51.7691	-2155.3193	37.5135
4	32.87	20.21	-2.1	SLV FO 1	207.11	0.55	479.26	8.4429	2423.7688	-55.1731
4	32.87	20.21	-2.1	SLV FO 2	190.03	7.44	479.26	-75.654	2214.5596	44.3731
4	32.87	20.21	-2.1	SLV FO 3	221.01	-88.89	479.26	1020.9717	2583.5887	-55.1731
4	32.87	20.21	-2.1	SLV FO 4	203.93	-82.01	479.26	936.8748	2374.3796	44.3731
4	32.87	20.21	-2.1	SLV FO 5	40.6	136.75	479.26	-1526.8798	509.4128	-45.2463
4	32.87	20.21	-2.1	SLV FO 6	26.93	142.26	479.26	-1594.2043	341.9287	34.4463
4	32.87	20.21	-2.1	SLV FO 7	86.92	-161.4	479.26	1848.2161	1042.1459	-45.2463
4	32.87	20.21	-2.1	SLV FO 8	73.25	-155.89	479.26	1780.8916	874.6617	34.4463
4	32.87	20.21	-2.1	SLV FO 9	-86.77	163.46	479.26	-1823.1538	-953.7616	-45.2463
4	32.87	20.21	-2.1	SLV FO 10	-100.44	168.97	479.26	-1890.4783	-1121.2457	34.4463
4	32.87	20.21	-2.1	SLV FO 11	-40.45	-134.7	479.26	1551.9421	-421.0286	-45.2463
4	32.87	20.21	-2.1	SLV FO 12	-54.12	-129.19	479.26	1484.6176	-588.5127	34.4463
4	32.87	20.21	-2.1	SLV FO 13	-217.45	89.57	479.26	-979.137	-2453.4794	-55.1731
4	32.87	20.21	-2.1	SLV FO 14	-234.53	96.46	479.26	-1063.2339	-2662.6886	44.3731
4	32.87	20.21	-2.1	SLV FO 15	-203.56	0.13	479.26	33.3918	-2293.6595	-55.1731
4	32.87	20.21	-2.1	SLV FO 16	-220.64	7.01	479.26	-50.7051	-2502.8686	44.3731
5	20.75	0	0	SLU 1	4.26	-14.13	619.27	105.6335	-21.6155	-8.1
5	20.75	0	0	SLU 2	11.35	-7.54	619.27	38.6793	50.3708	-8.1
5	20.75	0	0	SLU 3	18.44	-0.94	619.27	-28.2748	122.357	-8.1
5	20.75	0	0	SLU 4	1.07	-17.66	619.27	141.308	-53.9352	-8.1
5	20.75	0	0	SLU 5	15.26	-4.46	619.27	7.3997	90.0373	-8.1
5	20.75	0	0	SLU 6	1.79	-17.37	619.27	138.3093	-46.6872	-8.1
5	20.75	0	0	SLU 7	6.04	-13.41	619.27	98.1368	-3.4954	-8.1
5	20.75	0	0	SLU 8	10.3	-9.45	619.27	57.9643	39.6963	-8.1
5	20.75	0	0	SLU 9	3.99	11.98	619.27	-159.3793	-24.3651	-8.1
5	20.75	0	0	SLU 10	18.17	25.17	619.27	-293.2876	119.6074	-8.1
5	20.75	0	0	SLU 11	6.64	32.02	619.27	-362.8362	2.5963	-8.1
5	20.75	0	0	SLU 12	10.9	35.98	619.27	-403.0087	45.788	-8.1
5	20.75	0	0	SLU 13	15.16	39.94	619.27	-443.1812	88.9798	-8.1
5	20.75	0	0	SLU 14	6.66	-11.47	619.27	78.6862	2.7977	-8.1
5	20.75	0	0	SLU 15	20.85	1.72	619.27	-55.2221	146.7702	-8.1
5	20.75	0	0	SLU 16	11.1	-7.06	619.27	33.9397	47.8676	-8.1
5	20.75	0	0	SLU 17	15.36	-3.1	619.27	-6.2328	91.0594	-8.1
5	20.75	0	0	SLU 18	19.62	0.85	619.27	-46.4053	134.2512	-8.1
5	20.75	0	0	SLU 19	4.52	-39.65	619.27	364.6066	-18.9307	-8.1
5	20.75	0	0	SLU 20	18.71	-26.46	619.27	230.6983	125.0418	-8.1
5	20.75	0	0	SLU 21	7.54	-54.02	619.27	510.4737	11.6536	-8.1
5	20.75	0	0	SLU 22	11.79	-50.06	619.27	470.3012	54.8454	-8.1
5	20.75	0	0	SLU 23	16.05	-46.1	619.27	430.1287	98.0371	-8.1
5	20.75	0	0	SLU 24	7.1	-11.5	644.13	78.8518	7.179	-8.1
5	20.75	0	0	SLU 25	11.35	-7.54	644.13	38.6793	50.3708	-8.1
5	20.75	0	0	SLU 26	15.61	-3.58	644.13	-1.4932	93.5625	-8.1
5	20.75	0	0	SLU 27	3.91	-15.02	644.13	114.5263	-25.1407	-8.1
5	20.75	0	0	SLU 28	8.17	-11.06	644.13	74.3538	18.051	-8.1
5	20.75	0	0	SLU 29	12.42	-7.1	644.13	34.1813	61.2428	-8.1
5	20.75	0	0	SLU 30	6.83	14.61	644.13	-186.161	4.4294	-8.1
5	20.75	0	0	SLU 31	11.08	18.57	644.13	-226.3335	47.6211	-8.1
5	20.75	0	0	SLU 32	15.34	22.53	644.13	-266.506	90.8129	-8.1
5	20.75	0	0	SLU 33	9.5	-8.83	644.13	51.9046	31.5922	-8.1
5	20.75	0	0	SLU 34	13.76	-4.88	644.13	11.7321	74.784	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
5	20.75	0	0	SLU 35	18.01	-0.92	644.13	-28.4404	117.9757	-8.1
5	20.75	0	0	SLU 36	7.36	-37.01	644.13	337.825	9.8638	-8.1
5	20.75	0	0	SLU 37	11.62	-33.05	644.13	297.6525	53.0555	-8.1
5	20.75	0	0	SLU 38	15.87	-29.09	644.13	257.48	96.2473	-8.1
5	20.75	0	0	SLU 39	4.26	-14.13	640.65	105.6335	-21.6155	-8.1
5	20.75	0	0	SLU 40	18.44	-0.94	640.65	-28.2748	122.357	-8.1
5	20.75	0	0	SLU 41	1.07	-17.66	640.65	141.308	-53.9352	-8.1
5	20.75	0	0	SLU 42	15.26	-4.46	640.65	7.3997	90.0373	-8.1
5	20.75	0	0	SLU 43	1.79	-17.37	640.65	138.3093	-46.6872	-8.1
5	20.75	0	0	SLU 44	6.04	-13.41	640.65	98.1368	-3.4954	-8.1
5	20.75	0	0	SLU 45	10.3	-9.45	640.65	57.9643	39.6963	-8.1
5	20.75	0	0	SLU 46	3.99	11.98	640.65	-159.3793	-24.3651	-8.1
5	20.75	0	0	SLU 47	18.17	25.17	640.65	-293.2876	119.6074	-8.1
5	20.75	0	0	SLU 48	6.64	32.02	640.65	-362.8362	2.5963	-8.1
5	20.75	0	0	SLU 49	10.9	35.98	640.65	-403.0087	45.788	-8.1
5	20.75	0	0	SLU 50	15.16	39.94	640.65	-443.1812	88.9798	-8.1
5	20.75	0	0	SLU 51	6.66	-11.47	640.65	78.6862	2.7977	-8.1
5	20.75	0	0	SLU 52	20.85	1.72	640.65	-55.2221	146.7702	-8.1
5	20.75	0	0	SLU 53	11.1	-7.06	640.65	33.9397	47.8676	-8.1
5	20.75	0	0	SLU 54	15.36	-3.1	640.65	-6.2328	91.0594	-8.1
5	20.75	0	0	SLU 55	19.62	0.85	640.65	-46.4053	134.2512	-8.1
5	20.75	0	0	SLU 56	4.52	-39.65	640.65	364.6066	-18.9307	-8.1
5	20.75	0	0	SLU 57	18.71	-26.46	640.65	230.6983	125.0418	-8.1
5	20.75	0	0	SLU 58	7.54	-54.02	640.65	510.4737	11.6536	-8.1
5	20.75	0	0	SLU 59	11.79	-50.06	640.65	470.3012	54.8454	-8.1
5	20.75	0	0	SLU 60	16.05	-46.1	640.65	430.1287	98.0371	-8.1
5	20.75	0	0	SLU 61	7.1	-11.5	665.51	78.8518	7.179	-8.1
5	20.75	0	0	SLU 62	11.35	-7.54	665.51	38.6793	50.3708	-8.1
5	20.75	0	0	SLU 63	15.61	-3.58	665.51	-1.4932	93.5625	-8.1
5	20.75	0	0	SLU 64	3.91	-15.02	665.51	114.5263	-25.1407	-8.1
5	20.75	0	0	SLU 65	8.17	-11.06	665.51	74.3538	18.051	-8.1
5	20.75	0	0	SLU 66	12.42	-7.1	665.51	34.1813	61.2428	-8.1
5	20.75	0	0	SLU 67	6.83	14.61	665.51	-186.161	4.4294	-8.1
5	20.75	0	0	SLU 68	11.08	18.57	665.51	-226.3335	47.6211	-8.1
5	20.75	0	0	SLU 69	15.34	22.53	665.51	-266.506	90.8129	-8.1
5	20.75	0	0	SLU 70	9.5	-8.83	665.51	51.9046	31.5922	-8.1
5	20.75	0	0	SLU 71	13.76	-4.88	665.51	11.7321	74.784	-8.1
5	20.75	0	0	SLU 72	18.01	-0.92	665.51	-28.4404	117.9757	-8.1
5	20.75	0	0	SLU 73	7.36	-37.01	665.51	337.825	9.8638	-8.1
5	20.75	0	0	SLU 74	11.62	-33.05	665.51	297.6525	53.0555	-8.1
5	20.75	0	0	SLU 75	15.87	-29.09	665.51	257.48	96.2473	-8.1
5	20.75	0	0	SLU 76	7.1	-11.5	662.03	78.8518	7.179	-8.1
5	20.75	0	0	SLU 77	11.35	-7.54	662.03	38.6793	50.3708	-8.1
5	20.75	0	0	SLU 78	15.61	-3.58	662.03	-1.4932	93.5625	-8.1
5	20.75	0	0	SLU 79	3.91	-15.02	662.03	114.5263	-25.1407	-8.1
5	20.75	0	0	SLU 80	8.17	-11.06	662.03	74.3538	18.051	-8.1
5	20.75	0	0	SLU 81	12.42	-7.1	662.03	34.1813	61.2428	-8.1
5	20.75	0	0	SLU 82	6.83	14.61	662.03	-186.161	4.4294	-8.1
5	20.75	0	0	SLU 83	11.08	18.57	662.03	-226.3335	47.6211	-8.1
5	20.75	0	0	SLU 84	15.34	22.53	662.03	-266.506	90.8129	-8.1
5	20.75	0	0	SLU 85	9.5	-8.83	662.03	51.9046	31.5922	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
5	20.75	0	0	SLU 86	13.76	-4.88	662.03	11.7321	74.784	-8.1
5	20.75	0	0	SLU 87	18.01	-0.92	662.03	-28.4404	117.9757	-8.1
5	20.75	0	0	SLU 88	7.36	-37.01	662.03	337.825	9.8638	-8.1
5	20.75	0	0	SLU 89	11.62	-33.05	662.03	297.6525	53.0555	-8.1
5	20.75	0	0	SLU 90	15.87	-29.09	662.03	257.48	96.2473	-8.1
5	20.75	0	0	SLE RA 1	2.88	-9.42	459.4	70.4223	-14.3048	-5.4
5	20.75	0	0	SLE RA 2	7.61	-5.03	459.4	25.7862	33.686	-5.4
5	20.75	0	0	SLE RA 3	12.33	-0.63	459.4	-18.8499	81.6769	-5.4
5	20.75	0	0	SLE RA 4	0.75	-11.77	459.4	94.2053	-35.8513	-5.4
5	20.75	0	0	SLE RA 5	10.21	-2.98	459.4	4.9331	60.1304	-5.4
5	20.75	0	0	SLE RA 6	1.23	-11.58	459.4	92.2062	-31.0193	-5.4
5	20.75	0	0	SLE RA 7	4.07	-8.94	459.4	65.4246	-2.2248	-5.4
5	20.75	0	0	SLE RA 8	6.9	-6.3	459.4	38.6429	26.5697	-5.4
5	20.75	0	0	SLE RA 9	2.7	7.98	459.4	-106.2529	-16.1379	-5.4
5	20.75	0	0	SLE RA 10	12.15	16.78	459.4	-195.5251	79.8438	-5.4
5	20.75	0	0	SLE RA 11	4.47	21.35	459.4	-241.8908	1.8364	-5.4
5	20.75	0	0	SLE RA 12	7.3	23.99	459.4	-268.6725	30.6309	-5.4
5	20.75	0	0	SLE RA 13	10.14	26.62	459.4	-295.4541	59.4254	-5.4
5	20.75	0	0	SLE RA 14	4.48	-7.65	459.4	52.4575	1.9706	-5.4
5	20.75	0	0	SLE RA 15	13.94	1.15	459.4	-36.8147	97.9523	-5.4
5	20.75	0	0	SLE RA 16	7.44	-4.71	459.4	22.6265	32.0173	-5.4
5	20.75	0	0	SLE RA 17	10.28	-2.07	459.4	-4.1552	60.8118	-5.4
5	20.75	0	0	SLE RA 18	13.12	0.57	459.4	-30.9369	89.6063	-5.4
5	20.75	0	0	SLE RA 19	3.05	-26.43	459.4	243.0711	-12.515	-5.4
5	20.75	0	0	SLE RA 20	12.51	-17.64	459.4	153.7989	83.4667	-5.4
5	20.75	0	0	SLE RA 21	5.06	-36.01	459.4	340.3158	7.8746	-5.4
5	20.75	0	0	SLE RA 22	7.9	-33.37	459.4	313.5341	36.6691	-5.4
5	20.75	0	0	SLE RA 23	10.74	-30.74	459.4	286.7525	65.4636	-5.4
5	20.75	0	0	SLE RA 24	4.77	-7.66	475.97	52.5679	4.8915	-5.4
5	20.75	0	0	SLE RA 25	7.61	-5.03	475.97	25.7862	33.686	-5.4
5	20.75	0	0	SLE RA 26	10.44	-2.39	475.97	-0.9954	62.4805	-5.4
5	20.75	0	0	SLE RA 27	2.65	-10.01	475.97	76.3509	-16.655	-5.4
5	20.75	0	0	SLE RA 28	5.48	-7.37	475.97	49.5692	12.1395	-5.4
5	20.75	0	0	SLE RA 29	8.32	-4.73	475.97	22.7876	40.9341	-5.4
5	20.75	0	0	SLE RA 30	4.59	9.74	475.97	-124.1073	3.0584	-5.4
5	20.75	0	0	SLE RA 31	7.43	12.38	475.97	-150.889	31.8529	-5.4
5	20.75	0	0	SLE RA 32	10.26	15.02	475.97	-177.6707	60.6474	-5.4
5	20.75	0	0	SLE RA 33	6.37	-5.89	475.97	34.603	21.167	-5.4
5	20.75	0	0	SLE RA 34	9.21	-3.25	475.97	7.8214	49.9615	-5.4
5	20.75	0	0	SLE RA 35	12.05	-0.61	475.97	-18.9603	78.756	-5.4
5	20.75	0	0	SLE RA 36	4.95	-24.67	475.97	225.2166	6.6814	-5.4
5	20.75	0	0	SLE RA 37	7.78	-22.03	475.97	198.435	35.4759	-5.4
5	20.75	0	0	SLE RA 38	10.62	-19.4	475.97	171.6533	64.2704	-5.4
5	20.75	0	0	SLE RA 39	2.88	-9.42	473.65	70.4223	-14.3048	-5.4
5	20.75	0	0	SLE RA 40	12.33	-0.63	473.65	-18.8499	81.6769	-5.4
5	20.75	0	0	SLE RA 41	0.75	-11.77	473.65	94.2053	-35.8513	-5.4
5	20.75	0	0	SLE RA 42	10.21	-2.98	473.65	4.9331	60.1304	-5.4
5	20.75	0	0	SLE RA 43	1.23	-11.58	473.65	92.2062	-31.0193	-5.4
5	20.75	0	0	SLE RA 44	4.07	-8.94	473.65	65.4246	-2.2248	-5.4
5	20.75	0	0	SLE RA 45	6.9	-6.3	473.65	38.6429	26.5697	-5.4
5	20.75	0	0	SLE RA 46	2.7	7.98	473.65	-106.2529	-16.1379	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
5	20.75	0	0	SLE RA 47	12.15	16.78	473.65	-195.5251	79.8438	-5.4
5	20.75	0	0	SLE RA 48	4.47	21.35	473.65	-241.8908	1.8364	-5.4
5	20.75	0	0	SLE RA 49	7.3	23.99	473.65	-268.6725	30.6309	-5.4
5	20.75	0	0	SLE RA 50	10.14	26.62	473.65	-295.4541	59.4254	-5.4
5	20.75	0	0	SLE RA 51	4.48	-7.65	473.65	52.4575	1.9706	-5.4
5	20.75	0	0	SLE RA 52	13.94	1.15	473.65	-36.8147	97.9523	-5.4
5	20.75	0	0	SLE RA 53	7.44	-4.71	473.65	22.6265	32.0173	-5.4
5	20.75	0	0	SLE RA 54	10.28	-2.07	473.65	-4.1552	60.8118	-5.4
5	20.75	0	0	SLE RA 55	13.12	0.57	473.65	-30.9369	89.6063	-5.4
5	20.75	0	0	SLE RA 56	3.05	-26.43	473.65	243.0711	-12.515	-5.4
5	20.75	0	0	SLE RA 57	12.51	-17.64	473.65	153.7989	83.4667	-5.4
5	20.75	0	0	SLE RA 58	5.06	-36.01	473.65	340.3158	7.8746	-5.4
5	20.75	0	0	SLE RA 59	7.9	-33.37	473.65	313.5341	36.6691	-5.4
5	20.75	0	0	SLE RA 60	10.74	-30.74	473.65	286.7525	65.4636	-5.4
5	20.75	0	0	SLE RA 61	4.77	-7.66	490.22	52.5679	4.8915	-5.4
5	20.75	0	0	SLE RA 62	7.61	-5.03	490.22	25.7862	33.686	-5.4
5	20.75	0	0	SLE RA 63	10.44	-2.39	490.22	-0.9954	62.4805	-5.4
5	20.75	0	0	SLE RA 64	2.65	-10.01	490.22	76.3509	-16.655	-5.4
5	20.75	0	0	SLE RA 65	5.48	-7.37	490.22	49.5692	12.1395	-5.4
5	20.75	0	0	SLE RA 66	8.32	-4.73	490.22	22.7876	40.9341	-5.4
5	20.75	0	0	SLE RA 67	4.59	9.74	490.22	-124.1073	3.0584	-5.4
5	20.75	0	0	SLE RA 68	7.43	12.38	490.22	-150.889	31.8529	-5.4
5	20.75	0	0	SLE RA 69	10.26	15.02	490.22	-177.6707	60.6474	-5.4
5	20.75	0	0	SLE RA 70	6.37	-5.89	490.22	34.603	21.167	-5.4
5	20.75	0	0	SLE RA 71	9.21	-3.25	490.22	7.8214	49.9615	-5.4
5	20.75	0	0	SLE RA 72	12.05	-0.61	490.22	-18.9603	78.756	-5.4
5	20.75	0	0	SLE RA 73	4.95	-24.67	490.22	225.2166	6.6814	-5.4
5	20.75	0	0	SLE RA 74	7.78	-22.03	490.22	198.435	35.4759	-5.4
5	20.75	0	0	SLE RA 75	10.62	-19.4	490.22	171.6533	64.2704	-5.4
5	20.75	0	0	SLE RA 76	4.77	-7.66	487.9	52.5679	4.8915	-5.4
5	20.75	0	0	SLE RA 77	7.61	-5.03	487.9	25.7862	33.686	-5.4
5	20.75	0	0	SLE RA 78	10.44	-2.39	487.9	-0.9954	62.4805	-5.4
5	20.75	0	0	SLE RA 79	2.65	-10.01	487.9	76.3509	-16.655	-5.4
5	20.75	0	0	SLE RA 80	5.48	-7.37	487.9	49.5692	12.1395	-5.4
5	20.75	0	0	SLE RA 81	8.32	-4.73	487.9	22.7876	40.9341	-5.4
5	20.75	0	0	SLE RA 82	4.59	9.74	487.9	-124.1073	3.0584	-5.4
5	20.75	0	0	SLE RA 83	7.43	12.38	487.9	-150.889	31.8529	-5.4
5	20.75	0	0	SLE RA 84	10.26	15.02	487.9	-177.6707	60.6474	-5.4
5	20.75	0	0	SLE RA 85	6.37	-5.89	487.9	34.603	21.167	-5.4
5	20.75	0	0	SLE RA 86	9.21	-3.25	487.9	7.8214	49.9615	-5.4
5	20.75	0	0	SLE RA 87	12.05	-0.61	487.9	-18.9603	78.756	-5.4
5	20.75	0	0	SLE RA 88	4.95	-24.67	487.9	225.2166	6.6814	-5.4
5	20.75	0	0	SLE RA 89	7.78	-22.03	487.9	198.435	35.4759	-5.4
5	20.75	0	0	SLE RA 90	10.62	-19.4	487.9	171.6533	64.2704	-5.4
5	20.75	0	0	SLE FR 1	5.24	-7.22	459.4	48.1043	9.6906	-5.4
5	20.75	0	0	SLE FR 2	7.61	-5.03	459.4	25.7862	33.686	-5.4
5	20.75	0	0	SLE FR 3	9.97	-2.83	459.4	3.4682	57.6815	-5.4
5	20.75	0	0	SLE FR 4	6.9	-5.81	459.4	33.7139	26.5039	-5.4
5	20.75	0	0	SLE FR 5	7.55	0.78	459.4	-33.1055	33.075	-5.4
5	20.75	0	0	SLE FR 6	8.14	-4.43	459.4	19.7979	39.1112	-5.4
5	20.75	0	0	SLE FR 7	7.66	-10.69	459.4	83.3358	34.2826	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
5	20.75	0	0	SLE FR 8	7.61	-5.03	465.1	25.7862	33.686	-5.4
5	20.75	0	0	SLE QP 1	7.61	-5.03	459.4	25.7862	33.686	-5.4
5	20.75	0	0	SLO 1	173.08	159.84	459.4	-1563.3237	1609.5218	-67.6002
5	20.75	0	0	SLO 2	189.9	147.33	459.4	-1436.6074	1780.2313	56.8002
5	20.75	0	0	SLO 3	164.48	17.31	459.4	-181.4827	1526.2433	-67.6003
5	20.75	0	0	SLO 4	181.3	4.79	459.4	-54.7663	1696.9529	56.8002
5	20.75	0	0	SLO 5	66.11	263.71	459.4	-2578.1134	590.4755	-54.861
5	20.75	0	0	SLO 6	79.49	253.77	459.4	-2477.3497	726.2222	44.061
5	20.75	0	0	SLO 7	37.47	-211.41	459.4	2028.0234	312.8807	-54.8611
5	20.75	0	0	SLO 8	50.85	-221.36	459.4	2128.7871	448.6273	44.061
5	20.75	0	0	SLO 9	-35.64	211.31	459.4	-2077.2146	-381.2553	-54.861
5	20.75	0	0	SLO 10	-22.26	201.36	459.4	-1976.451	-245.5086	44.0611
5	20.75	0	0	SLO 11	-64.28	-263.82	459.4	2528.9222	-658.8501	-54.861
5	20.75	0	0	SLO 12	-50.9	-273.76	459.4	2629.6858	-523.1035	44.061
5	20.75	0	0	SLO 13	-166.09	-14.84	459.4	106.3388	-1629.5808	-67.6002
5	20.75	0	0	SLO 14	-149.27	-27.36	459.4	233.0551	-1458.8713	56.8003
5	20.75	0	0	SLO 15	-174.68	-157.38	459.4	1488.1798	-1712.8593	-67.6002
5	20.75	0	0	SLO 16	-157.86	-169.89	459.4	1614.8962	-1542.1497	56.8002
5	20.75	0	0	SLD 1	157.93	139.8	459.4	-1369.3843	1464.4869	-59.8775
5	20.75	0	0	SLD 2	172.66	128.85	459.4	-1258.4009	1614.0014	49.0775
5	20.75	0	0	SLD 3	150.34	15.72	459.4	-166.4539	1391.0398	-59.8775
5	20.75	0	0	SLD 4	165.07	4.76	459.4	-55.4705	1540.5543	49.0775
5	20.75	0	0	SLD 5	60.44	229.41	459.4	-2245.5539	536.136	-49.5697
5	20.75	0	0	SLD 6	72.38	220.53	459.4	-2155.5698	657.3606	38.7697
5	20.75	0	0	SLD 7	35.16	-184.19	459.4	1764.2141	291.3122	-49.5698
5	20.75	0	0	SLD 8	47.11	-193.08	459.4	1854.1982	412.5369	38.7697
5	20.75	0	0	SLD 9	-31.9	183.03	459.4	-1802.6257	-345.1648	-49.5697
5	20.75	0	0	SLD 10	-19.95	174.14	459.4	-1712.6417	-223.9402	38.7698
5	20.75	0	0	SLD 11	-57.17	-230.58	459.4	2207.1423	-589.9885	-49.5697
5	20.75	0	0	SLD 12	-45.23	-239.46	459.4	2297.1263	-468.7639	38.7697
5	20.75	0	0	SLD 13	-149.86	-14.81	459.4	107.043	-1473.1823	-59.8775
5	20.75	0	0	SLD 14	-135.13	-25.77	459.4	218.0264	-1323.6678	49.0775
5	20.75	0	0	SLD 15	-157.45	-138.9	459.4	1309.9734	-1546.6294	-59.8775
5	20.75	0	0	SLD 16	-142.71	-149.85	459.4	1420.9568	-1397.1149	49.0775
5	20.75	0	0	SLV FO 1	177.02	162.46	459.4	-1588.307	1646.8866	-68.5856
5	20.75	0	0	SLV FO 2	194.11	149.75	459.4	-1459.5832	1820.3006	57.7856
5	20.75	0	0	SLV FO 3	168.29	17.95	459.4	-187.399	1562.226	-68.5856
5	20.75	0	0	SLV FO 4	185.37	5.24	459.4	-58.6752	1735.6399	57.7856
5	20.75	0	0	SLV FO 5	67.4	267.56	459.4	-2615.369	602.6463	-55.9838
5	20.75	0	0	SLV FO 6	81.08	257.39	459.4	-2512.3181	741.4743	45.1838
5	20.75	0	0	SLV FO 7	38.28	-214.11	459.4	2054.3241	320.4441	-55.9838
5	20.75	0	0	SLV FO 8	51.96	-224.29	459.4	2157.3751	459.2721	45.1838
5	20.75	0	0	SLV FO 9	-36.75	214.24	459.4	-2105.8026	-391.9	-55.9838
5	20.75	0	0	SLV FO 10	-23.07	204.06	459.4	-2002.7517	-253.072	45.1838
5	20.75	0	0	SLV FO 11	-65.87	-267.44	459.4	2563.8905	-674.1023	-55.9838
5	20.75	0	0	SLV FO 12	-52.19	-277.61	459.4	2666.9415	-535.2742	45.1838
5	20.75	0	0	SLV FO 13	-170.16	-15.29	459.4	110.2477	-1668.2679	-68.5856
5	20.75	0	0	SLV FO 14	-153.07	-28	459.4	238.9715	-1494.8539	57.7856
5	20.75	0	0	SLV FO 15	-178.9	-159.8	459.4	1511.1556	-1752.9285	-68.5856
5	20.75	0	0	SLV FO 16	-161.81	-172.51	459.4	1639.8794	-1579.5146	57.7856
6	27.31	0	0	SLU 1	3.13	-6.46	598.22	65.5826	31.8043	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
6	27.31	0	0	SLU 2	2.76	0.11	598.22	-1.1493	27.9629	0
6	27.31	0	0	SLU 3	2.38	6.69	598.22	-67.8813	24.1214	0
6	27.31	0	0	SLU 4	-0.04	-6.27	598.22	63.6894	-0.4021	0
6	27.31	0	0	SLU 5	-0.8	6.87	598.22	-69.7744	-8.0851	0
6	27.31	0	0	SLU 6	-2.31	-3.52	598.22	35.7346	-23.4097	0
6	27.31	0	0	SLU 7	-2.53	0.42	598.22	-4.3046	-25.7146	0
6	27.31	0	0	SLU 8	-2.76	4.37	598.22	-44.3438	-28.0194	0
6	27.31	0	0	SLU 9	2.86	19.38	598.22	-196.698	29.0618	0
6	27.31	0	0	SLU 10	2.11	32.53	598.22	-330.1619	21.3789	0
6	27.31	0	0	SLU 11	2.53	39.24	598.22	-398.2446	25.6968	0
6	27.31	0	0	SLU 12	2.3	43.18	598.22	-438.2837	23.392	0
6	27.31	0	0	SLU 13	2.08	47.13	598.22	-478.3229	21.0871	0
6	27.31	0	0	SLU 14	5.53	-6.6	598.22	67.0126	56.132	0
6	27.31	0	0	SLU 15	4.77	6.55	598.22	-66.4513	48.449	0
6	27.31	0	0	SLU 16	6.98	-4.07	598.22	41.2732	70.8138	0
6	27.31	0	0	SLU 17	6.75	-0.12	598.22	1.234	68.5089	0
6	27.31	0	0	SLU 18	6.52	3.82	598.22	-38.8051	66.204	0
6	27.31	0	0	SLU 19	3.4	-31.72	598.22	321.9568	34.4826	0
6	27.31	0	0	SLU 20	2.64	-18.57	598.22	188.4929	26.7997	0
6	27.31	0	0	SLU 21	3.42	-45.93	598.22	466.1802	34.7316	0
6	27.31	0	0	SLU 22	3.19	-41.99	598.22	426.141	32.4267	0
6	27.31	0	0	SLU 23	2.97	-38.04	598.22	386.1019	30.1218	0
6	27.31	0	0	SLU 24	2.98	-3.83	644.15	38.8898	30.2678	0
6	27.31	0	0	SLU 25	2.76	0.11	644.15	-1.1493	27.9629	0
6	27.31	0	0	SLU 26	2.53	4.06	644.15	-41.1885	25.658	0
6	27.31	0	0	SLU 27	-0.19	-3.64	644.15	36.9967	-1.9387	0
6	27.31	0	0	SLU 28	-0.42	0.3	644.15	-3.0425	-4.2436	0
6	27.31	0	0	SLU 29	-0.64	4.24	644.15	-43.0817	-6.5485	0
6	27.31	0	0	SLU 30	2.71	22.01	644.15	-223.3908	27.5252	0
6	27.31	0	0	SLU 31	2.48	25.95	644.15	-263.43	25.2203	0
6	27.31	0	0	SLU 32	2.26	29.9	644.15	-303.4691	22.9155	0
6	27.31	0	0	SLU 33	5.38	-3.97	644.15	40.3198	54.5954	0
6	27.31	0	0	SLU 34	5.15	-0.03	644.15	0.2807	52.2905	0
6	27.31	0	0	SLU 35	4.92	3.92	644.15	-39.7585	49.9856	0
6	27.31	0	0	SLU 36	3.25	-29.09	644.15	295.264	32.946	0
6	27.31	0	0	SLU 37	3.02	-25.15	644.15	255.2249	30.6412	0
6	27.31	0	0	SLU 38	2.79	-21.2	644.15	215.1857	28.3363	0
6	27.31	0	0	SLU 39	3.13	-6.46	637.72	65.5826	31.8043	0
6	27.31	0	0	SLU 40	2.38	6.69	637.72	-67.8813	24.1214	0
6	27.31	0	0	SLU 41	-0.04	-6.27	637.72	63.6894	-0.4021	0
6	27.31	0	0	SLU 42	-0.8	6.87	637.72	-69.7744	-8.0851	0
6	27.31	0	0	SLU 43	-2.31	-3.52	637.72	35.7346	-23.4097	0
6	27.31	0	0	SLU 44	-2.53	0.42	637.72	-4.3046	-25.7146	0
6	27.31	0	0	SLU 45	-2.76	4.37	637.72	-44.3438	-28.0194	0
6	27.31	0	0	SLU 46	2.86	19.38	637.72	-196.698	29.0618	0
6	27.31	0	0	SLU 47	2.11	32.53	637.72	-330.1619	21.3789	0
6	27.31	0	0	SLU 48	2.53	39.24	637.72	-398.2446	25.6968	0
6	27.31	0	0	SLU 49	2.3	43.18	637.72	-438.2837	23.392	0
6	27.31	0	0	SLU 50	2.08	47.13	637.72	-478.3229	21.0871	0
6	27.31	0	0	SLU 51	5.53	-6.6	637.72	67.0126	56.132	0
6	27.31	0	0	SLU 52	4.77	6.55	637.72	-66.4513	48.449	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
6	27.31	0	0	SLU 53	6.98	-4.07	637.72	41.2732	70.8138	0
6	27.31	0	0	SLU 54	6.75	-0.12	637.72	1.234	68.5089	0
6	27.31	0	0	SLU 55	6.52	3.82	637.72	-38.8051	66.204	0
6	27.31	0	0	SLU 56	3.4	-31.72	637.72	321.9568	34.4826	0
6	27.31	0	0	SLU 57	2.64	-18.57	637.72	188.4929	26.7997	0
6	27.31	0	0	SLU 58	3.42	-45.93	637.72	466.1802	34.7316	0
6	27.31	0	0	SLU 59	3.19	-41.99	637.72	426.141	32.4267	0
6	27.31	0	0	SLU 60	2.97	-38.04	637.72	386.1019	30.1218	0
6	27.31	0	0	SLU 61	2.98	-3.83	683.65	38.8898	30.2678	0
6	27.31	0	0	SLU 62	2.76	0.11	683.65	-1.1493	27.9629	0
6	27.31	0	0	SLU 63	2.53	4.06	683.65	-41.1885	25.658	0
6	27.31	0	0	SLU 64	-0.19	-3.64	683.65	36.9967	-1.9387	0
6	27.31	0	0	SLU 65	-0.42	0.3	683.65	-3.0425	-4.2436	0
6	27.31	0	0	SLU 66	-0.64	4.24	683.65	-43.0817	-6.5485	0
6	27.31	0	0	SLU 67	2.71	22.01	683.65	-223.3908	27.5252	0
6	27.31	0	0	SLU 68	2.48	25.95	683.65	-263.43	25.2203	0
6	27.31	0	0	SLU 69	2.26	29.9	683.65	-303.4691	22.9155	0
6	27.31	0	0	SLU 70	5.38	-3.97	683.65	40.3198	54.5954	0
6	27.31	0	0	SLU 71	5.15	-0.03	683.65	0.2807	52.2905	0
6	27.31	0	0	SLU 72	4.92	3.92	683.65	-39.7585	49.9856	0
6	27.31	0	0	SLU 73	3.25	-29.09	683.65	295.264	32.946	0
6	27.31	0	0	SLU 74	3.02	-25.15	683.65	255.2249	30.6412	0
6	27.31	0	0	SLU 75	2.79	-21.2	683.65	215.1857	28.3363	0
6	27.31	0	0	SLU 76	2.98	-3.83	677.22	38.8898	30.2678	0
6	27.31	0	0	SLU 77	2.76	0.11	677.22	-1.1493	27.9629	0
6	27.31	0	0	SLU 78	2.53	4.06	677.22	-41.1885	25.658	0
6	27.31	0	0	SLU 79	-0.19	-3.64	677.22	36.9967	-1.9387	0
6	27.31	0	0	SLU 80	-0.42	0.3	677.22	-3.0425	-4.2436	0
6	27.31	0	0	SLU 81	-0.64	4.24	677.22	-43.0817	-6.5485	0
6	27.31	0	0	SLU 82	2.71	22.01	677.22	-223.3908	27.5252	0
6	27.31	0	0	SLU 83	2.48	25.95	677.22	-263.43	25.2203	0
6	27.31	0	0	SLU 84	2.26	29.9	677.22	-303.4691	22.9155	0
6	27.31	0	0	SLU 85	5.38	-3.97	677.22	40.3198	54.5954	0
6	27.31	0	0	SLU 86	5.15	-0.03	677.22	0.2807	52.2905	0
6	27.31	0	0	SLU 87	4.92	3.92	677.22	-39.7585	49.9856	0
6	27.31	0	0	SLU 88	3.25	-29.09	677.22	295.264	32.946	0
6	27.31	0	0	SLU 89	3.02	-25.15	677.22	255.2249	30.6412	0
6	27.31	0	0	SLU 90	2.79	-21.2	677.22	215.1857	28.3363	0
6	27.31	0	0	SLE RA 1	2.09	-4.31	456.4	43.7217	21.2029	0
6	27.31	0	0	SLE RA 2	1.84	0.08	456.4	-0.7662	18.642	0
6	27.31	0	0	SLE RA 3	1.58	4.46	456.4	-45.2542	16.081	0
6	27.31	0	0	SLE RA 4	-0.03	-4.18	456.4	42.4596	-0.268	0
6	27.31	0	0	SLE RA 5	-0.53	4.58	456.4	-46.5163	-5.39	0
6	27.31	0	0	SLE RA 6	-1.54	-2.35	456.4	23.823	-15.6064	0
6	27.31	0	0	SLE RA 7	-1.69	0.28	456.4	-2.8697	-17.143	0
6	27.31	0	0	SLE RA 8	-1.84	2.91	456.4	-29.5625	-18.6796	0
6	27.31	0	0	SLE RA 9	1.91	12.92	456.4	-131.132	19.3746	0
6	27.31	0	0	SLE RA 10	1.4	21.69	456.4	-220.1079	14.2526	0
6	27.31	0	0	SLE RA 11	1.69	26.16	456.4	-265.4964	17.1313	0
6	27.31	0	0	SLE RA 12	1.54	28.79	456.4	-292.1891	15.5947	0
6	27.31	0	0	SLE RA 13	1.39	31.42	456.4	-318.8819	14.0581	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
6	27.31	0	0	SLE RA 14	3.69	-4.4	456.4	44.6751	37.4214	0
6	27.31	0	0	SLE RA 15	3.18	4.36	456.4	-44.3008	32.2994	0
6	27.31	0	0	SLE RA 16	4.65	-2.71	456.4	27.5155	47.2092	0
6	27.31	0	0	SLE RA 17	4.5	-0.08	456.4	0.8227	45.6727	0
6	27.31	0	0	SLE RA 18	4.35	2.55	456.4	-25.8701	44.1361	0
6	27.31	0	0	SLE RA 19	2.26	-21.15	456.4	214.6379	22.9885	0
6	27.31	0	0	SLE RA 20	1.76	-12.38	456.4	125.662	17.8665	0
6	27.31	0	0	SLE RA 21	2.28	-30.62	456.4	310.7868	23.1544	0
6	27.31	0	0	SLE RA 22	2.13	-27.99	456.4	284.094	21.6178	0
6	27.31	0	0	SLE RA 23	1.98	-25.36	456.4	257.4013	20.0812	0
6	27.31	0	0	SLE RA 24	1.99	-2.55	487.02	25.9266	20.1785	0
6	27.31	0	0	SLE RA 25	1.84	0.08	487.02	-0.7662	18.642	0
6	27.31	0	0	SLE RA 26	1.69	2.71	487.02	-27.459	17.1054	0
6	27.31	0	0	SLE RA 27	-0.13	-2.43	487.02	24.6644	-1.2924	0
6	27.31	0	0	SLE RA 28	-0.28	0.2	487.02	-2.0283	-2.829	0
6	27.31	0	0	SLE RA 29	-0.43	2.83	487.02	-28.7211	-4.3656	0
6	27.31	0	0	SLE RA 30	1.81	14.67	487.02	-148.9272	18.3502	0
6	27.31	0	0	SLE RA 31	1.66	17.3	487.02	-175.62	16.8136	0
6	27.31	0	0	SLE RA 32	1.51	19.93	487.02	-202.3128	15.277	0
6	27.31	0	0	SLE RA 33	3.59	-2.65	487.02	26.8799	36.397	0
6	27.31	0	0	SLE RA 34	3.43	-0.02	487.02	0.1871	34.8604	0
6	27.31	0	0	SLE RA 35	3.28	2.61	487.02	-26.5056	33.3238	0
6	27.31	0	0	SLE RA 36	2.16	-19.39	487.02	196.8427	21.9641	0
6	27.31	0	0	SLE RA 37	2.01	-16.76	487.02	170.1499	20.4275	0
6	27.31	0	0	SLE RA 38	1.86	-14.13	487.02	143.4572	18.8909	0
6	27.31	0	0	SLE RA 39	2.09	-4.31	482.73	43.7217	21.2029	0
6	27.31	0	0	SLE RA 40	1.58	4.46	482.73	-45.2542	16.081	0
6	27.31	0	0	SLE RA 41	-0.03	-4.18	482.73	42.4596	-0.268	0
6	27.31	0	0	SLE RA 42	-0.53	4.58	482.73	-46.5163	-5.39	0
6	27.31	0	0	SLE RA 43	-1.54	-2.35	482.73	23.823	-15.6064	0
6	27.31	0	0	SLE RA 44	-1.69	0.28	482.73	-2.8697	-17.143	0
6	27.31	0	0	SLE RA 45	-1.84	2.91	482.73	-29.5625	-18.6796	0
6	27.31	0	0	SLE RA 46	1.91	12.92	482.73	-131.132	19.3746	0
6	27.31	0	0	SLE RA 47	1.4	21.69	482.73	-220.1079	14.2526	0
6	27.31	0	0	SLE RA 48	1.69	26.16	482.73	-265.4964	17.1313	0
6	27.31	0	0	SLE RA 49	1.54	28.79	482.73	-292.1891	15.5947	0
6	27.31	0	0	SLE RA 50	1.39	31.42	482.73	-318.8819	14.0581	0
6	27.31	0	0	SLE RA 51	3.69	-4.4	482.73	44.6751	37.4214	0
6	27.31	0	0	SLE RA 52	3.18	4.36	482.73	-44.3008	32.2994	0
6	27.31	0	0	SLE RA 53	4.65	-2.71	482.73	27.5155	47.2092	0
6	27.31	0	0	SLE RA 54	4.5	-0.08	482.73	0.8227	45.6727	0
6	27.31	0	0	SLE RA 55	4.35	2.55	482.73	-25.8701	44.1361	0
6	27.31	0	0	SLE RA 56	2.26	-21.15	482.73	214.6379	22.9885	0
6	27.31	0	0	SLE RA 57	1.76	-12.38	482.73	125.662	17.8665	0
6	27.31	0	0	SLE RA 58	2.28	-30.62	482.73	310.7868	23.1544	0
6	27.31	0	0	SLE RA 59	2.13	-27.99	482.73	284.094	21.6178	0
6	27.31	0	0	SLE RA 60	1.98	-25.36	482.73	257.4013	20.0812	0
6	27.31	0	0	SLE RA 61	1.99	-2.55	513.35	25.9266	20.1785	0
6	27.31	0	0	SLE RA 62	1.84	0.08	513.35	-0.7662	18.642	0
6	27.31	0	0	SLE RA 63	1.69	2.71	513.35	-27.459	17.1054	0
6	27.31	0	0	SLE RA 64	-0.13	-2.43	513.35	24.6644	-1.2924	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
6	27.31	0	0	SLE RA 65	-0.28	0.2	513.35	-2.0283	-2.829	0
6	27.31	0	0	SLE RA 66	-0.43	2.83	513.35	-28.7211	-4.3656	0
6	27.31	0	0	SLE RA 67	1.81	14.67	513.35	-148.9272	18.3502	0
6	27.31	0	0	SLE RA 68	1.66	17.3	513.35	-175.62	16.8136	0
6	27.31	0	0	SLE RA 69	1.51	19.93	513.35	-202.3128	15.277	0
6	27.31	0	0	SLE RA 70	3.59	-2.65	513.35	26.8799	36.397	0
6	27.31	0	0	SLE RA 71	3.43	-0.02	513.35	0.1871	34.8604	0
6	27.31	0	0	SLE RA 72	3.28	2.61	513.35	-26.5056	33.3238	0
6	27.31	0	0	SLE RA 73	2.16	-19.39	513.35	196.8427	21.9641	0
6	27.31	0	0	SLE RA 74	2.01	-16.76	513.35	170.1499	20.4275	0
6	27.31	0	0	SLE RA 75	1.86	-14.13	513.35	143.4572	18.8909	0
6	27.31	0	0	SLE RA 76	1.99	-2.55	509.06	25.9266	20.1785	0
6	27.31	0	0	SLE RA 77	1.84	0.08	509.06	-0.7662	18.642	0
6	27.31	0	0	SLE RA 78	1.69	2.71	509.06	-27.459	17.1054	0
6	27.31	0	0	SLE RA 79	-0.13	-2.43	509.06	24.6644	-1.2924	0
6	27.31	0	0	SLE RA 80	-0.28	0.2	509.06	-2.0283	-2.829	0
6	27.31	0	0	SLE RA 81	-0.43	2.83	509.06	-28.7211	-4.3656	0
6	27.31	0	0	SLE RA 82	1.81	14.67	509.06	-148.9272	18.3502	0
6	27.31	0	0	SLE RA 83	1.66	17.3	509.06	-175.62	16.8136	0
6	27.31	0	0	SLE RA 84	1.51	19.93	509.06	-202.3128	15.277	0
6	27.31	0	0	SLE RA 85	3.59	-2.65	509.06	26.8799	36.397	0
6	27.31	0	0	SLE RA 86	3.43	-0.02	509.06	0.1871	34.8604	0
6	27.31	0	0	SLE RA 87	3.28	2.61	509.06	-26.5056	33.3238	0
6	27.31	0	0	SLE RA 88	2.16	-19.39	509.06	196.8427	21.9641	0
6	27.31	0	0	SLE RA 89	2.01	-16.76	509.06	170.1499	20.4275	0
6	27.31	0	0	SLE RA 90	1.86	-14.13	509.06	143.4572	18.8909	0
6	27.31	0	0	SLE FR 1	1.96	-2.12	456.4	21.4778	19.9224	0
6	27.31	0	0	SLE FR 2	1.84	0.08	456.4	-0.7662	18.642	0
6	27.31	0	0	SLE FR 3	1.71	2.27	456.4	-23.0102	17.3615	0
6	27.31	0	0	SLE FR 4	1.13	0.12	456.4	-1.1869	11.485	0
6	27.31	0	0	SLE FR 5	1.78	5.82	456.4	-59.0508	18.0325	0
6	27.31	0	0	SLE FR 6	2.37	0.04	456.4	-0.4484	24.0481	0
6	27.31	0	0	SLE FR 7	1.9	-5.54	456.4	56.2058	19.2371	0
6	27.31	0	0	SLE FR 8	1.84	0.08	466.93	-0.7662	18.642	0
6	27.31	0	0	SLE QP 1	1.84	0.08	456.4	-0.7662	18.642	0
6	27.31	0	0	SLO 1	151.98	49.46	456.4	-501.9297	1542.6006	-133.796
6	27.31	0	0	SLO 2	168.74	50.09	456.4	-508.4027	1712.7137	133.796
6	27.31	0	0	SLO 3	143.98	-85.73	456.4	870.1194	1461.3686	-133.796
6	27.31	0	0	SLO 4	160.74	-85.1	456.4	863.6463	1631.4817	133.796
6	27.31	0	0	SLO 5	54.87	219.77	456.4	-2230.4536	556.9122	-106.3933
6	27.31	0	0	SLO 6	68.2	220.27	456.4	-2235.6009	692.1845	106.3933
6	27.31	0	0	SLO 7	28.19	-230.86	456.4	2343.0432	286.1389	-106.3933
6	27.31	0	0	SLO 8	41.52	-230.35	456.4	2337.8959	421.4113	106.3933
6	27.31	0	0	SLO 9	-37.85	230.5	456.4	-2339.4283	-384.1274	-106.3933
6	27.31	0	0	SLO 10	-24.52	231.01	456.4	-2344.5756	-248.855	106.3933
6	27.31	0	0	SLO 11	-64.52	-220.12	456.4	2234.0685	-654.9006	-106.3933
6	27.31	0	0	SLO 12	-51.19	-219.62	456.4	2228.9212	-519.6282	106.3933
6	27.31	0	0	SLO 13	-157.06	85.25	456.4	-865.1788	-1594.1978	-133.796
6	27.31	0	0	SLO 14	-140.3	85.88	456.4	-871.6518	-1424.0847	133.796
6	27.31	0	0	SLO 15	-165.07	-49.94	456.4	506.8703	-1675.4298	-133.796
6	27.31	0	0	SLO 16	-148.31	-49.3	456.4	500.3972	-1505.3167	133.796

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
6	27.31	0	0	SLD 1	138.13	43.06	456.4	-436.9726	1401.9778	-117.184
6	27.31	0	0	SLD 2	152.81	43.61	456.4	-442.642	1550.9699	117.184
6	27.31	0	0	SLD 3	131.07	-74.62	456.4	757.3501	1330.358	-117.184
6	27.31	0	0	SLD 4	145.75	-74.06	456.4	751.6807	1479.3501	117.184
6	27.31	0	0	SLD 5	49.68	191.3	456.4	-1941.5696	504.2143	-95.0114
6	27.31	0	0	SLD 6	61.58	191.76	456.4	-1946.1663	625.0153	95.0114
6	27.31	0	0	SLD 7	26.16	-200.95	456.4	2039.506	265.4818	-95.0114
6	27.31	0	0	SLD 8	38.06	-200.5	456.4	2034.9093	386.2828	95.0114
6	27.31	0	0	SLD 9	-34.38	200.65	456.4	-2036.4418	-348.9989	-95.0114
6	27.31	0	0	SLD 10	-22.48	201.1	456.4	-2041.0384	-228.1979	95.0114
6	27.31	0	0	SLD 11	-57.9	-191.6	456.4	1944.6338	-587.7314	-95.0114
6	27.31	0	0	SLD 12	-46	-191.15	456.4	1940.0372	-466.9304	95.0114
6	27.31	0	0	SLD 13	-142.08	74.21	456.4	-753.2132	-1442.0662	-117.184
6	27.31	0	0	SLD 14	-127.4	74.77	456.4	-758.8825	-1293.0741	117.184
6	27.31	0	0	SLD 15	-149.13	-43.46	456.4	441.1095	-1513.686	-117.184
6	27.31	0	0	SLD 16	-134.45	-42.9	456.4	435.4402	-1364.6939	117.184
6	27.31	0	0	SLV FO 1	155.53	50.14	456.4	-508.8382	1578.6355	-135.9155
6	27.31	0	0	SLV FO 2	172.56	50.78	456.4	-515.4138	1751.4436	135.9155
6	27.31	0	0	SLV FO 3	147.4	-86.92	456.4	882.1436	1496.0614	-135.9155
6	27.31	0	0	SLV FO 4	164.42	-86.27	456.4	875.568	1668.8694	135.9155
6	27.31	0	0	SLV FO 5	56.02	222.8	456.4	-2261.1978	568.6272	-108.8083
6	27.31	0	0	SLV FO 6	69.65	223.31	456.4	-2266.462	706.9702	108.8083
6	27.31	0	0	SLV FO 7	28.9	-234.05	456.4	2375.4082	293.38	-108.8083
6	27.31	0	0	SLV FO 8	42.53	-233.53	456.4	2370.1441	431.723	108.8083
6	27.31	0	0	SLV FO 9	-38.86	233.68	456.4	-2371.6765	-394.4391	-108.8083
6	27.31	0	0	SLV FO 10	-25.23	234.2	456.4	-2376.9407	-256.0961	108.8083
6	27.31	0	0	SLV FO 11	-65.98	-223.16	456.4	2264.9295	-669.6863	-108.8083
6	27.31	0	0	SLV FO 12	-52.35	-222.64	456.4	2259.6654	-531.3433	108.8083
6	27.31	0	0	SLV FO 13	-160.75	86.42	456.4	-877.1005	-1631.5855	-135.9155
6	27.31	0	0	SLV FO 14	-143.72	87.07	456.4	-883.6761	-1458.7775	135.9155
6	27.31	0	0	SLV FO 15	-168.88	-50.63	456.4	513.8813	-1714.1597	-135.9155
6	27.31	0	0	SLV FO 16	-151.86	-49.98	456.4	507.3058	-1541.3516	135.9155
7	32.87	0	0	SLU 1	0.89	0.83	596.07	29.4202	73.8396	-8.1
7	32.87	0	0	SLU 2	-5.83	7.42	596.07	-37.529	5.6969	-8.1
7	32.87	0	0	SLU 3	-12.54	14.02	596.07	-104.4782	-62.4459	-8.1
7	32.87	0	0	SLU 4	-2.3	4.16	596.07	-4.3623	41.5207	-8.1
7	32.87	0	0	SLU 5	-15.73	17.36	596.07	-138.2606	-94.7649	-8.1
7	32.87	0	0	SLU 6	-7.11	9.03	596.07	-53.6636	-7.2824	-8.1
7	32.87	0	0	SLU 7	-11.13	12.98	596.07	-93.8331	-48.1681	-8.1
7	32.87	0	0	SLU 8	-15.16	16.94	596.07	-134.0026	-89.0537	-8.1
7	32.87	0	0	SLU 9	0.61	26.53	596.07	-231.471	71.0852	-8.1
7	32.87	0	0	SLU 10	-12.81	39.72	596.07	-365.3693	-65.2003	-8.1
7	32.87	0	0	SLU 11	-2.25	46.3	596.07	-432.1781	41.9918	-8.1
7	32.87	0	0	SLU 12	-6.28	50.26	596.07	-472.3476	1.1062	-8.1
7	32.87	0	0	SLU 13	-10.31	54.22	596.07	-512.5171	-39.7795	-8.1
7	32.87	0	0	SLU 14	3.29	-1.69	596.07	54.9382	98.2522	-8.1
7	32.87	0	0	SLU 15	-10.14	11.5	596.07	-78.9601	-38.0333	-8.1
7	32.87	0	0	SLU 16	2.21	-0.73	596.07	45.1706	87.2702	-8.1
7	32.87	0	0	SLU 17	-1.82	3.22	596.07	5.0011	46.3846	-8.1
7	32.87	0	0	SLU 18	-5.85	7.18	596.07	-35.1684	5.4989	-8.1
7	32.87	0	0	SLU 19	1.15	-24.29	596.07	284.3495	76.5299	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
7	32.87	0	0	SLU 20	-12.28	-11.1	596.07	150.4512	-59.7556	-8.1
7	32.87	0	0	SLU 21	-1.36	-38.39	596.07	427.5228	51.0663	-8.1
7	32.87	0	0	SLU 22	-5.39	-34.43	596.07	387.3533	10.1807	-8.1
7	32.87	0	0	SLU 23	-9.41	-30.48	596.07	347.1838	-30.705	-8.1
7	32.87	0	0	SLU 24	-1.8	3.47	617.14	2.6405	46.5825	-8.1
7	32.87	0	0	SLU 25	-5.83	7.42	617.14	-37.529	5.6969	-8.1
7	32.87	0	0	SLU 26	-9.86	11.38	617.14	-77.6985	-35.1888	-8.1
7	32.87	0	0	SLU 27	-4.98	6.8	617.14	-31.1419	14.2636	-8.1
7	32.87	0	0	SLU 28	-9.01	10.76	617.14	-71.3114	-26.6221	-8.1
7	32.87	0	0	SLU 29	-13.04	14.72	617.14	-111.4809	-67.5078	-8.1
7	32.87	0	0	SLU 30	-2.07	29.17	617.14	-258.2507	43.8281	-8.1
7	32.87	0	0	SLU 31	-6.1	33.13	617.14	-298.4202	2.9425	-8.1
7	32.87	0	0	SLU 32	-10.13	37.08	617.14	-338.5897	-37.9432	-8.1
7	32.87	0	0	SLU 33	0.61	0.95	617.14	28.1586	70.9951	-8.1
7	32.87	0	0	SLU 34	-3.42	4.9	617.14	-12.0109	30.1095	-8.1
7	32.87	0	0	SLU 35	-7.45	8.86	617.14	-52.1804	-10.7762	-8.1
7	32.87	0	0	SLU 36	-1.53	-21.65	617.14	257.5699	49.2728	-8.1
7	32.87	0	0	SLU 37	-5.56	-17.69	617.14	217.4004	8.3871	-8.1
7	32.87	0	0	SLU 38	-9.59	-13.73	617.14	177.2309	-32.4985	-8.1
7	32.87	0	0	SLU 39	0.89	0.83	614.19	29.4202	73.8396	-8.1
7	32.87	0	0	SLU 40	-12.54	14.02	614.19	-104.4782	-62.4459	-8.1
7	32.87	0	0	SLU 41	-2.3	4.16	614.19	-4.3623	41.5207	-8.1
7	32.87	0	0	SLU 42	-15.73	17.36	614.19	-138.2606	-94.7649	-8.1
7	32.87	0	0	SLU 43	-7.11	9.03	614.19	-53.6636	-7.2824	-8.1
7	32.87	0	0	SLU 44	-11.13	12.98	614.19	-93.8331	-48.1681	-8.1
7	32.87	0	0	SLU 45	-15.16	16.94	614.19	-134.0026	-89.0537	-8.1
7	32.87	0	0	SLU 46	0.61	26.53	614.19	-231.471	71.0852	-8.1
7	32.87	0	0	SLU 47	-12.81	39.72	614.19	-365.3693	-65.2003	-8.1
7	32.87	0	0	SLU 48	-2.25	46.3	614.19	-432.1781	41.9918	-8.1
7	32.87	0	0	SLU 49	-6.28	50.26	614.19	-472.3476	1.1062	-8.1
7	32.87	0	0	SLU 50	-10.31	54.22	614.19	-512.5171	-39.7795	-8.1
7	32.87	0	0	SLU 51	3.29	-1.69	614.19	54.9382	98.2522	-8.1
7	32.87	0	0	SLU 52	-10.14	11.5	614.19	-78.9601	-38.0333	-8.1
7	32.87	0	0	SLU 53	2.21	-0.73	614.19	45.1706	87.2702	-8.1
7	32.87	0	0	SLU 54	-1.82	3.22	614.19	5.0011	46.3846	-8.1
7	32.87	0	0	SLU 55	-5.85	7.18	614.19	-35.1684	5.4989	-8.1
7	32.87	0	0	SLU 56	1.15	-24.29	614.19	284.3495	76.5299	-8.1
7	32.87	0	0	SLU 57	-12.28	-11.1	614.19	150.4512	-59.7556	-8.1
7	32.87	0	0	SLU 58	-1.36	-38.39	614.19	427.5228	51.0663	-8.1
7	32.87	0	0	SLU 59	-5.39	-34.43	614.19	387.3533	10.1807	-8.1
7	32.87	0	0	SLU 60	-9.41	-30.48	614.19	347.1838	-30.705	-8.1
7	32.87	0	0	SLU 61	-1.8	3.47	635.26	2.6405	46.5825	-8.1
7	32.87	0	0	SLU 62	-5.83	7.42	635.26	-37.529	5.6969	-8.1
7	32.87	0	0	SLU 63	-9.86	11.38	635.26	-77.6985	-35.1888	-8.1
7	32.87	0	0	SLU 64	-4.98	6.8	635.26	-31.1419	14.2636	-8.1
7	32.87	0	0	SLU 65	-9.01	10.76	635.26	-71.3114	-26.6221	-8.1
7	32.87	0	0	SLU 66	-13.04	14.72	635.26	-111.4809	-67.5078	-8.1
7	32.87	0	0	SLU 67	-2.07	29.17	635.26	-258.2507	43.8281	-8.1
7	32.87	0	0	SLU 68	-6.1	33.13	635.26	-298.4202	2.9425	-8.1
7	32.87	0	0	SLU 69	-10.13	37.08	635.26	-338.5897	-37.9432	-8.1
7	32.87	0	0	SLU 70	0.61	0.95	635.26	28.1586	70.9951	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
7	32.87	0	0	SLU 71	-3.42	4.9	635.26	-12.0109	30.1095	-8.1
7	32.87	0	0	SLU 72	-7.45	8.86	635.26	-52.1804	-10.7762	-8.1
7	32.87	0	0	SLU 73	-1.53	-21.65	635.26	257.5699	49.2728	-8.1
7	32.87	0	0	SLU 74	-5.56	-17.69	635.26	217.4004	8.3871	-8.1
7	32.87	0	0	SLU 75	-9.59	-13.73	635.26	177.2309	-32.4985	-8.1
7	32.87	0	0	SLU 76	-1.8	3.47	632.31	2.6405	46.5825	-8.1
7	32.87	0	0	SLU 77	-5.83	7.42	632.31	-37.529	5.6969	-8.1
7	32.87	0	0	SLU 78	-9.86	11.38	632.31	-77.6985	-35.1888	-8.1
7	32.87	0	0	SLU 79	-4.98	6.8	632.31	-31.1419	14.2636	-8.1
7	32.87	0	0	SLU 80	-9.01	10.76	632.31	-71.3114	-26.6221	-8.1
7	32.87	0	0	SLU 81	-13.04	14.72	632.31	-111.4809	-67.5078	-8.1
7	32.87	0	0	SLU 82	-2.07	29.17	632.31	-258.2507	43.8281	-8.1
7	32.87	0	0	SLU 83	-6.1	33.13	632.31	-298.4202	2.9425	-8.1
7	32.87	0	0	SLU 84	-10.13	37.08	632.31	-338.5897	-37.9432	-8.1
7	32.87	0	0	SLU 85	0.61	0.95	632.31	28.1586	70.9951	-8.1
7	32.87	0	0	SLU 86	-3.42	4.9	632.31	-12.0109	30.1095	-8.1
7	32.87	0	0	SLU 87	-7.45	8.86	632.31	-52.1804	-10.7762	-8.1
7	32.87	0	0	SLU 88	-1.53	-21.65	632.31	257.5699	49.2728	-8.1
7	32.87	0	0	SLU 89	-5.56	-17.69	632.31	217.4004	8.3871	-8.1
7	32.87	0	0	SLU 90	-9.59	-13.73	632.31	177.2309	-32.4985	-8.1
7	32.87	0	0	SLE RA 1	0.55	0.55	441.86	19.6134	49.1209	-5.4
7	32.87	0	0	SLE RA 2	-3.92	4.95	441.86	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE RA 3	-8.4	9.35	441.86	-69.6521	-41.7361	-5.4
7	32.87	0	0	SLE RA 4	-1.57	2.78	441.86	-2.9082	27.5749	-5.4
7	32.87	0	0	SLE RA 5	-10.52	11.57	441.86	-92.1737	-63.2821	-5.4
7	32.87	0	0	SLE RA 6	-4.78	6.02	441.86	-35.7757	-4.9605	-5.4
7	32.87	0	0	SLE RA 7	-7.46	8.66	441.86	-62.5554	-32.2176	-5.4
7	32.87	0	0	SLE RA 8	-10.15	11.29	441.86	-89.335	-59.4747	-5.4
7	32.87	0	0	SLE RA 9	0.37	17.69	441.86	-154.314	47.2846	-5.4
7	32.87	0	0	SLE RA 10	-8.58	26.48	441.86	-243.5796	-43.5724	-5.4
7	32.87	0	0	SLE RA 11	-1.54	30.87	441.86	-288.1187	27.889	-5.4
7	32.87	0	0	SLE RA 12	-4.22	33.51	441.86	-314.8984	0.6319	-5.4
7	32.87	0	0	SLE RA 13	-6.91	36.15	441.86	-341.6781	-26.6252	-5.4
7	32.87	0	0	SLE RA 14	2.16	-1.13	441.86	36.6255	65.3959	-5.4
7	32.87	0	0	SLE RA 15	-6.8	7.67	441.86	-52.6401	-25.4611	-5.4
7	32.87	0	0	SLE RA 16	1.43	-0.49	441.86	30.1137	58.0746	-5.4
7	32.87	0	0	SLE RA 17	-1.25	2.15	441.86	3.3341	30.8175	-5.4
7	32.87	0	0	SLE RA 18	-3.94	4.79	441.86	-23.4456	3.5604	-5.4
7	32.87	0	0	SLE RA 19	0.73	-16.19	441.86	189.5664	50.9144	-5.4
7	32.87	0	0	SLE RA 20	-8.22	-7.4	441.86	100.3008	-39.9426	-5.4
7	32.87	0	0	SLE RA 21	-0.94	-25.59	441.86	285.0152	33.9387	-5.4
7	32.87	0	0	SLE RA 22	-3.63	-22.96	441.86	258.2355	6.6816	-5.4
7	32.87	0	0	SLE RA 23	-6.31	-20.32	441.86	231.4558	-20.5755	-5.4
7	32.87	0	0	SLE RA 24	-1.24	2.31	455.91	1.7603	30.9495	-5.4
7	32.87	0	0	SLE RA 25	-3.92	4.95	455.91	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE RA 26	-6.61	7.59	455.91	-51.799	-23.5647	-5.4
7	32.87	0	0	SLE RA 27	-3.36	4.53	455.91	-20.7613	9.4035	-5.4
7	32.87	0	0	SLE RA 28	-6.05	7.17	455.91	-47.541	-17.8536	-5.4
7	32.87	0	0	SLE RA 29	-8.73	9.81	455.91	-74.3206	-45.1107	-5.4
7	32.87	0	0	SLE RA 30	-1.42	19.45	455.91	-172.1671	29.1132	-5.4
7	32.87	0	0	SLE RA 31	-4.1	22.08	455.91	-198.9468	1.8561	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
7	32.87	0	0	SLE RA 32	-6.79	24.72	455.91	-225.7264	-25.401	-5.4
7	32.87	0	0	SLE RA 33	0.37	0.63	455.91	18.7724	47.2245	-5.4
7	32.87	0	0	SLE RA 34	-2.32	3.27	455.91	-8.0073	19.9674	-5.4
7	32.87	0	0	SLE RA 35	-5.01	5.91	455.91	-34.787	-7.2897	-5.4
7	32.87	0	0	SLE RA 36	-1.06	-14.43	455.91	171.7132	32.743	-5.4
7	32.87	0	0	SLE RA 37	-3.75	-11.79	455.91	144.9336	5.4859	-5.4
7	32.87	0	0	SLE RA 38	-6.43	-9.16	455.91	118.1539	-21.7712	-5.4
7	32.87	0	0	SLE RA 39	0.55	0.55	453.94	19.6134	49.1209	-5.4
7	32.87	0	0	SLE RA 40	-8.4	9.35	453.94	-69.6521	-41.7361	-5.4
7	32.87	0	0	SLE RA 41	-1.57	2.78	453.94	-2.9082	27.5749	-5.4
7	32.87	0	0	SLE RA 42	-10.52	11.57	453.94	-92.1737	-63.2821	-5.4
7	32.87	0	0	SLE RA 43	-4.78	6.02	453.94	-35.7757	-4.9605	-5.4
7	32.87	0	0	SLE RA 44	-7.46	8.66	453.94	-62.5554	-32.2176	-5.4
7	32.87	0	0	SLE RA 45	-10.15	11.29	453.94	-89.335	-59.4747	-5.4
7	32.87	0	0	SLE RA 46	0.37	17.69	453.94	-154.314	47.2846	-5.4
7	32.87	0	0	SLE RA 47	-8.58	26.48	453.94	-243.5796	-43.5724	-5.4
7	32.87	0	0	SLE RA 48	-1.54	30.87	453.94	-288.1187	27.889	-5.4
7	32.87	0	0	SLE RA 49	-4.22	33.51	453.94	-314.8984	0.6319	-5.4
7	32.87	0	0	SLE RA 50	-6.91	36.15	453.94	-341.6781	-26.6252	-5.4
7	32.87	0	0	SLE RA 51	2.16	-1.13	453.94	36.6255	65.3959	-5.4
7	32.87	0	0	SLE RA 52	-6.8	7.67	453.94	-52.6401	-25.4611	-5.4
7	32.87	0	0	SLE RA 53	1.43	-0.49	453.94	30.1137	58.0746	-5.4
7	32.87	0	0	SLE RA 54	-1.25	2.15	453.94	3.3341	30.8175	-5.4
7	32.87	0	0	SLE RA 55	-3.94	4.79	453.94	-23.4456	3.5604	-5.4
7	32.87	0	0	SLE RA 56	0.73	-16.19	453.94	189.5664	50.9144	-5.4
7	32.87	0	0	SLE RA 57	-8.22	-7.4	453.94	100.3008	-39.9426	-5.4
7	32.87	0	0	SLE RA 58	-0.94	-25.59	453.94	285.0152	33.9387	-5.4
7	32.87	0	0	SLE RA 59	-3.63	-22.96	453.94	258.2355	6.6816	-5.4
7	32.87	0	0	SLE RA 60	-6.31	-20.32	453.94	231.4558	-20.5755	-5.4
7	32.87	0	0	SLE RA 61	-1.24	2.31	467.99	1.7603	30.9495	-5.4
7	32.87	0	0	SLE RA 62	-3.92	4.95	467.99	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE RA 63	-6.61	7.59	467.99	-51.799	-23.5647	-5.4
7	32.87	0	0	SLE RA 64	-3.36	4.53	467.99	-20.7613	9.4035	-5.4
7	32.87	0	0	SLE RA 65	-6.05	7.17	467.99	-47.541	-17.8536	-5.4
7	32.87	0	0	SLE RA 66	-8.73	9.81	467.99	-74.3206	-45.1107	-5.4
7	32.87	0	0	SLE RA 67	-1.42	19.45	467.99	-172.1671	29.1132	-5.4
7	32.87	0	0	SLE RA 68	-4.1	22.08	467.99	-198.9468	1.8561	-5.4
7	32.87	0	0	SLE RA 69	-6.79	24.72	467.99	-225.7264	-25.401	-5.4
7	32.87	0	0	SLE RA 70	0.37	0.63	467.99	18.7724	47.2245	-5.4
7	32.87	0	0	SLE RA 71	-2.32	3.27	467.99	-8.0073	19.9674	-5.4
7	32.87	0	0	SLE RA 72	-5.01	5.91	467.99	-34.787	-7.2897	-5.4
7	32.87	0	0	SLE RA 73	-1.06	-14.43	467.99	171.7132	32.743	-5.4
7	32.87	0	0	SLE RA 74	-3.75	-11.79	467.99	144.9336	5.4859	-5.4
7	32.87	0	0	SLE RA 75	-6.43	-9.16	467.99	118.1539	-21.7712	-5.4
7	32.87	0	0	SLE RA 76	-1.24	2.31	466.02	1.7603	30.9495	-5.4
7	32.87	0	0	SLE RA 77	-3.92	4.95	466.02	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE RA 78	-6.61	7.59	466.02	-51.799	-23.5647	-5.4
7	32.87	0	0	SLE RA 79	-3.36	4.53	466.02	-20.7613	9.4035	-5.4
7	32.87	0	0	SLE RA 80	-6.05	7.17	466.02	-47.541	-17.8536	-5.4
7	32.87	0	0	SLE RA 81	-8.73	9.81	466.02	-74.3206	-45.1107	-5.4
7	32.87	0	0	SLE RA 82	-1.42	19.45	466.02	-172.1671	29.1132	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
7	32.87	0	0	SLE RA 83	-4.1	22.08	466.02	-198.9468	1.8561	-5.4
7	32.87	0	0	SLE RA 84	-6.79	24.72	466.02	-225.7264	-25.401	-5.4
7	32.87	0	0	SLE RA 85	0.37	0.63	466.02	18.7724	47.2245	-5.4
7	32.87	0	0	SLE RA 86	-2.32	3.27	466.02	-8.0073	19.9674	-5.4
7	32.87	0	0	SLE RA 87	-5.01	5.91	466.02	-34.787	-7.2897	-5.4
7	32.87	0	0	SLE RA 88	-1.06	-14.43	466.02	171.7132	32.743	-5.4
7	32.87	0	0	SLE RA 89	-3.75	-11.79	466.02	144.9336	5.4859	-5.4
7	32.87	0	0	SLE RA 90	-6.43	-9.16	466.02	118.1539	-21.7712	-5.4
7	32.87	0	0	SLE FR 1	-1.69	2.75	441.86	-2.7029	26.4066	-5.4
7	32.87	0	0	SLE FR 2	-3.92	4.95	441.86	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE FR 3	-6.16	7.15	441.86	-47.3357	-19.0219	-5.4
7	32.87	0	0	SLE FR 4	-4.63	5.69	441.86	-32.5265	-3.4896	-5.4
7	32.87	0	0	SLE FR 5	-3.98	10.66	441.86	-82.9951	3.0803	-5.4
7	32.87	0	0	SLE FR 6	-3.39	4.39	441.86	-19.3487	9.1174	-5.4
7	32.87	0	0	SLE FR 7	-3.86	-0.63	441.86	31.6316	4.2902	-5.4
7	32.87	0	0	SLE FR 8	-3.92	4.95	446.69	-25.0193	3.6924	-5.4
7	32.87	0	0	SLE QP 1	-3.92	4.95	441.86	-25.0193	3.6924	-5.4
7	32.87	0	0	SLO 1	161.55	0.27	441.86	14.5534	1579.5	-62.5825
7	32.87	0	0	SLO 2	178.38	12.15	441.86	-105.6956	1750.2517	51.7817
7	32.87	0	0	SLO 3	152.96	-146.91	441.86	1441.9857	1496.2289	-62.5825
7	32.87	0	0	SLO 4	169.79	-135.04	441.86	1321.7366	1666.9806	51.7817
7	32.87	0	0	SLO 5	54.58	223.83	441.86	-2148.3134	560.4519	-50.8708
7	32.87	0	0	SLO 6	67.96	233.28	441.86	-2243.9343	696.232	40.0705
7	32.87	0	0	SLO 7	25.95	-266.78	441.86	2609.7942	282.8815	-50.8708
7	32.87	0	0	SLO 8	39.33	-257.34	441.86	2514.1733	418.6616	40.0705
7	32.87	0	0	SLO 9	-47.17	267.23	441.86	-2564.212	-411.2769	-50.8705
7	32.87	0	0	SLO 10	-33.79	276.68	441.86	-2659.8329	-275.4967	40.0708
7	32.87	0	0	SLO 11	-75.81	-223.38	441.86	2193.8956	-688.8473	-50.8705
7	32.87	0	0	SLO 12	-62.43	-213.94	441.86	2098.2747	-553.0671	40.0708
7	32.87	0	0	SLO 13	-177.63	144.94	441.86	-1371.7753	-1659.5958	-62.5817
7	32.87	0	0	SLO 14	-160.81	156.81	441.86	-1492.0243	-1488.8441	51.7825
7	32.87	0	0	SLO 15	-186.22	-2.25	441.86	55.657	-1742.8669	-62.5817
7	32.87	0	0	SLO 16	-169.4	9.63	441.86	-64.5921	-1572.1152	51.7825
7	32.87	0	0	SLD 1	146.4	-0.16	441.86	18.7769	1434.4682	-55.4828
7	32.87	0	0	SLD 2	161.14	10.24	441.86	-86.5422	1584.0196	44.6821
7	32.87	0	0	SLD 3	138.82	-128.27	441.86	1261.2503	1361.0271	-55.4828
7	32.87	0	0	SLD 4	153.56	-117.87	441.86	1155.9312	1510.5785	44.6821
7	32.87	0	0	SLD 5	48.91	195.06	441.86	-1869.4006	506.1163	-46.0064
7	32.87	0	0	SLD 6	60.86	203.5	441.86	-1954.792	627.3708	35.2061
7	32.87	0	0	SLD 7	23.64	-231.98	441.86	2272.1774	261.3126	-46.0064
7	32.87	0	0	SLD 8	35.59	-223.55	441.86	2186.786	382.5671	35.2061
7	32.87	0	0	SLD 9	-43.43	233.44	441.86	-2236.8246	-375.1823	-46.0061
7	32.87	0	0	SLD 10	-31.48	241.88	441.86	-2322.2161	-253.9278	35.2064
7	32.87	0	0	SLD 11	-68.7	-193.6	441.86	1904.7534	-619.986	-46.0061
7	32.87	0	0	SLD 12	-56.76	-185.17	441.86	1819.3619	-498.7315	35.2064
7	32.87	0	0	SLD 13	-161.4	127.77	441.86	-1205.9699	-1503.1938	-55.4821
7	32.87	0	0	SLD 14	-146.67	138.17	441.86	-1311.289	-1353.6424	44.6828
7	32.87	0	0	SLD 15	-168.98	-0.34	441.86	36.5035	-1576.6349	-55.4821
7	32.87	0	0	SLD 16	-154.25	10.06	441.86	-68.8156	-1427.0835	44.6828
7	32.87	0	0	SLV FO 1	165.5	-0.08	441.86	17.6413	1616.8643	-63.4884
7	32.87	0	0	SLV FO 2	182.59	11.99	441.86	-104.5127	1790.321	52.6876

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
7	32.87	0	0	SLV FO 3	156.76	-149.29	441.86	1464.7748	1532.2109	-63.4884
7	32.87	0	0	SLV FO 4	173.85	-137.23	441.86	1342.6208	1705.6677	52.6876
7	32.87	0	0	SLV FO 5	55.87	226.73	441.86	-2176.4675	572.6222	-51.9029
7	32.87	0	0	SLV FO 6	69.56	236.39	441.86	-2274.259	711.4845	41.1027
7	32.87	0	0	SLV FO 7	26.76	-270.65	441.86	2647.3105	290.4444	-51.9029
7	32.87	0	0	SLV FO 8	40.44	-260.99	441.86	2549.5191	429.3067	41.1027
7	32.87	0	0	SLV FO 9	-48.29	270.89	441.86	-2599.5578	-421.9219	-51.9027
7	32.87	0	0	SLV FO 10	-34.6	280.55	441.86	-2697.3492	-283.0597	41.1029
7	32.87	0	0	SLV FO 11	-77.4	-226.49	441.86	2224.2203	-704.0998	-51.9027
7	32.87	0	0	SLV FO 12	-63.72	-216.83	441.86	2126.4289	-565.2375	41.1029
7	32.87	0	0	SLV FO 13	-181.7	147.13	441.86	-1392.6594	-1698.2829	-63.4876
7	32.87	0	0	SLV FO 14	-164.61	159.19	441.86	-1514.8134	-1524.8262	52.6884
7	32.87	0	0	SLV FO 15	-190.44	-2.09	441.86	54.474	-1782.9363	-63.4876
7	32.87	0	0	SLV FO 16	-173.34	9.97	441.86	-67.68	-1609.4795	52.6884
8	34.42	0	0	SLU 1	-16.99	-13.9	442.96	117.4949	-143.5496	0
8	34.42	0	0	SLU 2	0	0	442.96	0	0	0
8	34.42	0	0	SLU 3	16.99	13.9	442.96	-117.4949	143.5496	0
8	34.42	0	0	SLU 4	-27.82	-13.93	442.96	117.7461	-235.0675	0
8	34.42	0	0	SLU 5	6.16	13.87	442.96	-117.2437	52.0317	0
8	34.42	0	0	SLU 6	-28.24	-8.39	442.96	70.9156	-238.6596	0
8	34.42	0	0	SLU 7	-18.05	-0.05	442.96	0.4187	-152.5298	0
8	34.42	0	0	SLU 8	-7.86	8.29	442.96	-70.0783	-66.4001	0
8	34.42	0	0	SLU 9	-16.91	11.72	442.96	-99.069	-142.8901	0
8	34.42	0	0	SLU 10	17.07	39.53	442.96	-334.0589	144.2091	0
8	34.42	0	0	SLU 11	-10.06	34.37	442.96	-290.443	-85.0306	0
8	34.42	0	0	SLU 12	0.13	42.71	442.96	-360.9399	1.0992	0
8	34.42	0	0	SLU 13	10.32	51.06	442.96	-431.4369	87.2289	0
8	34.42	0	0	SLU 14	-2.65	-13.87	442.96	117.1623	-22.3689	0
8	34.42	0	0	SLU 15	31.33	13.94	442.96	-117.8276	264.7303	0
8	34.42	0	0	SLU 16	13.71	-8.28	442.96	69.9426	115.8381	0
8	34.42	0	0	SLU 17	23.9	0.07	442.96	-0.5544	201.9679	0
8	34.42	0	0	SLU 18	34.09	8.41	442.96	-71.0513	288.0976	0
8	34.42	0	0	SLU 19	-17.07	-39.56	442.96	334.2741	-144.2099	0
8	34.42	0	0	SLU 20	16.91	-11.75	442.96	99.2843	142.8893	0
8	34.42	0	0	SLU 21	-10.32	-51.1	442.96	431.7956	-87.2303	0
8	34.42	0	0	SLU 22	-0.13	-42.76	442.96	361.2987	-1.1005	0
8	34.42	0	0	SLU 23	10.06	-34.41	442.96	290.8017	85.0292	0
8	34.42	0	0	SLU 24	-10.19	-8.34	473.61	70.497	-86.1297	0
8	34.42	0	0	SLU 25	0	0	473.61	0	0	0
8	34.42	0	0	SLU 26	10.19	8.34	473.61	-70.497	86.1297	0
8	34.42	0	0	SLU 27	-21.02	-8.37	473.61	70.7482	-177.6476	0
8	34.42	0	0	SLU 28	-10.83	-0.03	473.61	0.2512	-91.5179	0
8	34.42	0	0	SLU 29	-0.64	8.31	473.61	-70.2458	-5.3881	0
8	34.42	0	0	SLU 30	-10.11	17.29	473.61	-146.067	-85.4702	0
8	34.42	0	0	SLU 31	0.08	25.63	473.61	-216.564	0.6595	0
8	34.42	0	0	SLU 32	10.27	33.97	473.61	-287.0609	86.7893	0
8	34.42	0	0	SLU 33	4.15	-8.3	473.61	70.1643	35.051	0
8	34.42	0	0	SLU 34	14.34	0.04	473.61	-0.3326	121.1807	0
8	34.42	0	0	SLU 35	24.53	8.38	473.61	-70.8296	207.3105	0
8	34.42	0	0	SLU 36	-10.27	-34	473.61	287.2762	-86.7901	0
8	34.42	0	0	SLU 37	-0.08	-25.65	473.61	216.7792	-0.6603	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
8	34.42	0	0	SLU 38	10.11	-17.31	473.61	146.2822	85.4694	0
8	34.42	0	0	SLU 39	-16.99	-13.9	469.32	117.4949	-143.5496	0
8	34.42	0	0	SLU 40	16.99	13.9	469.32	-117.4949	143.5496	0
8	34.42	0	0	SLU 41	-27.82	-13.93	469.32	117.7461	-235.0675	0
8	34.42	0	0	SLU 42	6.16	13.87	469.32	-117.2437	52.0317	0
8	34.42	0	0	SLU 43	-28.24	-8.39	469.32	70.9156	-238.6596	0
8	34.42	0	0	SLU 44	-18.05	-0.05	469.32	0.4187	-152.5298	0
8	34.42	0	0	SLU 45	-7.86	8.29	469.32	-70.0783	-66.4001	0
8	34.42	0	0	SLU 46	-16.91	11.72	469.32	-99.069	-142.8901	0
8	34.42	0	0	SLU 47	17.07	39.53	469.32	-334.0589	144.2091	0
8	34.42	0	0	SLU 48	-10.06	34.37	469.32	-290.443	-85.0306	0
8	34.42	0	0	SLU 49	0.13	42.71	469.32	-360.9399	1.0992	0
8	34.42	0	0	SLU 50	10.32	51.06	469.32	-431.4369	87.2289	0
8	34.42	0	0	SLU 51	-2.65	-13.87	469.32	117.1623	-22.3689	0
8	34.42	0	0	SLU 52	31.33	13.94	469.32	-117.8276	264.7303	0
8	34.42	0	0	SLU 53	13.71	-8.28	469.32	69.9426	115.8381	0
8	34.42	0	0	SLU 54	23.9	0.07	469.32	-0.5544	201.9679	0
8	34.42	0	0	SLU 55	34.09	8.41	469.32	-71.0513	288.0976	0
8	34.42	0	0	SLU 56	-17.07	-39.56	469.32	334.2741	-144.2099	0
8	34.42	0	0	SLU 57	16.91	-11.75	469.32	99.2843	142.8893	0
8	34.42	0	0	SLU 58	-10.32	-51.1	469.32	431.7956	-87.2303	0
8	34.42	0	0	SLU 59	-0.13	-42.76	469.32	361.2987	-1.1005	0
8	34.42	0	0	SLU 60	10.06	-34.41	469.32	290.8017	85.0292	0
8	34.42	0	0	SLU 61	-10.19	-8.34	499.98	70.497	-86.1297	0
8	34.42	0	0	SLU 62	0	0	499.98	0	0	0
8	34.42	0	0	SLU 63	10.19	8.34	499.98	-70.497	86.1297	0
8	34.42	0	0	SLU 64	-21.02	-8.37	499.98	70.7482	-177.6476	0
8	34.42	0	0	SLU 65	-10.83	-0.03	499.98	0.2512	-91.5179	0
8	34.42	0	0	SLU 66	-0.64	8.31	499.98	-70.2458	-5.3881	0
8	34.42	0	0	SLU 67	-10.11	17.29	499.98	-146.067	-85.4702	0
8	34.42	0	0	SLU 68	0.08	25.63	499.98	-216.564	0.6595	0
8	34.42	0	0	SLU 69	10.27	33.97	499.98	-287.0609	86.7893	0
8	34.42	0	0	SLU 70	4.15	-8.3	499.98	70.1643	35.051	0
8	34.42	0	0	SLU 71	14.34	0.04	499.98	-0.3326	121.1807	0
8	34.42	0	0	SLU 72	24.53	8.38	499.98	-70.8296	207.3105	0
8	34.42	0	0	SLU 73	-10.27	-34	499.98	287.2762	-86.7901	0
8	34.42	0	0	SLU 74	-0.08	-25.65	499.98	216.7792	-0.6603	0
8	34.42	0	0	SLU 75	10.11	-17.31	499.98	146.2822	85.4694	0
8	34.42	0	0	SLU 76	-10.19	-8.34	495.68	70.497	-86.1297	0
8	34.42	0	0	SLU 77	0	0	495.68	0	0	0
8	34.42	0	0	SLU 78	10.19	8.34	495.68	-70.497	86.1297	0
8	34.42	0	0	SLU 79	-21.02	-8.37	495.68	70.7482	-177.6476	0
8	34.42	0	0	SLU 80	-10.83	-0.03	495.68	0.2512	-91.5179	0
8	34.42	0	0	SLU 81	-0.64	8.31	495.68	-70.2458	-5.3881	0
8	34.42	0	0	SLU 82	-10.11	17.29	495.68	-146.067	-85.4702	0
8	34.42	0	0	SLU 83	0.08	25.63	495.68	-216.564	0.6595	0
8	34.42	0	0	SLU 84	10.27	33.97	495.68	-287.0609	86.7893	0
8	34.42	0	0	SLU 85	4.15	-8.3	495.68	70.1643	35.051	0
8	34.42	0	0	SLU 86	14.34	0.04	495.68	-0.3326	121.1807	0
8	34.42	0	0	SLU 87	24.53	8.38	495.68	-70.8296	207.3105	0
8	34.42	0	0	SLU 88	-10.27	-34	495.68	287.2762	-86.7901	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
8	34.42	0	0	SLU 89	-0.08	-25.65	495.68	216.7792	-0.6603	0
8	34.42	0	0	SLU 90	10.11	-17.31	495.68	146.2822	85.4694	0
8	34.42	0	0	SLE RA 1	-11.33	-9.27	338.22	78.33	-95.6997	0
8	34.42	0	0	SLE RA 2	0	0	338.22	0	0	0
8	34.42	0	0	SLE RA 3	11.33	9.27	338.22	-78.33	95.6997	0
8	34.42	0	0	SLE RA 4	-18.55	-9.29	338.22	78.4974	-156.7116	0
8	34.42	0	0	SLE RA 5	4.11	9.25	338.22	-78.1625	34.6878	0
8	34.42	0	0	SLE RA 6	-18.83	-5.59	338.22	47.2771	-159.1064	0
8	34.42	0	0	SLE RA 7	-12.03	-0.03	338.22	0.2791	-101.6865	0
8	34.42	0	0	SLE RA 8	-5.24	5.53	338.22	-46.7189	-44.2667	0
8	34.42	0	0	SLE RA 9	-11.27	7.82	338.22	-66.046	-95.26	0
8	34.42	0	0	SLE RA 10	11.38	26.36	338.22	-222.7059	96.1394	0
8	34.42	0	0	SLE RA 11	-6.71	22.91	338.22	-193.6287	-56.687	0
8	34.42	0	0	SLE RA 12	0.09	28.48	338.22	-240.6266	0.7328	0
8	34.42	0	0	SLE RA 13	6.88	34.04	338.22	-287.6246	58.1526	0
8	34.42	0	0	SLE RA 14	-1.76	-9.24	338.22	78.1082	-14.9126	0
8	34.42	0	0	SLE RA 15	20.89	9.3	338.22	-78.5517	176.4869	0
8	34.42	0	0	SLE RA 16	9.14	-5.52	338.22	46.6284	77.2254	0
8	34.42	0	0	SLE RA 17	15.93	0.04	338.22	-0.3696	134.6453	0
8	34.42	0	0	SLE RA 18	22.73	5.61	338.22	-47.3676	192.0651	0
8	34.42	0	0	SLE RA 19	-11.38	-26.37	338.22	222.8494	-96.1399	0
8	34.42	0	0	SLE RA 20	11.27	-7.83	338.22	66.1895	95.2595	0
8	34.42	0	0	SLE RA 21	-6.88	-34.07	338.22	287.8637	-58.1535	0
8	34.42	0	0	SLE RA 22	-0.09	-28.5	338.22	240.8658	-0.7337	0
8	34.42	0	0	SLE RA 23	6.71	-22.94	338.22	193.8678	56.6861	0
8	34.42	0	0	SLE RA 24	-6.8	-5.56	358.66	46.998	-57.4198	0
8	34.42	0	0	SLE RA 25	0	0	358.66	0	0	0
8	34.42	0	0	SLE RA 26	6.8	5.56	358.66	-46.998	57.4198	0
8	34.42	0	0	SLE RA 27	-14.02	-5.58	358.66	47.1654	-118.4318	0
8	34.42	0	0	SLE RA 28	-7.22	-0.02	358.66	0.1675	-61.0119	0
8	34.42	0	0	SLE RA 29	-0.43	5.54	358.66	-46.8305	-3.5921	0
8	34.42	0	0	SLE RA 30	-6.74	11.52	358.66	-97.378	-56.9802	0
8	34.42	0	0	SLE RA 31	0.05	17.09	358.66	-144.376	0.4397	0
8	34.42	0	0	SLE RA 32	6.85	22.65	358.66	-191.3739	57.8595	0
8	34.42	0	0	SLE RA 33	2.77	-5.54	358.66	46.7762	23.3673	0
8	34.42	0	0	SLE RA 34	9.56	0.03	358.66	-0.2218	80.7872	0
8	34.42	0	0	SLE RA 35	16.36	5.59	358.66	-47.2197	138.207	0
8	34.42	0	0	SLE RA 36	-6.85	-22.66	358.66	191.5174	-57.86	0
8	34.42	0	0	SLE RA 37	-0.05	-17.1	358.66	144.5195	-0.4402	0
8	34.42	0	0	SLE RA 38	6.74	-11.54	358.66	97.5215	56.9796	0
8	34.42	0	0	SLE RA 39	-11.33	-9.27	355.8	78.33	-95.6997	0
8	34.42	0	0	SLE RA 40	11.33	9.27	355.8	-78.33	95.6997	0
8	34.42	0	0	SLE RA 41	-18.55	-9.29	355.8	78.4974	-156.7116	0
8	34.42	0	0	SLE RA 42	4.11	9.25	355.8	-78.1625	34.6878	0
8	34.42	0	0	SLE RA 43	-18.83	-5.59	355.8	47.2771	-159.1064	0
8	34.42	0	0	SLE RA 44	-12.03	-0.03	355.8	0.2791	-101.6865	0
8	34.42	0	0	SLE RA 45	-5.24	5.53	355.8	-46.7189	-44.2667	0
8	34.42	0	0	SLE RA 46	-11.27	7.82	355.8	-66.046	-95.26	0
8	34.42	0	0	SLE RA 47	11.38	26.36	355.8	-222.7059	96.1394	0
8	34.42	0	0	SLE RA 48	-6.71	22.91	355.8	-193.6287	-56.687	0
8	34.42	0	0	SLE RA 49	0.09	28.48	355.8	-240.6266	0.7328	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
8	34.42	0	0	SLE RA 50	6.88	34.04	355.8	-287.6246	58.1526	0
8	34.42	0	0	SLE RA 51	-1.76	-9.24	355.8	78.1082	-14.9126	0
8	34.42	0	0	SLE RA 52	20.89	9.3	355.8	-78.5517	176.4869	0
8	34.42	0	0	SLE RA 53	9.14	-5.52	355.8	46.6284	77.2254	0
8	34.42	0	0	SLE RA 54	15.93	0.04	355.8	-0.3696	134.6453	0
8	34.42	0	0	SLE RA 55	22.73	5.61	355.8	-47.3676	192.0651	0
8	34.42	0	0	SLE RA 56	-11.38	-26.37	355.8	222.8494	-96.1399	0
8	34.42	0	0	SLE RA 57	11.27	-7.83	355.8	66.1895	95.2595	0
8	34.42	0	0	SLE RA 58	-6.88	-34.07	355.8	287.8637	-58.1535	0
8	34.42	0	0	SLE RA 59	-0.09	-28.5	355.8	240.8658	-0.7337	0
8	34.42	0	0	SLE RA 60	6.71	-22.94	355.8	193.8678	56.6861	0
8	34.42	0	0	SLE RA 61	-6.8	-5.56	376.23	46.998	-57.4198	0
8	34.42	0	0	SLE RA 62	0	0	376.23	0	0	0
8	34.42	0	0	SLE RA 63	6.8	5.56	376.23	-46.998	57.4198	0
8	34.42	0	0	SLE RA 64	-14.02	-5.58	376.23	47.1654	-118.4318	0
8	34.42	0	0	SLE RA 65	-7.22	-0.02	376.23	0.1675	-61.0119	0
8	34.42	0	0	SLE RA 66	-0.43	5.54	376.23	-46.8305	-3.5921	0
8	34.42	0	0	SLE RA 67	-6.74	11.52	376.23	-97.378	-56.9802	0
8	34.42	0	0	SLE RA 68	0.05	17.09	376.23	-144.376	0.4397	0
8	34.42	0	0	SLE RA 69	6.85	22.65	376.23	-191.3739	57.8595	0
8	34.42	0	0	SLE RA 70	2.77	-5.54	376.23	46.7762	23.3673	0
8	34.42	0	0	SLE RA 71	9.56	0.03	376.23	-0.2218	80.7872	0
8	34.42	0	0	SLE RA 72	16.36	5.59	376.23	-47.2197	138.207	0
8	34.42	0	0	SLE RA 73	-6.85	-22.66	376.23	191.5174	-57.86	0
8	34.42	0	0	SLE RA 74	-0.05	-17.1	376.23	144.5195	-0.4402	0
8	34.42	0	0	SLE RA 75	6.74	-11.54	376.23	97.5215	56.9796	0
8	34.42	0	0	SLE RA 76	-6.8	-5.56	373.37	46.998	-57.4198	0
8	34.42	0	0	SLE RA 77	0	0	373.37	0	0	0
8	34.42	0	0	SLE RA 78	6.8	5.56	373.37	-46.998	57.4198	0
8	34.42	0	0	SLE RA 79	-14.02	-5.58	373.37	47.1654	-118.4318	0
8	34.42	0	0	SLE RA 80	-7.22	-0.02	373.37	0.1675	-61.0119	0
8	34.42	0	0	SLE RA 81	-0.43	5.54	373.37	-46.8305	-3.5921	0
8	34.42	0	0	SLE RA 82	-6.74	11.52	373.37	-97.378	-56.9802	0
8	34.42	0	0	SLE RA 83	0.05	17.09	373.37	-144.376	0.4397	0
8	34.42	0	0	SLE RA 84	6.85	22.65	373.37	-191.3739	57.8595	0
8	34.42	0	0	SLE RA 85	2.77	-5.54	373.37	46.7762	23.3673	0
8	34.42	0	0	SLE RA 86	9.56	0.03	373.37	-0.2218	80.7872	0
8	34.42	0	0	SLE RA 87	16.36	5.59	373.37	-47.2197	138.207	0
8	34.42	0	0	SLE RA 88	-6.85	-22.66	373.37	191.5174	-57.86	0
8	34.42	0	0	SLE RA 89	-0.05	-17.1	373.37	144.5195	-0.4402	0
8	34.42	0	0	SLE RA 90	6.74	-11.54	373.37	97.5215	56.9796	0
8	34.42	0	0	SLE FR 1	-5.66	-4.63	338.22	39.165	-47.8499	0
8	34.42	0	0	SLE FR 2	0	0	338.22	0	0	0
8	34.42	0	0	SLE FR 3	5.66	4.63	338.22	-39.165	47.8499	0
8	34.42	0	0	SLE FR 4	-2.41	-0.01	338.22	0.0558	-20.3373	0
8	34.42	0	0	SLE FR 5	0.02	5.7	338.22	-48.1253	0.1466	0
8	34.42	0	0	SLE FR 6	3.19	0.01	338.22	-0.0739	26.9291	0
8	34.42	0	0	SLE FR 7	-0.02	-5.7	338.22	48.1732	-0.1467	0
8	34.42	0	0	SLE FR 8	0	0	345.25	0	0	0
8	34.42	0	0	SLE QP 1	0	0	338.22	0	0	0
8	34.42	0	0	SLO 1	280.56	61.6	338.22	-520.4928	2370.7338	-86.1022

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
8	34.42	0	0	SLO 2	293.16	44.13	338.22	-373.0404	2477.2115	86.1022
8	34.42	0	0	SLO 3	239.33	-43.32	338.22	366.2268	2022.3889	-86.1022
8	34.42	0	0	SLO 4	251.94	-60.79	338.22	513.6792	2128.8666	86.1022
8	34.42	0	0	SLO 5	141.25	185.16	338.22	-1564.757	1193.5076	-100.2833
8	34.42	0	0	SLO 6	155.92	164.81	338.22	-1393.0191	1317.5222	100.2833
8	34.42	0	0	SLO 7	3.83	-164.57	338.22	1390.975	32.358	-100.2833
8	34.42	0	0	SLO 8	18.5	-184.91	338.22	1562.7129	156.3726	100.2833
8	34.42	0	0	SLO 9	-18.5	184.91	338.22	-1562.7129	-156.3726	-100.2833
8	34.42	0	0	SLO 10	-3.83	164.57	338.22	-1390.975	-32.358	100.2833
8	34.42	0	0	SLO 11	-155.92	-164.81	338.22	1393.0191	-1317.5222	-100.2833
8	34.42	0	0	SLO 12	-141.25	-185.16	338.22	1564.757	-1193.5076	100.2833
8	34.42	0	0	SLO 13	-251.94	60.79	338.22	-513.6792	-2128.8666	-86.1022
8	34.42	0	0	SLO 14	-239.33	43.32	338.22	-366.2268	-2022.3889	86.1022
8	34.42	0	0	SLO 15	-293.16	-44.13	338.22	373.0404	-2477.2115	-86.1022
8	34.42	0	0	SLO 16	-280.56	-61.6	338.22	520.4928	-2370.7338	86.1022
8	34.42	0	0	SLD 1	244.95	55.73	338.22	-470.9155	2069.7902	-75.7577
8	34.42	0	0	SLD 2	256.03	40.36	338.22	-341.1784	2163.4754	75.7577
8	34.42	0	0	SLD 3	207.49	-39.66	338.22	335.2273	1753.3282	-75.7577
8	34.42	0	0	SLD 4	218.58	-55.02	338.22	464.9644	1847.0134	75.7577
8	34.42	0	0	SLD 5	125.37	168.21	338.22	-1421.5191	1059.3144	-89.99
8	34.42	0	0	SLD 6	138.54	149.95	338.22	-1267.4088	1170.5999	89.99
8	34.42	0	0	SLD 7	0.52	-149.74	338.22	1265.6235	4.4412	-89.99
8	34.42	0	0	SLD 8	13.69	-168	338.22	1419.7338	115.7267	89.99
8	34.42	0	0	SLD 9	-13.69	168	338.22	-1419.7338	-115.7267	-89.99
8	34.42	0	0	SLD 10	-0.52	149.74	338.22	-1265.6235	-4.4412	89.99
8	34.42	0	0	SLD 11	-138.54	-149.95	338.22	1267.4088	-1170.5999	-89.99
8	34.42	0	0	SLD 12	-125.37	-168.21	338.22	1421.5191	-1059.3144	89.99
8	34.42	0	0	SLD 13	-218.58	55.02	338.22	-464.9644	-1847.0134	-75.7577
8	34.42	0	0	SLD 14	-207.49	39.66	338.22	-335.2273	-1753.3282	75.7577
8	34.42	0	0	SLD 15	-256.03	-40.36	338.22	341.1784	-2163.4754	-75.7577
8	34.42	0	0	SLD 16	-244.95	-55.73	338.22	470.9155	-2069.7902	75.7577
8	34.42	0	0	SLV FO 1	284.69	63.16	338.22	-533.7361	2405.5936	-87.6043
8	34.42	0	0	SLV FO 2	297.51	45.39	338.22	-383.7114	2513.9287	87.6043
8	34.42	0	0	SLV FO 3	242.35	-44.57	338.22	376.7953	2047.8909	-87.6043
8	34.42	0	0	SLV FO 4	255.17	-62.34	338.22	526.82	2156.2261	87.6043
8	34.42	0	0	SLV FO 5	144.02	190.1	338.22	-1606.5565	1216.9218	-102.7333
8	34.42	0	0	SLV FO 6	159.05	169.26	338.22	-1430.623	1343.9661	102.7333
8	34.42	0	0	SLV FO 7	2.91	-169.02	338.22	1428.5481	24.5798	-102.7333
8	34.42	0	0	SLV FO 8	17.94	-189.86	338.22	1604.4816	151.6241	102.7333
8	34.42	0	0	SLV FO 9	-17.94	189.86	338.22	-1604.4816	-151.6241	-102.7333
8	34.42	0	0	SLV FO 10	-2.91	169.02	338.22	-1428.5481	-24.5798	102.7333
8	34.42	0	0	SLV FO 11	-159.05	-169.26	338.22	1430.623	-1343.9661	-102.7333
8	34.42	0	0	SLV FO 12	-144.02	-190.1	338.22	1606.5565	-1216.9218	102.7333
8	34.42	0	0	SLV FO 13	-255.17	62.34	338.22	-526.82	-2156.2261	-87.6043
8	34.42	0	0	SLV FO 14	-242.35	44.57	338.22	-376.7953	-2047.8909	87.6043
8	34.42	0	0	SLV FO 15	-297.51	-45.39	338.22	383.7114	-2513.9287	-87.6043
8	34.42	0	0	SLV FO 16	-284.69	-63.16	338.22	533.7361	-2405.5936	87.6043
9	42.51	0	0	SLU 1	-3.92	-12.18	614.51	102.9019	-33.1186	0
9	42.51	0	0	SLU 2	0	0	614.51	0	0	0
9	42.51	0	0	SLU 3	3.92	12.18	614.51	-102.9019	33.1186	0
9	42.51	0	0	SLU 4	-11.19	-12.18	614.51	102.9054	-94.5444	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
9	42.51	0	0	SLU 5	-3.35	12.18	614.51	-102.8983	-28.3071	0
9	42.51	0	0	SLU 6	-14.47	-7.31	614.51	61.7471	-122.2474	0
9	42.51	0	0	SLU 7	-12.12	0	614.51	0.0059	-102.3762	0
9	42.51	0	0	SLU 8	-9.76	7.31	614.51	-61.7352	-82.505	0
9	42.51	0	0	SLU 9	-3.87	10.45	614.51	-88.2814	-32.6794	0
9	42.51	0	0	SLU 10	3.97	34.8	614.51	-294.0851	33.5579	0
9	42.51	0	0	SLU 11	-2.26	30.4	614.51	-256.8976	-19.1391	0
9	42.51	0	0	SLU 12	0.09	37.71	614.51	-318.6387	0.7321	0
9	42.51	0	0	SLU 13	2.44	45.02	614.51	-380.3799	20.6033	0
9	42.51	0	0	SLU 14	5.71	-12.18	614.51	102.8972	48.2164	0
9	42.51	0	0	SLU 15	13.54	12.18	614.51	-102.9066	114.4537	0
9	42.51	0	0	SLU 16	13.69	-7.31	614.51	61.7333	115.6872	0
9	42.51	0	0	SLU 17	16.04	0	614.51	-0.0079	135.5584	0
9	42.51	0	0	SLU 18	18.39	7.31	614.51	-61.749	155.4296	0
9	42.51	0	0	SLU 19	-3.97	-34.84	614.51	294.3854	-33.5582	0
9	42.51	0	0	SLU 20	3.87	-10.48	614.51	88.5817	32.6791	0
9	42.51	0	0	SLU 21	-2.44	-45.08	614.51	380.8803	-20.6037	0
9	42.51	0	0	SLU 22	-0.09	-37.77	614.51	319.1392	-0.7325	0
9	42.51	0	0	SLU 23	2.26	-30.46	614.51	257.3981	19.1387	0
9	42.51	0	0	SLU 24	-2.35	-7.31	676.77	61.7411	-19.8712	0
9	42.51	0	0	SLU 25	0	0	676.77	0	0	0
9	42.51	0	0	SLU 26	2.35	7.31	676.77	-61.7411	19.8712	0
9	42.51	0	0	SLU 27	-9.62	-7.31	676.77	61.7447	-81.2969	0
9	42.51	0	0	SLU 28	-7.27	0	676.77	0.0036	-61.4257	0
9	42.51	0	0	SLU 29	-4.92	7.31	676.77	-61.7376	-41.5545	0
9	42.51	0	0	SLU 30	-2.3	15.32	676.77	-129.4421	-19.4319	0
9	42.51	0	0	SLU 31	0.05	22.63	676.77	-191.1832	0.4393	0
9	42.51	0	0	SLU 32	2.4	29.93	676.77	-252.9244	20.3105	0
9	42.51	0	0	SLU 33	7.27	-7.31	676.77	61.7364	61.4639	0
9	42.51	0	0	SLU 34	9.63	0	676.77	-0.0047	81.3351	0
9	42.51	0	0	SLU 35	11.98	7.31	676.77	-61.7458	101.2062	0
9	42.51	0	0	SLU 36	-2.4	-29.97	676.77	253.2247	-20.3107	0
9	42.51	0	0	SLU 37	-0.05	-22.66	676.77	191.4835	-0.4395	0
9	42.51	0	0	SLU 38	2.3	-15.35	676.77	129.7424	19.4317	0
9	42.51	0	0	SLU 39	-3.92	-12.18	668.05	102.9019	-33.1186	0
9	42.51	0	0	SLU 40	3.92	12.18	668.05	-102.9019	33.1186	0
9	42.51	0	0	SLU 41	-11.19	-12.18	668.05	102.9054	-94.5444	0
9	42.51	0	0	SLU 42	-3.35	12.18	668.05	-102.8983	-28.3071	0
9	42.51	0	0	SLU 43	-14.47	-7.31	668.05	61.7471	-122.2474	0
9	42.51	0	0	SLU 44	-12.12	0	668.05	0.0059	-102.3762	0
9	42.51	0	0	SLU 45	-9.76	7.31	668.05	-61.7352	-82.505	0
9	42.51	0	0	SLU 46	-3.87	10.45	668.05	-88.2814	-32.6794	0
9	42.51	0	0	SLU 47	3.97	34.8	668.05	-294.0851	33.5579	0
9	42.51	0	0	SLU 48	-2.26	30.4	668.05	-256.8976	-19.1391	0
9	42.51	0	0	SLU 49	0.09	37.71	668.05	-318.6387	0.7321	0
9	42.51	0	0	SLU 50	2.44	45.02	668.05	-380.3799	20.6033	0
9	42.51	0	0	SLU 51	5.71	-12.18	668.05	102.8972	48.2164	0
9	42.51	0	0	SLU 52	13.54	12.18	668.05	-102.9066	114.4537	0
9	42.51	0	0	SLU 53	13.69	-7.31	668.05	61.7333	115.6872	0
9	42.51	0	0	SLU 54	16.04	0	668.05	-0.0079	135.5584	0
9	42.51	0	0	SLU 55	18.39	7.31	668.05	-61.749	155.4296	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
9	42.51	0	0	SLU 56	-3.97	-34.84	668.05	294.3854	-33.5582	0
9	42.51	0	0	SLU 57	3.87	-10.48	668.05	88.5817	32.6791	0
9	42.51	0	0	SLU 58	-2.44	-45.08	668.05	380.8803	-20.6037	0
9	42.51	0	0	SLU 59	-0.09	-37.77	668.05	319.1392	-0.7325	0
9	42.51	0	0	SLU 60	2.26	-30.46	668.05	257.3981	19.1387	0
9	42.51	0	0	SLU 61	-2.35	-7.31	730.31	61.7411	-19.8712	0
9	42.51	0	0	SLU 62	0	0	730.31	0	0	0
9	42.51	0	0	SLU 63	2.35	7.31	730.31	-61.7411	19.8712	0
9	42.51	0	0	SLU 64	-9.62	-7.31	730.31	61.7447	-81.2969	0
9	42.51	0	0	SLU 65	-7.27	0	730.31	0.0036	-61.4257	0
9	42.51	0	0	SLU 66	-4.92	7.31	730.31	-61.7376	-41.5545	0
9	42.51	0	0	SLU 67	-2.3	15.32	730.31	-129.4421	-19.4319	0
9	42.51	0	0	SLU 68	0.05	22.63	730.31	-191.1832	0.4393	0
9	42.51	0	0	SLU 69	2.4	29.93	730.31	-252.9244	20.3105	0
9	42.51	0	0	SLU 70	7.27	-7.31	730.31	61.7364	61.4639	0
9	42.51	0	0	SLU 71	9.63	0	730.31	-0.0047	81.3351	0
9	42.51	0	0	SLU 72	11.98	7.31	730.31	-61.7458	101.2062	0
9	42.51	0	0	SLU 73	-2.4	-29.97	730.31	253.2247	-20.3107	0
9	42.51	0	0	SLU 74	-0.05	-22.66	730.31	191.4835	-0.4395	0
9	42.51	0	0	SLU 75	2.3	-15.35	730.31	129.7424	19.4317	0
9	42.51	0	0	SLU 76	-2.35	-7.31	721.6	61.7411	-19.8712	0
9	42.51	0	0	SLU 77	0	0	721.6	0	0	0
9	42.51	0	0	SLU 78	2.35	7.31	721.6	-61.7411	19.8712	0
9	42.51	0	0	SLU 79	-9.62	-7.31	721.6	61.7447	-81.2969	0
9	42.51	0	0	SLU 80	-7.27	0	721.6	0.0036	-61.4257	0
9	42.51	0	0	SLU 81	-4.92	7.31	721.6	-61.7376	-41.5545	0
9	42.51	0	0	SLU 82	-2.3	15.32	721.6	-129.4421	-19.4319	0
9	42.51	0	0	SLU 83	0.05	22.63	721.6	-191.1832	0.4393	0
9	42.51	0	0	SLU 84	2.4	29.93	721.6	-252.9244	20.3105	0
9	42.51	0	0	SLU 85	7.27	-7.31	721.6	61.7364	61.4639	0
9	42.51	0	0	SLU 86	9.63	0	721.6	-0.0047	81.3351	0
9	42.51	0	0	SLU 87	11.98	7.31	721.6	-61.7458	101.2062	0
9	42.51	0	0	SLU 88	-2.4	-29.97	721.6	253.2247	-20.3107	0
9	42.51	0	0	SLU 89	-0.05	-22.66	721.6	191.4835	-0.4395	0
9	42.51	0	0	SLU 90	2.3	-15.35	721.6	129.7424	19.4317	0
9	42.51	0	0	SLE RA 1	-2.61	-8.12	467.59	68.6012	-22.0791	0
9	42.51	0	0	SLE RA 2	0	0	467.59	0	0	0
9	42.51	0	0	SLE RA 3	2.61	8.12	467.59	-68.6013	22.0791	0
9	42.51	0	0	SLE RA 4	-7.46	-8.12	467.59	68.6036	-63.0296	0
9	42.51	0	0	SLE RA 5	-2.23	8.12	467.59	-68.5989	-18.8714	0
9	42.51	0	0	SLE RA 6	-9.64	-4.87	467.59	41.1647	-81.4983	0
9	42.51	0	0	SLE RA 7	-8.08	0	467.59	0.004	-68.2508	0
9	42.51	0	0	SLE RA 8	-6.51	4.87	467.59	-41.1568	-55.0033	0
9	42.51	0	0	SLE RA 9	-2.58	6.97	467.59	-58.8542	-21.7863	0
9	42.51	0	0	SLE RA 10	2.65	23.2	467.59	-196.0567	22.3719	0
9	42.51	0	0	SLE RA 11	-1.51	20.27	467.59	-171.2651	-12.7594	0
9	42.51	0	0	SLE RA 12	0.06	25.14	467.59	-212.4258	0.4881	0
9	42.51	0	0	SLE RA 13	1.63	30.01	467.59	-253.5866	13.7355	0
9	42.51	0	0	SLE RA 14	3.8	-8.12	467.59	68.5981	32.1443	0
9	42.51	0	0	SLE RA 15	9.03	8.12	467.59	-68.6044	76.3025	0
9	42.51	0	0	SLE RA 16	9.13	-4.87	467.59	41.1555	77.1248	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
9	42.51	0	0	SLE RA 17	10.69	0	467.59	-0.0052	90.3723	0
9	42.51	0	0	SLE RA 18	12.26	4.87	467.59	-41.166	103.6197	0
9	42.51	0	0	SLE RA 19	-2.65	-23.23	467.59	196.2569	-22.3721	0
9	42.51	0	0	SLE RA 20	2.58	-6.99	467.59	59.0544	21.7861	0
9	42.51	0	0	SLE RA 21	-1.63	-30.05	467.59	253.9202	-13.7358	0
9	42.51	0	0	SLE RA 22	-0.06	-25.18	467.59	212.7595	-0.4883	0
9	42.51	0	0	SLE RA 23	1.51	-20.31	467.59	171.5987	12.7591	0
9	42.51	0	0	SLE RA 24	-1.57	-4.87	509.1	41.1607	-13.2475	0
9	42.51	0	0	SLE RA 25	0	0	509.1	0	0	0
9	42.51	0	0	SLE RA 26	1.57	4.87	509.1	-41.1608	13.2475	0
9	42.51	0	0	SLE RA 27	-6.41	-4.87	509.1	41.1631	-54.1979	0
9	42.51	0	0	SLE RA 28	-4.85	0	509.1	0.0024	-40.9505	0
9	42.51	0	0	SLE RA 29	-3.28	4.87	509.1	-41.1584	-27.703	0
9	42.51	0	0	SLE RA 30	-1.53	10.21	509.1	-86.2947	-12.9546	0
9	42.51	0	0	SLE RA 31	0.03	15.08	509.1	-127.4555	0.2928	0
9	42.51	0	0	SLE RA 32	1.6	19.95	509.1	-168.6162	13.5403	0
9	42.51	0	0	SLE RA 33	4.85	-4.87	509.1	41.1576	40.9759	0
9	42.51	0	0	SLE RA 34	6.42	0	509.1	-0.0031	54.2234	0
9	42.51	0	0	SLE RA 35	7.98	4.87	509.1	-41.1639	67.4708	0
9	42.51	0	0	SLE RA 36	-1.6	-19.98	509.1	168.8164	-13.5405	0
9	42.51	0	0	SLE RA 37	-0.03	-15.11	509.1	127.6557	-0.293	0
9	42.51	0	0	SLE RA 38	1.53	-10.24	509.1	86.4949	12.9545	0
9	42.51	0	0	SLE RA 39	-2.61	-8.12	503.29	68.6012	-22.0791	0
9	42.51	0	0	SLE RA 40	2.61	8.12	503.29	-68.6013	22.0791	0
9	42.51	0	0	SLE RA 41	-7.46	-8.12	503.29	68.6036	-63.0296	0
9	42.51	0	0	SLE RA 42	-2.23	8.12	503.29	-68.5989	-18.8714	0
9	42.51	0	0	SLE RA 43	-9.64	-4.87	503.29	41.1647	-81.4983	0
9	42.51	0	0	SLE RA 44	-8.08	0	503.29	0.004	-68.2508	0
9	42.51	0	0	SLE RA 45	-6.51	4.87	503.29	-41.1568	-55.0033	0
9	42.51	0	0	SLE RA 46	-2.58	6.97	503.29	-58.8542	-21.7863	0
9	42.51	0	0	SLE RA 47	2.65	23.2	503.29	-196.0567	22.3719	0
9	42.51	0	0	SLE RA 48	-1.51	20.27	503.29	-171.2651	-12.7594	0
9	42.51	0	0	SLE RA 49	0.06	25.14	503.29	-212.4258	0.4881	0
9	42.51	0	0	SLE RA 50	1.63	30.01	503.29	-253.5866	13.7355	0
9	42.51	0	0	SLE RA 51	3.8	-8.12	503.29	68.5981	32.1443	0
9	42.51	0	0	SLE RA 52	9.03	8.12	503.29	-68.6044	76.3025	0
9	42.51	0	0	SLE RA 53	9.13	-4.87	503.29	41.1555	77.1248	0
9	42.51	0	0	SLE RA 54	10.69	0	503.29	-0.0052	90.3723	0
9	42.51	0	0	SLE RA 55	12.26	4.87	503.29	-41.166	103.6197	0
9	42.51	0	0	SLE RA 56	-2.65	-23.23	503.29	196.2569	-22.3721	0
9	42.51	0	0	SLE RA 57	2.58	-6.99	503.29	59.0544	21.7861	0
9	42.51	0	0	SLE RA 58	-1.63	-30.05	503.29	253.9202	-13.7358	0
9	42.51	0	0	SLE RA 59	-0.06	-25.18	503.29	212.7595	-0.4883	0
9	42.51	0	0	SLE RA 60	1.51	-20.31	503.29	171.5987	12.7591	0
9	42.51	0	0	SLE RA 61	-1.57	-4.87	544.79	41.1607	-13.2475	0
9	42.51	0	0	SLE RA 62	0	0	544.79	0	0	0
9	42.51	0	0	SLE RA 63	1.57	4.87	544.79	-41.1608	13.2475	0
9	42.51	0	0	SLE RA 64	-6.41	-4.87	544.79	41.1631	-54.1979	0
9	42.51	0	0	SLE RA 65	-4.85	0	544.79	0.0024	-40.9505	0
9	42.51	0	0	SLE RA 66	-3.28	4.87	544.79	-41.1584	-27.703	0
9	42.51	0	0	SLE RA 67	-1.53	10.21	544.79	-86.2947	-12.9546	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
9	42.51	0	0	SLE RA 68	0.03	15.08	544.79	-127.4555	0.2928	0
9	42.51	0	0	SLE RA 69	1.6	19.95	544.79	-168.6162	13.5403	0
9	42.51	0	0	SLE RA 70	4.85	-4.87	544.79	41.1576	40.9759	0
9	42.51	0	0	SLE RA 71	6.42	0	544.79	-0.0031	54.2234	0
9	42.51	0	0	SLE RA 72	7.98	4.87	544.79	-41.1639	67.4708	0
9	42.51	0	0	SLE RA 73	-1.6	-19.98	544.79	168.8164	-13.5405	0
9	42.51	0	0	SLE RA 74	-0.03	-15.11	544.79	127.6557	-0.293	0
9	42.51	0	0	SLE RA 75	1.53	-10.24	544.79	86.4949	12.9545	0
9	42.51	0	0	SLE RA 76	-1.57	-4.87	538.98	41.1607	-13.2475	0
9	42.51	0	0	SLE RA 77	0	0	538.98	0	0	0
9	42.51	0	0	SLE RA 78	1.57	4.87	538.98	-41.1608	13.2475	0
9	42.51	0	0	SLE RA 79	-6.41	-4.87	538.98	41.1631	-54.1979	0
9	42.51	0	0	SLE RA 80	-4.85	0	538.98	0.0024	-40.9505	0
9	42.51	0	0	SLE RA 81	-3.28	4.87	538.98	-41.1584	-27.703	0
9	42.51	0	0	SLE RA 82	-1.53	10.21	538.98	-86.2947	-12.9546	0
9	42.51	0	0	SLE RA 83	0.03	15.08	538.98	-127.4555	0.2928	0
9	42.51	0	0	SLE RA 84	1.6	19.95	538.98	-168.6162	13.5403	0
9	42.51	0	0	SLE RA 85	4.85	-4.87	538.98	41.1576	40.9759	0
9	42.51	0	0	SLE RA 86	6.42	0	538.98	-0.0031	54.2234	0
9	42.51	0	0	SLE RA 87	7.98	4.87	538.98	-41.1639	67.4708	0
9	42.51	0	0	SLE RA 88	-1.6	-19.98	538.98	168.8164	-13.5405	0
9	42.51	0	0	SLE RA 89	-0.03	-15.11	538.98	127.6557	-0.293	0
9	42.51	0	0	SLE RA 90	1.53	-10.24	538.98	86.4949	12.9545	0
9	42.51	0	0	SLE FR 1	-1.31	-4.06	467.59	34.3006	-11.0395	0
9	42.51	0	0	SLE FR 2	0	0	467.59	0	0	0
9	42.51	0	0	SLE FR 3	1.31	4.06	467.59	-34.3006	11.0395	0
9	42.51	0	0	SLE FR 4	-1.62	0	467.59	0.0008	-13.6502	0
9	42.51	0	0	SLE FR 5	0.01	5.03	467.59	-42.4852	0.0976	0
9	42.51	0	0	SLE FR 6	2.14	0	467.59	-0.001	18.0745	0
9	42.51	0	0	SLE FR 7	-0.01	-5.04	467.59	42.5519	-0.0977	0
9	42.51	0	0	SLE FR 8	0	0	481.87	0	0	0
9	42.51	0	0	SLE QP 1	0	0	467.59	0	0	0
9	42.51	0	0	SLO 1	188.35	55.94	467.59	-472.7296	1591.5505	-139.3198
9	42.51	0	0	SLO 2	196.81	50.71	467.59	-428.4674	1663.0209	139.3198
9	42.51	0	0	SLO 3	160.67	-50.64	467.59	427.8779	1357.6837	-139.3198
9	42.51	0	0	SLO 4	169.13	-55.87	467.59	472.1402	1429.1541	139.3198
9	42.51	0	0	SLO 5	94.83	180.7	467.59	-1526.8772	801.2629	-162.2659
9	42.51	0	0	SLO 6	104.68	174.6	467.59	-1475.3249	884.5045	162.2659
9	42.51	0	0	SLO 7	2.57	-174.57	467.59	1475.148	21.7068	-162.2659
9	42.51	0	0	SLO 8	12.42	-180.68	467.59	1526.7003	104.9485	162.2659
9	42.51	0	0	SLO 9	-12.42	180.68	467.59	-1526.7003	-104.9485	-162.2659
9	42.51	0	0	SLO 10	-2.57	174.57	467.59	-1475.148	-21.7068	162.2659
9	42.51	0	0	SLO 11	-104.68	-174.6	467.59	1475.3249	-884.5045	-162.2659
9	42.51	0	0	SLO 12	-94.83	-180.7	467.59	1526.8772	-801.2629	162.2659
9	42.51	0	0	SLO 13	-169.13	55.87	467.59	-472.1402	-1429.1541	-139.3198
9	42.51	0	0	SLO 14	-160.67	50.64	467.59	-427.8779	-1357.6837	139.3198
9	42.51	0	0	SLO 15	-196.81	-50.71	467.59	428.4674	-1663.0209	-139.3198
9	42.51	0	0	SLO 16	-188.35	-55.94	467.59	472.7296	-1591.5505	139.3198
9	42.51	0	0	SLD 1	164.44	50.59	467.59	-427.4477	1389.5177	-122.5816
9	42.51	0	0	SLD 2	171.88	45.98	467.59	-388.5033	1452.4015	122.5816
9	42.51	0	0	SLD 3	139.3	-45.91	467.59	387.9653	1177.0557	-122.5816

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
9	42.51	0	0	SLD 4	146.74	-50.52	467.59	426.9098	1239.9395	122.5816
9	42.51	0	0	SLD 5	84.17	163.58	467.59	-1382.2328	711.1733	-145.6105
9	42.51	0	0	SLD 6	93.01	158.1	467.59	-1335.972	785.8708	145.6105
9	42.51	0	0	SLD 7	0.35	-158.09	467.59	1335.8106	2.9663	-145.6105
9	42.51	0	0	SLD 8	9.19	-163.56	467.59	1382.0714	77.6639	145.6105
9	42.51	0	0	SLD 9	-9.19	163.56	467.59	-1382.0714	-77.6639	-145.6105
9	42.51	0	0	SLD 10	-0.35	158.09	467.59	-1335.8106	-2.9663	145.6105
9	42.51	0	0	SLD 11	-93.01	-158.1	467.59	1335.972	-785.8708	-145.6105
9	42.51	0	0	SLD 12	-84.17	-163.58	467.59	1382.2328	-711.1733	145.6105
9	42.51	0	0	SLD 13	-146.74	50.52	467.59	-426.9098	-1239.9395	-122.5816
9	42.51	0	0	SLD 14	-139.3	45.91	467.59	-387.9653	-1177.0557	122.5816
9	42.51	0	0	SLD 15	-171.88	-45.98	467.59	388.5033	-1452.4015	-122.5816
9	42.51	0	0	SLD 16	-164.44	-50.59	467.59	427.4477	-1389.5177	122.5816
9	42.51	0	0	SLV FO 1	191.12	57.42	467.59	-485.2169	1614.9531	-141.7503
9	42.51	0	0	SLV FO 2	199.73	52.09	467.59	-440.1825	1687.6703	141.7503
9	42.51	0	0	SLV FO 3	162.7	-52.02	467.59	439.5754	1374.8038	-141.7503
9	42.51	0	0	SLV FO 4	171.3	-57.35	467.59	484.6098	1447.5211	141.7503
9	42.51	0	0	SLV FO 5	96.69	185.54	467.59	-1567.8174	816.9823	-166.2301
9	42.51	0	0	SLV FO 6	106.78	179.29	467.59	-1515.0056	902.2576	166.2301
9	42.51	0	0	SLV FO 7	1.95	-179.27	467.59	1514.8235	16.4847	-166.2301
9	42.51	0	0	SLV FO 8	12.04	-185.52	467.59	1567.6352	101.76	166.2301
9	42.51	0	0	SLV FO 9	-12.04	185.52	467.59	-1567.6352	-101.76	-166.2301
9	42.51	0	0	SLV FO 10	-1.95	179.27	467.59	-1514.8235	-16.4847	166.2301
9	42.51	0	0	SLV FO 11	-106.78	-179.29	467.59	1515.0056	-902.2576	-166.2301
9	42.51	0	0	SLV FO 12	-96.69	-185.54	467.59	1567.8174	-816.9823	166.2301
9	42.51	0	0	SLV FO 13	-171.3	57.35	467.59	-484.6098	-1447.5211	-141.7503
9	42.51	0	0	SLV FO 14	-162.7	52.02	467.59	-439.5754	-1374.8038	141.7503
9	42.51	0	0	SLV FO 15	-199.73	-52.09	467.59	440.1825	-1687.6703	-141.7503
9	42.51	0	0	SLV FO 16	-191.12	-57.42	467.59	485.2169	-1614.9531	141.7503
10	50.85	0	0	SLU 1	3.78	-12.18	620.31	102.9036	31.9518	0
10	50.85	0	0	SLU 2	0	0	620.31	0	0	0
10	50.85	0	0	SLU 3	-3.78	12.18	620.31	-102.9036	-31.9518	0
10	50.85	0	0	SLU 4	-3.49	-12.18	620.31	102.9008	-29.4818	0
10	50.85	0	0	SLU 5	-11.05	12.18	620.31	-102.9064	-93.3853	0
10	50.85	0	0	SLU 6	-9.85	-7.31	620.31	61.7375	-83.2182	0
10	50.85	0	0	SLU 7	-12.12	0	620.31	-0.0047	-102.3893	0
10	50.85	0	0	SLU 8	-14.39	7.31	620.31	-61.7468	-121.5603	0
10	50.85	0	0	SLU 9	3.83	10.52	620.31	-88.8655	32.3852	0
10	50.85	0	0	SLU 10	-3.73	34.87	620.31	-294.6727	-31.5183	0
10	50.85	0	0	SLU 11	2.35	30.52	620.31	-257.873	19.8935	0
10	50.85	0	0	SLU 12	0.09	37.82	620.31	-319.6152	0.7225	0
10	50.85	0	0	SLU 13	-2.18	45.13	620.31	-381.3573	-18.4486	0
10	50.85	0	0	SLU 14	13.41	-12.18	620.31	102.9073	113.2972	0
10	50.85	0	0	SLU 15	5.85	12.18	620.31	-102.8999	49.3937	0
10	50.85	0	0	SLU 16	18.31	-7.31	620.31	61.7483	154.7468	0
10	50.85	0	0	SLU 17	16.04	0	620.31	0.0062	135.5757	0
10	50.85	0	0	SLU 18	13.78	7.31	620.31	-61.736	116.4047	0
10	50.85	0	0	SLU 19	3.73	-34.91	620.31	294.9766	31.5185	0
10	50.85	0	0	SLU 20	-3.83	-10.55	620.31	89.1695	-32.385	0
10	50.85	0	0	SLU 21	2.18	-45.19	620.31	381.8639	18.449	0
10	50.85	0	0	SLU 22	-0.09	-37.88	620.31	320.1218	-0.722	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
10	50.85	0	0	SLU 23	-2.35	-30.58	620.31	258.3796	-19.8931	0
10	50.85	0	0	SLU 24	2.27	-7.31	683.52	61.7421	19.1711	0
10	50.85	0	0	SLU 25	0	0	683.52	0	0	0
10	50.85	0	0	SLU 26	-2.27	7.31	683.52	-61.7421	-19.1711	0
10	50.85	0	0	SLU 27	-5	-7.31	683.52	61.7394	-42.2625	0
10	50.85	0	0	SLU 28	-7.27	0	683.52	-0.0028	-61.4336	0
10	50.85	0	0	SLU 29	-9.54	7.31	683.52	-61.7449	-80.6046	0
10	50.85	0	0	SLU 30	2.32	15.39	683.52	-130.0269	19.6045	0
10	50.85	0	0	SLU 31	0.05	22.69	683.52	-191.7691	0.4335	0
10	50.85	0	0	SLU 32	-2.22	30	683.52	-253.5112	-18.7376	0
10	50.85	0	0	SLU 33	11.9	-7.31	683.52	61.7458	100.5165	0
10	50.85	0	0	SLU 34	9.63	0	683.52	0.0037	81.3454	0
10	50.85	0	0	SLU 35	7.36	7.31	683.52	-61.7385	62.1744	0
10	50.85	0	0	SLU 36	2.22	-30.04	683.52	253.8152	18.7378	0
10	50.85	0	0	SLU 37	-0.05	-22.73	683.52	192.0731	-0.4332	0
10	50.85	0	0	SLU 38	-2.32	-15.42	683.52	130.3309	-19.6043	0
10	50.85	0	0	SLU 39	3.78	-12.18	674.67	102.9036	31.9518	0
10	50.85	0	0	SLU 40	-3.78	12.18	674.67	-102.9036	-31.9518	0
10	50.85	0	0	SLU 41	-3.49	-12.18	674.67	102.9008	-29.4818	0
10	50.85	0	0	SLU 42	-11.05	12.18	674.67	-102.9064	-93.3853	0
10	50.85	0	0	SLU 43	-9.85	-7.31	674.67	61.7375	-83.2182	0
10	50.85	0	0	SLU 44	-12.12	0	674.67	-0.0047	-102.3893	0
10	50.85	0	0	SLU 45	-14.39	7.31	674.67	-61.7468	-121.5603	0
10	50.85	0	0	SLU 46	3.83	10.52	674.67	-88.8655	32.3852	0
10	50.85	0	0	SLU 47	-3.73	34.87	674.67	-294.6727	-31.5183	0
10	50.85	0	0	SLU 48	2.35	30.52	674.67	-257.873	19.8935	0
10	50.85	0	0	SLU 49	0.09	37.82	674.67	-319.6152	0.7225	0
10	50.85	0	0	SLU 50	-2.18	45.13	674.67	-381.3573	-18.4486	0
10	50.85	0	0	SLU 51	13.41	-12.18	674.67	102.9073	113.2972	0
10	50.85	0	0	SLU 52	5.85	12.18	674.67	-102.8999	49.3937	0
10	50.85	0	0	SLU 53	18.31	-7.31	674.67	61.7483	154.7468	0
10	50.85	0	0	SLU 54	16.04	0	674.67	0.0062	135.5757	0
10	50.85	0	0	SLU 55	13.78	7.31	674.67	-61.736	116.4047	0
10	50.85	0	0	SLU 56	3.73	-34.91	674.67	294.9766	31.5185	0
10	50.85	0	0	SLU 57	-3.83	-10.55	674.67	89.1695	-32.385	0
10	50.85	0	0	SLU 58	2.18	-45.19	674.67	381.8639	18.449	0
10	50.85	0	0	SLU 59	-0.09	-37.88	674.67	320.1218	-0.722	0
10	50.85	0	0	SLU 60	-2.35	-30.58	674.67	258.3796	-19.8931	0
10	50.85	0	0	SLU 61	2.27	-7.31	737.88	61.7421	19.1711	0
10	50.85	0	0	SLU 62	0	0	737.88	0	0	0
10	50.85	0	0	SLU 63	-2.27	7.31	737.88	-61.7421	-19.1711	0
10	50.85	0	0	SLU 64	-5	-7.31	737.88	61.7394	-42.2625	0
10	50.85	0	0	SLU 65	-7.27	0	737.88	-0.0028	-61.4336	0
10	50.85	0	0	SLU 66	-9.54	7.31	737.88	-61.7449	-80.6046	0
10	50.85	0	0	SLU 67	2.32	15.39	737.88	-130.0269	19.6045	0
10	50.85	0	0	SLU 68	0.05	22.69	737.88	-191.7691	0.4335	0
10	50.85	0	0	SLU 69	-2.22	30	737.88	-253.5112	-18.7376	0
10	50.85	0	0	SLU 70	11.9	-7.31	737.88	61.7458	100.5165	0
10	50.85	0	0	SLU 71	9.63	0	737.88	0.0037	81.3454	0
10	50.85	0	0	SLU 72	7.36	7.31	737.88	-61.7385	62.1744	0
10	50.85	0	0	SLU 73	2.22	-30.04	737.88	253.8152	18.7378	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
10	50.85	0	0	SLU 74	-0.05	-22.73	737.88	192.0731	-0.4332	0
10	50.85	0	0	SLU 75	-2.32	-15.42	737.88	130.3309	-19.6043	0
10	50.85	0	0	SLU 76	2.27	-7.31	729.03	61.7421	19.1711	0
10	50.85	0	0	SLU 77	0	0	729.03	0	0	0
10	50.85	0	0	SLU 78	-2.27	7.31	729.03	-61.7421	-19.1711	0
10	50.85	0	0	SLU 79	-5	-7.31	729.03	61.7394	-42.2625	0
10	50.85	0	0	SLU 80	-7.27	0	729.03	-0.0028	-61.4336	0
10	50.85	0	0	SLU 81	-9.54	7.31	729.03	-61.7449	-80.6046	0
10	50.85	0	0	SLU 82	2.32	15.39	729.03	-130.0269	19.6045	0
10	50.85	0	0	SLU 83	0.05	22.69	729.03	-191.7691	0.4335	0
10	50.85	0	0	SLU 84	-2.22	30	729.03	-253.5112	-18.7376	0
10	50.85	0	0	SLU 85	11.9	-7.31	729.03	61.7458	100.5165	0
10	50.85	0	0	SLU 86	9.63	0	729.03	0.0037	81.3454	0
10	50.85	0	0	SLU 87	7.36	7.31	729.03	-61.7385	62.1744	0
10	50.85	0	0	SLU 88	2.22	-30.04	729.03	253.8152	18.7378	0
10	50.85	0	0	SLU 89	-0.05	-22.73	729.03	192.0731	-0.4332	0
10	50.85	0	0	SLU 90	-2.32	-15.42	729.03	130.3309	-19.6043	0
10	50.85	0	0	SLE RA 1	2.52	-8.12	471.98	68.6024	21.3012	0
10	50.85	0	0	SLE RA 2	0	0	471.98	0	0	0
10	50.85	0	0	SLE RA 3	-2.52	8.12	471.98	-68.6024	-21.3012	0
10	50.85	0	0	SLE RA 4	-2.33	-8.12	471.98	68.6005	-19.6545	0
10	50.85	0	0	SLE RA 5	-7.37	8.12	471.98	-68.6042	-62.2569	0
10	50.85	0	0	SLE RA 6	-6.57	-4.87	471.98	41.1583	-55.4788	0
10	50.85	0	0	SLE RA 7	-8.08	0	471.98	-0.0031	-68.2595	0
10	50.85	0	0	SLE RA 8	-9.59	4.87	471.98	-41.1645	-81.0402	0
10	50.85	0	0	SLE RA 9	2.56	7.01	471.98	-59.2437	21.5902	0
10	50.85	0	0	SLE RA 10	-2.49	23.25	471.98	-196.4485	-21.0122	0
10	50.85	0	0	SLE RA 11	1.57	20.35	471.98	-171.9153	13.2624	0
10	50.85	0	0	SLE RA 12	0.06	25.22	471.98	-213.0768	0.4817	0
10	50.85	0	0	SLE RA 13	-1.46	30.09	471.98	-254.2382	-12.299	0
10	50.85	0	0	SLE RA 14	8.94	-8.12	471.98	68.6049	75.5315	0
10	50.85	0	0	SLE RA 15	3.9	8.12	471.98	-68.5999	32.9291	0
10	50.85	0	0	SLE RA 16	12.21	-4.87	471.98	41.1655	103.1645	0
10	50.85	0	0	SLE RA 17	10.7	0	471.98	0.0041	90.3838	0
10	50.85	0	0	SLE RA 18	9.18	4.87	471.98	-41.1573	77.6031	0
10	50.85	0	0	SLE RA 19	2.49	-23.27	471.98	196.6511	21.0124	0
10	50.85	0	0	SLE RA 20	-2.56	-7.04	471.98	59.4463	-21.59	0
10	50.85	0	0	SLE RA 21	1.46	-30.13	471.98	254.5759	12.2993	0
10	50.85	0	0	SLE RA 22	-0.06	-25.26	471.98	213.4145	-0.4814	0
10	50.85	0	0	SLE RA 23	-1.57	-20.39	471.98	172.2531	-13.2621	0
10	50.85	0	0	SLE RA 24	1.51	-4.87	514.11	41.1614	12.7807	0
10	50.85	0	0	SLE RA 25	0	0	514.11	0	0	0
10	50.85	0	0	SLE RA 26	-1.51	4.87	514.11	-41.1614	-12.7807	0
10	50.85	0	0	SLE RA 27	-3.33	-4.87	514.11	41.1596	-28.175	0
10	50.85	0	0	SLE RA 28	-4.85	0	514.11	-0.0019	-40.9557	0
10	50.85	0	0	SLE RA 29	-6.36	4.87	514.11	-41.1633	-53.7364	0
10	50.85	0	0	SLE RA 30	1.55	10.26	514.11	-86.6846	13.0697	0
10	50.85	0	0	SLE RA 31	0.03	15.13	514.11	-127.8461	0.289	0
10	50.85	0	0	SLE RA 32	-1.48	20	514.11	-169.0075	-12.4917	0
10	50.85	0	0	SLE RA 33	7.93	-4.87	514.11	41.1639	67.011	0
10	50.85	0	0	SLE RA 34	6.42	0	514.11	0.0025	54.2303	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
10	50.85	0	0	SLE RA 35	4.91	4.87	514.11	-41.159	41.4496	0
10	50.85	0	0	SLE RA 36	1.48	-20.03	514.11	169.2101	12.4919	0
10	50.85	0	0	SLE RA 37	-0.03	-15.15	514.11	128.0487	-0.2888	0
10	50.85	0	0	SLE RA 38	-1.55	-10.28	514.11	86.8873	-13.0695	0
10	50.85	0	0	SLE RA 39	2.52	-8.12	508.21	68.6024	21.3012	0
10	50.85	0	0	SLE RA 40	-2.52	8.12	508.21	-68.6024	-21.3012	0
10	50.85	0	0	SLE RA 41	-2.33	-8.12	508.21	68.6005	-19.6545	0
10	50.85	0	0	SLE RA 42	-7.37	8.12	508.21	-68.6042	-62.2569	0
10	50.85	0	0	SLE RA 43	-6.57	-4.87	508.21	41.1583	-55.4788	0
10	50.85	0	0	SLE RA 44	-8.08	0	508.21	-0.0031	-68.2595	0
10	50.85	0	0	SLE RA 45	-9.59	4.87	508.21	-41.1645	-81.0402	0
10	50.85	0	0	SLE RA 46	2.56	7.01	508.21	-59.2437	21.5902	0
10	50.85	0	0	SLE RA 47	-2.49	23.25	508.21	-196.4485	-21.0122	0
10	50.85	0	0	SLE RA 48	1.57	20.35	508.21	-171.9153	13.2624	0
10	50.85	0	0	SLE RA 49	0.06	25.22	508.21	-213.0768	0.4817	0
10	50.85	0	0	SLE RA 50	-1.46	30.09	508.21	-254.2382	-12.299	0
10	50.85	0	0	SLE RA 51	8.94	-8.12	508.21	68.6049	75.5315	0
10	50.85	0	0	SLE RA 52	3.9	8.12	508.21	-68.5999	32.9291	0
10	50.85	0	0	SLE RA 53	12.21	-4.87	508.21	41.1655	103.1645	0
10	50.85	0	0	SLE RA 54	10.7	0	508.21	0.0041	90.3838	0
10	50.85	0	0	SLE RA 55	9.18	4.87	508.21	-41.1573	77.6031	0
10	50.85	0	0	SLE RA 56	2.49	-23.27	508.21	196.6511	21.0124	0
10	50.85	0	0	SLE RA 57	-2.56	-7.04	508.21	59.4463	-21.59	0
10	50.85	0	0	SLE RA 58	1.46	-30.13	508.21	254.5759	12.2993	0
10	50.85	0	0	SLE RA 59	-0.06	-25.26	508.21	213.4145	-0.4814	0
10	50.85	0	0	SLE RA 60	-1.57	-20.39	508.21	172.2531	-13.2621	0
10	50.85	0	0	SLE RA 61	1.51	-4.87	550.35	41.1614	12.7807	0
10	50.85	0	0	SLE RA 62	0	0	550.35	0	0	0
10	50.85	0	0	SLE RA 63	-1.51	4.87	550.35	-41.1614	-12.7807	0
10	50.85	0	0	SLE RA 64	-3.33	-4.87	550.35	41.1596	-28.175	0
10	50.85	0	0	SLE RA 65	-4.85	0	550.35	-0.0019	-40.9557	0
10	50.85	0	0	SLE RA 66	-6.36	4.87	550.35	-41.1633	-53.7364	0
10	50.85	0	0	SLE RA 67	1.55	10.26	550.35	-86.6846	13.0697	0
10	50.85	0	0	SLE RA 68	0.03	15.13	550.35	-127.8461	0.289	0
10	50.85	0	0	SLE RA 69	-1.48	20	550.35	-169.0075	-12.4917	0
10	50.85	0	0	SLE RA 70	7.93	-4.87	550.35	41.1639	67.011	0
10	50.85	0	0	SLE RA 71	6.42	0	550.35	0.0025	54.2303	0
10	50.85	0	0	SLE RA 72	4.91	4.87	550.35	-41.159	41.4496	0
10	50.85	0	0	SLE RA 73	1.48	-20.03	550.35	169.2101	12.4919	0
10	50.85	0	0	SLE RA 74	-0.03	-15.15	550.35	128.0487	-0.2888	0
10	50.85	0	0	SLE RA 75	-1.55	-10.28	550.35	86.8873	-13.0695	0
10	50.85	0	0	SLE RA 76	1.51	-4.87	544.45	41.1614	12.7807	0
10	50.85	0	0	SLE RA 77	0	0	544.45	0	0	0
10	50.85	0	0	SLE RA 78	-1.51	4.87	544.45	-41.1614	-12.7807	0
10	50.85	0	0	SLE RA 79	-3.33	-4.87	544.45	41.1596	-28.175	0
10	50.85	0	0	SLE RA 80	-4.85	0	544.45	-0.0019	-40.9557	0
10	50.85	0	0	SLE RA 81	-6.36	4.87	544.45	-41.1633	-53.7364	0
10	50.85	0	0	SLE RA 82	1.55	10.26	544.45	-86.6846	13.0697	0
10	50.85	0	0	SLE RA 83	0.03	15.13	544.45	-127.8461	0.289	0
10	50.85	0	0	SLE RA 84	-1.48	20	544.45	-169.0075	-12.4917	0
10	50.85	0	0	SLE RA 85	7.93	-4.87	544.45	41.1639	67.011	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
10	50.85	0	0	SLE RA 86	6.42	0	544.45	0.0025	54.2303	0
10	50.85	0	0	SLE RA 87	4.91	4.87	544.45	-41.159	41.4496	0
10	50.85	0	0	SLE RA 88	1.48	-20.03	544.45	169.2101	12.4919	0
10	50.85	0	0	SLE RA 89	-0.03	-15.15	544.45	128.0487	-0.2888	0
10	50.85	0	0	SLE RA 90	-1.55	-10.28	544.45	86.8873	-13.0695	0
10	50.85	0	0	SLE FR 1	1.26	-4.06	471.98	34.3012	10.6506	0
10	50.85	0	0	SLE FR 2	0	0	471.98	0	0	0
10	50.85	0	0	SLE FR 3	-1.26	4.06	471.98	-34.3012	-10.6506	0
10	50.85	0	0	SLE FR 4	-1.62	0	471.98	-0.0006	-13.6519	0
10	50.85	0	0	SLE FR 5	0.01	5.04	471.98	-42.6154	0.0963	0
10	50.85	0	0	SLE FR 6	2.14	0	471.98	0.0008	18.0768	0
10	50.85	0	0	SLE FR 7	-0.01	-5.05	471.98	42.6829	-0.0963	0
10	50.85	0	0	SLE FR 8	0	0	486.47	0	0	0
10	50.85	0	0	SLE QP 1	0	0	471.98	0	0	0
10	50.85	0	0	SLO 1	188.36	61.14	471.98	-516.6657	1591.5985	-141.0272
10	50.85	0	0	SLO 2	196.82	66.14	471.98	-558.8671	1663.083	141.0272
10	50.85	0	0	SLO 3	160.68	-66.23	471.98	559.6725	1357.7276	-141.0272
10	50.85	0	0	SLO 4	169.14	-61.24	471.98	517.4711	1429.2121	141.0272
10	50.85	0	0	SLO 5	94.83	209.37	471.98	-1769.2002	801.2774	-164.2544
10	50.85	0	0	SLO 6	104.68	215.19	471.98	-1818.3522	884.5355	164.2544
10	50.85	0	0	SLO 7	2.57	-215.22	471.98	1818.5938	21.7077	-164.2544
10	50.85	0	0	SLO 8	12.42	-209.4	471.98	1769.4418	104.9657	164.2544
10	50.85	0	0	SLO 9	-12.42	209.4	471.98	-1769.4418	-104.9657	-164.2544
10	50.85	0	0	SLO 10	-2.57	215.22	471.98	-1818.5938	-21.7077	164.2544
10	50.85	0	0	SLO 11	-104.68	-215.19	471.98	1818.3522	-884.5355	-164.2544
10	50.85	0	0	SLO 12	-94.83	-209.37	471.98	1769.2002	-801.2774	164.2544
10	50.85	0	0	SLO 13	-169.14	61.24	471.98	-517.4711	-1429.2121	-141.0272
10	50.85	0	0	SLO 14	-160.68	66.23	471.98	-559.6725	-1357.7276	141.0272
10	50.85	0	0	SLO 15	-196.82	-66.14	471.98	558.8671	-1663.083	-141.0272
10	50.85	0	0	SLO 16	-188.36	-61.14	471.98	516.6657	-1591.5985	141.0272
10	50.85	0	0	SLD 1	164.45	55.32	471.98	-467.4161	1389.5597	-124.0838
10	50.85	0	0	SLD 2	171.89	59.71	471.98	-504.5473	1452.4559	124.0838
10	50.85	0	0	SLD 3	139.3	-59.79	471.98	505.2607	1177.0937	-124.0838
10	50.85	0	0	SLD 4	146.74	-55.4	471.98	468.1295	1239.9899	124.0838
10	50.85	0	0	SLD 5	84.17	189.23	471.98	-1598.9676	711.1863	-147.3949
10	50.85	0	0	SLD 6	93.01	194.45	471.98	-1643.0744	785.8985	147.3949
10	50.85	0	0	SLD 7	0.35	-194.47	471.98	1643.2884	2.9663	-147.3949
10	50.85	0	0	SLD 8	9.19	-189.25	471.98	1599.1816	77.6785	147.3949
10	50.85	0	0	SLD 9	-9.19	189.25	471.98	-1599.1816	-77.6785	-147.3949
10	50.85	0	0	SLD 10	-0.35	194.47	471.98	-1643.2884	-2.9663	147.3949
10	50.85	0	0	SLD 11	-93.01	-194.45	471.98	1643.0744	-785.8985	-147.3949
10	50.85	0	0	SLD 12	-84.17	-189.23	471.98	1598.9676	-711.1863	147.3949
10	50.85	0	0	SLD 13	-146.74	55.4	471.98	-468.1295	-1239.9899	-124.0838
10	50.85	0	0	SLD 14	-139.3	59.79	471.98	-505.2607	-1177.0937	124.0838
10	50.85	0	0	SLD 15	-171.89	-59.71	471.98	504.5473	-1452.4559	-124.0838
10	50.85	0	0	SLD 16	-164.45	-55.32	471.98	467.4161	-1389.5597	124.0838
10	50.85	0	0	SLV FO 1	191.13	62.81	471.98	-530.7416	1615.0018	-143.4874
10	50.85	0	0	SLV FO 2	199.73	67.89	471.98	-573.6792	1687.7334	143.4874
10	50.85	0	0	SLV FO 3	162.7	-67.99	471.98	574.5003	1374.8483	-143.4874
10	50.85	0	0	SLV FO 4	171.31	-62.91	471.98	531.5627	1447.5799	143.4874
10	50.85	0	0	SLV FO 5	96.69	215	471.98	-1816.7704	816.9971	-168.2672

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
10	50.85	0	0	SLV FO 6	106.78	220.96	471.98	-1867.1231	902.2891	168.2672
10	50.85	0	0	SLV FO 7	1.95	-220.99	471.98	1867.3694	16.4854	-168.2672
10	50.85	0	0	SLV FO 8	12.04	-215.03	471.98	1817.0167	101.7775	168.2672
10	50.85	0	0	SLV FO 9	-12.04	215.03	471.98	-1817.0167	-101.7775	-168.2672
10	50.85	0	0	SLV FO 10	-1.95	220.99	471.98	-1867.3694	-16.4854	168.2672
10	50.85	0	0	SLV FO 11	-106.78	-220.96	471.98	1867.1231	-902.2891	-168.2672
10	50.85	0	0	SLV FO 12	-96.69	-215	471.98	1816.7704	-816.9971	168.2672
10	50.85	0	0	SLV FO 13	-171.31	62.91	471.98	-531.5627	-1447.5799	-143.4874
10	50.85	0	0	SLV FO 14	-162.7	67.99	471.98	-574.5003	-1374.8483	143.4874
10	50.85	0	0	SLV FO 15	-199.73	-67.89	471.98	573.6792	-1687.7334	-143.4874
10	50.85	0	0	SLV FO 16	-191.13	-62.81	471.98	530.7416	-1615.0018	143.4874
11	59.19	0	0	SLU 1	17.13	-13.91	448.76	117.4977	144.7168	0
11	59.19	0	0	SLU 2	0	0	448.76	0	0	0
11	59.19	0	0	SLU 3	-17.13	13.91	448.76	-117.4977	-144.7168	0
11	59.19	0	0	SLU 4	6.29	-13.88	448.76	117.2468	53.1649	0
11	59.19	0	0	SLU 5	-27.96	13.93	448.76	-117.7485	-236.2687	0
11	59.19	0	0	SLU 6	-7.78	-8.29	448.76	70.0806	-65.7564	0
11	59.19	0	0	SLU 7	-18.06	0.05	448.76	-0.418	-152.5865	0
11	59.19	0	0	SLU 8	-28.33	8.39	448.76	-70.9166	-239.4166	0
11	59.19	0	0	SLU 9	17.2	11.95	448.76	-100.9599	145.3574	0
11	59.19	0	0	SLU 10	-17.05	39.76	448.76	-335.9552	-144.0762	0
11	59.19	0	0	SLU 11	10.4	34.75	448.76	-293.5973	87.8977	0
11	59.19	0	0	SLU 12	0.13	43.09	448.76	-364.0959	1.0676	0
11	59.19	0	0	SLU 13	-10.15	51.43	448.76	-434.5945	-85.7624	0
11	59.19	0	0	SLU 14	31.47	-13.94	448.76	117.8298	265.9425	0
11	59.19	0	0	SLU 15	-2.78	13.87	448.76	-117.1656	-23.491	0
11	59.19	0	0	SLU 16	34.19	-8.41	448.76	71.0521	288.873	0
11	59.19	0	0	SLU 17	23.91	-0.07	448.76	0.5535	202.0429	0
11	59.19	0	0	SLU 18	13.63	8.28	448.76	-69.9451	115.2129	0
11	59.19	0	0	SLU 19	17.05	-39.78	448.76	336.1754	144.077	0
11	59.19	0	0	SLU 20	-17.2	-11.97	448.76	101.18	-145.3565	0
11	59.19	0	0	SLU 21	10.15	-51.47	448.76	434.9614	85.7638	0
11	59.19	0	0	SLU 22	-0.13	-43.13	448.76	364.4628	-1.0662	0
11	59.19	0	0	SLU 23	-10.4	-34.79	448.76	293.9642	-87.8963	0
11	59.19	0	0	SLU 24	10.28	-8.34	480.36	70.4986	86.8301	0
11	59.19	0	0	SLU 25	0	0	480.36	0	0	0
11	59.19	0	0	SLU 26	-10.28	8.34	480.36	-70.4986	-86.8301	0
11	59.19	0	0	SLU 27	-0.56	-8.31	480.36	70.2478	-4.7218	0
11	59.19	0	0	SLU 28	-10.83	0.03	480.36	-0.2508	-91.5519	0
11	59.19	0	0	SLU 29	-21.11	8.37	480.36	-70.7494	-178.382	0
11	59.19	0	0	SLU 30	10.35	17.51	480.36	-147.9589	87.4706	0
11	59.19	0	0	SLU 31	0.08	25.85	480.36	-218.4575	0.6406	0
11	59.19	0	0	SLU 32	-10.2	34.2	480.36	-288.9561	-86.1895	0
11	59.19	0	0	SLU 33	24.62	-8.38	480.36	70.8307	208.0558	0
11	59.19	0	0	SLU 34	14.35	-0.04	480.36	0.3321	121.2258	0
11	59.19	0	0	SLU 35	4.07	8.3	480.36	-70.1665	34.3957	0
11	59.19	0	0	SLU 36	10.2	-34.22	480.36	289.1763	86.1903	0
11	59.19	0	0	SLU 37	-0.08	-25.88	480.36	218.6777	-0.6397	0
11	59.19	0	0	SLU 38	-10.35	-17.54	480.36	148.1791	-87.4698	0
11	59.19	0	0	SLU 39	17.13	-13.91	475.94	117.4977	144.7168	0
11	59.19	0	0	SLU 40	-17.13	13.91	475.94	-117.4977	-144.7168	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
11	59.19	0	0	SLU 41	6.29	-13.88	475.94	117.2468	53.1649	0
11	59.19	0	0	SLU 42	-27.96	13.93	475.94	-117.7485	-236.2687	0
11	59.19	0	0	SLU 43	-7.78	-8.29	475.94	70.0806	-65.7564	0
11	59.19	0	0	SLU 44	-18.06	0.05	475.94	-0.418	-152.5865	0
11	59.19	0	0	SLU 45	-28.33	8.39	475.94	-70.9166	-239.4166	0
11	59.19	0	0	SLU 46	17.2	11.95	475.94	-100.9599	145.3574	0
11	59.19	0	0	SLU 47	-17.05	39.76	475.94	-335.9552	-144.0762	0
11	59.19	0	0	SLU 48	10.4	34.75	475.94	-293.5973	87.8977	0
11	59.19	0	0	SLU 49	0.13	43.09	475.94	-364.0959	1.0676	0
11	59.19	0	0	SLU 50	-10.15	51.43	475.94	-434.5945	-85.7624	0
11	59.19	0	0	SLU 51	31.47	-13.94	475.94	117.8298	265.9425	0
11	59.19	0	0	SLU 52	-2.78	13.87	475.94	-117.1656	-23.491	0
11	59.19	0	0	SLU 53	34.19	-8.41	475.94	71.0521	288.873	0
11	59.19	0	0	SLU 54	23.91	-0.07	475.94	0.5535	202.0429	0
11	59.19	0	0	SLU 55	13.63	8.28	475.94	-69.9451	115.2129	0
11	59.19	0	0	SLU 56	17.05	-39.78	475.94	336.1754	144.077	0
11	59.19	0	0	SLU 57	-17.2	-11.97	475.94	101.18	-145.3565	0
11	59.19	0	0	SLU 58	10.15	-51.47	475.94	434.9614	85.7638	0
11	59.19	0	0	SLU 59	-0.13	-43.13	475.94	364.4628	-1.0662	0
11	59.19	0	0	SLU 60	-10.4	-34.79	475.94	293.9642	-87.8963	0
11	59.19	0	0	SLU 61	10.28	-8.34	507.54	70.4986	86.8301	0
11	59.19	0	0	SLU 62	0	0	507.54	0	0	0
11	59.19	0	0	SLU 63	-10.28	8.34	507.54	-70.4986	-86.8301	0
11	59.19	0	0	SLU 64	-0.56	-8.31	507.54	70.2478	-4.7218	0
11	59.19	0	0	SLU 65	-10.83	0.03	507.54	-0.2508	-91.5519	0
11	59.19	0	0	SLU 66	-21.11	8.37	507.54	-70.7494	-178.382	0
11	59.19	0	0	SLU 67	10.35	17.51	507.54	-147.9589	87.4706	0
11	59.19	0	0	SLU 68	0.08	25.85	507.54	-218.4575	0.6406	0
11	59.19	0	0	SLU 69	-10.2	34.2	507.54	-288.9561	-86.1895	0
11	59.19	0	0	SLU 70	24.62	-8.38	507.54	70.8307	208.0558	0
11	59.19	0	0	SLU 71	14.35	-0.04	507.54	0.3321	121.2258	0
11	59.19	0	0	SLU 72	4.07	8.3	507.54	-70.1665	34.3957	0
11	59.19	0	0	SLU 73	10.2	-34.22	507.54	289.1763	86.1903	0
11	59.19	0	0	SLU 74	-0.08	-25.88	507.54	218.6777	-0.6397	0
11	59.19	0	0	SLU 75	-10.35	-17.54	507.54	148.1791	-87.4698	0
11	59.19	0	0	SLU 76	10.28	-8.34	503.12	70.4986	86.8301	0
11	59.19	0	0	SLU 77	0	0	503.12	0	0	0
11	59.19	0	0	SLU 78	-10.28	8.34	503.12	-70.4986	-86.8301	0
11	59.19	0	0	SLU 79	-0.56	-8.31	503.12	70.2478	-4.7218	0
11	59.19	0	0	SLU 80	-10.83	0.03	503.12	-0.2508	-91.5519	0
11	59.19	0	0	SLU 81	-21.11	8.37	503.12	-70.7494	-178.382	0
11	59.19	0	0	SLU 82	10.35	17.51	503.12	-147.9589	87.4706	0
11	59.19	0	0	SLU 83	0.08	25.85	503.12	-218.4575	0.6406	0
11	59.19	0	0	SLU 84	-10.2	34.2	503.12	-288.9561	-86.1895	0
11	59.19	0	0	SLU 85	24.62	-8.38	503.12	70.8307	208.0558	0
11	59.19	0	0	SLU 86	14.35	-0.04	503.12	0.3321	121.2258	0
11	59.19	0	0	SLU 87	4.07	8.3	503.12	-70.1665	34.3957	0
11	59.19	0	0	SLU 88	10.2	-34.22	503.12	289.1763	86.1903	0
11	59.19	0	0	SLU 89	-0.08	-25.88	503.12	218.6777	-0.6397	0
11	59.19	0	0	SLU 90	-10.35	-17.54	503.12	148.1791	-87.4698	0
11	59.19	0	0	SLE RA 1	11.42	-9.27	342.61	78.3318	96.4778	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
11	59.19	0	0	SLE RA 2	0	0	342.61	0	0	0
11	59.19	0	0	SLE RA 3	-11.42	9.27	342.61	-78.3318	-96.4778	0
11	59.19	0	0	SLE RA 4	4.19	-9.25	342.61	78.1646	35.4432	0
11	59.19	0	0	SLE RA 5	-18.64	9.29	342.61	-78.499	-157.5124	0
11	59.19	0	0	SLE RA 6	-5.19	-5.53	342.61	46.7204	-43.8376	0
11	59.19	0	0	SLE RA 7	-12.04	0.03	342.61	-0.2787	-101.7243	0
11	59.19	0	0	SLE RA 8	-18.89	5.6	342.61	-47.2778	-159.611	0
11	59.19	0	0	SLE RA 9	11.47	7.97	342.61	-67.3066	96.9049	0
11	59.19	0	0	SLE RA 10	-11.37	26.51	342.61	-223.9701	-96.0508	0
11	59.19	0	0	SLE RA 11	6.93	23.16	342.61	-195.7315	58.5985	0
11	59.19	0	0	SLE RA 12	0.08	28.73	342.61	-242.7306	0.7118	0
11	59.19	0	0	SLE RA 13	-6.77	34.29	342.61	-289.7297	-57.1749	0
11	59.19	0	0	SLE RA 14	20.98	-9.3	342.61	78.5532	177.295	0
11	59.19	0	0	SLE RA 15	-1.85	9.24	342.61	-78.1104	-15.6607	0
11	59.19	0	0	SLE RA 16	22.79	-5.61	342.61	47.3681	192.582	0
11	59.19	0	0	SLE RA 17	15.94	-0.04	342.61	0.369	134.6953	0
11	59.19	0	0	SLE RA 18	9.09	5.52	342.61	-46.63	76.8086	0
11	59.19	0	0	SLE RA 19	11.37	-26.52	342.61	224.1169	96.0514	0
11	59.19	0	0	SLE RA 20	-11.47	-7.98	342.61	67.4533	-96.9043	0
11	59.19	0	0	SLE RA 21	6.77	-34.32	342.61	289.9743	57.1759	0
11	59.19	0	0	SLE RA 22	-0.08	-28.75	342.61	242.9752	-0.7108	0
11	59.19	0	0	SLE RA 23	-6.93	-23.19	342.61	195.9761	-58.5975	0
11	59.19	0	0	SLE RA 24	6.85	-5.56	363.67	46.9991	57.8867	0
11	59.19	0	0	SLE RA 25	0	0	363.67	0	0	0
11	59.19	0	0	SLE RA 26	-6.85	5.56	363.67	-46.9991	-57.8867	0
11	59.19	0	0	SLE RA 27	-0.37	-5.54	363.67	46.8319	-3.1479	0
11	59.19	0	0	SLE RA 28	-7.22	0.02	363.67	-0.1672	-61.0346	0
11	59.19	0	0	SLE RA 29	-14.07	5.58	363.67	-47.1663	-118.9213	0
11	59.19	0	0	SLE RA 30	6.9	11.67	363.67	-98.6393	58.3138	0
11	59.19	0	0	SLE RA 31	0.05	17.24	363.67	-145.6384	0.4271	0
11	59.19	0	0	SLE RA 32	-6.8	22.8	363.67	-192.6374	-57.4596	0
11	59.19	0	0	SLE RA 33	16.41	-5.59	363.67	47.2205	138.7039	0
11	59.19	0	0	SLE RA 34	9.56	-0.03	363.67	0.2214	80.8172	0
11	59.19	0	0	SLE RA 35	2.71	5.54	363.67	-46.7777	22.9305	0
11	59.19	0	0	SLE RA 36	6.8	-22.81	363.67	192.7842	57.4602	0
11	59.19	0	0	SLE RA 37	-0.05	-17.25	363.67	145.7851	-0.4265	0
11	59.19	0	0	SLE RA 38	-6.9	-11.69	363.67	98.7861	-58.3132	0
11	59.19	0	0	SLE RA 39	11.42	-9.27	360.72	78.3318	96.4778	0
11	59.19	0	0	SLE RA 40	-11.42	9.27	360.72	-78.3318	-96.4778	0
11	59.19	0	0	SLE RA 41	4.19	-9.25	360.72	78.1646	35.4432	0
11	59.19	0	0	SLE RA 42	-18.64	9.29	360.72	-78.499	-157.5124	0
11	59.19	0	0	SLE RA 43	-5.19	-5.53	360.72	46.7204	-43.8376	0
11	59.19	0	0	SLE RA 44	-12.04	0.03	360.72	-0.2787	-101.7243	0
11	59.19	0	0	SLE RA 45	-18.89	5.6	360.72	-47.2778	-159.611	0
11	59.19	0	0	SLE RA 46	11.47	7.97	360.72	-67.3066	96.9049	0
11	59.19	0	0	SLE RA 47	-11.37	26.51	360.72	-223.9701	-96.0508	0
11	59.19	0	0	SLE RA 48	6.93	23.16	360.72	-195.7315	58.5985	0
11	59.19	0	0	SLE RA 49	0.08	28.73	360.72	-242.7306	0.7118	0
11	59.19	0	0	SLE RA 50	-6.77	34.29	360.72	-289.7297	-57.1749	0
11	59.19	0	0	SLE RA 51	20.98	-9.3	360.72	78.5532	177.295	0
11	59.19	0	0	SLE RA 52	-1.85	9.24	360.72	-78.1104	-15.6607	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
11	59.19	0	0	SLE RA 53	22.79	-5.61	360.72	47.3681	192.582	0
11	59.19	0	0	SLE RA 54	15.94	-0.04	360.72	0.369	134.6953	0
11	59.19	0	0	SLE RA 55	9.09	5.52	360.72	-46.63	76.8086	0
11	59.19	0	0	SLE RA 56	11.37	-26.52	360.72	224.1169	96.0514	0
11	59.19	0	0	SLE RA 57	-11.47	-7.98	360.72	67.4533	-96.9043	0
11	59.19	0	0	SLE RA 58	6.77	-34.32	360.72	289.9743	57.1759	0
11	59.19	0	0	SLE RA 59	-0.08	-28.75	360.72	242.9752	-0.7108	0
11	59.19	0	0	SLE RA 60	-6.93	-23.19	360.72	195.9761	-58.5975	0
11	59.19	0	0	SLE RA 61	6.85	-5.56	381.79	46.9991	57.8867	0
11	59.19	0	0	SLE RA 62	0	0	381.79	0	0	0
11	59.19	0	0	SLE RA 63	-6.85	5.56	381.79	-46.9991	-57.8867	0
11	59.19	0	0	SLE RA 64	-0.37	-5.54	381.79	46.8319	-3.1479	0
11	59.19	0	0	SLE RA 65	-7.22	0.02	381.79	-0.1672	-61.0346	0
11	59.19	0	0	SLE RA 66	-14.07	5.58	381.79	-47.1663	-118.9213	0
11	59.19	0	0	SLE RA 67	6.9	11.67	381.79	-98.6393	58.3138	0
11	59.19	0	0	SLE RA 68	0.05	17.24	381.79	-145.6384	0.4271	0
11	59.19	0	0	SLE RA 69	-6.8	22.8	381.79	-192.6374	-57.4596	0
11	59.19	0	0	SLE RA 70	16.41	-5.59	381.79	47.2205	138.7039	0
11	59.19	0	0	SLE RA 71	9.56	-0.03	381.79	0.2214	80.8172	0
11	59.19	0	0	SLE RA 72	2.71	5.54	381.79	-46.7777	22.9305	0
11	59.19	0	0	SLE RA 73	6.8	-22.81	381.79	192.7842	57.4602	0
11	59.19	0	0	SLE RA 74	-0.05	-17.25	381.79	145.7851	-0.4265	0
11	59.19	0	0	SLE RA 75	-6.9	-11.69	381.79	98.7861	-58.3132	0
11	59.19	0	0	SLE RA 76	6.85	-5.56	378.84	46.9991	57.8867	0
11	59.19	0	0	SLE RA 77	0	0	378.84	0	0	0
11	59.19	0	0	SLE RA 78	-6.85	5.56	378.84	-46.9991	-57.8867	0
11	59.19	0	0	SLE RA 79	-0.37	-5.54	378.84	46.8319	-3.1479	0
11	59.19	0	0	SLE RA 80	-7.22	0.02	378.84	-0.1672	-61.0346	0
11	59.19	0	0	SLE RA 81	-14.07	5.58	378.84	-47.1663	-118.9213	0
11	59.19	0	0	SLE RA 82	6.9	11.67	378.84	-98.6393	58.3138	0
11	59.19	0	0	SLE RA 83	0.05	17.24	378.84	-145.6384	0.4271	0
11	59.19	0	0	SLE RA 84	-6.8	22.8	378.84	-192.6374	-57.4596	0
11	59.19	0	0	SLE RA 85	16.41	-5.59	378.84	47.2205	138.7039	0
11	59.19	0	0	SLE RA 86	9.56	-0.03	378.84	0.2214	80.8172	0
11	59.19	0	0	SLE RA 87	2.71	5.54	378.84	-46.7777	22.9305	0
11	59.19	0	0	SLE RA 88	6.8	-22.81	378.84	192.7842	57.4602	0
11	59.19	0	0	SLE RA 89	-0.05	-17.25	378.84	145.7851	-0.4265	0
11	59.19	0	0	SLE RA 90	-6.9	-11.69	378.84	98.7861	-58.3132	0
11	59.19	0	0	SLE FR 1	5.71	-4.64	342.61	39.1659	48.2389	0
11	59.19	0	0	SLE FR 2	0	0	342.61	0	0	0
11	59.19	0	0	SLE FR 3	-5.71	4.64	342.61	-39.1659	-48.2389	0
11	59.19	0	0	SLE FR 4	-2.41	0.01	342.61	-0.0557	-20.3449	0
11	59.19	0	0	SLE FR 5	0.02	5.75	342.61	-48.5461	0.1424	0
11	59.19	0	0	SLE FR 6	3.19	-0.01	342.61	0.0738	26.9391	0
11	59.19	0	0	SLE FR 7	-0.02	-5.75	342.61	48.595	-0.1422	0
11	59.19	0	0	SLE FR 8	0	0	349.85	0	0	0
11	59.19	0	0	SLE QP 1	0	0	342.61	0	0	0
11	59.19	0	0	SLO 1	280.57	77.25	342.61	-652.6809	2370.8328	-91.0777
11	59.19	0	0	SLO 2	293.19	94.96	342.61	-802.1869	2477.4053	91.0777
11	59.19	0	0	SLO 3	239.35	-95.8	342.61	809.2526	2022.4791	-91.0777
11	59.19	0	0	SLO 4	251.96	-78.09	342.61	659.7466	2129.0516	91.0777

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
11	59.19	0	0	SLO 5	141.25	277.98	342.61	-2348.4311	1193.5096	-106.0782
11	59.19	0	0	SLO 6	155.94	298.61	342.61	-2522.5608	1317.6346	106.0782
11	59.19	0	0	SLO 7	3.82	-298.86	342.61	2524.6805	32.3307	-106.0782
11	59.19	0	0	SLO 8	18.51	-278.23	342.61	2350.5508	156.4557	106.0782
11	59.19	0	0	SLO 9	-18.51	278.23	342.61	-2350.5508	-156.4557	-106.0782
11	59.19	0	0	SLO 10	-3.82	298.86	342.61	-2524.6805	-32.3307	106.0782
11	59.19	0	0	SLO 11	-155.94	-298.61	342.61	2522.5608	-1317.6346	-106.0782
11	59.19	0	0	SLO 12	-141.25	-277.98	342.61	2348.4311	-1193.5096	106.0782
11	59.19	0	0	SLO 13	-251.96	78.09	342.61	-659.7466	-2129.0516	-91.0777
11	59.19	0	0	SLO 14	-239.35	95.8	342.61	-809.2526	-2022.4791	91.0777
11	59.19	0	0	SLO 15	-293.19	-94.96	342.61	802.1869	-2477.4053	-91.0777
11	59.19	0	0	SLO 16	-280.57	-77.25	342.61	652.6809	-2370.8328	91.0777
11	59.19	0	0	SLD 1	244.96	70	342.61	-591.3904	2069.8766	-80.1354
11	59.19	0	0	SLD 2	256.05	85.58	342.61	-722.9344	2163.6452	80.1354
11	59.19	0	0	SLD 3	207.5	-86.3	342.61	729.038	1753.406	-80.1354
11	59.19	0	0	SLD 4	218.6	-70.72	342.61	597.494	1847.1746	80.1354
11	59.19	0	0	SLD 5	125.37	251.14	342.61	-2121.6702	1059.3165	-95.1901
11	59.19	0	0	SLD 6	138.55	269.65	342.61	-2277.9268	1170.701	95.1901
11	59.19	0	0	SLD 7	0.52	-269.87	342.61	2279.7578	4.4144	-95.1901
11	59.19	0	0	SLD 8	13.7	-251.36	342.61	2123.5012	115.7989	95.1901
11	59.19	0	0	SLD 9	-13.7	251.36	342.61	-2123.5012	-115.7989	-95.1901
11	59.19	0	0	SLD 10	-0.52	269.87	342.61	-2279.7578	-4.4144	95.1901
11	59.19	0	0	SLD 11	-138.55	-269.65	342.61	2277.9268	-1170.701	-95.1901
11	59.19	0	0	SLD 12	-125.37	-251.14	342.61	2121.6702	-1059.3165	95.1901
11	59.19	0	0	SLD 13	-218.6	70.72	342.61	-597.494	-1847.1746	-80.1354
11	59.19	0	0	SLD 14	-207.5	86.3	342.61	-729.038	-1753.406	80.1354
11	59.19	0	0	SLD 15	-256.05	-85.58	342.61	722.9344	-2163.6452	-80.1354
11	59.19	0	0	SLD 16	-244.96	-70	342.61	591.3904	-2069.8766	80.1354
11	59.19	0	0	SLV FO 1	284.7	79.42	342.61	-670.9664	2405.6939	-92.6666
11	59.19	0	0	SLV FO 2	297.53	97.44	342.61	-823.0805	2514.1256	92.6666
11	59.19	0	0	SLV FO 3	242.36	-98.28	342.61	830.2255	2047.9823	-92.6666
11	59.19	0	0	SLV FO 4	255.2	-80.26	342.61	678.1114	2156.4139	92.6666
11	59.19	0	0	SLV FO 5	144.02	285.47	342.61	-2411.7229	1216.9235	-108.6698
11	59.19	0	0	SLV FO 6	159.07	306.61	342.61	-2590.1066	1344.0809	108.6698
11	59.19	0	0	SLV FO 7	2.9	-306.86	342.61	2592.2502	24.5515	-108.6698
11	59.19	0	0	SLV FO 8	17.95	-285.73	342.61	2413.8664	151.7089	108.6698
11	59.19	0	0	SLV FO 9	-17.95	285.73	342.61	-2413.8664	-151.7089	-108.6698
11	59.19	0	0	SLV FO 10	-2.9	306.86	342.61	-2592.2502	-24.5515	108.6698
11	59.19	0	0	SLV FO 11	-159.07	-306.61	342.61	2590.1066	-1344.0809	-108.6698
11	59.19	0	0	SLV FO 12	-144.02	-285.47	342.61	2411.7229	-1216.9235	108.6698
11	59.19	0	0	SLV FO 13	-255.2	80.26	342.61	-678.1114	-2156.4139	-92.6666
11	59.19	0	0	SLV FO 14	-242.36	98.28	342.61	-830.2255	-2047.9823	92.6666
11	59.19	0	0	SLV FO 15	-297.53	-97.44	342.61	823.0805	-2514.1256	-92.6666
11	59.19	0	0	SLV FO 16	-284.7	-79.42	342.61	670.9664	-2405.6939	92.6666
12	32.87	7.19	0	SLU 1	9	13.5	327.16	-99.225	158.7222	-8.1
12	32.87	7.19	0	SLU 2	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 3	9	13.5	327.16	-99.225	158.7189	-8.1
12	32.87	7.19	0	SLU 4	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 5	9	13.5	327.16	-99.225	158.7181	-8.1
12	32.87	7.19	0	SLU 6	9	13.5	327.16	-99.225	158.7202	-8.1
12	32.87	7.19	0	SLU 7	9	13.5	327.16	-99.225	158.7192	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
12	32.87	7.19	0	SLU 8	9	13.5	327.16	-99.225	158.7182	-8.1
12	32.87	7.19	0	SLU 9	9	13.5	327.16	-99.225	158.7221	-8.1
12	32.87	7.19	0	SLU 10	9	13.5	327.16	-99.225	158.7188	-8.1
12	32.87	7.19	0	SLU 11	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 12	9	13.5	327.16	-99.225	158.7204	-8.1
12	32.87	7.19	0	SLU 13	9	13.5	327.16	-99.225	158.7194	-8.1
12	32.87	7.19	0	SLU 14	9	13.5	327.16	-99.225	158.7227	-8.1
12	32.87	7.19	0	SLU 15	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 16	9	13.5	327.16	-99.225	158.7225	-8.1
12	32.87	7.19	0	SLU 17	9	13.5	327.16	-99.225	158.7215	-8.1
12	32.87	7.19	0	SLU 18	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 19	9	13.5	327.16	-99.225	158.7222	-8.1
12	32.87	7.19	0	SLU 20	9	13.5	327.16	-99.225	158.7189	-8.1
12	32.87	7.19	0	SLU 21	9	13.5	327.16	-99.225	158.7216	-8.1
12	32.87	7.19	0	SLU 22	9	13.5	327.16	-99.225	158.7206	-8.1
12	32.87	7.19	0	SLU 23	9	13.5	327.16	-99.225	158.7196	-8.1
12	32.87	7.19	0	SLU 24	9	13.5	327.16	-99.225	158.7215	-8.1
12	32.87	7.19	0	SLU 25	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 26	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 27	9	13.5	327.16	-99.225	158.7207	-8.1
12	32.87	7.19	0	SLU 28	9	13.5	327.16	-99.225	158.7197	-8.1
12	32.87	7.19	0	SLU 29	9	13.5	327.16	-99.225	158.7188	-8.1
12	32.87	7.19	0	SLU 30	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 31	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 32	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 33	9	13.5	327.16	-99.225	158.7221	-8.1
12	32.87	7.19	0	SLU 34	9	13.5	327.16	-99.225	158.7211	-8.1
12	32.87	7.19	0	SLU 35	9	13.5	327.16	-99.225	158.7201	-8.1
12	32.87	7.19	0	SLU 36	9	13.5	327.16	-99.225	158.7216	-8.1
12	32.87	7.19	0	SLU 37	9	13.5	327.16	-99.225	158.7206	-8.1
12	32.87	7.19	0	SLU 38	9	13.5	327.16	-99.225	158.7196	-8.1
12	32.87	7.19	0	SLU 39	9	13.5	327.16	-99.225	158.7222	-8.1
12	32.87	7.19	0	SLU 40	9	13.5	327.16	-99.225	158.7189	-8.1
12	32.87	7.19	0	SLU 41	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 42	9	13.5	327.16	-99.225	158.7181	-8.1
12	32.87	7.19	0	SLU 43	9	13.5	327.16	-99.225	158.7202	-8.1
12	32.87	7.19	0	SLU 44	9	13.5	327.16	-99.225	158.7192	-8.1
12	32.87	7.19	0	SLU 45	9	13.5	327.16	-99.225	158.7182	-8.1
12	32.87	7.19	0	SLU 46	9	13.5	327.16	-99.225	158.7221	-8.1
12	32.87	7.19	0	SLU 47	9	13.5	327.16	-99.225	158.7188	-8.1
12	32.87	7.19	0	SLU 48	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 49	9	13.5	327.16	-99.225	158.7204	-8.1
12	32.87	7.19	0	SLU 50	9	13.5	327.16	-99.225	158.7194	-8.1
12	32.87	7.19	0	SLU 51	9	13.5	327.16	-99.225	158.7227	-8.1
12	32.87	7.19	0	SLU 52	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 53	9	13.5	327.16	-99.225	158.7225	-8.1
12	32.87	7.19	0	SLU 54	9	13.5	327.16	-99.225	158.7215	-8.1
12	32.87	7.19	0	SLU 55	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 56	9	13.5	327.16	-99.225	158.7222	-8.1
12	32.87	7.19	0	SLU 57	9	13.5	327.16	-99.225	158.7189	-8.1
12	32.87	7.19	0	SLU 58	9	13.5	327.16	-99.225	158.7216	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
12	32.87	7.19	0	SLU 59	9	13.5	327.16	-99.225	158.7206	-8.1
12	32.87	7.19	0	SLU 60	9	13.5	327.16	-99.225	158.7196	-8.1
12	32.87	7.19	0	SLU 61	9	13.5	327.16	-99.225	158.7215	-8.1
12	32.87	7.19	0	SLU 62	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 63	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 64	9	13.5	327.16	-99.225	158.7207	-8.1
12	32.87	7.19	0	SLU 65	9	13.5	327.16	-99.225	158.7197	-8.1
12	32.87	7.19	0	SLU 66	9	13.5	327.16	-99.225	158.7188	-8.1
12	32.87	7.19	0	SLU 67	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 68	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 69	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 70	9	13.5	327.16	-99.225	158.7221	-8.1
12	32.87	7.19	0	SLU 71	9	13.5	327.16	-99.225	158.7211	-8.1
12	32.87	7.19	0	SLU 72	9	13.5	327.16	-99.225	158.7201	-8.1
12	32.87	7.19	0	SLU 73	9	13.5	327.16	-99.225	158.7216	-8.1
12	32.87	7.19	0	SLU 74	9	13.5	327.16	-99.225	158.7206	-8.1
12	32.87	7.19	0	SLU 75	9	13.5	327.16	-99.225	158.7196	-8.1
12	32.87	7.19	0	SLU 76	9	13.5	327.16	-99.225	158.7215	-8.1
12	32.87	7.19	0	SLU 77	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 78	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 79	9	13.5	327.16	-99.225	158.7207	-8.1
12	32.87	7.19	0	SLU 80	9	13.5	327.16	-99.225	158.7197	-8.1
12	32.87	7.19	0	SLU 81	9	13.5	327.16	-99.225	158.7188	-8.1
12	32.87	7.19	0	SLU 82	9	13.5	327.16	-99.225	158.7214	-8.1
12	32.87	7.19	0	SLU 83	9	13.5	327.16	-99.225	158.7205	-8.1
12	32.87	7.19	0	SLU 84	9	13.5	327.16	-99.225	158.7195	-8.1
12	32.87	7.19	0	SLU 85	9	13.5	327.16	-99.225	158.7221	-8.1
12	32.87	7.19	0	SLU 86	9	13.5	327.16	-99.225	158.7211	-8.1
12	32.87	7.19	0	SLU 87	9	13.5	327.16	-99.225	158.7201	-8.1
12	32.87	7.19	0	SLU 88	9	13.5	327.16	-99.225	158.7216	-8.1
12	32.87	7.19	0	SLU 89	9	13.5	327.16	-99.225	158.7206	-8.1
12	32.87	7.19	0	SLU 90	9	13.5	327.16	-99.225	158.7196	-8.1
12	32.87	7.19	0	SLE RA 1	6	9	236.74	-66.15	106.3559	-5.4
12	32.87	7.19	0	SLE RA 2	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 3	6	9	236.74	-66.15	106.3537	-5.4
12	32.87	7.19	0	SLE RA 4	6	9	236.74	-66.15	106.3553	-5.4
12	32.87	7.19	0	SLE RA 5	6	9	236.74	-66.15	106.3531	-5.4
12	32.87	7.19	0	SLE RA 6	6	9	236.74	-66.15	106.3546	-5.4
12	32.87	7.19	0	SLE RA 7	6	9	236.74	-66.15	106.3539	-5.4
12	32.87	7.19	0	SLE RA 8	6	9	236.74	-66.15	106.3532	-5.4
12	32.87	7.19	0	SLE RA 9	6	9	236.74	-66.15	106.3558	-5.4
12	32.87	7.19	0	SLE RA 10	6	9	236.74	-66.15	106.3536	-5.4
12	32.87	7.19	0	SLE RA 11	6	9	236.74	-66.15	106.3553	-5.4
12	32.87	7.19	0	SLE RA 12	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE RA 13	6	9	236.74	-66.15	106.354	-5.4
12	32.87	7.19	0	SLE RA 14	6	9	236.74	-66.15	106.3562	-5.4
12	32.87	7.19	0	SLE RA 15	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 16	6	9	236.74	-66.15	106.3561	-5.4
12	32.87	7.19	0	SLE RA 17	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 18	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 19	6	9	236.74	-66.15	106.3559	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
12	32.87	7.19	0	SLE RA 20	6	9	236.74	-66.15	106.3537	-5.4
12	32.87	7.19	0	SLE RA 21	6	9	236.74	-66.15	106.3555	-5.4
12	32.87	7.19	0	SLE RA 22	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 23	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE RA 24	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 25	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 26	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 27	6	9	236.74	-66.15	106.3549	-5.4
12	32.87	7.19	0	SLE RA 28	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE RA 29	6	9	236.74	-66.15	106.3536	-5.4
12	32.87	7.19	0	SLE RA 30	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 31	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE RA 32	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 33	6	9	236.74	-66.15	106.3558	-5.4
12	32.87	7.19	0	SLE RA 34	6	9	236.74	-66.15	106.3552	-5.4
12	32.87	7.19	0	SLE RA 35	6	9	236.74	-66.15	106.3545	-5.4
12	32.87	7.19	0	SLE RA 36	6	9	236.74	-66.15	106.3555	-5.4
12	32.87	7.19	0	SLE RA 37	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 38	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 39	6	9	236.74	-66.15	106.3559	-5.4
12	32.87	7.19	0	SLE RA 40	6	9	236.74	-66.15	106.3537	-5.4
12	32.87	7.19	0	SLE RA 41	6	9	236.74	-66.15	106.3553	-5.4
12	32.87	7.19	0	SLE RA 42	6	9	236.74	-66.15	106.3531	-5.4
12	32.87	7.19	0	SLE RA 43	6	9	236.74	-66.15	106.3546	-5.4
12	32.87	7.19	0	SLE RA 44	6	9	236.74	-66.15	106.3539	-5.4
12	32.87	7.19	0	SLE RA 45	6	9	236.74	-66.15	106.3532	-5.4
12	32.87	7.19	0	SLE RA 46	6	9	236.74	-66.15	106.3558	-5.4
12	32.87	7.19	0	SLE RA 47	6	9	236.74	-66.15	106.3536	-5.4
12	32.87	7.19	0	SLE RA 48	6	9	236.74	-66.15	106.3553	-5.4
12	32.87	7.19	0	SLE RA 49	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE RA 50	6	9	236.74	-66.15	106.354	-5.4
12	32.87	7.19	0	SLE RA 51	6	9	236.74	-66.15	106.3562	-5.4
12	32.87	7.19	0	SLE RA 52	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 53	6	9	236.74	-66.15	106.3561	-5.4
12	32.87	7.19	0	SLE RA 54	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 55	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 56	6	9	236.74	-66.15	106.3559	-5.4
12	32.87	7.19	0	SLE RA 57	6	9	236.74	-66.15	106.3537	-5.4
12	32.87	7.19	0	SLE RA 58	6	9	236.74	-66.15	106.3555	-5.4
12	32.87	7.19	0	SLE RA 59	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 60	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE RA 61	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 62	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 63	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 64	6	9	236.74	-66.15	106.3549	-5.4
12	32.87	7.19	0	SLE RA 65	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE RA 66	6	9	236.74	-66.15	106.3536	-5.4
12	32.87	7.19	0	SLE RA 67	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 68	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE RA 69	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 70	6	9	236.74	-66.15	106.3558	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
12	32.87	7.19	0	SLE RA 71	6	9	236.74	-66.15	106.3552	-5.4
12	32.87	7.19	0	SLE RA 72	6	9	236.74	-66.15	106.3545	-5.4
12	32.87	7.19	0	SLE RA 73	6	9	236.74	-66.15	106.3555	-5.4
12	32.87	7.19	0	SLE RA 74	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 75	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 76	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 77	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 78	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 79	6	9	236.74	-66.15	106.3549	-5.4
12	32.87	7.19	0	SLE RA 80	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE RA 81	6	9	236.74	-66.15	106.3536	-5.4
12	32.87	7.19	0	SLE RA 82	6	9	236.74	-66.15	106.3554	-5.4
12	32.87	7.19	0	SLE RA 83	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE RA 84	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE RA 85	6	9	236.74	-66.15	106.3558	-5.4
12	32.87	7.19	0	SLE RA 86	6	9	236.74	-66.15	106.3552	-5.4
12	32.87	7.19	0	SLE RA 87	6	9	236.74	-66.15	106.3545	-5.4
12	32.87	7.19	0	SLE RA 88	6	9	236.74	-66.15	106.3555	-5.4
12	32.87	7.19	0	SLE RA 89	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE RA 90	6	9	236.74	-66.15	106.3541	-5.4
12	32.87	7.19	0	SLE FR 1	6	9	236.74	-66.15	106.3553	-5.4
12	32.87	7.19	0	SLE FR 2	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE FR 3	6	9	236.74	-66.15	106.3542	-5.4
12	32.87	7.19	0	SLE FR 4	6	9	236.74	-66.15	106.3546	-5.4
12	32.87	7.19	0	SLE FR 5	6	9	236.74	-66.15	106.3547	-5.4
12	32.87	7.19	0	SLE FR 6	6	9	236.74	-66.15	106.3549	-5.4
12	32.87	7.19	0	SLE FR 7	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE FR 8	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLE QP 1	6	9	236.74	-66.15	106.3548	-5.4
12	32.87	7.19	0	SLO 1	77.68	30.5	236.74	-231.994	659.2203	-5.4
12	32.87	7.19	0	SLO 2	77.68	30.5	236.74	-231.994	659.2244	-5.4
12	32.87	7.19	0	SLO 3	77.67	-12.5	236.74	99.7009	659.2068	-5.4
12	32.87	7.19	0	SLO 4	77.67	-12.5	236.74	99.7009	659.2109	-5.4
12	32.87	7.19	0	SLO 5	27.51	80.66	236.74	-618.9739	272.2339	-5.4
12	32.87	7.19	0	SLO 6	27.51	80.66	236.74	-618.9739	272.2371	-5.4
12	32.87	7.19	0	SLO 7	27.5	-62.66	236.74	486.6759	272.1889	-5.4
12	32.87	7.19	0	SLO 8	27.5	-62.66	236.74	486.6759	272.1922	-5.4
12	32.87	7.19	0	SLO 9	-15.5	80.66	236.74	-618.9759	-59.4826	-5.4
12	32.87	7.19	0	SLO 10	-15.5	80.66	236.74	-618.9759	-59.4794	-5.4
12	32.87	7.19	0	SLO 11	-15.51	-62.66	236.74	486.6739	-59.5276	-5.4
12	32.87	7.19	0	SLO 12	-15.51	-62.66	236.74	486.6739	-59.5243	-5.4
12	32.87	7.19	0	SLO 13	-65.67	30.5	236.74	-232.0009	-446.5014	-5.4
12	32.87	7.19	0	SLO 14	-65.67	30.5	236.74	-232.0009	-446.4973	-5.4
12	32.87	7.19	0	SLO 15	-65.68	-12.5	236.74	99.694	-446.5149	-5.4
12	32.87	7.19	0	SLO 16	-65.68	-12.5	236.74	99.694	-446.5108	-5.4
12	32.87	7.19	0	SLD 1	71.9	28.77	236.74	-218.626	614.656	-5.4
12	32.87	7.19	0	SLD 2	71.9	28.77	236.74	-218.626	614.6596	-5.4
12	32.87	7.19	0	SLD 3	71.9	-10.77	236.74	86.3323	614.6436	-5.4
12	32.87	7.19	0	SLD 4	71.9	-10.77	236.74	86.3323	614.6472	-5.4
12	32.87	7.19	0	SLD 5	25.77	74.89	236.74	-574.4129	258.863	-5.4
12	32.87	7.19	0	SLD 6	25.77	74.89	236.74	-574.4129	258.8659	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
12	32.87	7.19	0	SLD 7	25.77	-56.89	236.74	442.1147	258.8217	-5.4
12	32.87	7.19	0	SLD 8	25.77	-56.89	236.74	442.1147	258.8246	-5.4
12	32.87	7.19	0	SLD 9	-13.77	74.89	236.74	-574.4147	-46.1151	-5.4
12	32.87	7.19	0	SLD 10	-13.77	74.89	236.74	-574.4147	-46.1122	-5.4
12	32.87	7.19	0	SLD 11	-13.77	-56.89	236.74	442.1129	-46.1564	-5.4
12	32.87	7.19	0	SLD 12	-13.77	-56.89	236.74	442.1129	-46.1535	-5.4
12	32.87	7.19	0	SLD 13	-59.9	28.77	236.74	-218.6323	-401.9377	-5.4
12	32.87	7.19	0	SLD 14	-59.9	28.77	236.74	-218.6323	-401.9341	-5.4
12	32.87	7.19	0	SLD 15	-59.9	-10.77	236.74	86.326	-401.9501	-5.4
12	32.87	7.19	0	SLD 16	-59.9	-10.77	236.74	86.326	-401.9465	-5.4
12	32.87	7.19	0	SLV FO 1	79.6	31.08	236.74	-236.4476	674.0668	-5.4
12	32.87	7.19	0	SLV FO 2	79.6	31.08	236.74	-236.4476	674.071	-5.4
12	32.87	7.19	0	SLV FO 3	79.6	-13.08	236.74	104.1546	674.053	-5.4
12	32.87	7.19	0	SLV FO 4	79.6	-13.08	236.74	104.1546	674.0572	-5.4
12	32.87	7.19	0	SLV FO 5	28.08	82.59	236.74	-633.8192	276.6883	-5.4
12	32.87	7.19	0	SLV FO 6	28.08	82.59	236.74	-633.8192	276.6917	-5.4
12	32.87	7.19	0	SLV FO 7	28.08	-64.59	236.74	501.5213	276.6422	-5.4
12	32.87	7.19	0	SLV FO 8	28.08	-64.59	236.74	501.5213	276.6455	-5.4
12	32.87	7.19	0	SLV FO 9	-16.08	82.59	236.74	-633.8213	-63.936	-5.4
12	32.87	7.19	0	SLV FO 10	-16.08	82.59	236.74	-633.8213	-63.9327	-5.4
12	32.87	7.19	0	SLV FO 11	-16.08	-64.59	236.74	501.5192	-63.9822	-5.4
12	32.87	7.19	0	SLV FO 12	-16.08	-64.59	236.74	501.5192	-63.9788	-5.4
12	32.87	7.19	0	SLV FO 13	-67.6	31.08	236.74	-236.4546	-461.3477	-5.4
12	32.87	7.19	0	SLV FO 14	-67.6	31.08	236.74	-236.4546	-461.3435	-5.4
12	32.87	7.19	0	SLV FO 15	-67.6	-13.08	236.74	104.1476	-461.3615	-5.4
12	32.87	7.19	0	SLV FO 16	-67.6	-13.08	236.74	104.1476	-461.3573	-5.4
13	32.87	13.84	0	SLU 1	9	13.5	326.64	-99.225	158.4071	-8.1
13	32.87	13.84	0	SLU 2	9	13.5	326.64	-99.225	158.4055	-8.1
13	32.87	13.84	0	SLU 3	9	13.5	326.64	-99.225	158.4039	-8.1
13	32.87	13.84	0	SLU 4	9	13.5	326.64	-99.225	158.4029	-8.1
13	32.87	13.84	0	SLU 5	9	13.5	326.64	-99.225	158.3997	-8.1
13	32.87	13.84	0	SLU 6	9	13.5	326.64	-99.225	158.3995	-8.1
13	32.87	13.84	0	SLU 7	9	13.5	326.64	-99.225	158.3985	-8.1
13	32.87	13.84	0	SLU 8	9	13.5	326.64	-99.225	158.3976	-8.1
13	32.87	13.84	0	SLU 9	9	13.5	326.64	-99.225	158.4072	-8.1
13	32.87	13.84	0	SLU 10	9	13.5	326.64	-99.225	158.4041	-8.1
13	32.87	13.84	0	SLU 11	9	13.5	326.64	-99.225	158.4066	-8.1
13	32.87	13.84	0	SLU 12	9	13.5	326.64	-99.225	158.4057	-8.1
13	32.87	13.84	0	SLU 13	9	13.5	326.64	-99.225	158.4048	-8.1
13	32.87	13.84	0	SLU 14	9	13.5	326.64	-99.225	158.4103	-8.1
13	32.87	13.84	0	SLU 15	9	13.5	326.64	-99.225	158.4071	-8.1
13	32.87	13.84	0	SLU 16	9	13.5	326.64	-99.225	158.4118	-8.1
13	32.87	13.84	0	SLU 17	9	13.5	326.64	-99.225	158.4108	-8.1
13	32.87	13.84	0	SLU 18	9	13.5	326.64	-99.225	158.4099	-8.1
13	32.87	13.84	0	SLU 19	9	13.5	326.64	-99.225	158.407	-8.1
13	32.87	13.84	0	SLU 20	9	13.5	326.64	-99.225	158.4038	-8.1
13	32.87	13.84	0	SLU 21	9	13.5	326.64	-99.225	158.4063	-8.1
13	32.87	13.84	0	SLU 22	9	13.5	326.64	-99.225	158.4053	-8.1
13	32.87	13.84	0	SLU 23	9	13.5	326.64	-99.225	158.4044	-8.1
13	32.87	13.84	0	SLU 24	9	13.5	326.64	-99.225	158.4065	-8.1
13	32.87	13.84	0	SLU 25	9	13.5	326.64	-99.225	158.4055	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
13	32.87	13.84	0	SLU 26	9	13.5	326.64	-99.225	158.4046	-8.1
13	32.87	13.84	0	SLU 27	9	13.5	326.64	-99.225	158.4023	-8.1
13	32.87	13.84	0	SLU 28	9	13.5	326.64	-99.225	158.4013	-8.1
13	32.87	13.84	0	SLU 29	9	13.5	326.64	-99.225	158.4004	-8.1
13	32.87	13.84	0	SLU 30	9	13.5	326.64	-99.225	158.4066	-8.1
13	32.87	13.84	0	SLU 31	9	13.5	326.64	-99.225	158.4056	-8.1
13	32.87	13.84	0	SLU 32	9	13.5	326.64	-99.225	158.4047	-8.1
13	32.87	13.84	0	SLU 33	9	13.5	326.64	-99.225	158.4096	-8.1
13	32.87	13.84	0	SLU 34	9	13.5	326.64	-99.225	158.4087	-8.1
13	32.87	13.84	0	SLU 35	9	13.5	326.64	-99.225	158.4077	-8.1
13	32.87	13.84	0	SLU 36	9	13.5	326.64	-99.225	158.4064	-8.1
13	32.87	13.84	0	SLU 37	9	13.5	326.64	-99.225	158.4054	-8.1
13	32.87	13.84	0	SLU 38	9	13.5	326.64	-99.225	158.4045	-8.1
13	32.87	13.84	0	SLU 39	9	13.5	326.64	-99.225	158.4071	-8.1
13	32.87	13.84	0	SLU 40	9	13.5	326.64	-99.225	158.4039	-8.1
13	32.87	13.84	0	SLU 41	9	13.5	326.64	-99.225	158.4029	-8.1
13	32.87	13.84	0	SLU 42	9	13.5	326.64	-99.225	158.3997	-8.1
13	32.87	13.84	0	SLU 43	9	13.5	326.64	-99.225	158.3995	-8.1
13	32.87	13.84	0	SLU 44	9	13.5	326.64	-99.225	158.3985	-8.1
13	32.87	13.84	0	SLU 45	9	13.5	326.64	-99.225	158.3976	-8.1
13	32.87	13.84	0	SLU 46	9	13.5	326.64	-99.225	158.4072	-8.1
13	32.87	13.84	0	SLU 47	9	13.5	326.64	-99.225	158.4041	-8.1
13	32.87	13.84	0	SLU 48	9	13.5	326.64	-99.225	158.4066	-8.1
13	32.87	13.84	0	SLU 49	9	13.5	326.64	-99.225	158.4057	-8.1
13	32.87	13.84	0	SLU 50	9	13.5	326.64	-99.225	158.4048	-8.1
13	32.87	13.84	0	SLU 51	9	13.5	326.64	-99.225	158.4103	-8.1
13	32.87	13.84	0	SLU 52	9	13.5	326.64	-99.225	158.4071	-8.1
13	32.87	13.84	0	SLU 53	9	13.5	326.64	-99.225	158.4118	-8.1
13	32.87	13.84	0	SLU 54	9	13.5	326.64	-99.225	158.4108	-8.1
13	32.87	13.84	0	SLU 55	9	13.5	326.64	-99.225	158.4099	-8.1
13	32.87	13.84	0	SLU 56	9	13.5	326.64	-99.225	158.407	-8.1
13	32.87	13.84	0	SLU 57	9	13.5	326.64	-99.225	158.4038	-8.1
13	32.87	13.84	0	SLU 58	9	13.5	326.64	-99.225	158.4063	-8.1
13	32.87	13.84	0	SLU 59	9	13.5	326.64	-99.225	158.4053	-8.1
13	32.87	13.84	0	SLU 60	9	13.5	326.64	-99.225	158.4044	-8.1
13	32.87	13.84	0	SLU 61	9	13.5	326.64	-99.225	158.4065	-8.1
13	32.87	13.84	0	SLU 62	9	13.5	326.64	-99.225	158.4055	-8.1
13	32.87	13.84	0	SLU 63	9	13.5	326.64	-99.225	158.4046	-8.1
13	32.87	13.84	0	SLU 64	9	13.5	326.64	-99.225	158.4023	-8.1
13	32.87	13.84	0	SLU 65	9	13.5	326.64	-99.225	158.4013	-8.1
13	32.87	13.84	0	SLU 66	9	13.5	326.64	-99.225	158.4004	-8.1
13	32.87	13.84	0	SLU 67	9	13.5	326.64	-99.225	158.4066	-8.1
13	32.87	13.84	0	SLU 68	9	13.5	326.64	-99.225	158.4056	-8.1
13	32.87	13.84	0	SLU 69	9	13.5	326.64	-99.225	158.4047	-8.1
13	32.87	13.84	0	SLU 70	9	13.5	326.64	-99.225	158.4096	-8.1
13	32.87	13.84	0	SLU 71	9	13.5	326.64	-99.225	158.4087	-8.1
13	32.87	13.84	0	SLU 72	9	13.5	326.64	-99.225	158.4077	-8.1
13	32.87	13.84	0	SLU 73	9	13.5	326.64	-99.225	158.4064	-8.1
13	32.87	13.84	0	SLU 74	9	13.5	326.64	-99.225	158.4054	-8.1
13	32.87	13.84	0	SLU 75	9	13.5	326.64	-99.225	158.4045	-8.1
13	32.87	13.84	0	SLU 76	9	13.5	326.64	-99.225	158.4065	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
13	32.87	13.84	0	SLU 77	9	13.5	326.64	-99.225	158.4055	-8.1
13	32.87	13.84	0	SLU 78	9	13.5	326.64	-99.225	158.4046	-8.1
13	32.87	13.84	0	SLU 79	9	13.5	326.64	-99.225	158.4023	-8.1
13	32.87	13.84	0	SLU 80	9	13.5	326.64	-99.225	158.4013	-8.1
13	32.87	13.84	0	SLU 81	9	13.5	326.64	-99.225	158.4004	-8.1
13	32.87	13.84	0	SLU 82	9	13.5	326.64	-99.225	158.4066	-8.1
13	32.87	13.84	0	SLU 83	9	13.5	326.64	-99.225	158.4056	-8.1
13	32.87	13.84	0	SLU 84	9	13.5	326.64	-99.225	158.4047	-8.1
13	32.87	13.84	0	SLU 85	9	13.5	326.64	-99.225	158.4096	-8.1
13	32.87	13.84	0	SLU 86	9	13.5	326.64	-99.225	158.4087	-8.1
13	32.87	13.84	0	SLU 87	9	13.5	326.64	-99.225	158.4077	-8.1
13	32.87	13.84	0	SLU 88	9	13.5	326.64	-99.225	158.4064	-8.1
13	32.87	13.84	0	SLU 89	9	13.5	326.64	-99.225	158.4054	-8.1
13	32.87	13.84	0	SLU 90	9	13.5	326.64	-99.225	158.4045	-8.1
13	32.87	13.84	0	SLE RA 1	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 2	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE RA 3	6	9	236.34	-66.15	106.1117	-5.4
13	32.87	13.84	0	SLE RA 4	6	9	236.34	-66.15	106.111	-5.4
13	32.87	13.84	0	SLE RA 5	6	9	236.34	-66.15	106.1089	-5.4
13	32.87	13.84	0	SLE RA 6	6	9	236.34	-66.15	106.1087	-5.4
13	32.87	13.84	0	SLE RA 7	6	9	236.34	-66.15	106.108	-5.4
13	32.87	13.84	0	SLE RA 8	6	9	236.34	-66.15	106.1074	-5.4
13	32.87	13.84	0	SLE RA 9	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 10	6	9	236.34	-66.15	106.1117	-5.4
13	32.87	13.84	0	SLE RA 11	6	9	236.34	-66.15	106.1135	-5.4
13	32.87	13.84	0	SLE RA 12	6	9	236.34	-66.15	106.1128	-5.4
13	32.87	13.84	0	SLE RA 13	6	9	236.34	-66.15	106.1122	-5.4
13	32.87	13.84	0	SLE RA 14	6	9	236.34	-66.15	106.1159	-5.4
13	32.87	13.84	0	SLE RA 15	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 16	6	9	236.34	-66.15	106.1169	-5.4
13	32.87	13.84	0	SLE RA 17	6	9	236.34	-66.15	106.1162	-5.4
13	32.87	13.84	0	SLE RA 18	6	9	236.34	-66.15	106.1156	-5.4
13	32.87	13.84	0	SLE RA 19	6	9	236.34	-66.15	106.1137	-5.4
13	32.87	13.84	0	SLE RA 20	6	9	236.34	-66.15	106.1116	-5.4
13	32.87	13.84	0	SLE RA 21	6	9	236.34	-66.15	106.1132	-5.4
13	32.87	13.84	0	SLE RA 22	6	9	236.34	-66.15	106.1126	-5.4
13	32.87	13.84	0	SLE RA 23	6	9	236.34	-66.15	106.112	-5.4
13	32.87	13.84	0	SLE RA 24	6	9	236.34	-66.15	106.1133	-5.4
13	32.87	13.84	0	SLE RA 25	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE RA 26	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 27	6	9	236.34	-66.15	106.1105	-5.4
13	32.87	13.84	0	SLE RA 28	6	9	236.34	-66.15	106.1099	-5.4
13	32.87	13.84	0	SLE RA 29	6	9	236.34	-66.15	106.1093	-5.4
13	32.87	13.84	0	SLE RA 30	6	9	236.34	-66.15	106.1134	-5.4
13	32.87	13.84	0	SLE RA 31	6	9	236.34	-66.15	106.1128	-5.4
13	32.87	13.84	0	SLE RA 32	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 33	6	9	236.34	-66.15	106.1155	-5.4
13	32.87	13.84	0	SLE RA 34	6	9	236.34	-66.15	106.1148	-5.4
13	32.87	13.84	0	SLE RA 35	6	9	236.34	-66.15	106.1142	-5.4
13	32.87	13.84	0	SLE RA 36	6	9	236.34	-66.15	106.1133	-5.4
13	32.87	13.84	0	SLE RA 37	6	9	236.34	-66.15	106.1126	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
13	32.87	13.84	0	SLE RA 38	6	9	236.34	-66.15	106.112	-5.4
13	32.87	13.84	0	SLE RA 39	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 40	6	9	236.34	-66.15	106.1117	-5.4
13	32.87	13.84	0	SLE RA 41	6	9	236.34	-66.15	106.111	-5.4
13	32.87	13.84	0	SLE RA 42	6	9	236.34	-66.15	106.1089	-5.4
13	32.87	13.84	0	SLE RA 43	6	9	236.34	-66.15	106.1087	-5.4
13	32.87	13.84	0	SLE RA 44	6	9	236.34	-66.15	106.108	-5.4
13	32.87	13.84	0	SLE RA 45	6	9	236.34	-66.15	106.1074	-5.4
13	32.87	13.84	0	SLE RA 46	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 47	6	9	236.34	-66.15	106.1117	-5.4
13	32.87	13.84	0	SLE RA 48	6	9	236.34	-66.15	106.1135	-5.4
13	32.87	13.84	0	SLE RA 49	6	9	236.34	-66.15	106.1128	-5.4
13	32.87	13.84	0	SLE RA 50	6	9	236.34	-66.15	106.1122	-5.4
13	32.87	13.84	0	SLE RA 51	6	9	236.34	-66.15	106.1159	-5.4
13	32.87	13.84	0	SLE RA 52	6	9	236.34	-66.15	106.1138	-5.4
13	32.87	13.84	0	SLE RA 53	6	9	236.34	-66.15	106.1169	-5.4
13	32.87	13.84	0	SLE RA 54	6	9	236.34	-66.15	106.1162	-5.4
13	32.87	13.84	0	SLE RA 55	6	9	236.34	-66.15	106.1156	-5.4
13	32.87	13.84	0	SLE RA 56	6	9	236.34	-66.15	106.1137	-5.4
13	32.87	13.84	0	SLE RA 57	6	9	236.34	-66.15	106.1116	-5.4
13	32.87	13.84	0	SLE RA 58	6	9	236.34	-66.15	106.1132	-5.4
13	32.87	13.84	0	SLE RA 59	6	9	236.34	-66.15	106.1126	-5.4
13	32.87	13.84	0	SLE RA 60	6	9	236.34	-66.15	106.112	-5.4
13	32.87	13.84	0	SLE RA 61	6	9	236.34	-66.15	106.1133	-5.4
13	32.87	13.84	0	SLE RA 62	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE RA 63	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 64	6	9	236.34	-66.15	106.1105	-5.4
13	32.87	13.84	0	SLE RA 65	6	9	236.34	-66.15	106.1099	-5.4
13	32.87	13.84	0	SLE RA 66	6	9	236.34	-66.15	106.1093	-5.4
13	32.87	13.84	0	SLE RA 67	6	9	236.34	-66.15	106.1134	-5.4
13	32.87	13.84	0	SLE RA 68	6	9	236.34	-66.15	106.1128	-5.4
13	32.87	13.84	0	SLE RA 69	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 70	6	9	236.34	-66.15	106.1155	-5.4
13	32.87	13.84	0	SLE RA 71	6	9	236.34	-66.15	106.1148	-5.4
13	32.87	13.84	0	SLE RA 72	6	9	236.34	-66.15	106.1142	-5.4
13	32.87	13.84	0	SLE RA 73	6	9	236.34	-66.15	106.1133	-5.4
13	32.87	13.84	0	SLE RA 74	6	9	236.34	-66.15	106.1126	-5.4
13	32.87	13.84	0	SLE RA 75	6	9	236.34	-66.15	106.112	-5.4
13	32.87	13.84	0	SLE RA 76	6	9	236.34	-66.15	106.1133	-5.4
13	32.87	13.84	0	SLE RA 77	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE RA 78	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 79	6	9	236.34	-66.15	106.1105	-5.4
13	32.87	13.84	0	SLE RA 80	6	9	236.34	-66.15	106.1099	-5.4
13	32.87	13.84	0	SLE RA 81	6	9	236.34	-66.15	106.1093	-5.4
13	32.87	13.84	0	SLE RA 82	6	9	236.34	-66.15	106.1134	-5.4
13	32.87	13.84	0	SLE RA 83	6	9	236.34	-66.15	106.1128	-5.4
13	32.87	13.84	0	SLE RA 84	6	9	236.34	-66.15	106.1121	-5.4
13	32.87	13.84	0	SLE RA 85	6	9	236.34	-66.15	106.1155	-5.4
13	32.87	13.84	0	SLE RA 86	6	9	236.34	-66.15	106.1148	-5.4
13	32.87	13.84	0	SLE RA 87	6	9	236.34	-66.15	106.1142	-5.4
13	32.87	13.84	0	SLE RA 88	6	9	236.34	-66.15	106.1133	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
13	32.87	13.84	0	SLE RA 89	6	9	236.34	-66.15	106.1126	-5.4
13	32.87	13.84	0	SLE RA 90	6	9	236.34	-66.15	106.112	-5.4
13	32.87	13.84	0	SLE FR 1	6	9	236.34	-66.15	106.1132	-5.4
13	32.87	13.84	0	SLE FR 2	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE FR 3	6	9	236.34	-66.15	106.1122	-5.4
13	32.87	13.84	0	SLE FR 4	6	9	236.34	-66.15	106.1118	-5.4
13	32.87	13.84	0	SLE FR 5	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE FR 6	6	9	236.34	-66.15	106.1134	-5.4
13	32.87	13.84	0	SLE FR 7	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE FR 8	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLE QP 1	6	9	236.34	-66.15	106.1127	-5.4
13	32.87	13.84	0	SLO 1	77.49	30.45	236.34	-231.6054	657.5944	-5.4
13	32.87	13.84	0	SLO 2	77.49	30.45	236.34	-231.6054	657.5874	-5.4
13	32.87	13.84	0	SLO 3	77.49	-12.45	236.34	99.3151	657.6208	-5.4
13	32.87	13.84	0	SLO 4	77.49	-12.45	236.34	99.3151	657.6139	-5.4
13	32.87	13.84	0	SLO 5	27.45	80.49	236.34	-617.6828	271.5188	-5.4
13	32.87	13.84	0	SLO 6	27.45	80.49	236.34	-617.6828	271.5133	-5.4
13	32.87	13.84	0	SLO 7	27.44	-62.49	236.34	485.3857	271.6069	-5.4
13	32.87	13.84	0	SLO 8	27.44	-62.49	236.34	485.3857	271.6014	-5.4
13	32.87	13.84	0	SLO 9	-15.44	80.49	236.34	-617.6857	-59.376	-5.4
13	32.87	13.84	0	SLO 10	-15.44	80.49	236.34	-617.6857	-59.3815	-5.4
13	32.87	13.84	0	SLO 11	-15.45	-62.49	236.34	485.3828	-59.2879	-5.4
13	32.87	13.84	0	SLO 12	-15.45	-62.49	236.34	485.3828	-59.2934	-5.4
13	32.87	13.84	0	SLO 13	-65.49	30.45	236.34	-231.6151	-445.3884	-5.4
13	32.87	13.84	0	SLO 14	-65.49	30.45	236.34	-231.6151	-445.3954	-5.4
13	32.87	13.84	0	SLO 15	-65.49	-12.45	236.34	99.3054	-445.362	-5.4
13	32.87	13.84	0	SLO 16	-65.49	-12.45	236.34	99.3054	-445.3689	-5.4
13	32.87	13.84	0	SLD 1	71.73	28.72	236.34	-218.2687	613.1414	-5.4
13	32.87	13.84	0	SLD 2	71.73	28.72	236.34	-218.2687	613.1353	-5.4
13	32.87	13.84	0	SLD 3	71.73	-10.72	236.34	85.9776	613.1656	-5.4
13	32.87	13.84	0	SLD 4	71.73	-10.72	236.34	85.9776	613.1595	-5.4
13	32.87	13.84	0	SLD 5	25.72	74.73	236.34	-573.2259	258.1861	-5.4
13	32.87	13.84	0	SLD 6	25.72	74.73	236.34	-573.2259	258.1812	-5.4
13	32.87	13.84	0	SLD 7	25.71	-56.73	236.34	440.9285	258.2669	-5.4
13	32.87	13.84	0	SLD 8	25.71	-56.73	236.34	440.9285	258.262	-5.4
13	32.87	13.84	0	SLD 9	-13.71	74.73	236.34	-573.2285	-46.0365	-5.4
13	32.87	13.84	0	SLD 10	-13.71	74.73	236.34	-573.2285	-46.0415	-5.4
13	32.87	13.84	0	SLD 11	-13.72	-56.73	236.34	440.9259	-45.9558	-5.4
13	32.87	13.84	0	SLD 12	-13.72	-56.73	236.34	440.9259	-45.9607	-5.4
13	32.87	13.84	0	SLD 13	-59.73	28.72	236.34	-218.2776	-400.9341	-5.4
13	32.87	13.84	0	SLD 14	-59.73	28.72	236.34	-218.2776	-400.9402	-5.4
13	32.87	13.84	0	SLD 15	-59.73	-10.72	236.34	85.9687	-400.9099	-5.4
13	32.87	13.84	0	SLD 16	-59.73	-10.72	236.34	85.9687	-400.916	-5.4
13	32.87	13.84	0	SLV FO 1	79.41	31.02	236.34	-236.0485	672.4037	-5.4
13	32.87	13.84	0	SLV FO 2	79.41	31.02	236.34	-236.0485	672.3966	-5.4
13	32.87	13.84	0	SLV FO 3	79.41	-13.02	236.34	103.7585	672.4308	-5.4
13	32.87	13.84	0	SLV FO 4	79.41	-13.02	236.34	103.7585	672.4238	-5.4
13	32.87	13.84	0	SLV FO 5	28.03	82.41	236.34	-632.4936	275.9606	-5.4
13	32.87	13.84	0	SLV FO 6	28.03	82.41	236.34	-632.4936	275.955	-5.4
13	32.87	13.84	0	SLV FO 7	28.02	-64.41	236.34	500.1966	276.051	-5.4
13	32.87	13.84	0	SLV FO 8	28.02	-64.41	236.34	500.1966	276.0454	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
13	32.87	13.84	0	SLV FO 9	-16.02	82.41	236.34	-632.4966	-63.82	-5.4
13	32.87	13.84	0	SLV FO 10	-16.02	82.41	236.34	-632.4966	-63.8256	-5.4
13	32.87	13.84	0	SLV FO 11	-16.03	-64.41	236.34	500.1936	-63.7296	-5.4
13	32.87	13.84	0	SLV FO 12	-16.03	-64.41	236.34	500.1936	-63.7352	-5.4
13	32.87	13.84	0	SLV FO 13	-67.41	31.02	236.34	-236.0585	-460.1983	-5.4
13	32.87	13.84	0	SLV FO 14	-67.41	31.02	236.34	-236.0585	-460.2054	-5.4
13	32.87	13.84	0	SLV FO 15	-67.41	-13.02	236.34	103.7485	-460.1712	-5.4
13	32.87	13.84	0	SLV FO 16	-67.41	-13.02	236.34	103.7485	-460.1783	-5.4
14	34.42	20.21	0	SLU 1	-16.99	13.9	442.96	-117.4946	-143.5467	0
14	34.42	20.21	0	SLU 2	0	0	442.96	0	0	0
14	34.42	20.21	0	SLU 3	16.99	-13.9	442.96	117.4946	143.5467	0
14	34.42	20.21	0	SLU 4	-27.81	13.93	442.96	-117.6931	-235.0211	0
14	34.42	20.21	0	SLU 5	6.16	-13.88	442.96	117.296	52.0722	0
14	34.42	20.21	0	SLU 6	-28.23	8.38	442.96	-70.8277	-238.5855	0
14	34.42	20.21	0	SLU 7	-18.04	0.04	442.96	-0.331	-152.4575	0
14	34.42	20.21	0	SLU 8	-7.85	-8.3	442.96	70.1658	-66.3295	0
14	34.42	20.21	0	SLU 9	-17.07	39.56	442.96	-334.2718	-144.2069	0
14	34.42	20.21	0	SLU 10	16.91	11.75	442.96	-99.2827	142.8865	0
14	34.42	20.21	0	SLU 11	-10.32	51.1	442.96	-431.7922	-87.2284	0
14	34.42	20.21	0	SLU 12	-0.13	42.76	442.96	-361.2954	-1.1004	0
14	34.42	20.21	0	SLU 13	10.06	34.41	442.96	-290.7987	85.0276	0
14	34.42	20.21	0	SLU 14	-2.65	13.87	442.96	-117.2316	-22.4234	0
14	34.42	20.21	0	SLU 15	31.32	-13.94	442.96	117.7575	264.6699	0
14	34.42	20.21	0	SLU 16	13.7	8.29	442.96	-70.0585	115.7441	0
14	34.42	20.21	0	SLU 17	23.89	-0.05	442.96	0.4383	201.8721	0
14	34.42	20.21	0	SLU 18	34.08	-8.39	442.96	70.935	288.0001	0
14	34.42	20.21	0	SLU 19	-16.91	-11.72	442.96	99.0677	-142.8873	0
14	34.42	20.21	0	SLU 20	17.07	-39.53	442.96	334.0568	144.206	0
14	34.42	20.21	0	SLU 21	-10.06	-34.37	442.96	290.4403	-85.029	0
14	34.42	20.21	0	SLU 22	0.13	-42.71	442.96	360.9371	1.099	0
14	34.42	20.21	0	SLU 23	10.32	-51.06	442.96	431.4338	87.227	0
14	34.42	20.21	0	SLU 24	-10.19	8.34	473.61	-70.4967	-86.128	0
14	34.42	20.21	0	SLU 25	0	0	473.61	0	0	0
14	34.42	20.21	0	SLU 26	10.19	-8.34	473.61	70.4967	86.128	0
14	34.42	20.21	0	SLU 27	-21.02	8.37	473.61	-70.6953	-177.6025	0
14	34.42	20.21	0	SLU 28	-10.83	0.02	473.61	-0.1986	-91.4745	0
14	34.42	20.21	0	SLU 29	-0.63	-8.32	473.61	70.2981	-5.3465	0
14	34.42	20.21	0	SLU 30	-10.27	34	473.61	-287.274	-86.7882	0
14	34.42	20.21	0	SLU 31	-0.08	25.65	473.61	-216.7773	-0.6602	0
14	34.42	20.21	0	SLU 32	10.11	17.31	473.61	-146.2805	85.4678	0
14	34.42	20.21	0	SLU 33	4.14	8.31	473.61	-70.2338	34.9952	0
14	34.42	20.21	0	SLU 34	14.33	-0.03	473.61	0.263	121.1232	0
14	34.42	20.21	0	SLU 35	24.53	-8.37	473.61	70.7597	207.2512	0
14	34.42	20.21	0	SLU 36	-10.11	-17.29	473.61	146.0655	-85.4686	0
14	34.42	20.21	0	SLU 37	0.08	-25.63	473.61	216.5622	0.6594	0
14	34.42	20.21	0	SLU 38	10.27	-33.97	473.61	287.059	86.7874	0
14	34.42	20.21	0	SLU 39	-16.99	13.9	469.32	-117.4946	-143.5467	0
14	34.42	20.21	0	SLU 40	16.99	-13.9	469.32	117.4946	143.5467	0
14	34.42	20.21	0	SLU 41	-27.81	13.93	469.32	-117.6931	-235.0211	0
14	34.42	20.21	0	SLU 42	6.16	-13.88	469.32	117.296	52.0722	0
14	34.42	20.21	0	SLU 43	-28.23	8.38	469.32	-70.8277	-238.5855	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
14	34.42	20.21	0	SLU 44	-18.04	0.04	469.32	-0.331	-152.4575	0
14	34.42	20.21	0	SLU 45	-7.85	-8.3	469.32	70.1658	-66.3295	0
14	34.42	20.21	0	SLU 46	-17.07	39.56	469.32	-334.2718	-144.2069	0
14	34.42	20.21	0	SLU 47	16.91	11.75	469.32	-99.2827	142.8865	0
14	34.42	20.21	0	SLU 48	-10.32	51.1	469.32	-431.7922	-87.2284	0
14	34.42	20.21	0	SLU 49	-0.13	42.76	469.32	-361.2954	-1.1004	0
14	34.42	20.21	0	SLU 50	10.06	34.41	469.32	-290.7987	85.0276	0
14	34.42	20.21	0	SLU 51	-2.65	13.87	469.32	-117.2316	-22.4234	0
14	34.42	20.21	0	SLU 52	31.32	-13.94	469.32	117.7575	264.6699	0
14	34.42	20.21	0	SLU 53	13.7	8.29	469.32	-70.0585	115.7441	0
14	34.42	20.21	0	SLU 54	23.89	-0.05	469.32	0.4383	201.8721	0
14	34.42	20.21	0	SLU 55	34.08	-8.39	469.32	70.935	288.0001	0
14	34.42	20.21	0	SLU 56	-16.91	-11.72	469.32	99.0677	-142.8873	0
14	34.42	20.21	0	SLU 57	17.07	-39.53	469.32	334.0568	144.206	0
14	34.42	20.21	0	SLU 58	-10.06	-34.37	469.32	290.4403	-85.029	0
14	34.42	20.21	0	SLU 59	0.13	-42.71	469.32	360.9371	1.099	0
14	34.42	20.21	0	SLU 60	10.32	-51.06	469.32	431.4338	87.227	0
14	34.42	20.21	0	SLU 61	-10.19	8.34	499.98	-70.4967	-86.128	0
14	34.42	20.21	0	SLU 62	0	0	499.98	0	0	0
14	34.42	20.21	0	SLU 63	10.19	-8.34	499.98	70.4967	86.128	0
14	34.42	20.21	0	SLU 64	-21.02	8.37	499.98	-70.6953	-177.6025	0
14	34.42	20.21	0	SLU 65	-10.83	0.02	499.98	-0.1986	-91.4745	0
14	34.42	20.21	0	SLU 66	-0.63	-8.32	499.98	70.2981	-5.3465	0
14	34.42	20.21	0	SLU 67	-10.27	34	499.98	-287.274	-86.7882	0
14	34.42	20.21	0	SLU 68	-0.08	25.65	499.98	-216.7773	-0.6602	0
14	34.42	20.21	0	SLU 69	10.11	17.31	499.98	-146.2805	85.4678	0
14	34.42	20.21	0	SLU 70	4.14	8.31	499.98	-70.2338	34.9952	0
14	34.42	20.21	0	SLU 71	14.33	-0.03	499.98	0.263	121.1232	0
14	34.42	20.21	0	SLU 72	24.53	-8.37	499.98	70.7597	207.2512	0
14	34.42	20.21	0	SLU 73	-10.11	-17.29	499.98	146.0655	-85.4686	0
14	34.42	20.21	0	SLU 74	0.08	-25.63	499.98	216.5622	0.6594	0
14	34.42	20.21	0	SLU 75	10.27	-33.97	499.98	287.059	86.7874	0
14	34.42	20.21	0	SLU 76	-10.19	8.34	495.69	-70.4967	-86.128	0
14	34.42	20.21	0	SLU 77	0	0	495.69	0	0	0
14	34.42	20.21	0	SLU 78	10.19	-8.34	495.69	70.4967	86.128	0
14	34.42	20.21	0	SLU 79	-21.02	8.37	495.69	-70.6953	-177.6025	0
14	34.42	20.21	0	SLU 80	-10.83	0.02	495.69	-0.1986	-91.4745	0
14	34.42	20.21	0	SLU 81	-0.63	-8.32	495.69	70.2981	-5.3465	0
14	34.42	20.21	0	SLU 82	-10.27	34	495.69	-287.274	-86.7882	0
14	34.42	20.21	0	SLU 83	-0.08	25.65	495.69	-216.7773	-0.6602	0
14	34.42	20.21	0	SLU 84	10.11	17.31	495.69	-146.2805	85.4678	0
14	34.42	20.21	0	SLU 85	4.14	8.31	495.69	-70.2338	34.9952	0
14	34.42	20.21	0	SLU 86	14.33	-0.03	495.69	0.263	121.1232	0
14	34.42	20.21	0	SLU 87	24.53	-8.37	495.69	70.7597	207.2512	0
14	34.42	20.21	0	SLU 88	-10.11	-17.29	495.69	146.0655	-85.4686	0
14	34.42	20.21	0	SLU 89	0.08	-25.63	495.69	216.5622	0.6594	0
14	34.42	20.21	0	SLU 90	10.27	-33.97	495.69	287.059	86.7874	0
14	34.42	20.21	0	SLE RA 1	-11.33	9.27	338.22	-78.3297	-95.6978	0
14	34.42	20.21	0	SLE RA 2	0	0	338.22	0	0	0
14	34.42	20.21	0	SLE RA 3	11.33	-9.27	338.22	78.3297	95.6978	0
14	34.42	20.21	0	SLE RA 4	-18.54	9.29	338.22	-78.4621	-156.6808	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
14	34.42	20.21	0	SLE RA 5	4.11	-9.25	338.22	78.1973	34.7148	0
14	34.42	20.21	0	SLE RA 6	-18.82	5.59	338.22	-47.2185	-159.057	0
14	34.42	20.21	0	SLE RA 7	-12.03	0.03	338.22	-0.2207	-101.6383	0
14	34.42	20.21	0	SLE RA 8	-5.23	-5.54	338.22	46.7772	-44.2196	0
14	34.42	20.21	0	SLE RA 9	-11.38	26.37	338.22	-222.8479	-96.1379	0
14	34.42	20.21	0	SLE RA 10	11.27	7.83	338.22	-66.1885	95.2576	0
14	34.42	20.21	0	SLE RA 11	-6.88	34.07	338.22	-287.8614	-58.1522	0
14	34.42	20.21	0	SLE RA 12	-0.09	28.5	338.22	-240.8636	-0.7336	0
14	34.42	20.21	0	SLE RA 13	6.71	22.94	338.22	-193.8658	56.6851	0
14	34.42	20.21	0	SLE RA 14	-1.77	9.25	338.22	-78.1544	-14.949	0
14	34.42	20.21	0	SLE RA 15	20.88	-9.29	338.22	78.505	176.4466	0
14	34.42	20.21	0	SLE RA 16	9.13	5.53	338.22	-46.7057	77.1627	0
14	34.42	20.21	0	SLE RA 17	15.93	-0.03	338.22	0.2922	134.5814	0
14	34.42	20.21	0	SLE RA 18	22.72	-5.6	338.22	47.29	192	0
14	34.42	20.21	0	SLE RA 19	-11.27	-7.82	338.22	66.0451	-95.2582	0
14	34.42	20.21	0	SLE RA 20	11.38	-26.36	338.22	222.7045	96.1374	0
14	34.42	20.21	0	SLE RA 21	-6.71	-22.91	338.22	193.6269	-56.686	0
14	34.42	20.21	0	SLE RA 22	0.09	-28.48	338.22	240.6247	0.7326	0
14	34.42	20.21	0	SLE RA 23	6.88	-34.04	338.22	287.6225	58.1513	0
14	34.42	20.21	0	SLE RA 24	-6.8	5.56	358.66	-46.9978	-57.4187	0
14	34.42	20.21	0	SLE RA 25	0	0	358.66	0	0	0
14	34.42	20.21	0	SLE RA 26	6.8	-5.56	358.66	46.9978	57.4187	0
14	34.42	20.21	0	SLE RA 27	-14.01	5.58	358.66	-47.1302	-118.4017	0
14	34.42	20.21	0	SLE RA 28	-7.22	0.02	358.66	-0.1324	-60.983	0
14	34.42	20.21	0	SLE RA 29	-0.42	-5.55	358.66	46.8654	-3.5643	0
14	34.42	20.21	0	SLE RA 30	-6.85	22.66	358.66	-191.516	-57.8588	0
14	34.42	20.21	0	SLE RA 31	-0.05	17.1	358.66	-144.5182	-0.4401	0
14	34.42	20.21	0	SLE RA 32	6.74	11.54	358.66	-97.5204	56.9785	0
14	34.42	20.21	0	SLE RA 33	2.76	5.54	358.66	-46.8225	23.3302	0
14	34.42	20.21	0	SLE RA 34	9.56	-0.02	358.66	0.1753	80.7488	0
14	34.42	20.21	0	SLE RA 35	16.35	-5.58	358.66	47.1731	138.1675	0
14	34.42	20.21	0	SLE RA 36	-6.74	-11.52	358.66	97.377	-56.9791	0
14	34.42	20.21	0	SLE RA 37	0.05	-17.09	358.66	144.3748	0.4396	0
14	34.42	20.21	0	SLE RA 38	6.85	-22.65	358.66	191.3726	57.8583	0
14	34.42	20.21	0	SLE RA 39	-11.33	9.27	355.8	-78.3297	-95.6978	0
14	34.42	20.21	0	SLE RA 40	11.33	-9.27	355.8	78.3297	95.6978	0
14	34.42	20.21	0	SLE RA 41	-18.54	9.29	355.8	-78.4621	-156.6808	0
14	34.42	20.21	0	SLE RA 42	4.11	-9.25	355.8	78.1973	34.7148	0
14	34.42	20.21	0	SLE RA 43	-18.82	5.59	355.8	-47.2185	-159.057	0
14	34.42	20.21	0	SLE RA 44	-12.03	0.03	355.8	-0.2207	-101.6383	0
14	34.42	20.21	0	SLE RA 45	-5.23	-5.54	355.8	46.7772	-44.2196	0
14	34.42	20.21	0	SLE RA 46	-11.38	26.37	355.8	-222.8479	-96.1379	0
14	34.42	20.21	0	SLE RA 47	11.27	7.83	355.8	-66.1885	95.2576	0
14	34.42	20.21	0	SLE RA 48	-6.88	34.07	355.8	-287.8614	-58.1522	0
14	34.42	20.21	0	SLE RA 49	-0.09	28.5	355.8	-240.8636	-0.7336	0
14	34.42	20.21	0	SLE RA 50	6.71	22.94	355.8	-193.8658	56.6851	0
14	34.42	20.21	0	SLE RA 51	-1.77	9.25	355.8	-78.1544	-14.949	0
14	34.42	20.21	0	SLE RA 52	20.88	-9.29	355.8	78.505	176.4466	0
14	34.42	20.21	0	SLE RA 53	9.13	5.53	355.8	-46.7057	77.1627	0
14	34.42	20.21	0	SLE RA 54	15.93	-0.03	355.8	0.2922	134.5814	0
14	34.42	20.21	0	SLE RA 55	22.72	-5.6	355.8	47.29	192	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
14	34.42	20.21	0	SLE RA 56	-11.27	-7.82	355.8	66.0451	-95.2582	0
14	34.42	20.21	0	SLE RA 57	11.38	-26.36	355.8	222.7045	96.1374	0
14	34.42	20.21	0	SLE RA 58	-6.71	-22.91	355.8	193.6269	-56.686	0
14	34.42	20.21	0	SLE RA 59	0.09	-28.48	355.8	240.6247	0.7326	0
14	34.42	20.21	0	SLE RA 60	6.88	-34.04	355.8	287.6225	58.1513	0
14	34.42	20.21	0	SLE RA 61	-6.8	5.56	376.23	-46.9978	-57.4187	0
14	34.42	20.21	0	SLE RA 62	0	0	376.23	0	0	0
14	34.42	20.21	0	SLE RA 63	6.8	-5.56	376.23	46.9978	57.4187	0
14	34.42	20.21	0	SLE RA 64	-14.01	5.58	376.23	-47.1302	-118.4017	0
14	34.42	20.21	0	SLE RA 65	-7.22	0.02	376.23	-0.1324	-60.983	0
14	34.42	20.21	0	SLE RA 66	-0.42	-5.55	376.23	46.8654	-3.5643	0
14	34.42	20.21	0	SLE RA 67	-6.85	22.66	376.23	-191.516	-57.8588	0
14	34.42	20.21	0	SLE RA 68	-0.05	17.1	376.23	-144.5182	-0.4401	0
14	34.42	20.21	0	SLE RA 69	6.74	11.54	376.23	-97.5204	56.9785	0
14	34.42	20.21	0	SLE RA 70	2.76	5.54	376.23	-46.8225	23.3302	0
14	34.42	20.21	0	SLE RA 71	9.56	-0.02	376.23	0.1753	80.7488	0
14	34.42	20.21	0	SLE RA 72	16.35	-5.58	376.23	47.1731	138.1675	0
14	34.42	20.21	0	SLE RA 73	-6.74	-11.52	376.23	97.377	-56.9791	0
14	34.42	20.21	0	SLE RA 74	0.05	-17.09	376.23	144.3748	0.4396	0
14	34.42	20.21	0	SLE RA 75	6.85	-22.65	376.23	191.3726	57.8583	0
14	34.42	20.21	0	SLE RA 76	-6.8	5.56	373.37	-46.9978	-57.4187	0
14	34.42	20.21	0	SLE RA 77	0	0	373.37	0	0	0
14	34.42	20.21	0	SLE RA 78	6.8	-5.56	373.37	46.9978	57.4187	0
14	34.42	20.21	0	SLE RA 79	-14.01	5.58	373.37	-47.1302	-118.4017	0
14	34.42	20.21	0	SLE RA 80	-7.22	0.02	373.37	-0.1324	-60.983	0
14	34.42	20.21	0	SLE RA 81	-0.42	-5.55	373.37	46.8654	-3.5643	0
14	34.42	20.21	0	SLE RA 82	-6.85	22.66	373.37	-191.516	-57.8588	0
14	34.42	20.21	0	SLE RA 83	-0.05	17.1	373.37	-144.5182	-0.4401	0
14	34.42	20.21	0	SLE RA 84	6.74	11.54	373.37	-97.5204	56.9785	0
14	34.42	20.21	0	SLE RA 85	2.76	5.54	373.37	-46.8225	23.3302	0
14	34.42	20.21	0	SLE RA 86	9.56	-0.02	373.37	0.1753	80.7488	0
14	34.42	20.21	0	SLE RA 87	16.35	-5.58	373.37	47.1731	138.1675	0
14	34.42	20.21	0	SLE RA 88	-6.74	-11.52	373.37	97.377	-56.9791	0
14	34.42	20.21	0	SLE RA 89	0.05	-17.09	373.37	144.3748	0.4396	0
14	34.42	20.21	0	SLE RA 90	6.85	-22.65	373.37	191.3726	57.8583	0
14	34.42	20.21	0	SLE FR 1	-5.66	4.63	338.22	-39.1649	-47.8489	0
14	34.42	20.21	0	SLE FR 2	0	0	338.22	0	0	0
14	34.42	20.21	0	SLE FR 3	5.66	-4.63	338.22	39.1649	47.8489	0
14	34.42	20.21	0	SLE FR 4	-2.41	0.01	338.22	-0.0441	-20.3277	0
14	34.42	20.21	0	SLE FR 5	-0.02	5.7	338.22	-48.1727	-0.1467	0
14	34.42	20.21	0	SLE FR 6	3.19	-0.01	338.22	0.0584	26.9163	0
14	34.42	20.21	0	SLE FR 7	0.02	-5.7	338.22	48.1249	0.1465	0
14	34.42	20.21	0	SLE FR 8	0	0	345.25	0	0	0
14	34.42	20.21	0	SLE QP 1	0	0	338.22	0	0	0
14	34.42	20.21	0	SLO 1	251.91	60.9	338.22	-514.6274	2128.6789	-86.1371
14	34.42	20.21	0	SLO 2	239.31	43.43	338.22	-367.1801	2022.1989	86.1371
14	34.42	20.21	0	SLO 3	293.12	-44.02	338.22	372.0913	2476.8179	-86.1371
14	34.42	20.21	0	SLO 4	280.51	-61.48	338.22	519.5386	2370.3379	86.1371
14	34.42	20.21	0	SLO 5	18.53	184.95	338.22	-1562.9937	156.6294	-100.3239
14	34.42	20.21	0	SLO 6	3.86	164.6	338.22	-1391.2617	32.6121	100.3239
14	34.42	20.21	0	SLO 7	155.87	-164.78	338.22	1392.7351	1317.093	-100.3239

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
14	34.42	20.21	0	SLO 8	141.2	-185.12	338.22	1564.4671	1193.0757	100.3239
14	34.42	20.21	0	SLO 9	-141.2	185.12	338.22	-1564.4671	-1193.0757	-100.3239
14	34.42	20.21	0	SLO 10	-155.87	164.78	338.22	-1392.7351	-1317.093	100.3239
14	34.42	20.21	0	SLO 11	-3.86	-164.6	338.22	1391.2617	-32.6121	-100.3239
14	34.42	20.21	0	SLO 12	-18.53	-184.95	338.22	1562.9937	-156.6294	100.3239
14	34.42	20.21	0	SLO 13	-280.51	61.48	338.22	-519.5386	-2370.3379	-86.1371
14	34.42	20.21	0	SLO 14	-293.12	44.02	338.22	-372.0913	-2476.8179	86.1371
14	34.42	20.21	0	SLO 15	-239.31	-43.43	338.22	367.1801	-2022.1989	-86.1371
14	34.42	20.21	0	SLO 16	-251.91	-60.9	338.22	514.6274	-2128.6789	86.1371
14	34.42	20.21	0	SLD 1	218.56	55.12	338.22	-465.8071	1846.8476	-75.7884
14	34.42	20.21	0	SLD 2	207.47	39.76	338.22	-336.0745	1753.1604	75.7884
14	34.42	20.21	0	SLD 3	255.99	-40.26	338.22	340.3348	2163.1072	-75.7884
14	34.42	20.21	0	SLD 4	244.9	-55.63	338.22	470.0674	2069.42	75.7884
14	34.42	20.21	0	SLD 5	13.72	168.03	338.22	-1419.9832	115.9849	-90.0264
14	34.42	20.21	0	SLD 6	0.55	149.77	338.22	-1265.8783	4.697	90.0264
14	34.42	20.21	0	SLD 7	138.49	-149.92	338.22	1267.1564	1170.1833	-90.0264
14	34.42	20.21	0	SLD 8	125.32	-168.18	338.22	1421.2613	1058.8954	90.0264
14	34.42	20.21	0	SLD 9	-125.32	168.18	338.22	-1421.2613	-1058.8954	-90.0264
14	34.42	20.21	0	SLD 10	-138.49	149.92	338.22	-1267.1564	-1170.1833	90.0264
14	34.42	20.21	0	SLD 11	-0.55	-149.77	338.22	1265.8783	-4.697	-90.0264
14	34.42	20.21	0	SLD 12	-13.72	-168.03	338.22	1419.9832	-115.9849	90.0264
14	34.42	20.21	0	SLD 13	-244.9	55.63	338.22	-470.0674	-2069.42	-75.7884
14	34.42	20.21	0	SLD 14	-255.99	40.26	338.22	-340.3348	-2163.1072	75.7884
14	34.42	20.21	0	SLD 15	-207.47	-39.76	338.22	336.0745	-1753.1604	-75.7884
14	34.42	20.21	0	SLD 16	-218.56	-55.12	338.22	465.8071	-1846.8476	75.7884
14	34.42	20.21	0	SLV FO 1	255.15	62.46	338.22	-527.7888	2156.0354	-87.6398
14	34.42	20.21	0	SLV FO 2	242.33	44.69	338.22	-377.7692	2047.6978	87.6398
14	34.42	20.21	0	SLV FO 3	297.46	-45.28	338.22	382.7416	2513.5199	-87.6398
14	34.42	20.21	0	SLV FO 4	284.64	-63.05	338.22	532.7612	2405.1824	87.6398
14	34.42	20.21	0	SLV FO 5	17.97	189.89	338.22	-1604.7685	151.8986	-102.7749
14	34.42	20.21	0	SLV FO 6	2.94	169.05	338.22	-1428.8411	24.8515	102.7749
14	34.42	20.21	0	SLV FO 7	159	-169.23	338.22	1430.3328	1343.5138	-102.7749
14	34.42	20.21	0	SLV FO 8	143.96	-190.07	338.22	1606.2602	1216.4668	102.7749
14	34.42	20.21	0	SLV FO 9	-143.96	190.07	338.22	-1606.2602	-1216.4668	-102.7749
14	34.42	20.21	0	SLV FO 10	-159	169.23	338.22	-1430.3328	-1343.5138	102.7749
14	34.42	20.21	0	SLV FO 11	-2.94	-169.05	338.22	1428.8411	-24.8515	-102.7749
14	34.42	20.21	0	SLV FO 12	-17.97	-189.89	338.22	1604.7685	-151.8986	102.7749
14	34.42	20.21	0	SLV FO 13	-284.64	63.05	338.22	-532.7612	-2405.1824	-87.6398
14	34.42	20.21	0	SLV FO 14	-297.46	45.28	338.22	-382.7416	-2513.5199	87.6398
14	34.42	20.21	0	SLV FO 15	-242.33	-44.69	338.22	377.7692	-2047.6978	-87.6398
14	34.42	20.21	0	SLV FO 16	-255.15	-62.46	338.22	527.7888	-2156.0354	87.6398
15	42.51	20.21	0	SLU 1	-3.92	12.18	614.51	-102.9027	-33.1179	0
15	42.51	20.21	0	SLU 2	0	0	614.51	0	0	0
15	42.51	20.21	0	SLU 3	3.92	-12.18	614.51	102.9027	33.1179	0
15	42.51	20.21	0	SLU 4	-11.19	12.18	614.51	-102.8896	-94.5148	0
15	42.51	20.21	0	SLU 5	-3.35	-12.18	614.51	102.9158	-28.2791	0
15	42.51	20.21	0	SLU 6	-14.46	7.3	614.51	-61.7197	-122.199	0
15	42.51	20.21	0	SLU 7	-12.11	0	614.51	0.0219	-102.3283	0
15	42.51	20.21	0	SLU 8	-9.76	-7.31	614.51	61.7635	-82.4575	0
15	42.51	20.21	0	SLU 9	-3.97	34.84	614.51	-294.3892	-33.5573	0
15	42.51	20.21	0	SLU 10	3.87	10.48	614.51	-88.5838	32.6784	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
15	42.51	20.21	0	SLU 11	-2.44	45.08	614.51	-380.8858	-20.6031	0
15	42.51	20.21	0	SLU 12	-0.09	37.77	614.51	-319.1442	-0.7324	0
15	42.51	20.21	0	SLU 13	2.26	30.46	614.51	-257.4026	19.1383	0
15	42.51	20.21	0	SLU 14	5.7	12.18	614.51	-102.9201	48.1791	0
15	42.51	20.21	0	SLU 15	13.54	-12.18	614.51	102.8853	114.4148	0
15	42.51	20.21	0	SLU 16	13.68	7.31	614.51	-61.7706	115.6242	0
15	42.51	20.21	0	SLU 17	16.03	0	614.51	-0.029	135.4949	0
15	42.51	20.21	0	SLU 18	18.39	-7.3	614.51	61.7127	155.3657	0
15	42.51	20.21	0	SLU 19	-3.87	-10.45	614.51	88.2832	-32.6787	0
15	42.51	20.21	0	SLU 20	3.97	-34.8	614.51	294.0886	33.557	0
15	42.51	20.21	0	SLU 21	-2.26	-30.4	614.51	256.9015	-19.1387	0
15	42.51	20.21	0	SLU 22	0.09	-37.71	614.51	318.6431	0.732	0
15	42.51	20.21	0	SLU 23	2.44	-45.02	614.51	380.3847	20.6027	0
15	42.51	20.21	0	SLU 24	-2.35	7.31	676.77	-61.7416	-19.8707	0
15	42.51	20.21	0	SLU 25	0	0	676.77	0	0	0
15	42.51	20.21	0	SLU 26	2.35	-7.31	676.77	61.7416	19.8707	0
15	42.51	20.21	0	SLU 27	-9.62	7.31	676.77	-61.7285	-81.2677	0
15	42.51	20.21	0	SLU 28	-7.27	0	676.77	0.0131	-61.397	0
15	42.51	20.21	0	SLU 29	-4.91	-7.31	676.77	61.7547	-41.5262	0
15	42.51	20.21	0	SLU 30	-2.4	29.97	676.77	-253.2281	-20.3102	0
15	42.51	20.21	0	SLU 31	-0.05	22.66	676.77	-191.4865	-0.4394	0
15	42.51	20.21	0	SLU 32	2.3	15.35	676.77	-129.7449	19.4313	0
15	42.51	20.21	0	SLU 33	7.27	7.31	676.77	-61.759	61.4263	0
15	42.51	20.21	0	SLU 34	9.62	0	676.77	-0.0174	81.297	0
15	42.51	20.21	0	SLU 35	11.97	-7.3	676.77	61.7242	101.1677	0
15	42.51	20.21	0	SLU 36	-2.3	-15.32	676.77	129.4443	-19.4315	0
15	42.51	20.21	0	SLU 37	0.05	-22.63	676.77	191.1859	0.4392	0
15	42.51	20.21	0	SLU 38	2.4	-29.93	676.77	252.9275	20.3099	0
15	42.51	20.21	0	SLU 39	-3.92	12.18	668.05	-102.9027	-33.1179	0
15	42.51	20.21	0	SLU 40	3.92	-12.18	668.05	102.9027	33.1179	0
15	42.51	20.21	0	SLU 41	-11.19	12.18	668.05	-102.8896	-94.5148	0
15	42.51	20.21	0	SLU 42	-3.35	-12.18	668.05	102.9158	-28.2791	0
15	42.51	20.21	0	SLU 43	-14.46	7.3	668.05	-61.7197	-122.199	0
15	42.51	20.21	0	SLU 44	-12.11	0	668.05	0.0219	-102.3283	0
15	42.51	20.21	0	SLU 45	-9.76	-7.31	668.05	61.7635	-82.4575	0
15	42.51	20.21	0	SLU 46	-3.97	34.84	668.05	-294.3892	-33.5573	0
15	42.51	20.21	0	SLU 47	3.87	10.48	668.05	-88.5838	32.6784	0
15	42.51	20.21	0	SLU 48	-2.44	45.08	668.05	-380.8858	-20.6031	0
15	42.51	20.21	0	SLU 49	-0.09	37.77	668.05	-319.1442	-0.7324	0
15	42.51	20.21	0	SLU 50	2.26	30.46	668.05	-257.4026	19.1383	0
15	42.51	20.21	0	SLU 51	5.7	12.18	668.05	-102.9201	48.1791	0
15	42.51	20.21	0	SLU 52	13.54	-12.18	668.05	102.8853	114.4148	0
15	42.51	20.21	0	SLU 53	13.68	7.31	668.05	-61.7706	115.6242	0
15	42.51	20.21	0	SLU 54	16.03	0	668.05	-0.029	135.4949	0
15	42.51	20.21	0	SLU 55	18.39	-7.3	668.05	61.7127	155.3657	0
15	42.51	20.21	0	SLU 56	-3.87	-10.45	668.05	88.2832	-32.6787	0
15	42.51	20.21	0	SLU 57	3.97	-34.8	668.05	294.0886	33.557	0
15	42.51	20.21	0	SLU 58	-2.26	-30.4	668.05	256.9015	-19.1387	0
15	42.51	20.21	0	SLU 59	0.09	-37.71	668.05	318.6431	0.732	0
15	42.51	20.21	0	SLU 60	2.44	-45.02	668.05	380.3847	20.6027	0
15	42.51	20.21	0	SLU 61	-2.35	7.31	730.31	-61.7416	-19.8707	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
15	42.51	20.21	0	SLU 62	0	0	730.31	0	0	0
15	42.51	20.21	0	SLU 63	2.35	-7.31	730.31	61.7416	19.8707	0
15	42.51	20.21	0	SLU 64	-9.62	7.31	730.31	-61.7285	-81.2677	0
15	42.51	20.21	0	SLU 65	-7.27	0	730.31	0.0131	-61.397	0
15	42.51	20.21	0	SLU 66	-4.91	-7.31	730.31	61.7547	-41.5262	0
15	42.51	20.21	0	SLU 67	-2.4	29.97	730.31	-253.2281	-20.3102	0
15	42.51	20.21	0	SLU 68	-0.05	22.66	730.31	-191.4865	-0.4394	0
15	42.51	20.21	0	SLU 69	2.3	15.35	730.31	-129.7449	19.4313	0
15	42.51	20.21	0	SLU 70	7.27	7.31	730.31	-61.759	61.4263	0
15	42.51	20.21	0	SLU 71	9.62	0	730.31	-0.0174	81.297	0
15	42.51	20.21	0	SLU 72	11.97	-7.3	730.31	61.7242	101.1677	0
15	42.51	20.21	0	SLU 73	-2.3	-15.32	730.31	129.4443	-19.4315	0
15	42.51	20.21	0	SLU 74	0.05	-22.63	730.31	191.1859	0.4392	0
15	42.51	20.21	0	SLU 75	2.4	-29.93	730.31	252.9275	20.3099	0
15	42.51	20.21	0	SLU 76	-2.35	7.31	721.59	-61.7416	-19.8707	0
15	42.51	20.21	0	SLU 77	0	0	721.59	0	0	0
15	42.51	20.21	0	SLU 78	2.35	-7.31	721.59	61.7416	19.8707	0
15	42.51	20.21	0	SLU 79	-9.62	7.31	721.59	-61.7285	-81.2677	0
15	42.51	20.21	0	SLU 80	-7.27	0	721.59	0.0131	-61.397	0
15	42.51	20.21	0	SLU 81	-4.91	-7.31	721.59	61.7547	-41.5262	0
15	42.51	20.21	0	SLU 82	-2.4	29.97	721.59	-253.2281	-20.3102	0
15	42.51	20.21	0	SLU 83	-0.05	22.66	721.59	-191.4865	-0.4394	0
15	42.51	20.21	0	SLU 84	2.3	15.35	721.59	-129.7449	19.4313	0
15	42.51	20.21	0	SLU 85	7.27	7.31	721.59	-61.759	61.4263	0
15	42.51	20.21	0	SLU 86	9.62	0	721.59	-0.0174	81.297	0
15	42.51	20.21	0	SLU 87	11.97	-7.3	721.59	61.7242	101.1677	0
15	42.51	20.21	0	SLU 88	-2.3	-15.32	721.59	129.4443	-19.4315	0
15	42.51	20.21	0	SLU 89	0.05	-22.63	721.59	191.1859	0.4392	0
15	42.51	20.21	0	SLU 90	2.4	-29.93	721.59	252.9275	20.3099	0
15	42.51	20.21	0	SLE RA 1	-2.61	8.12	467.59	-68.6018	-22.0786	0
15	42.51	20.21	0	SLE RA 2	0	0	467.59	0	0	0
15	42.51	20.21	0	SLE RA 3	2.61	-8.12	467.59	68.6018	22.0786	0
15	42.51	20.21	0	SLE RA 4	-7.46	8.12	467.59	-68.593	-63.0099	0
15	42.51	20.21	0	SLE RA 5	-2.23	-8.12	467.59	68.6105	-18.8527	0
15	42.51	20.21	0	SLE RA 6	-9.64	4.87	467.59	-41.1465	-81.466	0
15	42.51	20.21	0	SLE RA 7	-8.07	0	467.59	0.0146	-68.2188	0
15	42.51	20.21	0	SLE RA 8	-6.51	-4.87	467.59	41.1757	-54.9717	0
15	42.51	20.21	0	SLE RA 9	-2.65	23.23	467.59	-196.2595	-22.3715	0
15	42.51	20.21	0	SLE RA 10	2.58	6.99	467.59	-59.0559	21.7856	0
15	42.51	20.21	0	SLE RA 11	-1.63	30.05	467.59	-253.9239	-13.7354	0
15	42.51	20.21	0	SLE RA 12	-0.06	25.18	467.59	-212.7628	-0.4883	0
15	42.51	20.21	0	SLE RA 13	1.51	20.31	467.59	-171.6017	12.7589	0
15	42.51	20.21	0	SLE RA 14	3.8	8.12	467.59	-68.6134	32.1194	0
15	42.51	20.21	0	SLE RA 15	9.03	-8.12	467.59	68.5902	76.2765	0
15	42.51	20.21	0	SLE RA 16	9.12	4.87	467.59	-41.1804	77.0828	0
15	42.51	20.21	0	SLE RA 17	10.69	0	467.59	-0.0193	90.33	0
15	42.51	20.21	0	SLE RA 18	12.26	-4.87	467.59	41.1418	103.5771	0
15	42.51	20.21	0	SLE RA 19	-2.58	-6.97	467.59	58.8555	-21.7858	0
15	42.51	20.21	0	SLE RA 20	2.65	-23.2	467.59	196.059	22.3714	0
15	42.51	20.21	0	SLE RA 21	-1.51	-20.27	467.59	171.2677	-12.7592	0
15	42.51	20.21	0	SLE RA 22	0.06	-25.14	467.59	212.4287	0.488	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
15	42.51	20.21	0	SLE RA 23	1.63	-30.01	467.59	253.5898	13.7351	0
15	42.51	20.21	0	SLE RA 24	-1.57	4.87	509.1	-41.1611	-13.2471	0
15	42.51	20.21	0	SLE RA 25	0	0	509.1	0	0	0
15	42.51	20.21	0	SLE RA 26	1.57	-4.87	509.1	41.1611	13.2471	0
15	42.51	20.21	0	SLE RA 27	-6.41	4.87	509.1	-41.1523	-54.1784	0
15	42.51	20.21	0	SLE RA 28	-4.84	0	509.1	0.0087	-40.9313	0
15	42.51	20.21	0	SLE RA 29	-3.28	-4.87	509.1	41.1698	-27.6842	0
15	42.51	20.21	0	SLE RA 30	-1.6	19.98	509.1	-168.8188	-13.5401	0
15	42.51	20.21	0	SLE RA 31	-0.03	15.11	509.1	-127.6577	-0.293	0
15	42.51	20.21	0	SLE RA 32	1.53	10.24	509.1	-86.4966	12.9542	0
15	42.51	20.21	0	SLE RA 33	4.85	4.87	509.1	-41.1727	40.9508	0
15	42.51	20.21	0	SLE RA 34	6.41	0	509.1	-0.0116	54.198	0
15	42.51	20.21	0	SLE RA 35	7.98	-4.87	509.1	41.1495	67.4451	0
15	42.51	20.21	0	SLE RA 36	-1.53	-10.21	509.1	86.2962	-12.9544	0
15	42.51	20.21	0	SLE RA 37	0.03	-15.08	509.1	127.4572	0.2928	0
15	42.51	20.21	0	SLE RA 38	1.6	-19.95	509.1	168.6183	13.5399	0
15	42.51	20.21	0	SLE RA 39	-2.61	8.12	503.29	-68.6018	-22.0786	0
15	42.51	20.21	0	SLE RA 40	2.61	-8.12	503.29	68.6018	22.0786	0
15	42.51	20.21	0	SLE RA 41	-7.46	8.12	503.29	-68.593	-63.0099	0
15	42.51	20.21	0	SLE RA 42	-2.23	-8.12	503.29	68.6105	-18.8527	0
15	42.51	20.21	0	SLE RA 43	-9.64	4.87	503.29	-41.1465	-81.466	0
15	42.51	20.21	0	SLE RA 44	-8.07	0	503.29	0.0146	-68.2188	0
15	42.51	20.21	0	SLE RA 45	-6.51	-4.87	503.29	41.1757	-54.9717	0
15	42.51	20.21	0	SLE RA 46	-2.65	23.23	503.29	-196.2595	-22.3715	0
15	42.51	20.21	0	SLE RA 47	2.58	6.99	503.29	-59.0559	21.7856	0
15	42.51	20.21	0	SLE RA 48	-1.63	30.05	503.29	-253.9239	-13.7354	0
15	42.51	20.21	0	SLE RA 49	-0.06	25.18	503.29	-212.7628	-0.4883	0
15	42.51	20.21	0	SLE RA 50	1.51	20.31	503.29	-171.6017	12.7589	0
15	42.51	20.21	0	SLE RA 51	3.8	8.12	503.29	-68.6134	32.1194	0
15	42.51	20.21	0	SLE RA 52	9.03	-8.12	503.29	68.5902	76.2765	0
15	42.51	20.21	0	SLE RA 53	9.12	4.87	503.29	-41.1804	77.0828	0
15	42.51	20.21	0	SLE RA 54	10.69	0	503.29	-0.0193	90.33	0
15	42.51	20.21	0	SLE RA 55	12.26	-4.87	503.29	41.1418	103.5771	0
15	42.51	20.21	0	SLE RA 56	-2.58	-6.97	503.29	58.8555	-21.7858	0
15	42.51	20.21	0	SLE RA 57	2.65	-23.2	503.29	196.059	22.3714	0
15	42.51	20.21	0	SLE RA 58	-1.51	-20.27	503.29	171.2677	-12.7592	0
15	42.51	20.21	0	SLE RA 59	0.06	-25.14	503.29	212.4287	0.488	0
15	42.51	20.21	0	SLE RA 60	1.63	-30.01	503.29	253.5898	13.7351	0
15	42.51	20.21	0	SLE RA 61	-1.57	4.87	544.79	-41.1611	-13.2471	0
15	42.51	20.21	0	SLE RA 62	0	0	544.79	0	0	0
15	42.51	20.21	0	SLE RA 63	1.57	-4.87	544.79	41.1611	13.2471	0
15	42.51	20.21	0	SLE RA 64	-6.41	4.87	544.79	-41.1523	-54.1784	0
15	42.51	20.21	0	SLE RA 65	-4.84	0	544.79	0.0087	-40.9313	0
15	42.51	20.21	0	SLE RA 66	-3.28	-4.87	544.79	41.1698	-27.6842	0
15	42.51	20.21	0	SLE RA 67	-1.6	19.98	544.79	-168.8188	-13.5401	0
15	42.51	20.21	0	SLE RA 68	-0.03	15.11	544.79	-127.6577	-0.293	0
15	42.51	20.21	0	SLE RA 69	1.53	10.24	544.79	-86.4966	12.9542	0
15	42.51	20.21	0	SLE RA 70	4.85	4.87	544.79	-41.1727	40.9508	0
15	42.51	20.21	0	SLE RA 71	6.41	0	544.79	-0.0116	54.198	0
15	42.51	20.21	0	SLE RA 72	7.98	-4.87	544.79	41.1495	67.4451	0
15	42.51	20.21	0	SLE RA 73	-1.53	-10.21	544.79	86.2962	-12.9544	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
15	42.51	20.21	0	SLE RA 74	0.03	-15.08	544.79	127.4572	0.2928	0
15	42.51	20.21	0	SLE RA 75	1.6	-19.95	544.79	168.6183	13.5399	0
15	42.51	20.21	0	SLE RA 76	-1.57	4.87	538.98	-41.1611	-13.2471	0
15	42.51	20.21	0	SLE RA 77	0	0	538.98	0	0	0
15	42.51	20.21	0	SLE RA 78	1.57	-4.87	538.98	41.1611	13.2471	0
15	42.51	20.21	0	SLE RA 79	-6.41	4.87	538.98	-41.1523	-54.1784	0
15	42.51	20.21	0	SLE RA 80	-4.84	0	538.98	0.0087	-40.9313	0
15	42.51	20.21	0	SLE RA 81	-3.28	-4.87	538.98	41.1698	-27.6842	0
15	42.51	20.21	0	SLE RA 82	-1.6	19.98	538.98	-168.8188	-13.5401	0
15	42.51	20.21	0	SLE RA 83	-0.03	15.11	538.98	-127.6577	-0.293	0
15	42.51	20.21	0	SLE RA 84	1.53	10.24	538.98	-86.4966	12.9542	0
15	42.51	20.21	0	SLE RA 85	4.85	4.87	538.98	-41.1727	40.9508	0
15	42.51	20.21	0	SLE RA 86	6.41	0	538.98	-0.0116	54.198	0
15	42.51	20.21	0	SLE RA 87	7.98	-4.87	538.98	41.1495	67.4451	0
15	42.51	20.21	0	SLE RA 88	-1.53	-10.21	538.98	86.2962	-12.9544	0
15	42.51	20.21	0	SLE RA 89	0.03	-15.08	538.98	127.4572	0.2928	0
15	42.51	20.21	0	SLE RA 90	1.6	-19.95	538.98	168.6183	13.5399	0
15	42.51	20.21	0	SLE FR 1	-1.31	4.06	467.59	-34.3009	-11.0393	0
15	42.51	20.21	0	SLE FR 2	0	0	467.59	0	0	0
15	42.51	20.21	0	SLE FR 3	1.31	-4.06	467.59	34.3009	11.0393	0
15	42.51	20.21	0	SLE FR 4	-1.61	0	467.59	0.0029	-13.6438	0
15	42.51	20.21	0	SLE FR 5	-0.01	5.04	467.59	-42.5526	-0.0977	0
15	42.51	20.21	0	SLE FR 6	2.14	0	467.59	-0.0039	18.066	0
15	42.51	20.21	0	SLE FR 7	0.01	-5.03	467.59	42.4857	0.0976	0
15	42.51	20.21	0	SLE FR 8	0	0	481.87	0	0	0
15	42.51	20.21	0	SLE QP 1	0	0	467.59	0	0	0
15	42.51	20.21	0	SLO 1	169.12	55.95	467.59	-472.7803	1429.0324	-139.3768
15	42.51	20.21	0	SLO 2	160.66	50.71	467.59	-428.5201	1357.5622	139.3768
15	42.51	20.21	0	SLO 3	196.78	-50.63	467.59	427.8296	1662.7618	-139.3768
15	42.51	20.21	0	SLO 4	188.32	-55.87	467.59	472.0898	1591.2916	139.3768
15	42.51	20.21	0	SLO 5	12.44	180.7	467.59	-1526.895	105.1204	-162.3323
15	42.51	20.21	0	SLO 6	2.59	174.6	467.59	-1475.3452	21.8789	162.3323
15	42.51	20.21	0	SLO 7	104.64	-174.57	467.59	1475.138	884.2183	-162.3323
15	42.51	20.21	0	SLO 8	94.79	-180.67	467.59	1526.6878	800.9768	162.3323
15	42.51	20.21	0	SLO 9	-94.79	180.67	467.59	-1526.6878	-800.9768	-162.3323
15	42.51	20.21	0	SLO 10	-104.64	174.57	467.59	-1475.138	-884.2183	162.3323
15	42.51	20.21	0	SLO 11	-2.59	-174.6	467.59	1475.3452	-21.8789	-162.3323
15	42.51	20.21	0	SLO 12	-12.44	-180.7	467.59	1526.895	-105.1204	162.3323
15	42.51	20.21	0	SLO 13	-188.32	55.87	467.59	-472.0898	-1591.2916	-139.3768
15	42.51	20.21	0	SLO 14	-196.78	50.63	467.59	-427.8296	-1662.7618	139.3768
15	42.51	20.21	0	SLO 15	-160.66	-50.71	467.59	428.5201	-1357.5622	-139.3768
15	42.51	20.21	0	SLO 16	-169.12	-55.95	467.59	472.7803	-1429.0324	139.3768
15	42.51	20.21	0	SLD 1	146.73	50.59	467.59	-427.4949	1239.832	-122.6318
15	42.51	20.21	0	SLD 2	139.28	45.98	467.59	-388.5522	1176.9484	122.6318
15	42.51	20.21	0	SLD 3	171.85	-45.91	467.59	387.9202	1452.1588	-122.6318
15	42.51	20.21	0	SLD 4	164.41	-50.52	467.59	426.8629	1389.2752	122.6318
15	42.51	20.21	0	SLD 5	9.21	163.58	467.59	-1382.2493	77.8367	-145.6701
15	42.51	20.21	0	SLD 6	0.37	158.11	467.59	-1335.9907	3.1394	145.6701
15	42.51	20.21	0	SLD 7	92.97	-158.08	467.59	1335.8011	785.5927	-145.6701
15	42.51	20.21	0	SLD 8	84.13	-163.56	467.59	1382.0597	710.8954	145.6701
15	42.51	20.21	0	SLD 9	-84.13	163.56	467.59	-1382.0597	-710.8954	-145.6701

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
15	42.51	20.21	0	SLD 10	-92.97	158.08	467.59	-1335.8011	-785.5927	145.6701
15	42.51	20.21	0	SLD 11	-0.37	-158.11	467.59	1335.9907	-3.1394	-145.6701
15	42.51	20.21	0	SLD 12	-9.21	-163.58	467.59	1382.2493	-77.8367	145.6701
15	42.51	20.21	0	SLD 13	-164.41	50.52	467.59	-426.8629	-1389.2752	-122.6318
15	42.51	20.21	0	SLD 14	-171.85	45.91	467.59	-387.9202	-1452.1588	122.6318
15	42.51	20.21	0	SLD 15	-139.28	-45.98	467.59	388.5522	-1176.9484	-122.6318
15	42.51	20.21	0	SLD 16	-146.73	-50.59	467.59	427.4949	-1239.832	122.6318
15	42.51	20.21	0	SLV FO 1	171.29	57.43	467.59	-485.2696	1447.3974	-141.8083
15	42.51	20.21	0	SLV FO 2	162.68	52.1	467.59	-440.2373	1374.6804	141.8083
15	42.51	20.21	0	SLV FO 3	199.69	-52.01	467.59	439.5251	1687.4011	-141.8083
15	42.51	20.21	0	SLV FO 4	191.09	-57.34	467.59	484.5574	1614.684	141.8083
15	42.51	20.21	0	SLV FO 5	12.06	185.54	467.59	-1567.836	101.9437	-166.2981
15	42.51	20.21	0	SLV FO 6	1.97	179.29	467.59	-1515.0267	16.6686	166.2981
15	42.51	20.21	0	SLV FO 7	106.74	-179.27	467.59	1514.8131	901.9558	-166.2981
15	42.51	20.21	0	SLV FO 8	96.65	-185.52	467.59	1567.6223	816.6807	166.2981
15	42.51	20.21	0	SLV FO 9	-96.65	185.52	467.59	-1567.6223	-816.6807	-166.2981
15	42.51	20.21	0	SLV FO 10	-106.74	179.27	467.59	-1514.8131	-901.9558	166.2981
15	42.51	20.21	0	SLV FO 11	-1.97	-179.29	467.59	1515.0267	-16.6686	-166.2981
15	42.51	20.21	0	SLV FO 12	-12.06	-185.54	467.59	1567.836	-101.9437	166.2981
15	42.51	20.21	0	SLV FO 13	-191.09	57.34	467.59	-484.5574	-1614.684	-141.8083
15	42.51	20.21	0	SLV FO 14	-199.69	52.01	467.59	-439.5251	-1687.4011	141.8083
15	42.51	20.21	0	SLV FO 15	-162.68	-52.1	467.59	440.2373	-1374.6804	-141.8083
15	42.51	20.21	0	SLV FO 16	-171.29	-57.43	467.59	485.2696	-1447.3974	141.8083
16	50.85	20.21	0	SLU 1	3.78	12.18	620.31	-102.9038	31.9507	0
16	50.85	20.21	0	SLU 2	0	0	620.31	0	0	0
16	50.85	20.21	0	SLU 3	-3.78	-12.18	620.31	102.9038	-31.9507	0
16	50.85	20.21	0	SLU 4	-3.49	12.18	620.31	-102.9164	-29.4541	0
16	50.85	20.21	0	SLU 5	-11.05	-12.18	620.31	102.8911	-93.3556	0
16	50.85	20.21	0	SLU 6	-9.84	7.31	620.31	-61.7634	-83.171	0
16	50.85	20.21	0	SLU 7	-12.11	0	620.31	-0.0211	-102.3414	0
16	50.85	20.21	0	SLU 8	-14.38	-7.3	620.31	61.7212	-121.5119	0
16	50.85	20.21	0	SLU 9	3.73	34.91	620.31	-294.9768	31.5174	0
16	50.85	20.21	0	SLU 10	-3.83	10.55	620.31	-89.1692	-32.3841	0
16	50.85	20.21	0	SLU 11	2.18	45.19	620.31	-381.8639	18.4482	0
16	50.85	20.21	0	SLU 12	-0.09	37.88	620.31	-320.1216	-0.7222	0
16	50.85	20.21	0	SLU 13	-2.35	30.58	620.31	-258.3794	-19.8927	0
16	50.85	20.21	0	SLU 14	13.4	12.18	620.31	-102.887	113.2582	0
16	50.85	20.21	0	SLU 15	5.84	-12.18	620.31	102.9206	49.3567	0
16	50.85	20.21	0	SLU 16	18.31	7.3	620.31	-61.7143	154.6828	0
16	50.85	20.21	0	SLU 17	16.04	0	620.31	0.028	135.5124	0
16	50.85	20.21	0	SLU 18	13.77	-7.31	620.31	61.7702	116.3419	0
16	50.85	20.21	0	SLU 19	3.83	-10.52	620.31	88.8651	32.3843	0
16	50.85	20.21	0	SLU 20	-3.73	-34.87	620.31	294.6727	-31.5172	0
16	50.85	20.21	0	SLU 21	2.35	-30.52	620.31	257.8726	19.8931	0
16	50.85	20.21	0	SLU 22	0.09	-37.82	620.31	319.6148	0.7226	0
16	50.85	20.21	0	SLU 23	-2.18	-45.13	620.31	381.3571	-18.4478	0
16	50.85	20.21	0	SLU 24	2.27	7.31	683.52	-61.7423	19.1704	0
16	50.85	20.21	0	SLU 25	0	0	683.52	0	0	0
16	50.85	20.21	0	SLU 26	-2.27	-7.31	683.52	61.7423	-19.1704	0
16	50.85	20.21	0	SLU 27	-5	7.31	683.52	-61.7549	-42.2344	0
16	50.85	20.21	0	SLU 28	-7.27	0	683.52	-0.0127	-61.4049	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
16	50.85	20.21	0	SLU 29	-9.54	-7.31	683.52	61.7296	-80.5753	0
16	50.85	20.21	0	SLU 30	2.22	30.04	683.52	-253.8152	18.7371	0
16	50.85	20.21	0	SLU 31	-0.05	22.73	683.52	-192.073	-0.4333	0
16	50.85	20.21	0	SLU 32	-2.32	15.42	683.52	-130.3307	-19.6038	0
16	50.85	20.21	0	SLU 33	11.89	7.3	683.52	-61.7255	100.4779	0
16	50.85	20.21	0	SLU 34	9.62	0	683.52	0.0168	81.3074	0
16	50.85	20.21	0	SLU 35	7.35	-7.31	683.52	61.759	62.137	0
16	50.85	20.21	0	SLU 36	2.32	-15.39	683.52	130.0266	19.604	0
16	50.85	20.21	0	SLU 37	0.05	-22.69	683.52	191.7689	0.4336	0
16	50.85	20.21	0	SLU 38	-2.22	-30	683.52	253.5112	-18.7369	0
16	50.85	20.21	0	SLU 39	3.78	12.18	674.67	-102.9038	31.9507	0
16	50.85	20.21	0	SLU 40	-3.78	-12.18	674.67	102.9038	-31.9507	0
16	50.85	20.21	0	SLU 41	-3.49	12.18	674.67	-102.9164	-29.4541	0
16	50.85	20.21	0	SLU 42	-11.05	-12.18	674.67	102.8911	-93.3556	0
16	50.85	20.21	0	SLU 43	-9.84	7.31	674.67	-61.7634	-83.171	0
16	50.85	20.21	0	SLU 44	-12.11	0	674.67	-0.0211	-102.3414	0
16	50.85	20.21	0	SLU 45	-14.38	-7.3	674.67	61.7212	-121.5119	0
16	50.85	20.21	0	SLU 46	3.73	34.91	674.67	-294.9768	31.5174	0
16	50.85	20.21	0	SLU 47	-3.83	10.55	674.67	-89.1692	-32.3841	0
16	50.85	20.21	0	SLU 48	2.18	45.19	674.67	-381.8639	18.4482	0
16	50.85	20.21	0	SLU 49	-0.09	37.88	674.67	-320.1216	-0.7222	0
16	50.85	20.21	0	SLU 50	-2.35	30.58	674.67	-258.3794	-19.8927	0
16	50.85	20.21	0	SLU 51	13.4	12.18	674.67	-102.887	113.2582	0
16	50.85	20.21	0	SLU 52	5.84	-12.18	674.67	102.9206	49.3567	0
16	50.85	20.21	0	SLU 53	18.31	7.3	674.67	-61.7143	154.6828	0
16	50.85	20.21	0	SLU 54	16.04	0	674.67	0.028	135.5124	0
16	50.85	20.21	0	SLU 55	13.77	-7.31	674.67	61.7702	116.3419	0
16	50.85	20.21	0	SLU 56	3.83	-10.52	674.67	88.8651	32.3843	0
16	50.85	20.21	0	SLU 57	-3.73	-34.87	674.67	294.6727	-31.5172	0
16	50.85	20.21	0	SLU 58	2.35	-30.52	674.67	257.8726	19.8931	0
16	50.85	20.21	0	SLU 59	0.09	-37.82	674.67	319.6148	0.7226	0
16	50.85	20.21	0	SLU 60	-2.18	-45.13	674.67	381.3571	-18.4478	0
16	50.85	20.21	0	SLU 61	2.27	7.31	737.87	-61.7423	19.1704	0
16	50.85	20.21	0	SLU 62	0	0	737.87	0	0	0
16	50.85	20.21	0	SLU 63	-2.27	-7.31	737.87	61.7423	-19.1704	0
16	50.85	20.21	0	SLU 64	-5	7.31	737.87	-61.7549	-42.2344	0
16	50.85	20.21	0	SLU 65	-7.27	0	737.87	-0.0127	-61.4049	0
16	50.85	20.21	0	SLU 66	-9.54	-7.31	737.87	61.7296	-80.5753	0
16	50.85	20.21	0	SLU 67	2.22	30.04	737.87	-253.8152	18.7371	0
16	50.85	20.21	0	SLU 68	-0.05	22.73	737.87	-192.073	-0.4333	0
16	50.85	20.21	0	SLU 69	-2.32	15.42	737.87	-130.3307	-19.6038	0
16	50.85	20.21	0	SLU 70	11.89	7.3	737.87	-61.7255	100.4779	0
16	50.85	20.21	0	SLU 71	9.62	0	737.87	0.0168	81.3074	0
16	50.85	20.21	0	SLU 72	7.35	-7.31	737.87	61.759	62.137	0
16	50.85	20.21	0	SLU 73	2.32	-15.39	737.87	130.0266	19.604	0
16	50.85	20.21	0	SLU 74	0.05	-22.69	737.87	191.7689	0.4336	0
16	50.85	20.21	0	SLU 75	-2.22	-30	737.87	253.5112	-18.7369	0
16	50.85	20.21	0	SLU 76	2.27	7.31	729.03	-61.7423	19.1704	0
16	50.85	20.21	0	SLU 77	0	0	729.03	0	0	0
16	50.85	20.21	0	SLU 78	-2.27	-7.31	729.03	61.7423	-19.1704	0
16	50.85	20.21	0	SLU 79	-5	7.31	729.03	-61.7549	-42.2344	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
16	50.85	20.21	0	SLU 80	-7.27	0	729.03	-0.0127	-61.4049	0
16	50.85	20.21	0	SLU 81	-9.54	-7.31	729.03	61.7296	-80.5753	0
16	50.85	20.21	0	SLU 82	2.22	30.04	729.03	-253.8152	18.7371	0
16	50.85	20.21	0	SLU 83	-0.05	22.73	729.03	-192.073	-0.4333	0
16	50.85	20.21	0	SLU 84	-2.32	15.42	729.03	-130.3307	-19.6038	0
16	50.85	20.21	0	SLU 85	11.89	7.3	729.03	-61.7255	100.4779	0
16	50.85	20.21	0	SLU 86	9.62	0	729.03	0.0168	81.3074	0
16	50.85	20.21	0	SLU 87	7.35	-7.31	729.03	61.759	62.137	0
16	50.85	20.21	0	SLU 88	2.32	-15.39	729.03	130.0266	19.604	0
16	50.85	20.21	0	SLU 89	0.05	-22.69	729.03	191.7689	0.4336	0
16	50.85	20.21	0	SLU 90	-2.22	-30	729.03	253.5112	-18.7369	0
16	50.85	20.21	0	SLE RA 1	2.52	8.12	471.98	-68.6025	21.3005	0
16	50.85	20.21	0	SLE RA 2	0	0	471.98	0	0	0
16	50.85	20.21	0	SLE RA 3	-2.52	-8.12	471.98	68.6025	-21.3005	0
16	50.85	20.21	0	SLE RA 4	-2.32	8.12	471.98	-68.611	-19.6361	0
16	50.85	20.21	0	SLE RA 5	-7.37	-8.12	471.98	68.5941	-62.2371	0
16	50.85	20.21	0	SLE RA 6	-6.56	4.87	471.98	-41.1756	-55.4473	0
16	50.85	20.21	0	SLE RA 7	-8.07	0	471.98	-0.0141	-68.2276	0
16	50.85	20.21	0	SLE RA 8	-9.59	-4.87	471.98	41.1474	-81.0079	0
16	50.85	20.21	0	SLE RA 9	2.49	23.27	471.98	-196.6512	21.0116	0
16	50.85	20.21	0	SLE RA 10	-2.55	7.04	471.98	-59.4461	-21.5894	0
16	50.85	20.21	0	SLE RA 11	1.46	30.13	471.98	-254.5759	12.2988	0
16	50.85	20.21	0	SLE RA 12	-0.06	25.26	471.98	-213.4144	-0.4815	0
16	50.85	20.21	0	SLE RA 13	-1.57	20.39	471.98	-172.2529	-13.2618	0
16	50.85	20.21	0	SLE RA 14	8.94	8.12	471.98	-68.5913	75.5054	0
16	50.85	20.21	0	SLE RA 15	3.89	-8.12	471.98	68.6137	32.9045	0
16	50.85	20.21	0	SLE RA 16	12.2	4.87	471.98	-41.1429	103.1219	0
16	50.85	20.21	0	SLE RA 17	10.69	0	471.98	0.0186	90.3416	0
16	50.85	20.21	0	SLE RA 18	9.18	-4.87	471.98	41.1802	77.5613	0
16	50.85	20.21	0	SLE RA 19	2.55	-7.01	471.98	59.2434	21.5895	0
16	50.85	20.21	0	SLE RA 20	-2.49	-23.25	471.98	196.4484	-21.0114	0
16	50.85	20.21	0	SLE RA 21	1.57	-20.35	471.98	171.915	13.262	0
16	50.85	20.21	0	SLE RA 22	0.06	-25.22	471.98	213.0766	0.4817	0
16	50.85	20.21	0	SLE RA 23	-1.46	-30.09	471.98	254.2381	-12.2986	0
16	50.85	20.21	0	SLE RA 24	1.51	4.87	514.11	-41.1615	12.7803	0
16	50.85	20.21	0	SLE RA 25	0	0	514.11	0	0	0
16	50.85	20.21	0	SLE RA 26	-1.51	-4.87	514.11	41.1615	-12.7803	0
16	50.85	20.21	0	SLE RA 27	-3.33	4.87	514.11	-41.17	-28.1563	0
16	50.85	20.21	0	SLE RA 28	-4.84	0	514.11	-0.0084	-40.9366	0
16	50.85	20.21	0	SLE RA 29	-6.36	-4.87	514.11	41.1531	-53.7169	0
16	50.85	20.21	0	SLE RA 30	1.48	20.03	514.11	-169.2102	12.4914	0
16	50.85	20.21	0	SLE RA 31	-0.03	15.15	514.11	-128.0487	-0.2889	0
16	50.85	20.21	0	SLE RA 32	-1.55	10.28	514.11	-86.8871	-13.0692	0
16	50.85	20.21	0	SLE RA 33	7.93	4.87	514.11	-41.1503	66.9853	0
16	50.85	20.21	0	SLE RA 34	6.41	0	514.11	0.0112	54.205	0
16	50.85	20.21	0	SLE RA 35	4.9	-4.87	514.11	41.1727	41.4247	0
16	50.85	20.21	0	SLE RA 36	1.55	-10.26	514.11	86.6844	13.0693	0
16	50.85	20.21	0	SLE RA 37	0.03	-15.13	514.11	127.8459	0.289	0
16	50.85	20.21	0	SLE RA 38	-1.48	-20	514.11	169.0074	-12.4912	0
16	50.85	20.21	0	SLE RA 39	2.52	8.12	508.21	-68.6025	21.3005	0
16	50.85	20.21	0	SLE RA 40	-2.52	-8.12	508.21	68.6025	-21.3005	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
16	50.85	20.21	0	SLE RA 41	-2.32	8.12	508.21	-68.611	-19.6361	0
16	50.85	20.21	0	SLE RA 42	-7.37	-8.12	508.21	68.5941	-62.2371	0
16	50.85	20.21	0	SLE RA 43	-6.56	4.87	508.21	-41.1756	-55.4473	0
16	50.85	20.21	0	SLE RA 44	-8.07	0	508.21	-0.0141	-68.2276	0
16	50.85	20.21	0	SLE RA 45	-9.59	-4.87	508.21	41.1474	-81.0079	0
16	50.85	20.21	0	SLE RA 46	2.49	23.27	508.21	-196.6512	21.0116	0
16	50.85	20.21	0	SLE RA 47	-2.55	7.04	508.21	-59.4461	-21.5894	0
16	50.85	20.21	0	SLE RA 48	1.46	30.13	508.21	-254.5759	12.2988	0
16	50.85	20.21	0	SLE RA 49	-0.06	25.26	508.21	-213.4144	-0.4815	0
16	50.85	20.21	0	SLE RA 50	-1.57	20.39	508.21	-172.2529	-13.2618	0
16	50.85	20.21	0	SLE RA 51	8.94	8.12	508.21	-68.5913	75.5054	0
16	50.85	20.21	0	SLE RA 52	3.89	-8.12	508.21	68.6137	32.9045	0
16	50.85	20.21	0	SLE RA 53	12.2	4.87	508.21	-41.1429	103.1219	0
16	50.85	20.21	0	SLE RA 54	10.69	0	508.21	0.0186	90.3416	0
16	50.85	20.21	0	SLE RA 55	9.18	-4.87	508.21	41.1802	77.5613	0
16	50.85	20.21	0	SLE RA 56	2.55	-7.01	508.21	59.2434	21.5895	0
16	50.85	20.21	0	SLE RA 57	-2.49	-23.25	508.21	196.4484	-21.0114	0
16	50.85	20.21	0	SLE RA 58	1.57	-20.35	508.21	171.915	13.262	0
16	50.85	20.21	0	SLE RA 59	0.06	-25.22	508.21	213.0766	0.4817	0
16	50.85	20.21	0	SLE RA 60	-1.46	-30.09	508.21	254.2381	-12.2986	0
16	50.85	20.21	0	SLE RA 61	1.51	4.87	550.35	-41.1615	12.7803	0
16	50.85	20.21	0	SLE RA 62	0	0	550.35	0	0	0
16	50.85	20.21	0	SLE RA 63	-1.51	-4.87	550.35	41.1615	-12.7803	0
16	50.85	20.21	0	SLE RA 64	-3.33	4.87	550.35	-41.17	-28.1563	0
16	50.85	20.21	0	SLE RA 65	-4.84	0	550.35	-0.0084	-40.9366	0
16	50.85	20.21	0	SLE RA 66	-6.36	-4.87	550.35	41.1531	-53.7169	0
16	50.85	20.21	0	SLE RA 67	1.48	20.03	550.35	-169.2102	12.4914	0
16	50.85	20.21	0	SLE RA 68	-0.03	15.15	550.35	-128.0487	-0.2889	0
16	50.85	20.21	0	SLE RA 69	-1.55	10.28	550.35	-86.8871	-13.0692	0
16	50.85	20.21	0	SLE RA 70	7.93	4.87	550.35	-41.1503	66.9853	0
16	50.85	20.21	0	SLE RA 71	6.41	0	550.35	0.0112	54.205	0
16	50.85	20.21	0	SLE RA 72	4.9	-4.87	550.35	41.1727	41.4247	0
16	50.85	20.21	0	SLE RA 73	1.55	-10.26	550.35	86.6844	13.0693	0
16	50.85	20.21	0	SLE RA 74	0.03	-15.13	550.35	127.8459	0.289	0
16	50.85	20.21	0	SLE RA 75	-1.48	-20	550.35	169.0074	-12.4912	0
16	50.85	20.21	0	SLE RA 76	1.51	4.87	544.45	-41.1615	12.7803	0
16	50.85	20.21	0	SLE RA 77	0	0	544.45	0	0	0
16	50.85	20.21	0	SLE RA 78	-1.51	-4.87	544.45	41.1615	-12.7803	0
16	50.85	20.21	0	SLE RA 79	-3.33	4.87	544.45	-41.17	-28.1563	0
16	50.85	20.21	0	SLE RA 80	-4.84	0	544.45	-0.0084	-40.9366	0
16	50.85	20.21	0	SLE RA 81	-6.36	-4.87	544.45	41.1531	-53.7169	0
16	50.85	20.21	0	SLE RA 82	1.48	20.03	544.45	-169.2102	12.4914	0
16	50.85	20.21	0	SLE RA 83	-0.03	15.15	544.45	-128.0487	-0.2889	0
16	50.85	20.21	0	SLE RA 84	-1.55	10.28	544.45	-86.8871	-13.0692	0
16	50.85	20.21	0	SLE RA 85	7.93	4.87	544.45	-41.1503	66.9853	0
16	50.85	20.21	0	SLE RA 86	6.41	0	544.45	0.0112	54.205	0
16	50.85	20.21	0	SLE RA 87	4.9	-4.87	544.45	41.1727	41.4247	0
16	50.85	20.21	0	SLE RA 88	1.55	-10.26	544.45	86.6844	13.0693	0
16	50.85	20.21	0	SLE RA 89	0.03	-15.13	544.45	127.8459	0.289	0
16	50.85	20.21	0	SLE RA 90	-1.48	-20	544.45	169.0074	-12.4912	0
16	50.85	20.21	0	SLE FR 1	1.26	4.06	471.98	-34.3013	10.6502	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
16	50.85	20.21	0	SLE FR 2	0	0	471.98	0	0	0
16	50.85	20.21	0	SLE FR 3	-1.26	-4.06	471.98	34.3013	-10.6502	0
16	50.85	20.21	0	SLE FR 4	-1.61	0	471.98	-0.0028	-13.6455	0
16	50.85	20.21	0	SLE FR 5	-0.01	5.05	471.98	-42.6829	-0.0963	0
16	50.85	20.21	0	SLE FR 6	2.14	0	471.98	0.0037	18.0683	0
16	50.85	20.21	0	SLE FR 7	0.01	-5.04	471.98	42.6153	0.0963	0
16	50.85	20.21	0	SLE FR 8	0	0	486.47	0	0	0
16	50.85	20.21	0	SLE QP 1	0	0	471.98	0	0	0
16	50.85	20.21	0	SLO 1	169.12	61.14	471.98	-516.6211	1429.0896	-141.0849
16	50.85	20.21	0	SLO 2	160.66	66.13	471.98	-558.7996	1357.6062	141.0849
16	50.85	20.21	0	SLO 3	196.79	-66.24	471.98	559.7185	1662.8232	-141.0849
16	50.85	20.21	0	SLO 4	188.32	-61.25	471.98	517.54	1591.3398	141.0849
16	50.85	20.21	0	SLO 5	12.44	209.37	471.98	-1769.1989	105.1369	-164.3216
16	50.85	20.21	0	SLO 6	2.59	215.19	471.98	-1818.3242	21.88	164.3216
16	50.85	20.21	0	SLO 7	104.65	-215.22	471.98	1818.5999	884.2488	-164.3216
16	50.85	20.21	0	SLO 8	94.79	-209.41	471.98	1769.4746	800.992	164.3216
16	50.85	20.21	0	SLO 9	-94.79	209.41	471.98	-1769.4746	-800.992	-164.3216
16	50.85	20.21	0	SLO 10	-104.65	215.22	471.98	-1818.5999	-884.2488	164.3216
16	50.85	20.21	0	SLO 11	-2.59	-215.19	471.98	1818.3242	-21.88	-164.3216
16	50.85	20.21	0	SLO 12	-12.44	-209.37	471.98	1769.1989	-105.1369	164.3216
16	50.85	20.21	0	SLO 13	-188.32	61.25	471.98	-517.54	-1591.3398	-141.0849
16	50.85	20.21	0	SLO 14	-196.79	66.24	471.98	-559.7185	-1662.8232	141.0849
16	50.85	20.21	0	SLO 15	-160.66	-66.13	471.98	558.7996	-1357.6062	-141.0849
16	50.85	20.21	0	SLO 16	-169.12	-61.14	471.98	516.6211	-1429.0896	141.0849
16	50.85	20.21	0	SLD 1	146.73	55.31	471.98	-467.3831	1239.8816	-124.1346
16	50.85	20.21	0	SLD 2	139.29	59.7	471.98	-504.4941	1176.9864	124.1346
16	50.85	20.21	0	SLD 3	171.86	-59.8	471.98	505.295	1452.2124	-124.1346
16	50.85	20.21	0	SLD 4	164.42	-55.41	471.98	468.1839	1389.3172	124.1346
16	50.85	20.21	0	SLD 5	9.21	189.23	471.98	-1598.9685	77.8507	-147.4552
16	50.85	20.21	0	SLD 6	0.37	194.44	471.98	-1643.0515	3.1395	147.4552
16	50.85	20.21	0	SLD 7	92.98	-194.47	471.98	1643.2917	785.6201	-147.4552
16	50.85	20.21	0	SLD 8	84.13	-189.26	471.98	1599.2087	710.9089	147.4552
16	50.85	20.21	0	SLD 9	-84.13	189.26	471.98	-1599.2087	-710.9089	-147.4552
16	50.85	20.21	0	SLD 10	-92.98	194.47	471.98	-1643.2917	-785.6201	147.4552
16	50.85	20.21	0	SLD 11	-0.37	-194.44	471.98	1643.0515	-3.1395	-147.4552
16	50.85	20.21	0	SLD 12	-9.21	-189.23	471.98	1598.9685	-77.8507	147.4552
16	50.85	20.21	0	SLD 13	-164.42	55.41	471.98	-468.1839	-1389.3172	-124.1346
16	50.85	20.21	0	SLD 14	-171.86	59.8	471.98	-505.295	-1452.2124	124.1346
16	50.85	20.21	0	SLD 15	-139.29	-59.7	471.98	504.4941	-1176.9864	-124.1346
16	50.85	20.21	0	SLD 16	-146.73	-55.31	471.98	467.3831	-1239.8816	124.1346
16	50.85	20.21	0	SLV FO 1	171.3	62.8	471.98	-530.6987	1447.4555	-143.5461
16	50.85	20.21	0	SLV FO 2	162.69	67.88	471.98	-573.613	1374.7249	143.5461
16	50.85	20.21	0	SLV FO 3	199.7	-67.99	471.98	574.5447	1687.4634	-143.5461
16	50.85	20.21	0	SLV FO 4	191.09	-62.92	471.98	531.6304	1614.7329	143.5461
16	50.85	20.21	0	SLV FO 5	12.06	215	471.98	-1816.7698	101.9604	-168.336
16	50.85	20.21	0	SLV FO 6	1.97	220.96	471.98	-1867.0953	16.6696	168.336
16	50.85	20.21	0	SLV FO 7	106.75	-220.99	471.98	1867.3748	901.9869	-168.336
16	50.85	20.21	0	SLV FO 8	96.65	-215.04	471.98	1817.0493	816.6961	168.336
16	50.85	20.21	0	SLV FO 9	-96.65	215.04	471.98	-1817.0493	-816.6961	-168.336
16	50.85	20.21	0	SLV FO 10	-106.75	220.99	471.98	-1867.3748	-901.9869	168.336
16	50.85	20.21	0	SLV FO 11	-1.97	-220.96	471.98	1867.0953	-16.6696	-168.336

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
16	50.85	20.21	0	SLV FO 12	-12.06	-215	471.98	1816.7698	-101.9604	168.336
16	50.85	20.21	0	SLV FO 13	-191.09	62.92	471.98	-531.6304	-1614.7329	-143.5461
16	50.85	20.21	0	SLV FO 14	-199.7	67.99	471.98	-574.5447	-1687.4634	143.5461
16	50.85	20.21	0	SLV FO 15	-162.69	-67.88	471.98	573.613	-1374.7249	-143.5461
16	50.85	20.21	0	SLV FO 16	-171.3	-62.8	471.98	530.6987	-1447.4555	143.5461
17	59.19	20.21	0	SLU 1	17.13	13.9	448.76	-117.497	144.7135	0
17	59.19	20.21	0	SLU 2	0	0	448.76	0	0	0
17	59.19	20.21	0	SLU 3	-17.13	-13.9	448.76	117.497	-144.7135	0
17	59.19	20.21	0	SLU 4	6.3	13.88	448.76	-117.3	53.2046	0
17	59.19	20.21	0	SLU 5	-27.96	-13.93	448.76	117.694	-236.2224	0
17	59.19	20.21	0	SLU 6	-7.77	8.3	448.76	-70.1699	-65.6867	0
17	59.19	20.21	0	SLU 7	-18.05	-0.04	448.76	0.3283	-152.5148	0
17	59.19	20.21	0	SLU 8	-28.32	-8.38	448.76	70.8265	-239.3429	0
17	59.19	20.21	0	SLU 9	17.05	39.78	448.76	-336.1726	144.0736	0
17	59.19	20.21	0	SLU 10	-17.2	11.97	448.76	-101.1785	-145.3533	0
17	59.19	20.21	0	SLU 11	10.15	51.47	448.76	-434.9575	85.7617	0
17	59.19	20.21	0	SLU 12	-0.13	43.13	448.76	-364.4592	-1.0664	0
17	59.19	20.21	0	SLU 13	-10.4	34.79	448.76	-293.961	-87.8945	0
17	59.19	20.21	0	SLU 14	31.47	13.94	448.76	-117.7579	265.8823	0
17	59.19	20.21	0	SLU 15	-2.79	-13.87	448.76	117.2362	-23.5447	0
17	59.19	20.21	0	SLU 16	34.17	8.39	448.76	-70.9329	288.7761	0
17	59.19	20.21	0	SLU 17	23.9	0.05	448.76	-0.4347	201.948	0
17	59.19	20.21	0	SLU 18	13.62	-8.29	448.76	70.0635	115.1199	0
17	59.19	20.21	0	SLU 19	17.2	-11.95	448.76	100.9586	145.3542	0
17	59.19	20.21	0	SLU 20	-17.05	-39.76	448.76	335.9527	-144.0728	0
17	59.19	20.21	0	SLU 21	10.4	-34.74	448.76	293.5946	87.8959	0
17	59.19	20.21	0	SLU 22	0.13	-43.09	448.76	364.0928	1.0678	0
17	59.19	20.21	0	SLU 23	-10.15	-51.43	448.76	434.591	-85.7603	0
17	59.19	20.21	0	SLU 24	10.28	8.34	480.36	-70.4982	86.8281	0
17	59.19	20.21	0	SLU 25	0	0	480.36	0	0	0
17	59.19	20.21	0	SLU 26	-10.28	-8.34	480.36	70.4982	-86.8281	0
17	59.19	20.21	0	SLU 27	-0.55	8.32	480.36	-70.3012	-4.6808	0
17	59.19	20.21	0	SLU 28	-10.83	-0.02	480.36	0.197	-91.5089	0
17	59.19	20.21	0	SLU 29	-21.1	-8.37	480.36	70.6952	-178.337	0
17	59.19	20.21	0	SLU 30	10.2	34.22	480.36	-289.1738	86.1882	0
17	59.19	20.21	0	SLU 31	-0.08	25.88	480.36	-218.6755	-0.6398	0
17	59.19	20.21	0	SLU 32	-10.35	17.54	480.36	-148.1773	-87.4679	0
17	59.19	20.21	0	SLU 33	24.62	8.37	480.36	-70.759	207.9969	0
17	59.19	20.21	0	SLU 34	14.34	0.03	480.36	-0.2608	121.1688	0
17	59.19	20.21	0	SLU 35	4.06	-8.31	480.36	70.2374	34.3407	0
17	59.19	20.21	0	SLU 36	10.35	-17.51	480.36	147.9575	87.4688	0
17	59.19	20.21	0	SLU 37	0.08	-25.85	480.36	218.4557	0.6407	0
17	59.19	20.21	0	SLU 38	-10.2	-34.2	480.36	288.9539	-86.1874	0
17	59.19	20.21	0	SLU 39	17.13	13.9	475.94	-117.497	144.7135	0
17	59.19	20.21	0	SLU 40	-17.13	-13.9	475.94	117.497	-144.7135	0
17	59.19	20.21	0	SLU 41	6.3	13.88	475.94	-117.3	53.2046	0
17	59.19	20.21	0	SLU 42	-27.96	-13.93	475.94	117.694	-236.2224	0
17	59.19	20.21	0	SLU 43	-7.77	8.3	475.94	-70.1699	-65.6867	0
17	59.19	20.21	0	SLU 44	-18.05	-0.04	475.94	0.3283	-152.5148	0
17	59.19	20.21	0	SLU 45	-28.32	-8.38	475.94	70.8265	-239.3429	0
17	59.19	20.21	0	SLU 46	17.05	39.78	475.94	-336.1726	144.0736	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
17	59.19	20.21	0	SLU 47	-17.2	11.97	475.94	-101.1785	-145.3533	0
17	59.19	20.21	0	SLU 48	10.15	51.47	475.94	-434.9575	85.7617	0
17	59.19	20.21	0	SLU 49	-0.13	43.13	475.94	-364.4592	-1.0664	0
17	59.19	20.21	0	SLU 50	-10.4	34.79	475.94	-293.961	-87.8945	0
17	59.19	20.21	0	SLU 51	31.47	13.94	475.94	-117.7579	265.8823	0
17	59.19	20.21	0	SLU 52	-2.79	-13.87	475.94	117.2362	-23.5447	0
17	59.19	20.21	0	SLU 53	34.17	8.39	475.94	-70.9329	288.7761	0
17	59.19	20.21	0	SLU 54	23.9	0.05	475.94	-0.4347	201.948	0
17	59.19	20.21	0	SLU 55	13.62	-8.29	475.94	70.0635	115.1199	0
17	59.19	20.21	0	SLU 56	17.2	-11.95	475.94	100.9586	145.3542	0
17	59.19	20.21	0	SLU 57	-17.05	-39.76	475.94	335.9527	-144.0728	0
17	59.19	20.21	0	SLU 58	10.4	-34.74	475.94	293.5946	87.8959	0
17	59.19	20.21	0	SLU 59	0.13	-43.09	475.94	364.0928	1.0678	0
17	59.19	20.21	0	SLU 60	-10.15	-51.43	475.94	434.591	-85.7603	0
17	59.19	20.21	0	SLU 61	10.28	8.34	507.54	-70.4982	86.8281	0
17	59.19	20.21	0	SLU 62	0	0	507.54	0	0	0
17	59.19	20.21	0	SLU 63	-10.28	-8.34	507.54	70.4982	-86.8281	0
17	59.19	20.21	0	SLU 64	-0.55	8.32	507.54	-70.3012	-4.6808	0
17	59.19	20.21	0	SLU 65	-10.83	-0.02	507.54	0.197	-91.5089	0
17	59.19	20.21	0	SLU 66	-21.1	-8.37	507.54	70.6952	-178.337	0
17	59.19	20.21	0	SLU 67	10.2	34.22	507.54	-289.1738	86.1882	0
17	59.19	20.21	0	SLU 68	-0.08	25.88	507.54	-218.6755	-0.6398	0
17	59.19	20.21	0	SLU 69	-10.35	17.54	507.54	-148.1773	-87.4679	0
17	59.19	20.21	0	SLU 70	24.62	8.37	507.54	-70.759	207.9969	0
17	59.19	20.21	0	SLU 71	14.34	0.03	507.54	-0.2608	121.1688	0
17	59.19	20.21	0	SLU 72	4.06	-8.31	507.54	70.2374	34.3407	0
17	59.19	20.21	0	SLU 73	10.35	-17.51	507.54	147.9575	87.4688	0
17	59.19	20.21	0	SLU 74	0.08	-25.85	507.54	218.4557	0.6407	0
17	59.19	20.21	0	SLU 75	-10.2	-34.2	507.54	288.9539	-86.1874	0
17	59.19	20.21	0	SLU 76	10.28	8.34	503.12	-70.4982	86.8281	0
17	59.19	20.21	0	SLU 77	0	0	503.12	0	0	0
17	59.19	20.21	0	SLU 78	-10.28	-8.34	503.12	70.4982	-86.8281	0
17	59.19	20.21	0	SLU 79	-0.55	8.32	503.12	-70.3012	-4.6808	0
17	59.19	20.21	0	SLU 80	-10.83	-0.02	503.12	0.197	-91.5089	0
17	59.19	20.21	0	SLU 81	-21.1	-8.37	503.12	70.6952	-178.337	0
17	59.19	20.21	0	SLU 82	10.2	34.22	503.12	-289.1738	86.1882	0
17	59.19	20.21	0	SLU 83	-0.08	25.88	503.12	-218.6755	-0.6398	0
17	59.19	20.21	0	SLU 84	-10.35	17.54	503.12	-148.1773	-87.4679	0
17	59.19	20.21	0	SLU 85	24.62	8.37	503.12	-70.759	207.9969	0
17	59.19	20.21	0	SLU 86	14.34	0.03	503.12	-0.2608	121.1688	0
17	59.19	20.21	0	SLU 87	4.06	-8.31	503.12	70.2374	34.3407	0
17	59.19	20.21	0	SLU 88	10.35	-17.51	503.12	147.9575	87.4688	0
17	59.19	20.21	0	SLU 89	0.08	-25.85	503.12	218.4557	0.6407	0
17	59.19	20.21	0	SLU 90	-10.2	-34.2	503.12	288.9539	-86.1874	0
17	59.19	20.21	0	SLE RA 1	11.42	9.27	342.61	-78.3314	96.4757	0
17	59.19	20.21	0	SLE RA 2	0	0	342.61	0	0	0
17	59.19	20.21	0	SLE RA 3	-11.42	-9.27	342.61	78.3313	-96.4757	0
17	59.19	20.21	0	SLE RA 4	4.2	9.25	342.61	-78.2	35.4697	0
17	59.19	20.21	0	SLE RA 5	-18.64	-9.29	342.61	78.4627	-157.4816	0
17	59.19	20.21	0	SLE RA 6	-5.18	5.54	342.61	-46.7799	-43.7912	0
17	59.19	20.21	0	SLE RA 7	-12.03	-0.03	342.61	0.2189	-101.6766	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
17	59.19	20.21	0	SLE RA 8	-18.88	-5.59	342.61	47.2177	-159.562	0
17	59.19	20.21	0	SLE RA 9	11.37	26.52	342.61	-224.115	96.0491	0
17	59.19	20.21	0	SLE RA 10	-11.47	7.98	342.61	-67.4523	-96.9022	0
17	59.19	20.21	0	SLE RA 11	6.77	34.32	342.61	-289.9716	57.1745	0
17	59.19	20.21	0	SLE RA 12	-0.08	28.75	342.61	-242.9728	-0.7109	0
17	59.19	20.21	0	SLE RA 13	-6.93	23.19	342.61	-195.974	-58.5963	0
17	59.19	20.21	0	SLE RA 14	20.98	9.29	342.61	-78.5052	177.2549	0
17	59.19	20.21	0	SLE RA 15	-1.86	-9.25	342.61	78.1575	-15.6964	0
17	59.19	20.21	0	SLE RA 16	22.78	5.6	342.61	-47.2886	192.5174	0
17	59.19	20.21	0	SLE RA 17	15.93	0.03	342.61	-0.2898	134.632	0
17	59.19	20.21	0	SLE RA 18	9.08	-5.53	342.61	46.709	76.7466	0
17	59.19	20.21	0	SLE RA 19	11.47	-7.97	342.61	67.3058	96.9028	0
17	59.19	20.21	0	SLE RA 20	-11.37	-26.51	342.61	223.9685	-96.0486	0
17	59.19	20.21	0	SLE RA 21	6.93	-23.16	342.61	195.7297	58.5972	0
17	59.19	20.21	0	SLE RA 22	0.08	-28.73	342.61	242.7285	0.7119	0
17	59.19	20.21	0	SLE RA 23	-6.77	-34.29	342.61	289.7273	-57.1735	0
17	59.19	20.21	0	SLE RA 24	6.85	5.56	363.67	-46.9988	57.8854	0
17	59.19	20.21	0	SLE RA 25	0	0	363.67	0	0	0
17	59.19	20.21	0	SLE RA 26	-6.85	-5.56	363.67	46.9988	-57.8854	0
17	59.19	20.21	0	SLE RA 27	-0.37	5.55	363.67	-46.8675	-3.1205	0
17	59.19	20.21	0	SLE RA 28	-7.22	-0.02	363.67	0.1313	-61.0059	0
17	59.19	20.21	0	SLE RA 29	-14.07	-5.58	363.67	47.1301	-118.8913	0
17	59.19	20.21	0	SLE RA 30	6.8	22.81	363.67	-192.7825	57.4588	0
17	59.19	20.21	0	SLE RA 31	-0.05	17.25	363.67	-145.7837	-0.4266	0
17	59.19	20.21	0	SLE RA 32	-6.9	11.69	363.67	-98.7849	-58.312	0
17	59.19	20.21	0	SLE RA 33	16.41	5.58	363.67	-47.1727	138.6646	0
17	59.19	20.21	0	SLE RA 34	9.56	0.02	363.67	-0.1739	80.7792	0
17	59.19	20.21	0	SLE RA 35	2.71	-5.54	363.67	46.8249	22.8938	0
17	59.19	20.21	0	SLE RA 36	6.9	-11.67	363.67	98.6383	58.3125	0
17	59.19	20.21	0	SLE RA 37	0.05	-17.24	363.67	145.6371	0.4271	0
17	59.19	20.21	0	SLE RA 38	-6.8	-22.8	363.67	192.6359	-57.4583	0
17	59.19	20.21	0	SLE RA 39	11.42	9.27	360.72	-78.3314	96.4757	0
17	59.19	20.21	0	SLE RA 40	-11.42	-9.27	360.72	78.3313	-96.4757	0
17	59.19	20.21	0	SLE RA 41	4.2	9.25	360.72	-78.2	35.4697	0
17	59.19	20.21	0	SLE RA 42	-18.64	-9.29	360.72	78.4627	-157.4816	0
17	59.19	20.21	0	SLE RA 43	-5.18	5.54	360.72	-46.7799	-43.7912	0
17	59.19	20.21	0	SLE RA 44	-12.03	-0.03	360.72	0.2189	-101.6766	0
17	59.19	20.21	0	SLE RA 45	-18.88	-5.59	360.72	47.2177	-159.562	0
17	59.19	20.21	0	SLE RA 46	11.37	26.52	360.72	-224.115	96.0491	0
17	59.19	20.21	0	SLE RA 47	-11.47	7.98	360.72	-67.4523	-96.9022	0
17	59.19	20.21	0	SLE RA 48	6.77	34.32	360.72	-289.9716	57.1745	0
17	59.19	20.21	0	SLE RA 49	-0.08	28.75	360.72	-242.9728	-0.7109	0
17	59.19	20.21	0	SLE RA 50	-6.93	23.19	360.72	-195.974	-58.5963	0
17	59.19	20.21	0	SLE RA 51	20.98	9.29	360.72	-78.5052	177.2549	0
17	59.19	20.21	0	SLE RA 52	-1.86	-9.25	360.72	78.1575	-15.6964	0
17	59.19	20.21	0	SLE RA 53	22.78	5.6	360.72	-47.2886	192.5174	0
17	59.19	20.21	0	SLE RA 54	15.93	0.03	360.72	-0.2898	134.632	0
17	59.19	20.21	0	SLE RA 55	9.08	-5.53	360.72	46.709	76.7466	0
17	59.19	20.21	0	SLE RA 56	11.47	-7.97	360.72	67.3058	96.9028	0
17	59.19	20.21	0	SLE RA 57	-11.37	-26.51	360.72	223.9685	-96.0486	0
17	59.19	20.21	0	SLE RA 58	6.93	-23.16	360.72	195.7297	58.5972	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
17	59.19	20.21	0	SLE RA 59	0.08	-28.73	360.72	242.7285	0.7119	0
17	59.19	20.21	0	SLE RA 60	-6.77	-34.29	360.72	289.7273	-57.1735	0
17	59.19	20.21	0	SLE RA 61	6.85	5.56	381.79	-46.9988	57.8854	0
17	59.19	20.21	0	SLE RA 62	0	0	381.79	0	0	0
17	59.19	20.21	0	SLE RA 63	-6.85	-5.56	381.79	46.9988	-57.8854	0
17	59.19	20.21	0	SLE RA 64	-0.37	5.55	381.79	-46.8675	-3.1205	0
17	59.19	20.21	0	SLE RA 65	-7.22	-0.02	381.79	0.1313	-61.0059	0
17	59.19	20.21	0	SLE RA 66	-14.07	-5.58	381.79	47.1301	-118.8913	0
17	59.19	20.21	0	SLE RA 67	6.8	22.81	381.79	-192.7825	57.4588	0
17	59.19	20.21	0	SLE RA 68	-0.05	17.25	381.79	-145.7837	-0.4266	0
17	59.19	20.21	0	SLE RA 69	-6.9	11.69	381.79	-98.7849	-58.312	0
17	59.19	20.21	0	SLE RA 70	16.41	5.58	381.79	-47.1727	138.6646	0
17	59.19	20.21	0	SLE RA 71	9.56	0.02	381.79	-0.1739	80.7792	0
17	59.19	20.21	0	SLE RA 72	2.71	-5.54	381.79	46.8249	22.8938	0
17	59.19	20.21	0	SLE RA 73	6.9	-11.67	381.79	98.6383	58.3125	0
17	59.19	20.21	0	SLE RA 74	0.05	-17.24	381.79	145.6371	0.4271	0
17	59.19	20.21	0	SLE RA 75	-6.8	-22.8	381.79	192.6359	-57.4583	0
17	59.19	20.21	0	SLE RA 76	6.85	5.56	378.84	-46.9988	57.8854	0
17	59.19	20.21	0	SLE RA 77	0	0	378.84	0	0	0
17	59.19	20.21	0	SLE RA 78	-6.85	-5.56	378.84	46.9988	-57.8854	0
17	59.19	20.21	0	SLE RA 79	-0.37	5.55	378.84	-46.8675	-3.1205	0
17	59.19	20.21	0	SLE RA 80	-7.22	-0.02	378.84	0.1313	-61.0059	0
17	59.19	20.21	0	SLE RA 81	-14.07	-5.58	378.84	47.1301	-118.8913	0
17	59.19	20.21	0	SLE RA 82	6.8	22.81	378.84	-192.7825	57.4588	0
17	59.19	20.21	0	SLE RA 83	-0.05	17.25	378.84	-145.7837	-0.4266	0
17	59.19	20.21	0	SLE RA 84	-6.9	11.69	378.84	-98.7849	-58.312	0
17	59.19	20.21	0	SLE RA 85	16.41	5.58	378.84	-47.1727	138.6646	0
17	59.19	20.21	0	SLE RA 86	9.56	0.02	378.84	-0.1739	80.7792	0
17	59.19	20.21	0	SLE RA 87	2.71	-5.54	378.84	46.8249	22.8938	0
17	59.19	20.21	0	SLE RA 88	6.9	-11.67	378.84	98.6383	58.3125	0
17	59.19	20.21	0	SLE RA 89	0.05	-17.24	378.84	145.6371	0.4271	0
17	59.19	20.21	0	SLE RA 90	-6.8	-22.8	378.84	192.6359	-57.4583	0
17	59.19	20.21	0	SLE FR 1	5.71	4.63	342.61	-39.1657	48.2378	0
17	59.19	20.21	0	SLE FR 2	0	0	342.61	0	0	0
17	59.19	20.21	0	SLE FR 3	-5.71	-4.63	342.61	39.1657	-48.2378	0
17	59.19	20.21	0	SLE FR 4	-2.41	-0.01	342.61	0.0438	-20.3353	0
17	59.19	20.21	0	SLE FR 5	-0.02	5.75	342.61	-48.5946	-0.1422	0
17	59.19	20.21	0	SLE FR 6	3.19	0.01	342.61	-0.058	26.9264	0
17	59.19	20.21	0	SLE FR 7	0.02	-5.75	342.61	48.5457	0.1424	0
17	59.19	20.21	0	SLE FR 8	0	0	349.85	0	0	0
17	59.19	20.21	0	SLE QP 1	0	0	342.61	0	0	0
17	59.19	20.21	0	SLO 1	251.94	77.95	342.61	-658.5732	2128.8623	-91.1599
17	59.19	20.21	0	SLO 2	239.32	95.67	342.61	-808.1095	2022.291	91.1599
17	59.19	20.21	0	SLO 3	293.14	-95.1	342.61	803.3509	2477.0098	-91.1599
17	59.19	20.21	0	SLO 4	280.53	-77.39	342.61	653.8146	2370.4385	91.1599
17	59.19	20.21	0	SLO 5	18.54	278.19	342.61	-2350.1715	156.7111	-106.174
17	59.19	20.21	0	SLO 6	3.85	298.82	342.61	-2524.3365	32.5874	106.174
17	59.19	20.21	0	SLO 7	155.89	-298.65	342.61	2522.9089	1317.2029	-106.174
17	59.19	20.21	0	SLO 8	141.2	-278.02	342.61	2348.7439	1193.0792	106.174
17	59.19	20.21	0	SLO 9	-141.2	278.02	342.61	-2348.7439	-1193.0792	-106.174
17	59.19	20.21	0	SLO 10	-155.89	298.65	342.61	-2522.9089	-1317.2029	106.174

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
17	59.19	20.21	0	SLO 11	-3.85	-298.82	342.61	2524.3365	-32.5874	-106.174
17	59.19	20.21	0	SLO 12	-18.54	-278.19	342.61	2350.1715	-156.7111	106.174
17	59.19	20.21	0	SLO 13	-280.53	77.39	342.61	-653.8146	-2370.4385	-91.1599
17	59.19	20.21	0	SLO 14	-293.14	95.1	342.61	-803.3509	-2477.0098	91.1599
17	59.19	20.21	0	SLO 15	-239.32	-95.67	342.61	808.1095	-2022.291	-91.1599
17	59.19	20.21	0	SLO 16	-251.94	-77.95	342.61	658.5732	-2128.8623	91.1599
17	59.19	20.21	0	SLD 1	218.58	70.61	342.61	-596.5266	1847.0073	-80.2077
17	59.19	20.21	0	SLD 2	207.48	86.19	342.61	-728.0973	1753.2397	80.2077
17	59.19	20.21	0	SLD 3	256.01	-85.69	342.61	723.8933	2163.2751	-80.2077
17	59.19	20.21	0	SLD 4	244.91	-70.11	342.61	592.3226	2069.5075	80.2077
17	59.19	20.21	0	SLD 5	13.73	251.32	342.61	-2123.1863	116.0558	-95.276
17	59.19	20.21	0	SLD 6	0.55	269.83	342.61	-2279.4745	4.6725	95.276
17	59.19	20.21	0	SLD 7	138.5	-269.68	342.61	2278.2133	1170.282	-95.276
17	59.19	20.21	0	SLD 8	125.32	-251.17	342.61	2121.9251	1058.8987	95.276
17	59.19	20.21	0	SLD 9	-125.32	251.17	342.61	-2121.9251	-1058.8987	-95.276
17	59.19	20.21	0	SLD 10	-138.5	269.68	342.61	-2278.2133	-1170.282	95.276
17	59.19	20.21	0	SLD 11	-0.55	-269.83	342.61	2279.4745	-4.6725	-95.276
17	59.19	20.21	0	SLD 12	-13.73	-251.32	342.61	2123.1863	-116.0558	95.276
17	59.19	20.21	0	SLD 13	-244.91	70.11	342.61	-592.3226	-2069.5075	-80.2077
17	59.19	20.21	0	SLD 14	-256.01	85.69	342.61	-723.8933	-2163.2751	80.2077
17	59.19	20.21	0	SLD 15	-207.48	-86.19	342.61	728.0973	-1753.2397	-80.2077
17	59.19	20.21	0	SLD 16	-218.58	-70.61	342.61	596.5266	-1847.0073	80.2077
17	59.19	20.21	0	SLV FO 1	255.17	80.13	342.61	-676.9428	2156.2216	-92.7502
17	59.19	20.21	0	SLV FO 2	242.34	98.15	342.61	-829.0878	2047.7911	92.7502
17	59.19	20.21	0	SLV FO 3	297.48	-97.57	342.61	824.2394	2513.7148	-92.7502
17	59.19	20.21	0	SLV FO 4	284.65	-79.55	342.61	672.0944	2405.2844	92.7502
17	59.19	20.21	0	SLV FO 5	17.98	285.68	342.61	-2413.4877	151.9818	-108.7679
17	59.19	20.21	0	SLV FO 6	2.93	306.82	342.61	-2591.9077	24.8258	108.7679
17	59.19	20.21	0	SLV FO 7	159.01	-306.65	342.61	2590.4532	1343.626	-108.7679
17	59.19	20.21	0	SLV FO 8	143.96	-285.51	342.61	2412.0332	1216.47	108.7679
17	59.19	20.21	0	SLV FO 9	-143.96	285.51	342.61	-2412.0332	-1216.47	-108.7679
17	59.19	20.21	0	SLV FO 10	-159.01	306.65	342.61	-2590.4532	-1343.626	108.7679
17	59.19	20.21	0	SLV FO 11	-2.93	-306.82	342.61	2591.9077	-24.8258	-108.7679
17	59.19	20.21	0	SLV FO 12	-17.98	-285.68	342.61	2413.4877	-151.9818	108.7679
17	59.19	20.21	0	SLV FO 13	-284.65	79.55	342.61	-672.0944	-2405.2844	-92.7502
17	59.19	20.21	0	SLV FO 14	-297.48	97.57	342.61	-824.2394	-2513.7148	92.7502
17	59.19	20.21	0	SLV FO 15	-242.34	-98.15	342.61	829.0878	-2047.7911	-92.7502
17	59.19	20.21	0	SLV FO 16	-255.17	-80.13	342.61	676.9428	-2156.2216	92.7502
18	0	0	2.65	SLU 1	-8.89	-8.35	382.05	70.5616	-75.1015	0
18	0	0	2.65	SLU 2	0	0	382.05	0	0	0
18	0	0	2.65	SLU 3	8.89	8.35	382.05	-70.5616	75.1015	0
18	0	0	2.65	SLU 4	-19.62	-8.36	382.05	70.6565	-165.8068	0
18	0	0	2.65	SLU 5	-1.85	8.34	382.05	-70.4668	-15.6038	0
18	0	0	2.65	SLU 6	-23.22	-5.03	382.05	42.4951	-196.2364	0
18	0	0	2.65	SLU 7	-17.89	-0.02	382.05	0.1581	-151.1755	0
18	0	0	2.65	SLU 8	-12.56	4.99	382.05	-42.1789	-106.1146	0
18	0	0	2.65	SLU 9	-8.89	16.63	382.05	-140.4868	-75.0971	0
18	0	0	2.65	SLU 10	8.89	33.33	382.05	-281.61	75.1059	0
18	0	0	2.65	SLU 11	-5.33	36.62	382.05	-309.4104	-45.0536	0
18	0	0	2.65	SLU 12	0	41.63	382.05	-351.7473	0.0073	0
18	0	0	2.65	SLU 13	5.33	46.64	382.05	-394.0843	45.0682	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
18	0	0	2.65	SLU 14	-0.79	-8.34	382.05	70.4901	-6.6778	0
18	0	0	2.65	SLU 15	16.99	8.36	382.05	-70.6332	143.5253	0
18	0	0	2.65	SLU 16	8.16	-5	382.05	42.2177	68.9786	0
18	0	0	2.65	SLU 17	13.5	0.01	382.05	-0.1193	114.0396	0
18	0	0	2.65	SLU 18	18.83	5.02	382.05	-42.4562	159.1005	0
18	0	0	2.65	SLU 19	-8.89	-33.34	382.05	281.746	-75.1061	0
18	0	0	2.65	SLU 20	8.89	-16.64	382.05	140.6227	75.0969	0
18	0	0	2.65	SLU 21	-5.33	-46.66	382.05	394.3109	-45.0686	0
18	0	0	2.65	SLU 22	0	-41.65	382.05	351.9739	-0.0077	0
18	0	0	2.65	SLU 23	5.33	-36.64	382.05	309.637	45.0532	0
18	0	0	2.65	SLU 24	-5.33	-5.01	406.97	42.337	-45.0609	0
18	0	0	2.65	SLU 25	0	0	406.97	0	0	0
18	0	0	2.65	SLU 26	5.33	5.01	406.97	-42.337	45.0609	0
18	0	0	2.65	SLU 27	-16.07	-5.02	406.97	42.4318	-135.7662	0
18	0	0	2.65	SLU 28	-10.73	-0.01	406.97	0.0949	-90.7053	0
18	0	0	2.65	SLU 29	-5.4	5	406.97	-42.2421	-45.6444	0
18	0	0	2.65	SLU 30	-5.33	19.97	406.97	-168.7114	-45.0565	0
18	0	0	2.65	SLU 31	0	24.98	406.97	-211.0484	0.0044	0
18	0	0	2.65	SLU 32	5.33	29.99	406.97	-253.3854	45.0653	0
18	0	0	2.65	SLU 33	2.76	-5	406.97	42.2654	23.3628	0
18	0	0	2.65	SLU 34	8.1	0.01	406.97	-0.0716	68.4237	0
18	0	0	2.65	SLU 35	13.43	5.02	406.97	-42.4085	113.4847	0
18	0	0	2.65	SLU 36	-5.33	-30	406.97	253.5214	-45.0655	0
18	0	0	2.65	SLU 37	0	-24.99	406.97	211.1844	-0.0046	0
18	0	0	2.65	SLU 38	5.33	-19.98	406.97	168.8474	45.0563	0
18	0	0	2.65	SLU 39	-8.89	-8.35	403.48	70.5616	-75.1015	0
18	0	0	2.65	SLU 40	8.89	8.35	403.48	-70.5616	75.1015	0
18	0	0	2.65	SLU 41	-19.62	-8.36	403.48	70.6565	-165.8068	0
18	0	0	2.65	SLU 42	-1.85	8.34	403.48	-70.4668	-15.6038	0
18	0	0	2.65	SLU 43	-23.22	-5.03	403.48	42.4951	-196.2364	0
18	0	0	2.65	SLU 44	-17.89	-0.02	403.48	0.1581	-151.1755	0
18	0	0	2.65	SLU 45	-12.56	4.99	403.48	-42.1789	-106.1146	0
18	0	0	2.65	SLU 46	-8.89	16.63	403.48	-140.4868	-75.0971	0
18	0	0	2.65	SLU 47	8.89	33.33	403.48	-281.61	75.1059	0
18	0	0	2.65	SLU 48	-5.33	36.62	403.48	-309.4104	-45.0536	0
18	0	0	2.65	SLU 49	0	41.63	403.48	-351.7473	0.0073	0
18	0	0	2.65	SLU 50	5.33	46.64	403.48	-394.0843	45.0682	0
18	0	0	2.65	SLU 51	-0.79	-8.34	403.48	70.4901	-6.6778	0
18	0	0	2.65	SLU 52	16.99	8.36	403.48	-70.6332	143.5253	0
18	0	0	2.65	SLU 53	8.16	-5	403.48	42.2177	68.9786	0
18	0	0	2.65	SLU 54	13.5	0.01	403.48	-0.1193	114.0396	0
18	0	0	2.65	SLU 55	18.83	5.02	403.48	-42.4562	159.1005	0
18	0	0	2.65	SLU 56	-8.89	-33.34	403.48	281.746	-75.1061	0
18	0	0	2.65	SLU 57	8.89	-16.64	403.48	140.6227	75.0969	0
18	0	0	2.65	SLU 58	-5.33	-46.66	403.48	394.3109	-45.0686	0
18	0	0	2.65	SLU 59	0	-41.65	403.48	351.9739	-0.0077	0
18	0	0	2.65	SLU 60	5.33	-36.64	403.48	309.637	45.0532	0
18	0	0	2.65	SLU 61	-5.33	-5.01	428.39	42.337	-45.0609	0
18	0	0	2.65	SLU 62	0	0	428.39	0	0	0
18	0	0	2.65	SLU 63	5.33	5.01	428.39	-42.337	45.0609	0
18	0	0	2.65	SLU 64	-16.07	-5.02	428.39	42.4318	-135.7662	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
18	0	0	2.65	SLU 65	-10.73	-0.01	428.39	0.0949	-90.7053	0
18	0	0	2.65	SLU 66	-5.4	5	428.39	-42.2421	-45.6444	0
18	0	0	2.65	SLU 67	-5.33	19.97	428.39	-168.7114	-45.0565	0
18	0	0	2.65	SLU 68	0	24.98	428.39	-211.0484	0.0044	0
18	0	0	2.65	SLU 69	5.33	29.99	428.39	-253.3854	45.0653	0
18	0	0	2.65	SLU 70	2.76	-5	428.39	42.2654	23.3628	0
18	0	0	2.65	SLU 71	8.1	0.01	428.39	-0.0716	68.4237	0
18	0	0	2.65	SLU 72	13.43	5.02	428.39	-42.4085	113.4847	0
18	0	0	2.65	SLU 73	-5.33	-30	428.39	253.5214	-45.0655	0
18	0	0	2.65	SLU 74	0	-24.99	428.39	211.1844	-0.0046	0
18	0	0	2.65	SLU 75	5.33	-19.98	428.39	168.8474	45.0563	0
18	0	0	2.65	SLU 76	-5.33	-5.01	424.9	42.337	-45.0609	0
18	0	0	2.65	SLU 77	0	0	424.9	0	0	0
18	0	0	2.65	SLU 78	5.33	5.01	424.9	-42.337	45.0609	0
18	0	0	2.65	SLU 79	-16.07	-5.02	424.9	42.4318	-135.7662	0
18	0	0	2.65	SLU 80	-10.73	-0.01	424.9	0.0949	-90.7053	0
18	0	0	2.65	SLU 81	-5.4	5	424.9	-42.2421	-45.6444	0
18	0	0	2.65	SLU 82	-5.33	19.97	424.9	-168.7114	-45.0565	0
18	0	0	2.65	SLU 83	0	24.98	424.9	-211.0484	0.0044	0
18	0	0	2.65	SLU 84	5.33	29.99	424.9	-253.3854	45.0653	0
18	0	0	2.65	SLU 85	2.76	-5	424.9	42.2654	23.3628	0
18	0	0	2.65	SLU 86	8.1	0.01	424.9	-0.0716	68.4237	0
18	0	0	2.65	SLU 87	13.43	5.02	424.9	-42.4085	113.4847	0
18	0	0	2.65	SLU 88	-5.33	-30	424.9	253.5214	-45.0655	0
18	0	0	2.65	SLU 89	0	-24.99	424.9	211.1844	-0.0046	0
18	0	0	2.65	SLU 90	5.33	-19.98	424.9	168.8474	45.0563	0
18	0	0	2.65	SLE RA 1	-5.93	-5.57	291.84	47.0411	-50.0677	0
18	0	0	2.65	SLE RA 2	0	0	291.84	0	0	0
18	0	0	2.65	SLE RA 3	5.93	5.57	291.84	-47.0411	50.0677	0
18	0	0	2.65	SLE RA 4	-13.08	-5.57	291.84	47.1043	-110.5379	0
18	0	0	2.65	SLE RA 5	-1.23	5.56	291.84	-46.9779	-10.4025	0
18	0	0	2.65	SLE RA 6	-15.48	-3.35	291.84	28.33	-130.8243	0
18	0	0	2.65	SLE RA 7	-11.93	-0.01	291.84	0.1054	-100.7837	0
18	0	0	2.65	SLE RA 8	-8.37	3.33	291.84	-28.1193	-70.7431	0
18	0	0	2.65	SLE RA 9	-5.92	11.08	291.84	-93.6578	-50.0648	0
18	0	0	2.65	SLE RA 10	5.93	22.22	291.84	-187.74	50.0706	0
18	0	0	2.65	SLE RA 11	-3.55	24.41	291.84	-206.2736	-30.0357	0
18	0	0	2.65	SLE RA 12	0	27.75	291.84	-234.4982	0.0049	0
18	0	0	2.65	SLE RA 13	3.56	31.09	291.84	-262.7229	30.0455	0
18	0	0	2.65	SLE RA 14	-0.53	-5.56	291.84	46.9934	-4.4519	0
18	0	0	2.65	SLE RA 15	11.32	5.57	291.84	-47.0888	95.6835	0
18	0	0	2.65	SLE RA 16	5.44	-3.33	291.84	28.1452	45.9858	0
18	0	0	2.65	SLE RA 17	9	0.01	291.84	-0.0795	76.0264	0
18	0	0	2.65	SLE RA 18	12.55	3.35	291.84	-28.3042	106.067	0
18	0	0	2.65	SLE RA 19	-5.93	-22.23	291.84	187.8307	-50.0708	0
18	0	0	2.65	SLE RA 20	5.92	-11.09	291.84	93.7485	50.0646	0
18	0	0	2.65	SLE RA 21	-3.56	-31.11	291.84	262.874	-30.0457	0
18	0	0	2.65	SLE RA 22	0	-27.77	291.84	234.6493	-0.0051	0
18	0	0	2.65	SLE RA 23	3.55	-24.43	291.84	206.4246	30.0355	0
18	0	0	2.65	SLE RA 24	-3.56	-3.34	308.45	28.2247	-30.0406	0
18	0	0	2.65	SLE RA 25	0	0	308.45	0	0	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
18	0	0	2.65	SLE RA 26	3.56	3.34	308.45	-28.2247	30.0406	0
18	0	0	2.65	SLE RA 27	-10.71	-3.35	308.45	28.2879	-90.5108	0
18	0	0	2.65	SLE RA 28	-7.16	-0.01	308.45	0.0632	-60.4702	0
18	0	0	2.65	SLE RA 29	-3.6	3.33	308.45	-28.1614	-30.4296	0
18	0	0	2.65	SLE RA 30	-3.55	13.31	308.45	-112.4743	-30.0377	0
18	0	0	2.65	SLE RA 31	0	16.65	308.45	-140.6989	0.0029	0
18	0	0	2.65	SLE RA 32	3.56	19.99	308.45	-168.9236	30.0435	0
18	0	0	2.65	SLE RA 33	1.84	-3.33	308.45	28.177	15.5752	0
18	0	0	2.65	SLE RA 34	5.4	0.01	308.45	-0.0477	45.6158	0
18	0	0	2.65	SLE RA 35	8.95	3.35	308.45	-28.2724	75.6564	0
18	0	0	2.65	SLE RA 36	-3.56	-20	308.45	169.0142	-30.0437	0
18	0	0	2.65	SLE RA 37	0	-16.66	308.45	140.7896	-0.0031	0
18	0	0	2.65	SLE RA 38	3.55	-13.32	308.45	112.5649	30.0375	0
18	0	0	2.65	SLE RA 39	-5.93	-5.57	306.13	47.0411	-50.0677	0
18	0	0	2.65	SLE RA 40	5.93	5.57	306.13	-47.0411	50.0677	0
18	0	0	2.65	SLE RA 41	-13.08	-5.57	306.13	47.1043	-110.5379	0
18	0	0	2.65	SLE RA 42	-1.23	5.56	306.13	-46.9779	-10.4025	0
18	0	0	2.65	SLE RA 43	-15.48	-3.35	306.13	28.33	-130.8243	0
18	0	0	2.65	SLE RA 44	-11.93	-0.01	306.13	0.1054	-100.7837	0
18	0	0	2.65	SLE RA 45	-8.37	3.33	306.13	-28.1193	-70.7431	0
18	0	0	2.65	SLE RA 46	-5.92	11.08	306.13	-93.6578	-50.0648	0
18	0	0	2.65	SLE RA 47	5.93	22.22	306.13	-187.74	50.0706	0
18	0	0	2.65	SLE RA 48	-3.55	24.41	306.13	-206.2736	-30.0357	0
18	0	0	2.65	SLE RA 49	0	27.75	306.13	-234.4982	0.0049	0
18	0	0	2.65	SLE RA 50	3.56	31.09	306.13	-262.7229	30.0455	0
18	0	0	2.65	SLE RA 51	-0.53	-5.56	306.13	46.9934	-4.4519	0
18	0	0	2.65	SLE RA 52	11.32	5.57	306.13	-47.0888	95.6835	0
18	0	0	2.65	SLE RA 53	5.44	-3.33	306.13	28.1452	45.9858	0
18	0	0	2.65	SLE RA 54	9	0.01	306.13	-0.0795	76.0264	0
18	0	0	2.65	SLE RA 55	12.55	3.35	306.13	-28.3042	106.067	0
18	0	0	2.65	SLE RA 56	-5.93	-22.23	306.13	187.8307	-50.0708	0
18	0	0	2.65	SLE RA 57	5.92	-11.09	306.13	93.7485	50.0646	0
18	0	0	2.65	SLE RA 58	-3.56	-31.11	306.13	262.874	-30.0457	0
18	0	0	2.65	SLE RA 59	0	-27.77	306.13	234.6493	-0.0051	0
18	0	0	2.65	SLE RA 60	3.55	-24.43	306.13	206.4246	30.0355	0
18	0	0	2.65	SLE RA 61	-3.56	-3.34	322.73	28.2247	-30.0406	0
18	0	0	2.65	SLE RA 62	0	0	322.73	0	0	0
18	0	0	2.65	SLE RA 63	3.56	3.34	322.73	-28.2247	30.0406	0
18	0	0	2.65	SLE RA 64	-10.71	-3.35	322.73	28.2879	-90.5108	0
18	0	0	2.65	SLE RA 65	-7.16	-0.01	322.73	0.0632	-60.4702	0
18	0	0	2.65	SLE RA 66	-3.6	3.33	322.73	-28.1614	-30.4296	0
18	0	0	2.65	SLE RA 67	-3.55	13.31	322.73	-112.4743	-30.0377	0
18	0	0	2.65	SLE RA 68	0	16.65	322.73	-140.6989	0.0029	0
18	0	0	2.65	SLE RA 69	3.56	19.99	322.73	-168.9236	30.0435	0
18	0	0	2.65	SLE RA 70	1.84	-3.33	322.73	28.177	15.5752	0
18	0	0	2.65	SLE RA 71	5.4	0.01	322.73	-0.0477	45.6158	0
18	0	0	2.65	SLE RA 72	8.95	3.35	322.73	-28.2724	75.6564	0
18	0	0	2.65	SLE RA 73	-3.56	-20	322.73	169.0142	-30.0437	0
18	0	0	2.65	SLE RA 74	0	-16.66	322.73	140.7896	-0.0031	0
18	0	0	2.65	SLE RA 75	3.55	-13.32	322.73	112.5649	30.0375	0
18	0	0	2.65	SLE RA 76	-3.56	-3.34	320.41	28.2247	-30.0406	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
18	0	0	2.65	SLE RA 77	0	0	320.41	0	0	0
18	0	0	2.65	SLE RA 78	3.56	3.34	320.41	-28.2247	30.0406	0
18	0	0	2.65	SLE RA 79	-10.71	-3.35	320.41	28.2879	-90.5108	0
18	0	0	2.65	SLE RA 80	-7.16	-0.01	320.41	0.0632	-60.4702	0
18	0	0	2.65	SLE RA 81	-3.6	3.33	320.41	-28.1614	-30.4296	0
18	0	0	2.65	SLE RA 82	-3.55	13.31	320.41	-112.4743	-30.0377	0
18	0	0	2.65	SLE RA 83	0	16.65	320.41	-140.6989	0.0029	0
18	0	0	2.65	SLE RA 84	3.56	19.99	320.41	-168.9236	30.0435	0
18	0	0	2.65	SLE RA 85	1.84	-3.33	320.41	28.177	15.5752	0
18	0	0	2.65	SLE RA 86	5.4	0.01	320.41	-0.0477	45.6158	0
18	0	0	2.65	SLE RA 87	8.95	3.35	320.41	-28.2724	75.6564	0
18	0	0	2.65	SLE RA 88	-3.56	-20	320.41	169.0142	-30.0437	0
18	0	0	2.65	SLE RA 89	0	-16.66	320.41	140.7896	-0.0031	0
18	0	0	2.65	SLE RA 90	3.55	-13.32	320.41	112.5649	30.0375	0
18	0	0	2.65	SLE FR 1	-2.96	-2.78	291.84	23.5205	-25.0338	0
18	0	0	2.65	SLE FR 2	0	0	291.84	0	0	0
18	0	0	2.65	SLE FR 3	2.96	2.78	291.84	-23.5205	25.0338	0
18	0	0	2.65	SLE FR 4	-2.39	0	291.84	0.0211	-20.1567	0
18	0	0	2.65	SLE FR 5	0	5.55	291.84	-46.8996	0.001	0
18	0	0	2.65	SLE FR 6	1.8	0	291.84	-0.0159	15.2053	0
18	0	0	2.65	SLE FR 7	0	-5.55	291.84	46.9299	-0.001	0
18	0	0	2.65	SLE FR 8	0	0	297.56	0	0	0
18	0	0	2.65	SLE QP 1	0	0	291.84	0	0	0
18	0	0	2.65	SLO 1	191.93	73.78	291.84	-623.3712	1621.8476	-83.2603
18	0	0	2.65	SLO 2	201.27	56.1	291.84	-474.1338	1700.7142	83.2603
18	0	0	2.65	SLO 3	191.93	-55.89	291.84	472.4057	1621.8436	-83.2603
18	0	0	2.65	SLO 4	201.27	-73.58	291.84	621.6431	1700.7102	83.2603
18	0	0	2.65	SLO 5	53.07	227.35	291.84	-1921.0016	448.4782	-105.3856
18	0	0	2.65	SLO 6	64.89	204.97	291.84	-1732.1065	548.3025	105.3856
18	0	0	2.65	SLO 7	53.07	-204.9	291.84	1731.588	448.4649	-105.3856
18	0	0	2.65	SLO 8	64.89	-227.29	291.84	1920.4831	548.2891	105.3856
18	0	0	2.65	SLO 9	-64.89	227.29	291.84	-1920.4831	-548.2891	-105.3856
18	0	0	2.65	SLO 10	-53.07	204.9	291.84	-1731.588	-448.4649	105.3856
18	0	0	2.65	SLO 11	-64.89	-204.97	291.84	1732.1065	-548.3025	-105.3856
18	0	0	2.65	SLO 12	-53.07	-227.35	291.84	1921.0016	-448.4782	105.3856
18	0	0	2.65	SLO 13	-201.27	73.58	291.84	-621.6431	-1700.7102	-83.2603
18	0	0	2.65	SLO 14	-191.93	55.89	291.84	-472.4057	-1621.8436	83.2603
18	0	0	2.65	SLO 15	-201.27	-56.1	291.84	474.1338	-1700.7142	-83.2603
18	0	0	2.65	SLO 16	-191.93	-73.78	291.84	623.3712	-1621.8476	83.2603
18	0	0	2.65	SLD 1	167.03	66.77	291.84	-564.1079	1411.3944	-73.3486
18	0	0	2.65	SLD 2	175.25	51.19	291.84	-432.6364	1480.8723	73.3486
18	0	0	2.65	SLD 3	167.03	-51.01	291.84	431.1322	1411.3909	-73.3486
18	0	0	2.65	SLD 4	175.25	-66.59	291.84	562.6037	1480.8688	73.3486
18	0	0	2.65	SLD 5	46.04	206.38	291.84	-1743.7826	389.0192	-94.647
18	0	0	2.65	SLD 6	56.65	186.27	291.84	-1574.1355	478.6716	94.647
18	0	0	2.65	SLD 7	46.04	-186.22	291.84	1573.6842	389.0074	-94.647
18	0	0	2.65	SLD 8	56.65	-206.33	291.84	1743.3313	478.6598	94.647
18	0	0	2.65	SLD 9	-56.65	206.33	291.84	-1743.3313	-478.6598	-94.647
18	0	0	2.65	SLD 10	-46.04	186.22	291.84	-1573.6842	-389.0074	94.647
18	0	0	2.65	SLD 11	-56.65	-186.27	291.84	1574.1355	-478.6716	-94.647
18	0	0	2.65	SLD 12	-46.04	-206.38	291.84	1743.7826	-389.0192	94.647

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
18	0	0	2.65	SLD 13	-175.25	66.59	291.84	-562.6037	-1480.8688	-73.3486
18	0	0	2.65	SLD 14	-167.03	51.01	291.84	-431.1322	-1411.3909	73.3486
18	0	0	2.65	SLD 15	-175.25	-51.19	291.84	432.6364	-1480.8723	-73.3486
18	0	0	2.65	SLD 16	-167.03	-66.77	291.84	564.1079	-1411.3944	73.3486
18	0	0	2.65	SLV FO 1	194.57	75.69	291.84	-639.4304	1644.1321	-84.7493
18	0	0	2.65	SLV FO 2	204.07	57.68	291.84	-487.5242	1724.4091	84.7493
18	0	0	2.65	SLV FO 3	194.57	-57.47	291.84	485.7722	1644.128	-84.7493
18	0	0	2.65	SLV FO 4	204.07	-75.48	291.84	637.6784	1724.405	84.7493
18	0	0	2.65	SLV FO 5	53.74	233.43	291.84	-1972.3835	454.141	-107.9915
18	0	0	2.65	SLV FO 6	65.85	210.49	291.84	-1778.8174	556.4337	107.9915
18	0	0	2.65	SLV FO 7	53.74	-210.43	291.84	1778.2918	454.1274	-107.9915
18	0	0	2.65	SLV FO 8	65.85	-233.37	291.84	1971.8579	556.4201	107.9915
18	0	0	2.65	SLV FO 9	-65.85	233.37	291.84	-1971.8579	-556.4201	-107.9915
18	0	0	2.65	SLV FO 10	-53.74	210.43	291.84	-1778.2918	-454.1274	107.9915
18	0	0	2.65	SLV FO 11	-65.85	-210.49	291.84	1778.8174	-556.4337	-107.9915
18	0	0	2.65	SLV FO 12	-53.74	-233.43	291.84	1972.3835	-454.141	107.9915
18	0	0	2.65	SLV FO 13	-204.07	75.48	291.84	-637.6784	-1724.405	-84.7493
18	0	0	2.65	SLV FO 14	-194.57	57.47	291.84	-485.7722	-1644.128	84.7493
18	0	0	2.65	SLV FO 15	-204.07	-57.68	291.84	487.5242	-1724.4091	-84.7493
18	0	0	2.65	SLV FO 16	-194.57	-75.69	291.84	639.4304	-1644.1321	84.7493
19	9.6	0	2.65	SLU 1	0	-8.35	555.89	70.5842	0.0001	0
19	9.6	0	2.65	SLU 2	0	0	555.89	0	0	0
19	9.6	0	2.65	SLU 3	0	8.35	555.89	-70.5842	-0.0001	0
19	9.6	0	2.65	SLU 4	-10.73	-8.35	555.89	70.5845	-90.6934	0
19	9.6	0	2.65	SLU 5	-10.73	8.35	555.89	-70.5839	-90.6937	0
19	9.6	0	2.65	SLU 6	-17.89	-5.01	555.89	42.3511	-151.1559	0
19	9.6	0	2.65	SLU 7	-17.89	0	555.89	0.0006	-151.1559	0
19	9.6	0	2.65	SLU 8	-17.89	5.01	555.89	-42.35	-151.156	0
19	9.6	0	2.65	SLU 9	0	16.75	555.89	-141.5136	0.0002	0
19	9.6	0	2.65	SLU 10	0	33.45	555.89	-282.682	-0.0001	0
19	9.6	0	2.65	SLU 11	0	36.82	555.89	-311.1458	0.0002	0
19	9.6	0	2.65	SLU 12	0	41.83	555.89	-353.4963	0.0001	0
19	9.6	0	2.65	SLU 13	0	46.85	555.89	-395.8468	0	0
19	9.6	0	2.65	SLU 14	8.1	-8.35	555.89	70.584	68.415	0
19	9.6	0	2.65	SLU 15	8.1	8.35	555.89	-70.5845	68.4147	0
19	9.6	0	2.65	SLU 16	13.49	-5.01	555.89	42.3501	114.0249	0
19	9.6	0	2.65	SLU 17	13.49	0	555.89	-0.0004	114.0248	0
19	9.6	0	2.65	SLU 18	13.49	5.01	555.89	-42.3509	114.0247	0
19	9.6	0	2.65	SLU 19	0	-33.48	555.89	282.9036	0.0001	0
19	9.6	0	2.65	SLU 20	0	-16.77	555.89	141.7351	-0.0001	0
19	9.6	0	2.65	SLU 21	0	-46.89	555.89	396.2161	0.0001	0
19	9.6	0	2.65	SLU 22	0	-41.88	555.89	353.8656	0	0
19	9.6	0	2.65	SLU 23	0	-36.87	555.89	311.5151	-0.0001	0
19	9.6	0	2.65	SLU 24	0	-5.01	605.72	42.3505	0.0001	0
19	9.6	0	2.65	SLU 25	0	0	605.72	0	0	0
19	9.6	0	2.65	SLU 26	0	5.01	605.72	-42.3505	-0.0001	0
19	9.6	0	2.65	SLU 27	-10.73	-5.01	605.72	42.3509	-90.6935	0
19	9.6	0	2.65	SLU 28	-10.73	0	605.72	0.0003	-90.6936	0
19	9.6	0	2.65	SLU 29	-10.73	5.01	605.72	-42.3502	-90.6936	0
19	9.6	0	2.65	SLU 30	0	20.09	605.72	-169.7473	0.0001	0
19	9.6	0	2.65	SLU 31	0	25.1	605.72	-212.0978	0.0001	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
19	9.6	0	2.65	SLU 32	0	30.11	605.72	-254.4483	0	0
19	9.6	0	2.65	SLU 33	8.1	-5.01	605.72	42.3503	68.415	0
19	9.6	0	2.65	SLU 34	8.1	0	605.72	-0.0003	68.4149	0
19	9.6	0	2.65	SLU 35	8.1	5.01	605.72	-42.3508	68.4148	0
19	9.6	0	2.65	SLU 36	0	-30.14	605.72	254.6699	0.0001	0
19	9.6	0	2.65	SLU 37	0	-25.13	605.72	212.3194	0	0
19	9.6	0	2.65	SLU 38	0	-20.12	605.72	169.9688	-0.0001	0
19	9.6	0	2.65	SLU 39	0	-8.35	598.74	70.5842	0.0001	0
19	9.6	0	2.65	SLU 40	0	8.35	598.74	-70.5842	-0.0001	0
19	9.6	0	2.65	SLU 41	-10.73	-8.35	598.74	70.5845	-90.6934	0
19	9.6	0	2.65	SLU 42	-10.73	8.35	598.74	-70.5839	-90.6937	0
19	9.6	0	2.65	SLU 43	-17.89	-5.01	598.74	42.3511	-151.1559	0
19	9.6	0	2.65	SLU 44	-17.89	0	598.74	0.0006	-151.1559	0
19	9.6	0	2.65	SLU 45	-17.89	5.01	598.74	-42.35	-151.156	0
19	9.6	0	2.65	SLU 46	0	16.75	598.74	-141.5136	0.0002	0
19	9.6	0	2.65	SLU 47	0	33.45	598.74	-282.682	-0.0001	0
19	9.6	0	2.65	SLU 48	0	36.82	598.74	-311.1458	0.0002	0
19	9.6	0	2.65	SLU 49	0	41.83	598.74	-353.4963	0.0001	0
19	9.6	0	2.65	SLU 50	0	46.85	598.74	-395.8468	0	0
19	9.6	0	2.65	SLU 51	8.1	-8.35	598.74	70.584	68.415	0
19	9.6	0	2.65	SLU 52	8.1	8.35	598.74	-70.5845	68.4147	0
19	9.6	0	2.65	SLU 53	13.49	-5.01	598.74	42.3501	114.0249	0
19	9.6	0	2.65	SLU 54	13.49	0	598.74	-0.0004	114.0248	0
19	9.6	0	2.65	SLU 55	13.49	5.01	598.74	-42.3509	114.0247	0
19	9.6	0	2.65	SLU 56	0	-33.48	598.74	282.9036	0.0001	0
19	9.6	0	2.65	SLU 57	0	-16.77	598.74	141.7351	-0.0001	0
19	9.6	0	2.65	SLU 58	0	-46.89	598.74	396.2161	0.0001	0
19	9.6	0	2.65	SLU 59	0	-41.88	598.74	353.8656	0	0
19	9.6	0	2.65	SLU 60	0	-36.87	598.74	311.5151	-0.0001	0
19	9.6	0	2.65	SLU 61	0	-5.01	648.56	42.3505	0.0001	0
19	9.6	0	2.65	SLU 62	0	0	648.56	0	0	0
19	9.6	0	2.65	SLU 63	0	5.01	648.56	-42.3505	-0.0001	0
19	9.6	0	2.65	SLU 64	-10.73	-5.01	648.56	42.3509	-90.6935	0
19	9.6	0	2.65	SLU 65	-10.73	0	648.56	0.0003	-90.6936	0
19	9.6	0	2.65	SLU 66	-10.73	5.01	648.56	-42.3502	-90.6936	0
19	9.6	0	2.65	SLU 67	0	20.09	648.56	-169.7473	0.0001	0
19	9.6	0	2.65	SLU 68	0	25.1	648.56	-212.0978	0.0001	0
19	9.6	0	2.65	SLU 69	0	30.11	648.56	-254.4483	0	0
19	9.6	0	2.65	SLU 70	8.1	-5.01	648.56	42.3503	68.415	0
19	9.6	0	2.65	SLU 71	8.1	0	648.56	-0.0003	68.4149	0
19	9.6	0	2.65	SLU 72	8.1	5.01	648.56	-42.3508	68.4148	0
19	9.6	0	2.65	SLU 73	0	-30.14	648.56	254.6699	0.0001	0
19	9.6	0	2.65	SLU 74	0	-25.13	648.56	212.3194	0	0
19	9.6	0	2.65	SLU 75	0	-20.12	648.56	169.9688	-0.0001	0
19	9.6	0	2.65	SLU 76	0	-5.01	641.59	42.3505	0.0001	0
19	9.6	0	2.65	SLU 77	0	0	641.59	0	0	0
19	9.6	0	2.65	SLU 78	0	5.01	641.59	-42.3505	-0.0001	0
19	9.6	0	2.65	SLU 79	-10.73	-5.01	641.59	42.3509	-90.6935	0
19	9.6	0	2.65	SLU 80	-10.73	0	641.59	0.0003	-90.6936	0
19	9.6	0	2.65	SLU 81	-10.73	5.01	641.59	-42.3502	-90.6936	0
19	9.6	0	2.65	SLU 82	0	20.09	641.59	-169.7473	0.0001	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
19	9.6	0	2.65	SLU 83	0	25.1	641.59	-212.0978	0.0001	0
19	9.6	0	2.65	SLU 84	0	30.11	641.59	-254.4483	0	0
19	9.6	0	2.65	SLU 85	8.1	-5.01	641.59	42.3503	68.415	0
19	9.6	0	2.65	SLU 86	8.1	0	641.59	-0.0003	68.4149	0
19	9.6	0	2.65	SLU 87	8.1	5.01	641.59	-42.3508	68.4148	0
19	9.6	0	2.65	SLU 88	0	-30.14	641.59	254.6699	0.0001	0
19	9.6	0	2.65	SLU 89	0	-25.13	641.59	212.3194	0	0
19	9.6	0	2.65	SLU 90	0	-20.12	641.59	169.9688	-0.0001	0
19	9.6	0	2.65	SLE RA 1	0	-5.57	423.52	47.0561	0.0001	0
19	9.6	0	2.65	SLE RA 2	0	0	423.52	0	0	0
19	9.6	0	2.65	SLE RA 3	0	5.57	423.52	-47.0561	-0.0001	0
19	9.6	0	2.65	SLE RA 4	-7.16	-5.57	423.52	47.0564	-60.4623	0
19	9.6	0	2.65	SLE RA 5	-7.16	5.57	423.52	-47.0559	-60.4625	0
19	9.6	0	2.65	SLE RA 6	-11.93	-3.34	423.52	28.2341	-100.7706	0
19	9.6	0	2.65	SLE RA 7	-11.93	0	423.52	0.0004	-100.7706	0
19	9.6	0	2.65	SLE RA 8	-11.93	3.34	423.52	-28.2333	-100.7707	0
19	9.6	0	2.65	SLE RA 9	0	11.17	423.52	-94.3424	0.0001	0
19	9.6	0	2.65	SLE RA 10	0	22.3	423.52	-188.4547	0	0
19	9.6	0	2.65	SLE RA 11	0	24.55	423.52	-207.4305	0.0001	0
19	9.6	0	2.65	SLE RA 12	0	27.89	423.52	-235.6642	0.0001	0
19	9.6	0	2.65	SLE RA 13	0	31.23	423.52	-263.8979	0	0
19	9.6	0	2.65	SLE RA 14	5.4	-5.57	423.52	47.056	45.61	0
19	9.6	0	2.65	SLE RA 15	5.4	5.57	423.52	-47.0563	45.6098	0
19	9.6	0	2.65	SLE RA 16	9	-3.34	423.52	28.2334	76.0166	0
19	9.6	0	2.65	SLE RA 17	9	0	423.52	-0.0003	76.0165	0
19	9.6	0	2.65	SLE RA 18	9	3.34	423.52	-28.234	76.0165	0
19	9.6	0	2.65	SLE RA 19	0	-22.32	423.52	188.6024	0.0001	0
19	9.6	0	2.65	SLE RA 20	0	-11.18	423.52	94.4901	-0.0001	0
19	9.6	0	2.65	SLE RA 21	0	-31.26	423.52	264.1441	0.0001	0
19	9.6	0	2.65	SLE RA 22	0	-27.92	423.52	235.9104	0	0
19	9.6	0	2.65	SLE RA 23	0	-24.58	423.52	207.6767	0	0
19	9.6	0	2.65	SLE RA 24	0	-3.34	456.74	28.2337	0.0001	0
19	9.6	0	2.65	SLE RA 25	0	0	456.74	0	0	0
19	9.6	0	2.65	SLE RA 26	0	3.34	456.74	-28.2337	-0.0001	0
19	9.6	0	2.65	SLE RA 27	-7.16	-3.34	456.74	28.2339	-60.4623	0
19	9.6	0	2.65	SLE RA 28	-7.16	0	456.74	0.0002	-60.4624	0
19	9.6	0	2.65	SLE RA 29	-7.16	3.34	456.74	-28.2335	-60.4624	0
19	9.6	0	2.65	SLE RA 30	0	13.39	456.74	-113.1648	0.0001	0
19	9.6	0	2.65	SLE RA 31	0	16.73	456.74	-141.3985	0	0
19	9.6	0	2.65	SLE RA 32	0	20.08	456.74	-169.6322	0	0
19	9.6	0	2.65	SLE RA 33	5.4	-3.34	456.74	28.2335	45.61	0
19	9.6	0	2.65	SLE RA 34	5.4	0	456.74	-0.0002	45.6099	0
19	9.6	0	2.65	SLE RA 35	5.4	3.34	456.74	-28.2339	45.6099	0
19	9.6	0	2.65	SLE RA 36	0	-20.09	456.74	169.7799	0.0001	0
19	9.6	0	2.65	SLE RA 37	0	-16.75	456.74	141.5462	0	0
19	9.6	0	2.65	SLE RA 38	0	-13.41	456.74	113.3126	0	0
19	9.6	0	2.65	SLE RA 39	0	-5.57	452.09	47.0561	0.0001	0
19	9.6	0	2.65	SLE RA 40	0	5.57	452.09	-47.0561	-0.0001	0
19	9.6	0	2.65	SLE RA 41	-7.16	-5.57	452.09	47.0564	-60.4623	0
19	9.6	0	2.65	SLE RA 42	-7.16	5.57	452.09	-47.0559	-60.4625	0
19	9.6	0	2.65	SLE RA 43	-11.93	-3.34	452.09	28.2341	-100.7706	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
19	9.6	0	2.65	SLE RA 44	-11.93	0	452.09	0.0004	-100.7706	0
19	9.6	0	2.65	SLE RA 45	-11.93	3.34	452.09	-28.2333	-100.7707	0
19	9.6	0	2.65	SLE RA 46	0	11.17	452.09	-94.3424	0.0001	0
19	9.6	0	2.65	SLE RA 47	0	22.3	452.09	-188.4547	0	0
19	9.6	0	2.65	SLE RA 48	0	24.55	452.09	-207.4305	0.0001	0
19	9.6	0	2.65	SLE RA 49	0	27.89	452.09	-235.6642	0.0001	0
19	9.6	0	2.65	SLE RA 50	0	31.23	452.09	-263.8979	0	0
19	9.6	0	2.65	SLE RA 51	5.4	-5.57	452.09	47.056	45.61	0
19	9.6	0	2.65	SLE RA 52	5.4	5.57	452.09	-47.0563	45.6098	0
19	9.6	0	2.65	SLE RA 53	9	-3.34	452.09	28.2334	76.0166	0
19	9.6	0	2.65	SLE RA 54	9	0	452.09	-0.0003	76.0165	0
19	9.6	0	2.65	SLE RA 55	9	3.34	452.09	-28.234	76.0165	0
19	9.6	0	2.65	SLE RA 56	0	-22.32	452.09	188.6024	0.0001	0
19	9.6	0	2.65	SLE RA 57	0	-11.18	452.09	94.4901	-0.0001	0
19	9.6	0	2.65	SLE RA 58	0	-31.26	452.09	264.1441	0.0001	0
19	9.6	0	2.65	SLE RA 59	0	-27.92	452.09	235.9104	0	0
19	9.6	0	2.65	SLE RA 60	0	-24.58	452.09	207.6767	0	0
19	9.6	0	2.65	SLE RA 61	0	-3.34	485.3	28.2337	0.0001	0
19	9.6	0	2.65	SLE RA 62	0	0	485.3	0	0	0
19	9.6	0	2.65	SLE RA 63	0	3.34	485.3	-28.2337	-0.0001	0
19	9.6	0	2.65	SLE RA 64	-7.16	-3.34	485.3	28.2339	-60.4623	0
19	9.6	0	2.65	SLE RA 65	-7.16	0	485.3	0.0002	-60.4624	0
19	9.6	0	2.65	SLE RA 66	-7.16	3.34	485.3	-28.2335	-60.4624	0
19	9.6	0	2.65	SLE RA 67	0	13.39	485.3	-113.1648	0.0001	0
19	9.6	0	2.65	SLE RA 68	0	16.73	485.3	-141.3985	0	0
19	9.6	0	2.65	SLE RA 69	0	20.08	485.3	-169.6322	0	0
19	9.6	0	2.65	SLE RA 70	5.4	-3.34	485.3	28.2335	45.61	0
19	9.6	0	2.65	SLE RA 71	5.4	0	485.3	-0.0002	45.6099	0
19	9.6	0	2.65	SLE RA 72	5.4	3.34	485.3	-28.2339	45.6099	0
19	9.6	0	2.65	SLE RA 73	0	-20.09	485.3	169.7799	0.0001	0
19	9.6	0	2.65	SLE RA 74	0	-16.75	485.3	141.5462	0	0
19	9.6	0	2.65	SLE RA 75	0	-13.41	485.3	113.3126	0	0
19	9.6	0	2.65	SLE RA 76	0	-3.34	480.65	28.2337	0.0001	0
19	9.6	0	2.65	SLE RA 77	0	0	480.65	0	0	0
19	9.6	0	2.65	SLE RA 78	0	3.34	480.65	-28.2337	-0.0001	0
19	9.6	0	2.65	SLE RA 79	-7.16	-3.34	480.65	28.2339	-60.4623	0
19	9.6	0	2.65	SLE RA 80	-7.16	0	480.65	0.0002	-60.4624	0
19	9.6	0	2.65	SLE RA 81	-7.16	3.34	480.65	-28.2335	-60.4624	0
19	9.6	0	2.65	SLE RA 82	0	13.39	480.65	-113.1648	0.0001	0
19	9.6	0	2.65	SLE RA 83	0	16.73	480.65	-141.3985	0	0
19	9.6	0	2.65	SLE RA 84	0	20.08	480.65	-169.6322	0	0
19	9.6	0	2.65	SLE RA 85	5.4	-3.34	480.65	28.2335	45.61	0
19	9.6	0	2.65	SLE RA 86	5.4	0	480.65	-0.0002	45.6099	0
19	9.6	0	2.65	SLE RA 87	5.4	3.34	480.65	-28.2339	45.6099	0
19	9.6	0	2.65	SLE RA 88	0	-20.09	480.65	169.7799	0.0001	0
19	9.6	0	2.65	SLE RA 89	0	-16.75	480.65	141.5462	0	0
19	9.6	0	2.65	SLE RA 90	0	-13.41	480.65	113.3126	0	0
19	9.6	0	2.65	SLE FR 1	0	-2.78	423.52	23.5281	0	0
19	9.6	0	2.65	SLE FR 2	0	0	423.52	0	0	0
19	9.6	0	2.65	SLE FR 3	0	2.78	423.52	-23.5281	0	0
19	9.6	0	2.65	SLE FR 4	-2.39	0	423.52	0.0001	-20.1541	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
19	9.6	0	2.65	SLE FR 5	0	5.58	423.52	-47.1328	0	0
19	9.6	0	2.65	SLE FR 6	1.8	0	423.52	-0.0001	15.2033	0
19	9.6	0	2.65	SLE FR 7	0	-5.58	423.52	47.1821	0	0
19	9.6	0	2.65	SLE FR 8	0	0	434.95	0	0	0
19	9.6	0	2.65	SLE QP 1	0	0	423.52	0	0	0
19	9.6	0	2.65	SLO 1	191.98	64.93	423.52	-548.6231	1622.2701	-137.4082
19	9.6	0	2.65	SLO 2	201.32	64.92	423.52	-548.606	1701.1082	137.4082
19	9.6	0	2.65	SLO 3	191.98	-64.92	423.52	548.585	1622.2662	-137.4082
19	9.6	0	2.65	SLO 4	201.31	-64.92	423.52	548.6021	1701.1043	137.4082
19	9.6	0	2.65	SLO 5	53.09	216.41	423.52	-1828.6942	448.6186	-173.9225
19	9.6	0	2.65	SLO 6	64.9	216.41	423.52	-1828.6725	548.4068	173.9225
19	9.6	0	2.65	SLO 7	53.09	-216.41	423.52	1828.6662	448.6055	-173.9225
19	9.6	0	2.65	SLO 8	64.9	-216.41	423.52	1828.6879	548.3937	173.9225
19	9.6	0	2.65	SLO 9	-64.9	216.41	423.52	-1828.6879	-548.3937	-173.9225
19	9.6	0	2.65	SLO 10	-53.09	216.41	423.52	-1828.6662	-448.6055	173.9225
19	9.6	0	2.65	SLO 11	-64.9	-216.41	423.52	1828.6725	-548.4068	-173.9225
19	9.6	0	2.65	SLO 12	-53.09	-216.41	423.52	1828.6942	-448.6186	173.9225
19	9.6	0	2.65	SLO 13	-201.31	64.92	423.52	-548.6021	-1701.1043	-137.4082
19	9.6	0	2.65	SLO 14	-191.98	64.92	423.52	-548.585	-1622.2662	137.4082
19	9.6	0	2.65	SLO 15	-201.32	-64.92	423.52	548.606	-1701.1082	-137.4082
19	9.6	0	2.65	SLO 16	-191.98	-64.93	423.52	548.6231	-1622.2701	137.4082
19	9.6	0	2.65	SLD 1	167.07	58.97	423.52	-498.2867	1411.7624	-121.0505
19	9.6	0	2.65	SLD 2	175.29	58.97	423.52	-498.2716	1481.2153	121.0505
19	9.6	0	2.65	SLD 3	167.07	-58.97	423.52	498.2533	1411.7589	-121.0505
19	9.6	0	2.65	SLD 4	175.29	-58.97	423.52	498.2683	1481.2118	121.0505
19	9.6	0	2.65	SLD 5	46.05	196.56	423.52	-1660.9124	389.142	-156.2002
19	9.6	0	2.65	SLD 6	56.66	196.56	423.52	-1660.8929	478.762	156.2002
19	9.6	0	2.65	SLD 7	46.05	-196.56	423.52	1660.8874	389.1303	-156.2002
19	9.6	0	2.65	SLD 8	56.66	-196.56	423.52	1660.9069	478.7503	156.2002
19	9.6	0	2.65	SLD 9	-56.66	196.56	423.52	-1660.9069	-478.7503	-156.2002
19	9.6	0	2.65	SLD 10	-46.05	196.56	423.52	-1660.8874	-389.1303	156.2002
19	9.6	0	2.65	SLD 11	-56.66	-196.56	423.52	1660.8929	-478.762	-156.2002
19	9.6	0	2.65	SLD 12	-46.05	-196.56	423.52	1660.9124	-389.142	156.2002
19	9.6	0	2.65	SLD 13	-175.29	58.97	423.52	-498.2683	-1481.2118	-121.0505
19	9.6	0	2.65	SLD 14	-167.07	58.97	423.52	-498.2533	-1411.7589	121.0505
19	9.6	0	2.65	SLD 15	-175.29	-58.97	423.52	498.2716	-1481.2153	-121.0505
19	9.6	0	2.65	SLD 16	-167.07	-58.97	423.52	498.2867	-1411.7624	121.0505
19	9.6	0	2.65	SLV FO 1	194.62	66.67	423.52	-563.3555	1644.5605	-139.8656
19	9.6	0	2.65	SLV FO 2	204.12	66.67	423.52	-563.3381	1724.8084	139.8656
19	9.6	0	2.65	SLV FO 3	194.62	-66.66	423.52	563.3168	1644.5565	-139.8656
19	9.6	0	2.65	SLV FO 4	204.12	-66.67	423.52	563.3342	1724.8044	139.8656
19	9.6	0	2.65	SLV FO 5	53.76	222.23	423.52	-1877.8014	454.2836	-178.2232
19	9.6	0	2.65	SLV FO 6	65.86	222.22	423.52	-1877.7792	556.5393	178.2232
19	9.6	0	2.65	SLV FO 7	53.76	-222.22	423.52	1877.7728	454.2702	-178.2232
19	9.6	0	2.65	SLV FO 8	65.86	-222.23	423.52	1877.795	556.5259	178.2232
19	9.6	0	2.65	SLV FO 9	-65.86	222.23	423.52	-1877.795	-556.5259	-178.2232
19	9.6	0	2.65	SLV FO 10	-53.76	222.22	423.52	-1877.7728	-454.2702	178.2232
19	9.6	0	2.65	SLV FO 11	-65.86	-222.22	423.52	1877.7792	-556.5393	-178.2232
19	9.6	0	2.65	SLV FO 12	-53.76	-222.23	423.52	1877.8014	-454.2836	178.2232
19	9.6	0	2.65	SLV FO 13	-204.12	66.67	423.52	-563.3342	-1724.8044	-139.8656
19	9.6	0	2.65	SLV FO 14	-194.62	66.66	423.52	-563.3168	-1644.5565	139.8656

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
19	9.6	0	2.65	SLV FO 15	-204.12	-66.67	423.52	563.3381	-1724.8084	-139.8656
19	9.6	0	2.65	SLV FO 16	-194.62	-66.67	423.52	563.3555	-1644.5605	139.8656
20	19.2	0	2.65	SLU 1	8.89	-8.35	382.05	70.562	75.1018	0
20	19.2	0	2.65	SLU 2	0	0	382.05	0	0	0
20	19.2	0	2.65	SLU 3	-8.89	8.35	382.05	-70.562	-75.1018	0
20	19.2	0	2.65	SLU 4	-1.84	-8.34	382.05	70.4667	-15.5789	0
20	19.2	0	2.65	SLU 5	-19.62	8.36	382.05	-70.6572	-165.7826	0
20	19.2	0	2.65	SLU 6	-12.55	-4.99	382.05	42.1784	-106.0735	0
20	19.2	0	2.65	SLU 7	-17.89	0.02	382.05	-0.1587	-151.1346	0
20	19.2	0	2.65	SLU 8	-23.22	5.03	382.05	-42.4959	-196.1957	0
20	19.2	0	2.65	SLU 9	8.89	16.63	382.05	-140.4845	75.0975	0
20	19.2	0	2.65	SLU 10	-8.89	33.33	382.05	-281.6084	-75.1062	0
20	19.2	0	2.65	SLU 11	5.33	36.62	382.05	-309.407	45.0539	0
20	19.2	0	2.65	SLU 12	0	41.63	382.05	-351.7441	-0.0072	0
20	19.2	0	2.65	SLU 13	-5.33	46.64	382.05	-394.0813	-45.0683	0
20	19.2	0	2.65	SLU 14	16.98	-8.36	382.05	70.6338	143.507	0
20	19.2	0	2.65	SLU 15	-0.79	8.34	382.05	-70.4901	-6.6966	0
20	19.2	0	2.65	SLU 16	18.82	-5.02	382.05	42.4569	159.0698	0
20	19.2	0	2.65	SLU 17	13.49	-0.01	382.05	0.1197	114.0087	0
20	19.2	0	2.65	SLU 18	8.16	5	382.05	-42.2174	68.9476	0
20	19.2	0	2.65	SLU 19	8.89	-33.34	382.05	281.7446	75.1065	0
20	19.2	0	2.65	SLU 20	-8.89	-16.64	382.05	140.6207	-75.0971	0
20	19.2	0	2.65	SLU 21	5.33	-46.66	382.05	394.3082	45.069	0
20	19.2	0	2.65	SLU 22	0	-41.65	382.05	351.9711	0.0079	0
20	19.2	0	2.65	SLU 23	-5.33	-36.64	382.05	309.6339	-45.0532	0
20	19.2	0	2.65	SLU 24	5.33	-5.01	406.97	42.3372	45.0611	0
20	19.2	0	2.65	SLU 25	0	0	406.97	0	0	0
20	19.2	0	2.65	SLU 26	-5.33	5.01	406.97	-42.3372	-45.0611	0
20	19.2	0	2.65	SLU 27	-5.4	-5	406.97	42.2419	-45.6197	0
20	19.2	0	2.65	SLU 28	-10.73	0.01	406.97	-0.0952	-90.6807	0
20	19.2	0	2.65	SLU 29	-16.06	5.02	406.97	-42.4324	-135.7418	0
20	19.2	0	2.65	SLU 30	5.33	19.97	406.97	-168.7093	45.0568	0
20	19.2	0	2.65	SLU 31	0	24.98	406.97	-211.0465	-0.0043	0
20	19.2	0	2.65	SLU 32	-5.33	29.99	406.97	-253.3837	-45.0654	0
20	19.2	0	2.65	SLU 33	13.43	-5.02	406.97	42.409	113.4663	0
20	19.2	0	2.65	SLU 34	8.1	-0.01	406.97	0.0718	68.4052	0
20	19.2	0	2.65	SLU 35	2.76	5	406.97	-42.2653	23.3441	0
20	19.2	0	2.65	SLU 36	5.33	-30	406.97	253.5198	45.0658	0
20	19.2	0	2.65	SLU 37	0	-24.99	406.97	211.1826	0.0047	0
20	19.2	0	2.65	SLU 38	-5.33	-19.98	406.97	168.8455	-45.0564	0
20	19.2	0	2.65	SLU 39	8.89	-8.35	403.48	70.562	75.1018	0
20	19.2	0	2.65	SLU 40	-8.89	8.35	403.48	-70.562	-75.1018	0
20	19.2	0	2.65	SLU 41	-1.84	-8.34	403.48	70.4667	-15.5789	0
20	19.2	0	2.65	SLU 42	-19.62	8.36	403.48	-70.6572	-165.7826	0
20	19.2	0	2.65	SLU 43	-12.55	-4.99	403.48	42.1784	-106.0735	0
20	19.2	0	2.65	SLU 44	-17.89	0.02	403.48	-0.1587	-151.1346	0
20	19.2	0	2.65	SLU 45	-23.22	5.03	403.48	-42.4959	-196.1957	0
20	19.2	0	2.65	SLU 46	8.89	16.63	403.48	-140.4845	75.0975	0
20	19.2	0	2.65	SLU 47	-8.89	33.33	403.48	-281.6084	-75.1062	0
20	19.2	0	2.65	SLU 48	5.33	36.62	403.48	-309.407	45.0539	0
20	19.2	0	2.65	SLU 49	0	41.63	403.48	-351.7441	-0.0072	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
20	19.2	0	2.65	SLU 50	-5.33	46.64	403.48	-394.0813	-45.0683	0
20	19.2	0	2.65	SLU 51	16.98	-8.36	403.48	70.6338	143.507	0
20	19.2	0	2.65	SLU 52	-0.79	8.34	403.48	-70.4901	-6.6966	0
20	19.2	0	2.65	SLU 53	18.82	-5.02	403.48	42.4569	159.0698	0
20	19.2	0	2.65	SLU 54	13.49	-0.01	403.48	0.1197	114.0087	0
20	19.2	0	2.65	SLU 55	8.16	5	403.48	-42.2174	68.9476	0
20	19.2	0	2.65	SLU 56	8.89	-33.34	403.48	281.7446	75.1065	0
20	19.2	0	2.65	SLU 57	-8.89	-16.64	403.48	140.6207	-75.0971	0
20	19.2	0	2.65	SLU 58	5.33	-46.66	403.48	394.3082	45.069	0
20	19.2	0	2.65	SLU 59	0	-41.65	403.48	351.9711	0.0079	0
20	19.2	0	2.65	SLU 60	-5.33	-36.64	403.48	309.6339	-45.0532	0
20	19.2	0	2.65	SLU 61	5.33	-5.01	428.39	42.3372	45.0611	0
20	19.2	0	2.65	SLU 62	0	0	428.39	0	0	0
20	19.2	0	2.65	SLU 63	-5.33	5.01	428.39	-42.3372	-45.0611	0
20	19.2	0	2.65	SLU 64	-5.4	-5	428.39	42.2419	-45.6197	0
20	19.2	0	2.65	SLU 65	-10.73	0.01	428.39	-0.0952	-90.6807	0
20	19.2	0	2.65	SLU 66	-16.06	5.02	428.39	-42.4324	-135.7418	0
20	19.2	0	2.65	SLU 67	5.33	19.97	428.39	-168.7093	45.0568	0
20	19.2	0	2.65	SLU 68	0	24.98	428.39	-211.0465	-0.0043	0
20	19.2	0	2.65	SLU 69	-5.33	29.99	428.39	-253.3837	-45.0654	0
20	19.2	0	2.65	SLU 70	13.43	-5.02	428.39	42.409	113.4663	0
20	19.2	0	2.65	SLU 71	8.1	-0.01	428.39	0.0718	68.4052	0
20	19.2	0	2.65	SLU 72	2.76	5	428.39	-42.2653	23.3441	0
20	19.2	0	2.65	SLU 73	5.33	-30	428.39	253.5198	45.0658	0
20	19.2	0	2.65	SLU 74	0	-24.99	428.39	211.1826	0.0047	0
20	19.2	0	2.65	SLU 75	-5.33	-19.98	428.39	168.8455	-45.0564	0
20	19.2	0	2.65	SLU 76	5.33	-5.01	424.9	42.3372	45.0611	0
20	19.2	0	2.65	SLU 77	0	0	424.9	0	0	0
20	19.2	0	2.65	SLU 78	-5.33	5.01	424.9	-42.3372	-45.0611	0
20	19.2	0	2.65	SLU 79	-5.4	-5	424.9	42.2419	-45.6197	0
20	19.2	0	2.65	SLU 80	-10.73	0.01	424.9	-0.0952	-90.6807	0
20	19.2	0	2.65	SLU 81	-16.06	5.02	424.9	-42.4324	-135.7418	0
20	19.2	0	2.65	SLU 82	5.33	19.97	424.9	-168.7093	45.0568	0
20	19.2	0	2.65	SLU 83	0	24.98	424.9	-211.0465	-0.0043	0
20	19.2	0	2.65	SLU 84	-5.33	29.99	424.9	-253.3837	-45.0654	0
20	19.2	0	2.65	SLU 85	13.43	-5.02	424.9	42.409	113.4663	0
20	19.2	0	2.65	SLU 86	8.1	-0.01	424.9	0.0718	68.4052	0
20	19.2	0	2.65	SLU 87	2.76	5	424.9	-42.2653	23.3441	0
20	19.2	0	2.65	SLU 88	5.33	-30	424.9	253.5198	45.0658	0
20	19.2	0	2.65	SLU 89	0	-24.99	424.9	211.1826	0.0047	0
20	19.2	0	2.65	SLU 90	-5.33	-19.98	424.9	168.8455	-45.0564	0
20	19.2	0	2.65	SLE RA 1	5.93	-5.57	291.84	47.0413	50.0679	0
20	19.2	0	2.65	SLE RA 2	0	0	291.84	0	0	0
20	19.2	0	2.65	SLE RA 3	-5.93	5.57	291.84	-47.0413	-50.0679	0
20	19.2	0	2.65	SLE RA 4	-1.23	-5.56	291.84	46.9778	-10.3859	0
20	19.2	0	2.65	SLE RA 5	-13.08	5.57	291.84	-47.1048	-110.5217	0
20	19.2	0	2.65	SLE RA 6	-8.37	-3.33	291.84	28.119	-70.7157	0
20	19.2	0	2.65	SLE RA 7	-11.92	0.01	291.84	-0.1058	-100.7564	0
20	19.2	0	2.65	SLE RA 8	-15.48	3.35	291.84	-28.3306	-130.7971	0
20	19.2	0	2.65	SLE RA 9	5.92	11.08	291.84	-93.6564	50.065	0
20	19.2	0	2.65	SLE RA 10	-5.93	22.22	291.84	-187.739	-50.0708	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
20	19.2	0	2.65	SLE RA 11	3.55	24.41	291.84	-206.2713	30.0359	0
20	19.2	0	2.65	SLE RA 12	0	27.75	291.84	-234.4961	-0.0048	0
20	19.2	0	2.65	SLE RA 13	-3.56	31.09	291.84	-262.7209	-30.0455	0
20	19.2	0	2.65	SLE RA 14	11.32	-5.57	291.84	47.0892	95.6713	0
20	19.2	0	2.65	SLE RA 15	-0.53	5.56	291.84	-46.9934	-4.4644	0
20	19.2	0	2.65	SLE RA 16	12.55	-3.35	291.84	28.3046	106.0465	0
20	19.2	0	2.65	SLE RA 17	8.99	-0.01	291.84	0.0798	76.0058	0
20	19.2	0	2.65	SLE RA 18	5.44	3.33	291.84	-28.145	45.9651	0
20	19.2	0	2.65	SLE RA 19	5.93	-22.23	291.84	187.8297	50.071	0
20	19.2	0	2.65	SLE RA 20	-5.92	-11.09	291.84	93.7471	-50.0647	0
20	19.2	0	2.65	SLE RA 21	3.56	-31.11	291.84	262.8722	30.046	0
20	19.2	0	2.65	SLE RA 22	0	-27.77	291.84	234.6474	0.0053	0
20	19.2	0	2.65	SLE RA 23	-3.55	-24.43	291.84	206.4226	-30.0355	0
20	19.2	0	2.65	SLE RA 24	3.56	-3.34	308.45	28.2248	30.0407	0
20	19.2	0	2.65	SLE RA 25	0	0	308.45	0	0	0
20	19.2	0	2.65	SLE RA 26	-3.56	3.34	308.45	-28.2248	-30.0407	0
20	19.2	0	2.65	SLE RA 27	-3.6	-3.33	308.45	28.1613	-30.4131	0
20	19.2	0	2.65	SLE RA 28	-7.15	0.01	308.45	-0.0635	-60.4538	0
20	19.2	0	2.65	SLE RA 29	-10.71	3.35	308.45	-28.2883	-90.4946	0
20	19.2	0	2.65	SLE RA 30	3.55	13.31	308.45	-112.4729	30.0378	0
20	19.2	0	2.65	SLE RA 31	0	16.65	308.45	-140.6977	-0.0029	0
20	19.2	0	2.65	SLE RA 32	-3.56	19.99	308.45	-168.9224	-30.0436	0
20	19.2	0	2.65	SLE RA 33	8.95	-3.35	308.45	28.2727	75.6442	0
20	19.2	0	2.65	SLE RA 34	5.4	-0.01	308.45	0.0479	45.6035	0
20	19.2	0	2.65	SLE RA 35	1.84	3.33	308.45	-28.1769	15.5627	0
20	19.2	0	2.65	SLE RA 36	3.56	-20	308.45	169.0132	30.0439	0
20	19.2	0	2.65	SLE RA 37	0	-16.66	308.45	140.7884	0.0032	0
20	19.2	0	2.65	SLE RA 38	-3.55	-13.32	308.45	112.5636	-30.0376	0
20	19.2	0	2.65	SLE RA 39	5.93	-5.57	306.13	47.0413	50.0679	0
20	19.2	0	2.65	SLE RA 40	-5.93	5.57	306.13	-47.0413	-50.0679	0
20	19.2	0	2.65	SLE RA 41	-1.23	-5.56	306.13	46.9778	-10.3859	0
20	19.2	0	2.65	SLE RA 42	-13.08	5.57	306.13	-47.1048	-110.5217	0
20	19.2	0	2.65	SLE RA 43	-8.37	-3.33	306.13	28.119	-70.7157	0
20	19.2	0	2.65	SLE RA 44	-11.92	0.01	306.13	-0.1058	-100.7564	0
20	19.2	0	2.65	SLE RA 45	-15.48	3.35	306.13	-28.3306	-130.7971	0
20	19.2	0	2.65	SLE RA 46	5.92	11.08	306.13	-93.6564	50.065	0
20	19.2	0	2.65	SLE RA 47	-5.93	22.22	306.13	-187.739	-50.0708	0
20	19.2	0	2.65	SLE RA 48	3.55	24.41	306.13	-206.2713	30.0359	0
20	19.2	0	2.65	SLE RA 49	0	27.75	306.13	-234.4961	-0.0048	0
20	19.2	0	2.65	SLE RA 50	-3.56	31.09	306.13	-262.7209	-30.0455	0
20	19.2	0	2.65	SLE RA 51	11.32	-5.57	306.13	47.0892	95.6713	0
20	19.2	0	2.65	SLE RA 52	-0.53	5.56	306.13	-46.9934	-4.4644	0
20	19.2	0	2.65	SLE RA 53	12.55	-3.35	306.13	28.3046	106.0465	0
20	19.2	0	2.65	SLE RA 54	8.99	-0.01	306.13	0.0798	76.0058	0
20	19.2	0	2.65	SLE RA 55	5.44	3.33	306.13	-28.145	45.9651	0
20	19.2	0	2.65	SLE RA 56	5.93	-22.23	306.13	187.8297	50.071	0
20	19.2	0	2.65	SLE RA 57	-5.92	-11.09	306.13	93.7471	-50.0647	0
20	19.2	0	2.65	SLE RA 58	3.56	-31.11	306.13	262.8722	30.046	0
20	19.2	0	2.65	SLE RA 59	0	-27.77	306.13	234.6474	0.0053	0
20	19.2	0	2.65	SLE RA 60	-3.55	-24.43	306.13	206.4226	-30.0355	0
20	19.2	0	2.65	SLE RA 61	3.56	-3.34	322.73	28.2248	30.0407	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
20	19.2	0	2.65	SLE RA 62	0	0	322.73	0	0	0
20	19.2	0	2.65	SLE RA 63	-3.56	3.34	322.73	-28.2248	-30.0407	0
20	19.2	0	2.65	SLE RA 64	-3.6	-3.33	322.73	28.1613	-30.4131	0
20	19.2	0	2.65	SLE RA 65	-7.15	0.01	322.73	-0.0635	-60.4538	0
20	19.2	0	2.65	SLE RA 66	-10.71	3.35	322.73	-28.2883	-90.4946	0
20	19.2	0	2.65	SLE RA 67	3.55	13.31	322.73	-112.4729	30.0378	0
20	19.2	0	2.65	SLE RA 68	0	16.65	322.73	-140.6977	-0.0029	0
20	19.2	0	2.65	SLE RA 69	-3.56	19.99	322.73	-168.9224	-30.0436	0
20	19.2	0	2.65	SLE RA 70	8.95	-3.35	322.73	28.2727	75.6442	0
20	19.2	0	2.65	SLE RA 71	5.4	-0.01	322.73	0.0479	45.6035	0
20	19.2	0	2.65	SLE RA 72	1.84	3.33	322.73	-28.1769	15.5627	0
20	19.2	0	2.65	SLE RA 73	3.56	-20	322.73	169.0132	30.0439	0
20	19.2	0	2.65	SLE RA 74	0	-16.66	322.73	140.7884	0.0032	0
20	19.2	0	2.65	SLE RA 75	-3.55	-13.32	322.73	112.5636	-30.0376	0
20	19.2	0	2.65	SLE RA 76	3.56	-3.34	320.41	28.2248	30.0407	0
20	19.2	0	2.65	SLE RA 77	0	0	320.41	0	0	0
20	19.2	0	2.65	SLE RA 78	-3.56	3.34	320.41	-28.2248	-30.0407	0
20	19.2	0	2.65	SLE RA 79	-3.6	-3.33	320.41	28.1613	-30.4131	0
20	19.2	0	2.65	SLE RA 80	-7.15	0.01	320.41	-0.0635	-60.4538	0
20	19.2	0	2.65	SLE RA 81	-10.71	3.35	320.41	-28.2883	-90.4946	0
20	19.2	0	2.65	SLE RA 82	3.55	13.31	320.41	-112.4729	30.0378	0
20	19.2	0	2.65	SLE RA 83	0	16.65	320.41	-140.6977	-0.0029	0
20	19.2	0	2.65	SLE RA 84	-3.56	19.99	320.41	-168.9224	-30.0436	0
20	19.2	0	2.65	SLE RA 85	8.95	-3.35	320.41	28.2727	75.6442	0
20	19.2	0	2.65	SLE RA 86	5.4	-0.01	320.41	0.0479	45.6035	0
20	19.2	0	2.65	SLE RA 87	1.84	3.33	320.41	-28.1769	15.5627	0
20	19.2	0	2.65	SLE RA 88	3.56	-20	320.41	169.0132	30.0439	0
20	19.2	0	2.65	SLE RA 89	0	-16.66	320.41	140.7884	0.0032	0
20	19.2	0	2.65	SLE RA 90	-3.55	-13.32	320.41	112.5636	-30.0376	0
20	19.2	0	2.65	SLE FR 1	2.96	-2.78	291.84	23.5207	25.0339	0
20	19.2	0	2.65	SLE FR 2	0	0	291.84	0	0	0
20	19.2	0	2.65	SLE FR 3	-2.96	2.78	291.84	-23.5207	-25.0339	0
20	19.2	0	2.65	SLE FR 4	-2.38	0	291.84	-0.0212	-20.1513	0
20	19.2	0	2.65	SLE FR 5	0	5.55	291.84	-46.8992	-0.001	0
20	19.2	0	2.65	SLE FR 6	1.8	0	291.84	0.016	15.2012	0
20	19.2	0	2.65	SLE FR 7	0	-5.55	291.84	46.9295	0.0011	0
20	19.2	0	2.65	SLE FR 8	0	0	297.56	0	0	0
20	19.2	0	2.65	SLE QP 1	0	0	291.84	0	0	0
20	19.2	0	2.65	SLO 1	191.93	55.89	291.84	-472.3923	1621.8398	-83.2603
20	19.2	0	2.65	SLO 2	201.27	73.58	291.84	-621.6554	1700.7066	83.2603
20	19.2	0	2.65	SLO 3	191.93	-73.79	291.84	623.3818	1621.8488	-83.2603
20	19.2	0	2.65	SLO 4	201.27	-56.1	291.84	474.1187	1700.7156	83.2603
20	19.2	0	2.65	SLO 5	53.07	204.9	291.84	-1731.5674	448.4562	-105.3856
20	19.2	0	2.65	SLO 6	64.89	227.29	291.84	-1920.4951	548.2807	105.3856
20	19.2	0	2.65	SLO 7	53.07	-227.35	291.84	1921.013	448.4859	-105.3856
20	19.2	0	2.65	SLO 8	64.89	-204.96	291.84	1732.0853	548.3105	105.3856
20	19.2	0	2.65	SLO 9	-64.89	204.96	291.84	-1732.0853	-548.3105	-105.3856
20	19.2	0	2.65	SLO 10	-53.07	227.35	291.84	-1921.013	-448.4859	105.3856
20	19.2	0	2.65	SLO 11	-64.89	-227.29	291.84	1920.4951	-548.2807	-105.3856
20	19.2	0	2.65	SLO 12	-53.07	-204.9	291.84	1731.5674	-448.4562	105.3856
20	19.2	0	2.65	SLO 13	-201.27	56.1	291.84	-474.1187	-1700.7156	-83.2603

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
20	19.2	0	2.65	SLO 14	-191.93	73.79	291.84	-623.3818	-1621.8488	83.2603
20	19.2	0	2.65	SLO 15	-201.27	-73.58	291.84	621.6554	-1700.7066	-83.2603
20	19.2	0	2.65	SLO 16	-191.93	-55.89	291.84	472.3923	-1621.8398	83.2603
20	19.2	0	2.65	SLD 1	167.03	51.01	291.84	-431.1201	1411.3875	-73.3486
20	19.2	0	2.65	SLD 2	175.25	66.59	291.84	-562.6143	1480.8656	73.3486
20	19.2	0	2.65	SLD 3	167.03	-66.77	291.84	564.1174	1411.3956	-73.3486
20	19.2	0	2.65	SLD 4	175.25	-51.19	291.84	432.6232	1480.8737	73.3486
20	19.2	0	2.65	SLD 5	46.03	186.22	291.84	-1573.6655	388.9993	-94.647
20	19.2	0	2.65	SLD 6	56.65	206.33	291.84	-1743.3419	478.652	94.647
20	19.2	0	2.65	SLD 7	46.04	-206.38	291.84	1743.7929	389.0264	-94.647
20	19.2	0	2.65	SLD 8	56.65	-186.27	291.84	1574.1165	478.679	94.647
20	19.2	0	2.65	SLD 9	-56.65	186.27	291.84	-1574.1165	-478.679	-94.647
20	19.2	0	2.65	SLD 10	-46.04	206.38	291.84	-1743.7929	-389.0264	94.647
20	19.2	0	2.65	SLD 11	-56.65	-206.33	291.84	1743.3419	-478.652	-94.647
20	19.2	0	2.65	SLD 12	-46.03	-186.22	291.84	1573.6655	-388.9993	94.647
20	19.2	0	2.65	SLD 13	-175.25	51.19	291.84	-432.6232	-1480.8737	-73.3486
20	19.2	0	2.65	SLD 14	-167.03	66.77	291.84	-564.1174	-1411.3956	73.3486
20	19.2	0	2.65	SLD 15	-175.25	-66.59	291.84	562.6143	-1480.8656	-73.3486
20	19.2	0	2.65	SLD 16	-167.03	-51.01	291.84	431.1201	-1411.3875	73.3486
20	19.2	0	2.65	SLV FO 1	194.57	57.47	291.84	-485.7585	1644.1241	-84.7493
20	19.2	0	2.65	SLV FO 2	204.07	75.48	291.84	-637.6909	1724.4013	84.7493
20	19.2	0	2.65	SLV FO 3	194.57	-75.69	291.84	639.4413	1644.1333	-84.7493
20	19.2	0	2.65	SLV FO 4	204.07	-57.68	291.84	487.5089	1724.4105	84.7493
20	19.2	0	2.65	SLV FO 5	53.74	210.43	291.84	-1778.2707	454.1184	-107.9915
20	19.2	0	2.65	SLV FO 6	65.85	233.37	291.84	-1971.8702	556.4114	107.9915
20	19.2	0	2.65	SLV FO 7	53.74	-233.44	291.84	1972.3953	454.149	-107.9915
20	19.2	0	2.65	SLV FO 8	65.85	-210.49	291.84	1778.7959	556.4419	107.9915
20	19.2	0	2.65	SLV FO 9	-65.85	210.49	291.84	-1778.7959	-556.4419	-107.9915
20	19.2	0	2.65	SLV FO 10	-53.74	233.44	291.84	-1972.3953	-454.149	107.9915
20	19.2	0	2.65	SLV FO 11	-65.85	-233.37	291.84	1971.8702	-556.4114	-107.9915
20	19.2	0	2.65	SLV FO 12	-53.74	-210.43	291.84	1778.2707	-454.1184	107.9915
20	19.2	0	2.65	SLV FO 13	-204.07	57.68	291.84	-487.5089	-1724.4105	-84.7493
20	19.2	0	2.65	SLV FO 14	-194.57	75.69	291.84	-639.4413	-1644.1333	84.7493
20	19.2	0	2.65	SLV FO 15	-204.07	-75.48	291.84	637.6909	-1724.4013	-84.7493
20	19.2	0	2.65	SLV FO 16	-194.57	-57.47	291.84	485.7585	-1644.1241	84.7493
21	20.75	7.19	2.65	SLU 1	-9	-13.5	280.65	63.45	-134.8736	-8.1
21	20.75	7.19	2.65	SLU 2	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 3	-9	-13.5	280.65	63.45	-134.8701	-8.1
21	20.75	7.19	2.65	SLU 4	-9	-13.5	280.65	63.45	-134.8744	-8.1
21	20.75	7.19	2.65	SLU 5	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 6	-9	-13.5	280.65	63.45	-134.8742	-8.1
21	20.75	7.19	2.65	SLU 7	-9	-13.5	280.65	63.45	-134.8731	-8.1
21	20.75	7.19	2.65	SLU 8	-9	-13.5	280.65	63.45	-134.8721	-8.1
21	20.75	7.19	2.65	SLU 9	-9	-13.5	280.65	63.45	-134.8736	-8.1
21	20.75	7.19	2.65	SLU 10	-9	-13.5	280.65	63.45	-134.8702	-8.1
21	20.75	7.19	2.65	SLU 11	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 12	-9	-13.5	280.65	63.45	-134.872	-8.1
21	20.75	7.19	2.65	SLU 13	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 14	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 15	-9	-13.5	280.65	63.45	-134.8695	-8.1
21	20.75	7.19	2.65	SLU 16	-9	-13.5	280.65	63.45	-134.8719	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
21	20.75	7.19	2.65	SLU 17	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 18	-9	-13.5	280.65	63.45	-134.8698	-8.1
21	20.75	7.19	2.65	SLU 19	-9	-13.5	280.65	63.45	-134.8735	-8.1
21	20.75	7.19	2.65	SLU 20	-9	-13.5	280.65	63.45	-134.8701	-8.1
21	20.75	7.19	2.65	SLU 21	-9	-13.5	280.65	63.45	-134.8728	-8.1
21	20.75	7.19	2.65	SLU 22	-9	-13.5	280.65	63.45	-134.8717	-8.1
21	20.75	7.19	2.65	SLU 23	-9	-13.5	280.65	63.45	-134.8707	-8.1
21	20.75	7.19	2.65	SLU 24	-9	-13.5	280.65	63.45	-134.8729	-8.1
21	20.75	7.19	2.65	SLU 25	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 26	-9	-13.5	280.65	63.45	-134.8708	-8.1
21	20.75	7.19	2.65	SLU 27	-9	-13.5	280.65	63.45	-134.8737	-8.1
21	20.75	7.19	2.65	SLU 28	-9	-13.5	280.65	63.45	-134.8726	-8.1
21	20.75	7.19	2.65	SLU 29	-9	-13.5	280.65	63.45	-134.8716	-8.1
21	20.75	7.19	2.65	SLU 30	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 31	-9	-13.5	280.65	63.45	-134.8719	-8.1
21	20.75	7.19	2.65	SLU 32	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 33	-9	-13.5	280.65	63.45	-134.8723	-8.1
21	20.75	7.19	2.65	SLU 34	-9	-13.5	280.65	63.45	-134.8713	-8.1
21	20.75	7.19	2.65	SLU 35	-9	-13.5	280.65	63.45	-134.8702	-8.1
21	20.75	7.19	2.65	SLU 36	-9	-13.5	280.65	63.45	-134.8728	-8.1
21	20.75	7.19	2.65	SLU 37	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 38	-9	-13.5	280.65	63.45	-134.8707	-8.1
21	20.75	7.19	2.65	SLU 39	-9	-13.5	280.65	63.45	-134.8736	-8.1
21	20.75	7.19	2.65	SLU 40	-9	-13.5	280.65	63.45	-134.8701	-8.1
21	20.75	7.19	2.65	SLU 41	-9	-13.5	280.65	63.45	-134.8744	-8.1
21	20.75	7.19	2.65	SLU 42	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 43	-9	-13.5	280.65	63.45	-134.8742	-8.1
21	20.75	7.19	2.65	SLU 44	-9	-13.5	280.65	63.45	-134.8731	-8.1
21	20.75	7.19	2.65	SLU 45	-9	-13.5	280.65	63.45	-134.8721	-8.1
21	20.75	7.19	2.65	SLU 46	-9	-13.5	280.65	63.45	-134.8736	-8.1
21	20.75	7.19	2.65	SLU 47	-9	-13.5	280.65	63.45	-134.8702	-8.1
21	20.75	7.19	2.65	SLU 48	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 49	-9	-13.5	280.65	63.45	-134.872	-8.1
21	20.75	7.19	2.65	SLU 50	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 51	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 52	-9	-13.5	280.65	63.45	-134.8695	-8.1
21	20.75	7.19	2.65	SLU 53	-9	-13.5	280.65	63.45	-134.8719	-8.1
21	20.75	7.19	2.65	SLU 54	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 55	-9	-13.5	280.65	63.45	-134.8698	-8.1
21	20.75	7.19	2.65	SLU 56	-9	-13.5	280.65	63.45	-134.8735	-8.1
21	20.75	7.19	2.65	SLU 57	-9	-13.5	280.65	63.45	-134.8701	-8.1
21	20.75	7.19	2.65	SLU 58	-9	-13.5	280.65	63.45	-134.8728	-8.1
21	20.75	7.19	2.65	SLU 59	-9	-13.5	280.65	63.45	-134.8717	-8.1
21	20.75	7.19	2.65	SLU 60	-9	-13.5	280.65	63.45	-134.8707	-8.1
21	20.75	7.19	2.65	SLU 61	-9	-13.5	280.65	63.45	-134.8729	-8.1
21	20.75	7.19	2.65	SLU 62	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 63	-9	-13.5	280.65	63.45	-134.8708	-8.1
21	20.75	7.19	2.65	SLU 64	-9	-13.5	280.65	63.45	-134.8737	-8.1
21	20.75	7.19	2.65	SLU 65	-9	-13.5	280.65	63.45	-134.8726	-8.1
21	20.75	7.19	2.65	SLU 66	-9	-13.5	280.65	63.45	-134.8716	-8.1
21	20.75	7.19	2.65	SLU 67	-9	-13.5	280.65	63.45	-134.873	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
21	20.75	7.19	2.65	SLU 68	-9	-13.5	280.65	63.45	-134.8719	-8.1
21	20.75	7.19	2.65	SLU 69	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 70	-9	-13.5	280.65	63.45	-134.8723	-8.1
21	20.75	7.19	2.65	SLU 71	-9	-13.5	280.65	63.45	-134.8713	-8.1
21	20.75	7.19	2.65	SLU 72	-9	-13.5	280.65	63.45	-134.8702	-8.1
21	20.75	7.19	2.65	SLU 73	-9	-13.5	280.65	63.45	-134.8728	-8.1
21	20.75	7.19	2.65	SLU 74	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 75	-9	-13.5	280.65	63.45	-134.8707	-8.1
21	20.75	7.19	2.65	SLU 76	-9	-13.5	280.65	63.45	-134.8729	-8.1
21	20.75	7.19	2.65	SLU 77	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 78	-9	-13.5	280.65	63.45	-134.8708	-8.1
21	20.75	7.19	2.65	SLU 79	-9	-13.5	280.65	63.45	-134.8737	-8.1
21	20.75	7.19	2.65	SLU 80	-9	-13.5	280.65	63.45	-134.8726	-8.1
21	20.75	7.19	2.65	SLU 81	-9	-13.5	280.65	63.45	-134.8716	-8.1
21	20.75	7.19	2.65	SLU 82	-9	-13.5	280.65	63.45	-134.873	-8.1
21	20.75	7.19	2.65	SLU 83	-9	-13.5	280.65	63.45	-134.8719	-8.1
21	20.75	7.19	2.65	SLU 84	-9	-13.5	280.65	63.45	-134.8709	-8.1
21	20.75	7.19	2.65	SLU 85	-9	-13.5	280.65	63.45	-134.8723	-8.1
21	20.75	7.19	2.65	SLU 86	-9	-13.5	280.65	63.45	-134.8713	-8.1
21	20.75	7.19	2.65	SLU 87	-9	-13.5	280.65	63.45	-134.8702	-8.1
21	20.75	7.19	2.65	SLU 88	-9	-13.5	280.65	63.45	-134.8728	-8.1
21	20.75	7.19	2.65	SLU 89	-9	-13.5	280.65	63.45	-134.8718	-8.1
21	20.75	7.19	2.65	SLU 90	-9	-13.5	280.65	63.45	-134.8707	-8.1
21	20.75	7.19	2.65	SLE RA 1	-6	-9	200.96	42.3	-90.4568	-5.4
21	20.75	7.19	2.65	SLE RA 2	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 3	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 4	-6	-9	200.96	42.3	-90.4573	-5.4
21	20.75	7.19	2.65	SLE RA 5	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 6	-6	-9	200.96	42.3	-90.4572	-5.4
21	20.75	7.19	2.65	SLE RA 7	-6	-9	200.96	42.3	-90.4565	-5.4
21	20.75	7.19	2.65	SLE RA 8	-6	-9	200.96	42.3	-90.4558	-5.4
21	20.75	7.19	2.65	SLE RA 9	-6	-9	200.96	42.3	-90.4569	-5.4
21	20.75	7.19	2.65	SLE RA 10	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 11	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 12	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 13	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 14	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 15	-6	-9	200.96	42.3	-90.4541	-5.4
21	20.75	7.19	2.65	SLE RA 16	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 17	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 18	-6	-9	200.96	42.3	-90.4543	-5.4
21	20.75	7.19	2.65	SLE RA 19	-6	-9	200.96	42.3	-90.4568	-5.4
21	20.75	7.19	2.65	SLE RA 20	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 21	-6	-9	200.96	42.3	-90.4563	-5.4
21	20.75	7.19	2.65	SLE RA 22	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE RA 23	-6	-9	200.96	42.3	-90.4549	-5.4
21	20.75	7.19	2.65	SLE RA 24	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 25	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 26	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 27	-6	-9	200.96	42.3	-90.4569	-5.4
21	20.75	7.19	2.65	SLE RA 28	-6	-9	200.96	42.3	-90.4562	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
21	20.75	7.19	2.65	SLE RA 29	-6	-9	200.96	42.3	-90.4555	-5.4
21	20.75	7.19	2.65	SLE RA 30	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 31	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 32	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 33	-6	-9	200.96	42.3	-90.456	-5.4
21	20.75	7.19	2.65	SLE RA 34	-6	-9	200.96	42.3	-90.4553	-5.4
21	20.75	7.19	2.65	SLE RA 35	-6	-9	200.96	42.3	-90.4546	-5.4
21	20.75	7.19	2.65	SLE RA 36	-6	-9	200.96	42.3	-90.4563	-5.4
21	20.75	7.19	2.65	SLE RA 37	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE RA 38	-6	-9	200.96	42.3	-90.4549	-5.4
21	20.75	7.19	2.65	SLE RA 39	-6	-9	200.96	42.3	-90.4568	-5.4
21	20.75	7.19	2.65	SLE RA 40	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 41	-6	-9	200.96	42.3	-90.4573	-5.4
21	20.75	7.19	2.65	SLE RA 42	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 43	-6	-9	200.96	42.3	-90.4572	-5.4
21	20.75	7.19	2.65	SLE RA 44	-6	-9	200.96	42.3	-90.4565	-5.4
21	20.75	7.19	2.65	SLE RA 45	-6	-9	200.96	42.3	-90.4558	-5.4
21	20.75	7.19	2.65	SLE RA 46	-6	-9	200.96	42.3	-90.4569	-5.4
21	20.75	7.19	2.65	SLE RA 47	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 48	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 49	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 50	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 51	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 52	-6	-9	200.96	42.3	-90.4541	-5.4
21	20.75	7.19	2.65	SLE RA 53	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 54	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 55	-6	-9	200.96	42.3	-90.4543	-5.4
21	20.75	7.19	2.65	SLE RA 56	-6	-9	200.96	42.3	-90.4568	-5.4
21	20.75	7.19	2.65	SLE RA 57	-6	-9	200.96	42.3	-90.4545	-5.4
21	20.75	7.19	2.65	SLE RA 58	-6	-9	200.96	42.3	-90.4563	-5.4
21	20.75	7.19	2.65	SLE RA 59	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE RA 60	-6	-9	200.96	42.3	-90.4549	-5.4
21	20.75	7.19	2.65	SLE RA 61	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 62	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 63	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 64	-6	-9	200.96	42.3	-90.4569	-5.4
21	20.75	7.19	2.65	SLE RA 65	-6	-9	200.96	42.3	-90.4562	-5.4
21	20.75	7.19	2.65	SLE RA 66	-6	-9	200.96	42.3	-90.4555	-5.4
21	20.75	7.19	2.65	SLE RA 67	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 68	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 69	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 70	-6	-9	200.96	42.3	-90.456	-5.4
21	20.75	7.19	2.65	SLE RA 71	-6	-9	200.96	42.3	-90.4553	-5.4
21	20.75	7.19	2.65	SLE RA 72	-6	-9	200.96	42.3	-90.4546	-5.4
21	20.75	7.19	2.65	SLE RA 73	-6	-9	200.96	42.3	-90.4563	-5.4
21	20.75	7.19	2.65	SLE RA 74	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE RA 75	-6	-9	200.96	42.3	-90.4549	-5.4
21	20.75	7.19	2.65	SLE RA 76	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 77	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 78	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 79	-6	-9	200.96	42.3	-90.4569	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
21	20.75	7.19	2.65	SLE RA 80	-6	-9	200.96	42.3	-90.4562	-5.4
21	20.75	7.19	2.65	SLE RA 81	-6	-9	200.96	42.3	-90.4555	-5.4
21	20.75	7.19	2.65	SLE RA 82	-6	-9	200.96	42.3	-90.4564	-5.4
21	20.75	7.19	2.65	SLE RA 83	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE RA 84	-6	-9	200.96	42.3	-90.455	-5.4
21	20.75	7.19	2.65	SLE RA 85	-6	-9	200.96	42.3	-90.456	-5.4
21	20.75	7.19	2.65	SLE RA 86	-6	-9	200.96	42.3	-90.4553	-5.4
21	20.75	7.19	2.65	SLE RA 87	-6	-9	200.96	42.3	-90.4546	-5.4
21	20.75	7.19	2.65	SLE RA 88	-6	-9	200.96	42.3	-90.4563	-5.4
21	20.75	7.19	2.65	SLE RA 89	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE RA 90	-6	-9	200.96	42.3	-90.4549	-5.4
21	20.75	7.19	2.65	SLE FR 1	-6	-9	200.96	42.3	-90.4562	-5.4
21	20.75	7.19	2.65	SLE FR 2	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE FR 3	-6	-9	200.96	42.3	-90.4551	-5.4
21	20.75	7.19	2.65	SLE FR 4	-6	-9	200.96	42.3	-90.4558	-5.4
21	20.75	7.19	2.65	SLE FR 5	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE FR 6	-6	-9	200.96	42.3	-90.4555	-5.4
21	20.75	7.19	2.65	SLE FR 7	-6	-9	200.96	42.3	-90.4556	-5.4
21	20.75	7.19	2.65	SLE FR 8	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLE QP 1	-6	-9	200.96	42.3	-90.4557	-5.4
21	20.75	7.19	2.65	SLO 1	-5.97	-9	200.96	42.3084	-90.3126	-5.4
21	20.75	7.19	2.65	SLO 2	-5.97	-9	200.96	42.3084	-90.3085	-5.4
21	20.75	7.19	2.65	SLO 3	-5.98	-9	200.96	42.3094	-90.3623	-5.4
21	20.75	7.19	2.65	SLO 4	-5.98	-9	200.96	42.3094	-90.3582	-5.4
21	20.75	7.19	2.65	SLO 5	-5.98	-9	200.96	42.3011	-90.3385	-5.4
21	20.75	7.19	2.65	SLO 6	-5.98	-9	200.96	42.3011	-90.3352	-5.4
21	20.75	7.19	2.65	SLO 7	-6.01	-9	200.96	42.3043	-90.5039	-5.4
21	20.75	7.19	2.65	SLO 8	-6.01	-9	200.96	42.3043	-90.5007	-5.4
21	20.75	7.19	2.65	SLO 9	-5.99	-9	200.96	42.2957	-90.4106	-5.4
21	20.75	7.19	2.65	SLO 10	-5.99	-9	200.96	42.2957	-90.4074	-5.4
21	20.75	7.19	2.65	SLO 11	-6.02	-9	200.96	42.2989	-90.5761	-5.4
21	20.75	7.19	2.65	SLO 12	-6.02	-9	200.96	42.2989	-90.5728	-5.4
21	20.75	7.19	2.65	SLO 13	-6.02	-9	200.96	42.2906	-90.5531	-5.4
21	20.75	7.19	2.65	SLO 14	-6.02	-9	200.96	42.2906	-90.549	-5.4
21	20.75	7.19	2.65	SLO 15	-6.03	-9	200.96	42.2916	-90.6028	-5.4
21	20.75	7.19	2.65	SLO 16	-6.03	-9	200.96	42.2916	-90.5987	-5.4
21	20.75	7.19	2.65	SLD 1	-5.97	-9	200.96	42.3077	-90.3248	-5.4
21	20.75	7.19	2.65	SLD 2	-5.97	-9	200.96	42.3077	-90.3212	-5.4
21	20.75	7.19	2.65	SLD 3	-5.98	-9	200.96	42.3086	-90.3704	-5.4
21	20.75	7.19	2.65	SLD 4	-5.98	-9	200.96	42.3086	-90.3668	-5.4
21	20.75	7.19	2.65	SLD 5	-5.98	-9	200.96	42.301	-90.3481	-5.4
21	20.75	7.19	2.65	SLD 6	-5.98	-9	200.96	42.301	-90.3452	-5.4
21	20.75	7.19	2.65	SLD 7	-6.01	-9	200.96	42.3039	-90.5002	-5.4
21	20.75	7.19	2.65	SLD 8	-6.01	-9	200.96	42.3039	-90.4973	-5.4
21	20.75	7.19	2.65	SLD 9	-5.99	-9	200.96	42.2961	-90.414	-5.4
21	20.75	7.19	2.65	SLD 10	-5.99	-9	200.96	42.2961	-90.4111	-5.4
21	20.75	7.19	2.65	SLD 11	-6.02	-9	200.96	42.299	-90.5661	-5.4
21	20.75	7.19	2.65	SLD 12	-6.02	-9	200.96	42.299	-90.5632	-5.4
21	20.75	7.19	2.65	SLD 13	-6.02	-9	200.96	42.2914	-90.5445	-5.4
21	20.75	7.19	2.65	SLD 14	-6.02	-9	200.96	42.2914	-90.5409	-5.4
21	20.75	7.19	2.65	SLD 15	-6.03	-9	200.96	42.2923	-90.5901	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
21	20.75	7.19	2.65	SLD 16	-6.03	-9	200.96	42.2923	-90.5865	-5.4
21	20.75	7.19	2.65	SLV FO 1	-5.97	-9	200.96	42.3087	-90.309	-5.4
21	20.75	7.19	2.65	SLV FO 2	-5.97	-9	200.96	42.3087	-90.3048	-5.4
21	20.75	7.19	2.65	SLV FO 3	-5.98	-9	200.96	42.3096	-90.3599	-5.4
21	20.75	7.19	2.65	SLV FO 4	-5.98	-9	200.96	42.3096	-90.3558	-5.4
21	20.75	7.19	2.65	SLV FO 5	-5.98	-9	200.96	42.3011	-90.3354	-5.4
21	20.75	7.19	2.65	SLV FO 6	-5.98	-9	200.96	42.3011	-90.3321	-5.4
21	20.75	7.19	2.65	SLV FO 7	-6.01	-9	200.96	42.3044	-90.5053	-5.4
21	20.75	7.19	2.65	SLV FO 8	-6.01	-9	200.96	42.3044	-90.502	-5.4
21	20.75	7.19	2.65	SLV FO 9	-5.99	-9	200.96	42.2956	-90.4094	-5.4
21	20.75	7.19	2.65	SLV FO 10	-5.99	-9	200.96	42.2956	-90.406	-5.4
21	20.75	7.19	2.65	SLV FO 11	-6.02	-9	200.96	42.2989	-90.5793	-5.4
21	20.75	7.19	2.65	SLV FO 12	-6.02	-9	200.96	42.2989	-90.5759	-5.4
21	20.75	7.19	2.65	SLV FO 13	-6.02	-9	200.96	42.2904	-90.5555	-5.4
21	20.75	7.19	2.65	SLV FO 14	-6.02	-9	200.96	42.2904	-90.5514	-5.4
21	20.75	7.19	2.65	SLV FO 15	-6.03	-9	200.96	42.2913	-90.6065	-5.4
21	20.75	7.19	2.65	SLV FO 16	-6.03	-9	200.96	42.2913	-90.6023	-5.4
22	0	13.84	2.65	SLU 1	-8.89	8.35	382.05	-70.562	-75.1018	0
22	0	13.84	2.65	SLU 2	0	0	382.05	0	0	0
22	0	13.84	2.65	SLU 3	8.89	-8.35	382.05	70.562	75.1018	0
22	0	13.84	2.65	SLU 4	-19.62	8.36	382.05	-70.6572	-165.8069	0
22	0	13.84	2.65	SLU 5	-1.85	-8.34	382.05	70.4667	-15.6033	0
22	0	13.84	2.65	SLU 6	-23.22	5.03	382.05	-42.496	-196.2363	0
22	0	13.84	2.65	SLU 7	-17.89	0.02	382.05	-0.1588	-151.1752	0
22	0	13.84	2.65	SLU 8	-12.56	-4.99	382.05	42.1784	-106.1141	0
22	0	13.84	2.65	SLU 9	-8.89	33.34	382.05	-281.7446	-75.1065	0
22	0	13.84	2.65	SLU 10	8.89	16.64	382.05	-140.6207	75.0971	0
22	0	13.84	2.65	SLU 11	-5.33	46.66	382.05	-394.3082	-45.069	0
22	0	13.84	2.65	SLU 12	0	41.65	382.05	-351.9711	-0.0079	0
22	0	13.84	2.65	SLU 13	5.33	36.64	382.05	-309.6339	45.0532	0
22	0	13.84	2.65	SLU 14	-0.79	8.34	382.05	-70.4901	-6.6782	0
22	0	13.84	2.65	SLU 15	16.99	-8.36	382.05	70.6338	143.5254	0
22	0	13.84	2.65	SLU 16	8.16	5	382.05	-42.2174	68.9782	0
22	0	13.84	2.65	SLU 17	13.5	-0.01	382.05	0.1198	114.0393	0
22	0	13.84	2.65	SLU 18	18.83	-5.02	382.05	42.457	159.1004	0
22	0	13.84	2.65	SLU 19	-8.89	-16.63	382.05	140.4845	-75.0975	0
22	0	13.84	2.65	SLU 20	8.89	-33.33	382.05	281.6084	75.1062	0
22	0	13.84	2.65	SLU 21	-5.33	-36.62	382.05	309.407	-45.0539	0
22	0	13.84	2.65	SLU 22	0	-41.63	382.05	351.7442	0.0072	0
22	0	13.84	2.65	SLU 23	5.33	-46.64	382.05	394.0813	45.0683	0
22	0	13.84	2.65	SLU 24	-5.33	5.01	406.97	-42.3372	-45.0611	0
22	0	13.84	2.65	SLU 25	0	0	406.97	0	0	0
22	0	13.84	2.65	SLU 26	5.33	-5.01	406.97	42.3372	45.0611	0
22	0	13.84	2.65	SLU 27	-16.07	5.02	406.97	-42.4325	-135.7662	0
22	0	13.84	2.65	SLU 28	-10.73	0.01	406.97	-0.0953	-90.7051	0
22	0	13.84	2.65	SLU 29	-5.4	-5	406.97	42.2419	-45.644	0
22	0	13.84	2.65	SLU 30	-5.33	30	406.97	-253.5198	-45.0658	0
22	0	13.84	2.65	SLU 31	0	24.99	406.97	-211.1826	-0.0047	0
22	0	13.84	2.65	SLU 32	5.33	19.98	406.97	-168.8455	45.0564	0
22	0	13.84	2.65	SLU 33	2.76	5	406.97	-42.2653	23.3625	0
22	0	13.84	2.65	SLU 34	8.1	-0.01	406.97	0.0719	68.4236	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
22	0	13.84	2.65	SLU 35	13.43	-5.02	406.97	42.409	113.4847	0
22	0	13.84	2.65	SLU 36	-5.33	-19.97	406.97	168.7093	-45.0568	0
22	0	13.84	2.65	SLU 37	0	-24.98	406.97	211.0465	0.0043	0
22	0	13.84	2.65	SLU 38	5.33	-29.99	406.97	253.3837	45.0654	0
22	0	13.84	2.65	SLU 39	-8.89	8.35	403.48	-70.562	-75.1018	0
22	0	13.84	2.65	SLU 40	8.89	-8.35	403.48	70.562	75.1018	0
22	0	13.84	2.65	SLU 41	-19.62	8.36	403.48	-70.6572	-165.8069	0
22	0	13.84	2.65	SLU 42	-1.85	-8.34	403.48	70.4667	-15.6033	0
22	0	13.84	2.65	SLU 43	-23.22	5.03	403.48	-42.496	-196.2363	0
22	0	13.84	2.65	SLU 44	-17.89	0.02	403.48	-0.1588	-151.1752	0
22	0	13.84	2.65	SLU 45	-12.56	-4.99	403.48	42.1784	-106.1141	0
22	0	13.84	2.65	SLU 46	-8.89	33.34	403.48	-281.7446	-75.1065	0
22	0	13.84	2.65	SLU 47	8.89	16.64	403.48	-140.6207	75.0971	0
22	0	13.84	2.65	SLU 48	-5.33	46.66	403.48	-394.3082	-45.069	0
22	0	13.84	2.65	SLU 49	0	41.65	403.48	-351.9711	-0.0079	0
22	0	13.84	2.65	SLU 50	5.33	36.64	403.48	-309.6339	45.0532	0
22	0	13.84	2.65	SLU 51	-0.79	8.34	403.48	-70.4901	-6.6782	0
22	0	13.84	2.65	SLU 52	16.99	-8.36	403.48	70.6338	143.5254	0
22	0	13.84	2.65	SLU 53	8.16	5	403.48	-42.2174	68.9782	0
22	0	13.84	2.65	SLU 54	13.5	-0.01	403.48	0.1198	114.0393	0
22	0	13.84	2.65	SLU 55	18.83	-5.02	403.48	42.457	159.1004	0
22	0	13.84	2.65	SLU 56	-8.89	-16.63	403.48	140.4845	-75.0975	0
22	0	13.84	2.65	SLU 57	8.89	-33.33	403.48	281.6084	75.1062	0
22	0	13.84	2.65	SLU 58	-5.33	-36.62	403.48	309.407	-45.0539	0
22	0	13.84	2.65	SLU 59	0	-41.63	403.48	351.7442	0.0072	0
22	0	13.84	2.65	SLU 60	5.33	-46.64	403.48	394.0813	45.0683	0
22	0	13.84	2.65	SLU 61	-5.33	5.01	428.39	-42.3372	-45.0611	0
22	0	13.84	2.65	SLU 62	0	0	428.39	0	0	0
22	0	13.84	2.65	SLU 63	5.33	-5.01	428.39	42.3372	45.0611	0
22	0	13.84	2.65	SLU 64	-16.07	5.02	428.39	-42.4325	-135.7662	0
22	0	13.84	2.65	SLU 65	-10.73	0.01	428.39	-0.0953	-90.7051	0
22	0	13.84	2.65	SLU 66	-5.4	-5	428.39	42.2419	-45.644	0
22	0	13.84	2.65	SLU 67	-5.33	30	428.39	-253.5198	-45.0658	0
22	0	13.84	2.65	SLU 68	0	24.99	428.39	-211.1826	-0.0047	0
22	0	13.84	2.65	SLU 69	5.33	19.98	428.39	-168.8455	45.0564	0
22	0	13.84	2.65	SLU 70	2.76	5	428.39	-42.2653	23.3625	0
22	0	13.84	2.65	SLU 71	8.1	-0.01	428.39	0.0719	68.4236	0
22	0	13.84	2.65	SLU 72	13.43	-5.02	428.39	42.409	113.4847	0
22	0	13.84	2.65	SLU 73	-5.33	-19.97	428.39	168.7093	-45.0568	0
22	0	13.84	2.65	SLU 74	0	-24.98	428.39	211.0465	0.0043	0
22	0	13.84	2.65	SLU 75	5.33	-29.99	428.39	253.3837	45.0654	0
22	0	13.84	2.65	SLU 76	-5.33	5.01	424.9	-42.3372	-45.0611	0
22	0	13.84	2.65	SLU 77	0	0	424.9	0	0	0
22	0	13.84	2.65	SLU 78	5.33	-5.01	424.9	42.3372	45.0611	0
22	0	13.84	2.65	SLU 79	-16.07	5.02	424.9	-42.4325	-135.7662	0
22	0	13.84	2.65	SLU 80	-10.73	0.01	424.9	-0.0953	-90.7051	0
22	0	13.84	2.65	SLU 81	-5.4	-5	424.9	42.2419	-45.644	0
22	0	13.84	2.65	SLU 82	-5.33	30	424.9	-253.5198	-45.0658	0
22	0	13.84	2.65	SLU 83	0	24.99	424.9	-211.1826	-0.0047	0
22	0	13.84	2.65	SLU 84	5.33	19.98	424.9	-168.8455	45.0564	0
22	0	13.84	2.65	SLU 85	2.76	5	424.9	-42.2653	23.3625	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
22	0	13.84	2.65	SLU 86	8.1	-0.01	424.9	0.0719	68.4236	0
22	0	13.84	2.65	SLU 87	13.43	-5.02	424.9	42.409	113.4847	0
22	0	13.84	2.65	SLU 88	-5.33	-19.97	424.9	168.7093	-45.0568	0
22	0	13.84	2.65	SLU 89	0	-24.98	424.9	211.0465	0.0043	0
22	0	13.84	2.65	SLU 90	5.33	-29.99	424.9	253.3837	45.0654	0
22	0	13.84	2.65	SLE RA 1	-5.93	5.57	291.84	-47.0413	-50.0679	0
22	0	13.84	2.65	SLE RA 2	0	0	291.84	0	0	0
22	0	13.84	2.65	SLE RA 3	5.93	-5.57	291.84	47.0413	50.0679	0
22	0	13.84	2.65	SLE RA 4	-13.08	5.57	291.84	-47.1048	-110.538	0
22	0	13.84	2.65	SLE RA 5	-1.23	-5.56	291.84	46.9778	-10.4022	0
22	0	13.84	2.65	SLE RA 6	-15.48	3.35	291.84	-28.3307	-130.8242	0
22	0	13.84	2.65	SLE RA 7	-11.93	0.01	291.84	-0.1059	-100.7835	0
22	0	13.84	2.65	SLE RA 8	-8.37	-3.33	291.84	28.1189	-70.7427	0
22	0	13.84	2.65	SLE RA 9	-5.93	22.23	291.84	-187.8297	-50.071	0
22	0	13.84	2.65	SLE RA 10	5.92	11.09	291.84	-93.7471	50.0647	0
22	0	13.84	2.65	SLE RA 11	-3.56	31.11	291.84	-262.8722	-30.046	0
22	0	13.84	2.65	SLE RA 12	0	27.77	291.84	-234.6474	-0.0053	0
22	0	13.84	2.65	SLE RA 13	3.55	24.43	291.84	-206.4226	30.0355	0
22	0	13.84	2.65	SLE RA 14	-0.53	5.56	291.84	-46.9934	-4.4522	0
22	0	13.84	2.65	SLE RA 15	11.32	-5.57	291.84	47.0892	95.6836	0
22	0	13.84	2.65	SLE RA 16	5.44	3.33	291.84	-28.1449	45.9855	0
22	0	13.84	2.65	SLE RA 17	9	-0.01	291.84	0.0799	76.0262	0
22	0	13.84	2.65	SLE RA 18	12.55	-3.35	291.84	28.3046	106.0669	0
22	0	13.84	2.65	SLE RA 19	-5.92	-11.08	291.84	93.6564	-50.065	0
22	0	13.84	2.65	SLE RA 20	5.93	-22.22	291.84	187.739	50.0708	0
22	0	13.84	2.65	SLE RA 21	-3.55	-24.41	291.84	206.2713	-30.0359	0
22	0	13.84	2.65	SLE RA 22	0	-27.75	291.84	234.4961	0.0048	0
22	0	13.84	2.65	SLE RA 23	3.56	-31.09	291.84	262.7209	30.0455	0
22	0	13.84	2.65	SLE RA 24	-3.56	3.34	308.45	-28.2248	-30.0407	0
22	0	13.84	2.65	SLE RA 25	0	0	308.45	0	0	0
22	0	13.84	2.65	SLE RA 26	3.56	-3.34	308.45	28.2248	30.0407	0
22	0	13.84	2.65	SLE RA 27	-10.71	3.35	308.45	-28.2883	-90.5108	0
22	0	13.84	2.65	SLE RA 28	-7.16	0.01	308.45	-0.0635	-60.4701	0
22	0	13.84	2.65	SLE RA 29	-3.6	-3.33	308.45	28.1613	-30.4293	0
22	0	13.84	2.65	SLE RA 30	-3.56	20	308.45	-169.0132	-30.0439	0
22	0	13.84	2.65	SLE RA 31	0	16.66	308.45	-140.7884	-0.0032	0
22	0	13.84	2.65	SLE RA 32	3.55	13.32	308.45	-112.5636	30.0376	0
22	0	13.84	2.65	SLE RA 33	1.84	3.33	308.45	-28.1769	15.575	0
22	0	13.84	2.65	SLE RA 34	5.4	-0.01	308.45	0.0479	45.6157	0
22	0	13.84	2.65	SLE RA 35	8.95	-3.35	308.45	28.2727	75.6565	0
22	0	13.84	2.65	SLE RA 36	-3.55	-13.31	308.45	112.4729	-30.0378	0
22	0	13.84	2.65	SLE RA 37	0	-16.65	308.45	140.6977	0.0029	0
22	0	13.84	2.65	SLE RA 38	3.56	-19.99	308.45	168.9224	30.0436	0
22	0	13.84	2.65	SLE RA 39	-5.93	5.57	306.13	-47.0413	-50.0679	0
22	0	13.84	2.65	SLE RA 40	5.93	-5.57	306.13	47.0413	50.0679	0
22	0	13.84	2.65	SLE RA 41	-13.08	5.57	306.13	-47.1048	-110.538	0
22	0	13.84	2.65	SLE RA 42	-1.23	-5.56	306.13	46.9778	-10.4022	0
22	0	13.84	2.65	SLE RA 43	-15.48	3.35	306.13	-28.3307	-130.8242	0
22	0	13.84	2.65	SLE RA 44	-11.93	0.01	306.13	-0.1059	-100.7835	0
22	0	13.84	2.65	SLE RA 45	-8.37	-3.33	306.13	28.1189	-70.7427	0
22	0	13.84	2.65	SLE RA 46	-5.93	22.23	306.13	-187.8297	-50.071	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
22	0	13.84	2.65	SLE RA 47	5.92	11.09	306.13	-93.7471	50.0647	0
22	0	13.84	2.65	SLE RA 48	-3.56	31.11	306.13	-262.8722	-30.046	0
22	0	13.84	2.65	SLE RA 49	0	27.77	306.13	-234.6474	-0.0053	0
22	0	13.84	2.65	SLE RA 50	3.55	24.43	306.13	-206.4226	30.0355	0
22	0	13.84	2.65	SLE RA 51	-0.53	5.56	306.13	-46.9934	-4.4522	0
22	0	13.84	2.65	SLE RA 52	11.32	-5.57	306.13	47.0892	95.6836	0
22	0	13.84	2.65	SLE RA 53	5.44	3.33	306.13	-28.1449	45.9855	0
22	0	13.84	2.65	SLE RA 54	9	-0.01	306.13	0.0799	76.0262	0
22	0	13.84	2.65	SLE RA 55	12.55	-3.35	306.13	28.3046	106.0669	0
22	0	13.84	2.65	SLE RA 56	-5.92	-11.08	306.13	93.6564	-50.065	0
22	0	13.84	2.65	SLE RA 57	5.93	-22.22	306.13	187.739	50.0708	0
22	0	13.84	2.65	SLE RA 58	-3.55	-24.41	306.13	206.2713	-30.0359	0
22	0	13.84	2.65	SLE RA 59	0	-27.75	306.13	234.4961	0.0048	0
22	0	13.84	2.65	SLE RA 60	3.56	-31.09	306.13	262.7209	30.0455	0
22	0	13.84	2.65	SLE RA 61	-3.56	3.34	322.73	-28.2248	-30.0407	0
22	0	13.84	2.65	SLE RA 62	0	0	322.73	0	0	0
22	0	13.84	2.65	SLE RA 63	3.56	-3.34	322.73	28.2248	30.0407	0
22	0	13.84	2.65	SLE RA 64	-10.71	3.35	322.73	-28.2883	-90.5108	0
22	0	13.84	2.65	SLE RA 65	-7.16	0.01	322.73	-0.0635	-60.4701	0
22	0	13.84	2.65	SLE RA 66	-3.6	-3.33	322.73	28.1613	-30.4293	0
22	0	13.84	2.65	SLE RA 67	-3.56	20	322.73	-169.0132	-30.0439	0
22	0	13.84	2.65	SLE RA 68	0	16.66	322.73	-140.7884	-0.0032	0
22	0	13.84	2.65	SLE RA 69	3.55	13.32	322.73	-112.5636	30.0376	0
22	0	13.84	2.65	SLE RA 70	1.84	3.33	322.73	-28.1769	15.575	0
22	0	13.84	2.65	SLE RA 71	5.4	-0.01	322.73	0.0479	45.6157	0
22	0	13.84	2.65	SLE RA 72	8.95	-3.35	322.73	28.2727	75.6565	0
22	0	13.84	2.65	SLE RA 73	-3.55	-13.31	322.73	112.4729	-30.0378	0
22	0	13.84	2.65	SLE RA 74	0	-16.65	322.73	140.6977	0.0029	0
22	0	13.84	2.65	SLE RA 75	3.56	-19.99	322.73	168.9224	30.0436	0
22	0	13.84	2.65	SLE RA 76	-3.56	3.34	320.41	-28.2248	-30.0407	0
22	0	13.84	2.65	SLE RA 77	0	0	320.41	0	0	0
22	0	13.84	2.65	SLE RA 78	3.56	-3.34	320.41	28.2248	30.0407	0
22	0	13.84	2.65	SLE RA 79	-10.71	3.35	320.41	-28.2883	-90.5108	0
22	0	13.84	2.65	SLE RA 80	-7.16	0.01	320.41	-0.0635	-60.4701	0
22	0	13.84	2.65	SLE RA 81	-3.6	-3.33	320.41	28.1613	-30.4293	0
22	0	13.84	2.65	SLE RA 82	-3.56	20	320.41	-169.0132	-30.0439	0
22	0	13.84	2.65	SLE RA 83	0	16.66	320.41	-140.7884	-0.0032	0
22	0	13.84	2.65	SLE RA 84	3.55	13.32	320.41	-112.5636	30.0376	0
22	0	13.84	2.65	SLE RA 85	1.84	3.33	320.41	-28.1769	15.575	0
22	0	13.84	2.65	SLE RA 86	5.4	-0.01	320.41	0.0479	45.6157	0
22	0	13.84	2.65	SLE RA 87	8.95	-3.35	320.41	28.2727	75.6565	0
22	0	13.84	2.65	SLE RA 88	-3.55	-13.31	320.41	112.4729	-30.0378	0
22	0	13.84	2.65	SLE RA 89	0	-16.65	320.41	140.6977	0.0029	0
22	0	13.84	2.65	SLE RA 90	3.56	-19.99	320.41	168.9224	30.0436	0
22	0	13.84	2.65	SLE FR 1	-2.96	2.78	291.84	-23.5207	-25.0339	0
22	0	13.84	2.65	SLE FR 2	0	0	291.84	0	0	0
22	0	13.84	2.65	SLE FR 3	2.96	-2.78	291.84	23.5207	25.0339	0
22	0	13.84	2.65	SLE FR 4	-2.39	0	291.84	-0.0212	-20.1567	0
22	0	13.84	2.65	SLE FR 5	0	5.55	291.84	-46.9295	-0.0011	0
22	0	13.84	2.65	SLE FR 6	1.8	0	291.84	0.016	15.2052	0
22	0	13.84	2.65	SLE FR 7	0	-5.55	291.84	46.8992	0.001	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
22	0	13.84	2.65	SLE FR 8	0	0	297.56	0	0	0
22	0	13.84	2.65	SLE QP 1	0	0	291.84	0	0	0
22	0	13.84	2.65	SLO 1	201.27	73.58	291.84	-621.6532	1700.7086	-83.2603
22	0	13.84	2.65	SLO 2	191.93	55.89	291.84	-472.39	1621.8417	83.2603
22	0	13.84	2.65	SLO 3	201.27	-56.1	291.84	474.1216	1700.7189	-83.2603
22	0	13.84	2.65	SLO 4	191.93	-73.79	291.84	623.3847	1621.852	83.2603
22	0	13.84	2.65	SLO 5	64.89	227.29	291.84	-1920.4953	548.2792	-105.3856
22	0	13.84	2.65	SLO 6	53.07	204.9	291.84	-1731.5676	448.4546	105.3856
22	0	13.84	2.65	SLO 7	64.89	-204.96	291.84	1732.0871	548.3135	-105.3856
22	0	13.84	2.65	SLO 8	53.08	-227.36	291.84	1921.0148	448.489	105.3856
22	0	13.84	2.65	SLO 9	-53.08	227.36	291.84	-1921.0148	-448.489	-105.3856
22	0	13.84	2.65	SLO 10	-64.89	204.96	291.84	-1732.0871	-548.3135	105.3856
22	0	13.84	2.65	SLO 11	-53.07	-204.9	291.84	1731.5676	-448.4546	-105.3856
22	0	13.84	2.65	SLO 12	-64.89	-227.29	291.84	1920.4953	-548.2792	105.3856
22	0	13.84	2.65	SLO 13	-191.93	73.79	291.84	-623.3847	-1621.852	-83.2603
22	0	13.84	2.65	SLO 14	-201.27	56.1	291.84	-474.1216	-1700.7189	83.2603
22	0	13.84	2.65	SLO 15	-191.93	-55.89	291.84	472.39	-1621.8417	-83.2603
22	0	13.84	2.65	SLO 16	-201.27	-73.58	291.84	621.6532	-1700.7086	83.2603
22	0	13.84	2.65	SLD 1	175.25	66.59	291.84	-562.6125	1480.8672	-73.3486
22	0	13.84	2.65	SLD 2	167.03	51.01	291.84	-431.1183	1411.389	73.3486
22	0	13.84	2.65	SLD 3	175.25	-51.19	291.84	432.6257	1480.8766	-73.3486
22	0	13.84	2.65	SLD 4	167.03	-66.77	291.84	564.1198	1411.3984	73.3486
22	0	13.84	2.65	SLD 5	56.65	206.33	291.84	-1743.3423	478.6505	-94.647
22	0	13.84	2.65	SLD 6	46.03	186.22	291.84	-1573.6659	388.9979	94.647
22	0	13.84	2.65	SLD 7	56.65	-186.27	291.84	1574.1181	478.6818	-94.647
22	0	13.84	2.65	SLD 8	46.04	-206.38	291.84	1743.7945	389.0292	94.647
22	0	13.84	2.65	SLD 9	-46.04	206.38	291.84	-1743.7945	-389.0292	-94.647
22	0	13.84	2.65	SLD 10	-56.65	186.27	291.84	-1574.1181	-478.6818	94.647
22	0	13.84	2.65	SLD 11	-46.03	-186.22	291.84	1573.6659	-388.9979	-94.647
22	0	13.84	2.65	SLD 12	-56.65	-206.33	291.84	1743.3423	-478.6505	94.647
22	0	13.84	2.65	SLD 13	-167.03	66.77	291.84	-564.1198	-1411.3984	-73.3486
22	0	13.84	2.65	SLD 14	-175.25	51.19	291.84	-432.6257	-1480.8766	73.3486
22	0	13.84	2.65	SLD 15	-167.03	-51.01	291.84	431.1183	-1411.389	-73.3486
22	0	13.84	2.65	SLD 16	-175.25	-66.59	291.84	562.6125	-1480.8672	73.3486
22	0	13.84	2.65	SLV FO 1	204.07	75.48	291.84	-637.6887	1724.4033	-84.7493
22	0	13.84	2.65	SLV FO 2	194.57	57.47	291.84	-485.7562	1644.126	84.7493
22	0	13.84	2.65	SLV FO 3	204.07	-57.68	291.84	487.5118	1724.4139	-84.7493
22	0	13.84	2.65	SLV FO 4	194.57	-75.69	291.84	639.4442	1644.1366	84.7493
22	0	13.84	2.65	SLV FO 5	65.85	233.37	291.84	-1971.8705	556.4098	-107.9915
22	0	13.84	2.65	SLV FO 6	53.74	210.43	291.84	-1778.2711	454.1169	107.9915
22	0	13.84	2.65	SLV FO 7	65.85	-210.49	291.84	1778.7977	556.4451	-107.9915
22	0	13.84	2.65	SLV FO 8	53.75	-233.44	291.84	1972.3972	454.1521	107.9915
22	0	13.84	2.65	SLV FO 9	-53.75	233.44	291.84	-1972.3972	-454.1521	-107.9915
22	0	13.84	2.65	SLV FO 10	-65.85	210.49	291.84	-1778.7977	-556.4451	107.9915
22	0	13.84	2.65	SLV FO 11	-53.74	-210.43	291.84	1778.2711	-454.1169	-107.9915
22	0	13.84	2.65	SLV FO 12	-65.85	-233.37	291.84	1971.8705	-556.4098	107.9915
22	0	13.84	2.65	SLV FO 13	-194.57	75.69	291.84	-639.4442	-1644.1366	-84.7493
22	0	13.84	2.65	SLV FO 14	-204.07	57.68	291.84	-487.5118	-1724.4139	84.7493
22	0	13.84	2.65	SLV FO 15	-194.57	-57.47	291.84	485.7562	-1644.126	-84.7493
22	0	13.84	2.65	SLV FO 16	-204.07	-75.48	291.84	637.6887	-1724.4033	84.7493
23	9.6	13.84	2.65	SLU 1	0	8.35	555.89	-70.5842	-0.0001	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
23	9.6	13.84	2.65	SLU 2	0	0	555.89	0	0	0
23	9.6	13.84	2.65	SLU 3	0	-8.35	555.89	70.5842	0.0001	0
23	9.6	13.84	2.65	SLU 4	-10.73	8.35	555.89	-70.5835	-90.6936	0
23	9.6	13.84	2.65	SLU 5	-10.73	-8.35	555.89	70.5849	-90.6934	0
23	9.6	13.84	2.65	SLU 6	-17.89	5.01	555.89	-42.3494	-151.1559	0
23	9.6	13.84	2.65	SLU 7	-17.89	0	555.89	0.0011	-151.1558	0
23	9.6	13.84	2.65	SLU 8	-17.89	-5.01	555.89	42.3517	-151.1557	0
23	9.6	13.84	2.65	SLU 9	0	33.48	555.89	-282.9036	-0.0001	0
23	9.6	13.84	2.65	SLU 10	0	16.77	555.89	-141.7351	0.0001	0
23	9.6	13.84	2.65	SLU 11	0	46.89	555.89	-396.2161	-0.0001	0
23	9.6	13.84	2.65	SLU 12	0	41.88	555.89	-353.8656	0	0
23	9.6	13.84	2.65	SLU 13	0	36.87	555.89	-311.5151	0.0001	0
23	9.6	13.84	2.65	SLU 14	8.1	8.35	555.89	-70.5847	68.4147	0
23	9.6	13.84	2.65	SLU 15	8.1	-8.35	555.89	70.5837	68.415	0
23	9.6	13.84	2.65	SLU 16	13.49	5.01	555.89	-42.3514	114.0246	0
23	9.6	13.84	2.65	SLU 17	13.49	0	555.89	-0.0009	114.0247	0
23	9.6	13.84	2.65	SLU 18	13.49	-5.01	555.89	42.3497	114.0248	0
23	9.6	13.84	2.65	SLU 19	0	-16.75	555.89	141.5136	-0.0002	0
23	9.6	13.84	2.65	SLU 20	0	-33.45	555.89	282.682	0.0001	0
23	9.6	13.84	2.65	SLU 21	0	-36.82	555.89	311.1458	-0.0002	0
23	9.6	13.84	2.65	SLU 22	0	-41.83	555.89	353.4963	-0.0001	0
23	9.6	13.84	2.65	SLU 23	0	-46.85	555.89	395.8468	0	0
23	9.6	13.84	2.65	SLU 24	0	5.01	605.72	-42.3505	-0.0001	0
23	9.6	13.84	2.65	SLU 25	0	0	605.72	0	0	0
23	9.6	13.84	2.65	SLU 26	0	-5.01	605.72	42.3505	0.0001	0
23	9.6	13.84	2.65	SLU 27	-10.73	5.01	605.72	-42.3498	-90.6936	0
23	9.6	13.84	2.65	SLU 28	-10.73	0	605.72	0.0007	-90.6935	0
23	9.6	13.84	2.65	SLU 29	-10.73	-5.01	605.72	42.3512	-90.6934	0
23	9.6	13.84	2.65	SLU 30	0	30.14	605.72	-254.6699	-0.0001	0
23	9.6	13.84	2.65	SLU 31	0	25.13	605.72	-212.3194	0	0
23	9.6	13.84	2.65	SLU 32	0	20.12	605.72	-169.9688	0.0001	0
23	9.6	13.84	2.65	SLU 33	8.1	5.01	605.72	-42.351	68.4147	0
23	9.6	13.84	2.65	SLU 34	8.1	0	605.72	-0.0005	68.4148	0
23	9.6	13.84	2.65	SLU 35	8.1	-5.01	605.72	42.35	68.4149	0
23	9.6	13.84	2.65	SLU 36	0	-20.09	605.72	169.7473	-0.0001	0
23	9.6	13.84	2.65	SLU 37	0	-25.1	605.72	212.0978	-0.0001	0
23	9.6	13.84	2.65	SLU 38	0	-30.11	605.72	254.4483	0	0
23	9.6	13.84	2.65	SLU 39	0	8.35	598.74	-70.5842	-0.0001	0
23	9.6	13.84	2.65	SLU 40	0	-8.35	598.74	70.5842	0.0001	0
23	9.6	13.84	2.65	SLU 41	-10.73	8.35	598.74	-70.5835	-90.6936	0
23	9.6	13.84	2.65	SLU 42	-10.73	-8.35	598.74	70.5849	-90.6934	0
23	9.6	13.84	2.65	SLU 43	-17.89	5.01	598.74	-42.3494	-151.1559	0
23	9.6	13.84	2.65	SLU 44	-17.89	0	598.74	0.0011	-151.1558	0
23	9.6	13.84	2.65	SLU 45	-17.89	-5.01	598.74	42.3517	-151.1557	0
23	9.6	13.84	2.65	SLU 46	0	33.48	598.74	-282.9036	-0.0001	0
23	9.6	13.84	2.65	SLU 47	0	16.77	598.74	-141.7351	0.0001	0
23	9.6	13.84	2.65	SLU 48	0	46.89	598.74	-396.2161	-0.0001	0
23	9.6	13.84	2.65	SLU 49	0	41.88	598.74	-353.8656	0	0
23	9.6	13.84	2.65	SLU 50	0	36.87	598.74	-311.5151	0.0001	0
23	9.6	13.84	2.65	SLU 51	8.1	8.35	598.74	-70.5847	68.4147	0
23	9.6	13.84	2.65	SLU 52	8.1	-8.35	598.74	70.5837	68.415	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
23	9.6	13.84	2.65	SLU 53	13.49	5.01	598.74	-42.3514	114.0246	0
23	9.6	13.84	2.65	SLU 54	13.49	0	598.74	-0.0009	114.0247	0
23	9.6	13.84	2.65	SLU 55	13.49	-5.01	598.74	42.3497	114.0248	0
23	9.6	13.84	2.65	SLU 56	0	-16.75	598.74	141.5136	-0.0002	0
23	9.6	13.84	2.65	SLU 57	0	-33.45	598.74	282.682	0.0001	0
23	9.6	13.84	2.65	SLU 58	0	-36.82	598.74	311.1458	-0.0002	0
23	9.6	13.84	2.65	SLU 59	0	-41.83	598.74	353.4963	-0.0001	0
23	9.6	13.84	2.65	SLU 60	0	-46.85	598.74	395.8468	0	0
23	9.6	13.84	2.65	SLU 61	0	5.01	648.56	-42.3505	-0.0001	0
23	9.6	13.84	2.65	SLU 62	0	0	648.56	0	0	0
23	9.6	13.84	2.65	SLU 63	0	-5.01	648.56	42.3505	0.0001	0
23	9.6	13.84	2.65	SLU 64	-10.73	5.01	648.56	-42.3498	-90.6936	0
23	9.6	13.84	2.65	SLU 65	-10.73	0	648.56	0.0007	-90.6935	0
23	9.6	13.84	2.65	SLU 66	-10.73	-5.01	648.56	42.3512	-90.6934	0
23	9.6	13.84	2.65	SLU 67	0	30.14	648.56	-254.6699	-0.0001	0
23	9.6	13.84	2.65	SLU 68	0	25.13	648.56	-212.3194	0	0
23	9.6	13.84	2.65	SLU 69	0	20.12	648.56	-169.9688	0.0001	0
23	9.6	13.84	2.65	SLU 70	8.1	5.01	648.56	-42.351	68.4147	0
23	9.6	13.84	2.65	SLU 71	8.1	0	648.56	-0.0005	68.4148	0
23	9.6	13.84	2.65	SLU 72	8.1	-5.01	648.56	42.35	68.4149	0
23	9.6	13.84	2.65	SLU 73	0	-20.09	648.56	169.7473	-0.0001	0
23	9.6	13.84	2.65	SLU 74	0	-25.1	648.56	212.0978	-0.0001	0
23	9.6	13.84	2.65	SLU 75	0	-30.11	648.56	254.4483	0	0
23	9.6	13.84	2.65	SLU 76	0	5.01	641.59	-42.3505	-0.0001	0
23	9.6	13.84	2.65	SLU 77	0	0	641.59	0	0	0
23	9.6	13.84	2.65	SLU 78	0	-5.01	641.59	42.3505	0.0001	0
23	9.6	13.84	2.65	SLU 79	-10.73	5.01	641.59	-42.3498	-90.6936	0
23	9.6	13.84	2.65	SLU 80	-10.73	0	641.59	0.0007	-90.6935	0
23	9.6	13.84	2.65	SLU 81	-10.73	-5.01	641.59	42.3512	-90.6934	0
23	9.6	13.84	2.65	SLU 82	0	30.14	641.59	-254.6699	-0.0001	0
23	9.6	13.84	2.65	SLU 83	0	25.13	641.59	-212.3194	0	0
23	9.6	13.84	2.65	SLU 84	0	20.12	641.59	-169.9688	0.0001	0
23	9.6	13.84	2.65	SLU 85	8.1	5.01	641.59	-42.351	68.4147	0
23	9.6	13.84	2.65	SLU 86	8.1	0	641.59	-0.0005	68.4148	0
23	9.6	13.84	2.65	SLU 87	8.1	-5.01	641.59	42.35	68.4149	0
23	9.6	13.84	2.65	SLU 88	0	-20.09	641.59	169.7473	-0.0001	0
23	9.6	13.84	2.65	SLU 89	0	-25.1	641.59	212.0978	-0.0001	0
23	9.6	13.84	2.65	SLU 90	0	-30.11	641.59	254.4483	0	0
23	9.6	13.84	2.65	SLE RA 1	0	5.57	423.52	-47.0561	-0.0001	0
23	9.6	13.84	2.65	SLE RA 2	0	0	423.52	0	0	0
23	9.6	13.84	2.65	SLE RA 3	0	-5.57	423.52	47.0561	0.0001	0
23	9.6	13.84	2.65	SLE RA 4	-7.16	5.57	423.52	-47.0557	-60.4624	0
23	9.6	13.84	2.65	SLE RA 5	-7.16	-5.57	423.52	47.0566	-60.4622	0
23	9.6	13.84	2.65	SLE RA 6	-11.93	3.34	423.52	-28.2329	-100.7706	0
23	9.6	13.84	2.65	SLE RA 7	-11.93	0	423.52	0.0008	-100.7706	0
23	9.6	13.84	2.65	SLE RA 8	-11.93	-3.34	423.52	28.2344	-100.7705	0
23	9.6	13.84	2.65	SLE RA 9	0	22.32	423.52	-188.6024	-0.0001	0
23	9.6	13.84	2.65	SLE RA 10	0	11.18	423.52	-94.4901	0.0001	0
23	9.6	13.84	2.65	SLE RA 11	0	31.26	423.52	-264.1441	-0.0001	0
23	9.6	13.84	2.65	SLE RA 12	0	27.92	423.52	-235.9104	0	0
23	9.6	13.84	2.65	SLE RA 13	0	24.58	423.52	-207.6767	0	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
23	9.6	13.84	2.65	SLE RA 14	5.4	5.57	423.52	-47.0565	45.6098	0
23	9.6	13.84	2.65	SLE RA 15	5.4	-5.57	423.52	47.0558	45.61	0
23	9.6	13.84	2.65	SLE RA 16	9	3.34	423.52	-28.2343	76.0164	0
23	9.6	13.84	2.65	SLE RA 17	9	0	423.52	-0.0006	76.0165	0
23	9.6	13.84	2.65	SLE RA 18	9	-3.34	423.52	28.2331	76.0165	0
23	9.6	13.84	2.65	SLE RA 19	0	-11.17	423.52	94.3424	-0.0001	0
23	9.6	13.84	2.65	SLE RA 20	0	-22.3	423.52	188.4547	0	0
23	9.6	13.84	2.65	SLE RA 21	0	-24.55	423.52	207.4305	-0.0001	0
23	9.6	13.84	2.65	SLE RA 22	0	-27.89	423.52	235.6642	-0.0001	0
23	9.6	13.84	2.65	SLE RA 23	0	-31.23	423.52	263.8979	0	0
23	9.6	13.84	2.65	SLE RA 24	0	3.34	456.74	-28.2337	-0.0001	0
23	9.6	13.84	2.65	SLE RA 25	0	0	456.74	0	0	0
23	9.6	13.84	2.65	SLE RA 26	0	-3.34	456.74	28.2337	0.0001	0
23	9.6	13.84	2.65	SLE RA 27	-7.16	3.34	456.74	-28.2332	-60.4624	0
23	9.6	13.84	2.65	SLE RA 28	-7.16	0	456.74	0.0005	-60.4623	0
23	9.6	13.84	2.65	SLE RA 29	-7.16	-3.34	456.74	28.2341	-60.4623	0
23	9.6	13.84	2.65	SLE RA 30	0	20.09	456.74	-169.7799	-0.0001	0
23	9.6	13.84	2.65	SLE RA 31	0	16.75	456.74	-141.5462	0	0
23	9.6	13.84	2.65	SLE RA 32	0	13.41	456.74	-113.3126	0	0
23	9.6	13.84	2.65	SLE RA 33	5.4	3.34	456.74	-28.234	45.6098	0
23	9.6	13.84	2.65	SLE RA 34	5.4	0	456.74	-0.0003	45.6099	0
23	9.6	13.84	2.65	SLE RA 35	5.4	-3.34	456.74	28.2333	45.6099	0
23	9.6	13.84	2.65	SLE RA 36	0	-13.39	456.74	113.1648	-0.0001	0
23	9.6	13.84	2.65	SLE RA 37	0	-16.73	456.74	141.3985	0	0
23	9.6	13.84	2.65	SLE RA 38	0	-20.08	456.74	169.6322	0	0
23	9.6	13.84	2.65	SLE RA 39	0	5.57	452.09	-47.0561	-0.0001	0
23	9.6	13.84	2.65	SLE RA 40	0	-5.57	452.09	47.0561	0.0001	0
23	9.6	13.84	2.65	SLE RA 41	-7.16	5.57	452.09	-47.0557	-60.4624	0
23	9.6	13.84	2.65	SLE RA 42	-7.16	-5.57	452.09	47.0566	-60.4622	0
23	9.6	13.84	2.65	SLE RA 43	-11.93	3.34	452.09	-28.2329	-100.7706	0
23	9.6	13.84	2.65	SLE RA 44	-11.93	0	452.09	0.0008	-100.7706	0
23	9.6	13.84	2.65	SLE RA 45	-11.93	-3.34	452.09	28.2344	-100.7705	0
23	9.6	13.84	2.65	SLE RA 46	0	22.32	452.09	-188.6024	-0.0001	0
23	9.6	13.84	2.65	SLE RA 47	0	11.18	452.09	-94.4901	0.0001	0
23	9.6	13.84	2.65	SLE RA 48	0	31.26	452.09	-264.1441	-0.0001	0
23	9.6	13.84	2.65	SLE RA 49	0	27.92	452.09	-235.9104	0	0
23	9.6	13.84	2.65	SLE RA 50	0	24.58	452.09	-207.6767	0	0
23	9.6	13.84	2.65	SLE RA 51	5.4	5.57	452.09	-47.0565	45.6098	0
23	9.6	13.84	2.65	SLE RA 52	5.4	-5.57	452.09	47.0558	45.61	0
23	9.6	13.84	2.65	SLE RA 53	9	3.34	452.09	-28.2343	76.0164	0
23	9.6	13.84	2.65	SLE RA 54	9	0	452.09	-0.0006	76.0165	0
23	9.6	13.84	2.65	SLE RA 55	9	-3.34	452.09	28.2331	76.0165	0
23	9.6	13.84	2.65	SLE RA 56	0	-11.17	452.09	94.3424	-0.0001	0
23	9.6	13.84	2.65	SLE RA 57	0	-22.3	452.09	188.4547	0	0
23	9.6	13.84	2.65	SLE RA 58	0	-24.55	452.09	207.4305	-0.0001	0
23	9.6	13.84	2.65	SLE RA 59	0	-27.89	452.09	235.6642	-0.0001	0
23	9.6	13.84	2.65	SLE RA 60	0	-31.23	452.09	263.8979	0	0
23	9.6	13.84	2.65	SLE RA 61	0	3.34	485.3	-28.2337	-0.0001	0
23	9.6	13.84	2.65	SLE RA 62	0	0	485.3	0	0	0
23	9.6	13.84	2.65	SLE RA 63	0	-3.34	485.3	28.2337	0.0001	0
23	9.6	13.84	2.65	SLE RA 64	-7.16	3.34	485.3	-28.2332	-60.4624	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
23	9.6	13.84	2.65	SLE RA 65	-7.16	0	485.3	0.0005	-60.4623	0
23	9.6	13.84	2.65	SLE RA 66	-7.16	-3.34	485.3	28.2341	-60.4623	0
23	9.6	13.84	2.65	SLE RA 67	0	20.09	485.3	-169.7799	-0.0001	0
23	9.6	13.84	2.65	SLE RA 68	0	16.75	485.3	-141.5462	0	0
23	9.6	13.84	2.65	SLE RA 69	0	13.41	485.3	-113.3126	0	0
23	9.6	13.84	2.65	SLE RA 70	5.4	3.34	485.3	-28.234	45.6098	0
23	9.6	13.84	2.65	SLE RA 71	5.4	0	485.3	-0.0003	45.6099	0
23	9.6	13.84	2.65	SLE RA 72	5.4	-3.34	485.3	28.2333	45.6099	0
23	9.6	13.84	2.65	SLE RA 73	0	-13.39	485.3	113.1648	-0.0001	0
23	9.6	13.84	2.65	SLE RA 74	0	-16.73	485.3	141.3985	0	0
23	9.6	13.84	2.65	SLE RA 75	0	-20.08	485.3	169.6322	0	0
23	9.6	13.84	2.65	SLE RA 76	0	3.34	480.65	-28.2337	-0.0001	0
23	9.6	13.84	2.65	SLE RA 77	0	0	480.65	0	0	0
23	9.6	13.84	2.65	SLE RA 78	0	-3.34	480.65	28.2337	0.0001	0
23	9.6	13.84	2.65	SLE RA 79	-7.16	3.34	480.65	-28.2332	-60.4624	0
23	9.6	13.84	2.65	SLE RA 80	-7.16	0	480.65	0.0005	-60.4623	0
23	9.6	13.84	2.65	SLE RA 81	-7.16	-3.34	480.65	28.2341	-60.4623	0
23	9.6	13.84	2.65	SLE RA 82	0	20.09	480.65	-169.7799	-0.0001	0
23	9.6	13.84	2.65	SLE RA 83	0	16.75	480.65	-141.5462	0	0
23	9.6	13.84	2.65	SLE RA 84	0	13.41	480.65	-113.3126	0	0
23	9.6	13.84	2.65	SLE RA 85	5.4	3.34	480.65	-28.234	45.6098	0
23	9.6	13.84	2.65	SLE RA 86	5.4	0	480.65	-0.0003	45.6099	0
23	9.6	13.84	2.65	SLE RA 87	5.4	-3.34	480.65	28.2333	45.6099	0
23	9.6	13.84	2.65	SLE RA 88	0	-13.39	480.65	113.1648	-0.0001	0
23	9.6	13.84	2.65	SLE RA 89	0	-16.73	480.65	141.3985	0	0
23	9.6	13.84	2.65	SLE RA 90	0	-20.08	480.65	169.6322	0	0
23	9.6	13.84	2.65	SLE FR 1	0	2.78	423.52	-23.5281	0	0
23	9.6	13.84	2.65	SLE FR 2	0	0	423.52	0	0	0
23	9.6	13.84	2.65	SLE FR 3	0	-2.78	423.52	23.5281	0	0
23	9.6	13.84	2.65	SLE FR 4	-2.39	0	423.52	0.0002	-20.1541	0
23	9.6	13.84	2.65	SLE FR 5	0	5.58	423.52	-47.1821	0	0
23	9.6	13.84	2.65	SLE FR 6	1.8	0	423.52	-0.0001	15.2033	0
23	9.6	13.84	2.65	SLE FR 7	0	-5.58	423.52	47.1328	0	0
23	9.6	13.84	2.65	SLE FR 8	0	0	434.95	0	0	0
23	9.6	13.84	2.65	SLE QP 1	0	0	423.52	0	0	0
23	9.6	13.84	2.65	SLO 1	201.32	64.92	423.52	-548.606	1701.1123	-137.4082
23	9.6	13.84	2.65	SLO 2	191.98	64.93	423.52	-548.6232	1622.2742	137.4082
23	9.6	13.84	2.65	SLO 3	201.31	-64.92	423.52	548.6022	1701.1056	-137.4082
23	9.6	13.84	2.65	SLO 4	191.98	-64.92	423.52	548.5851	1622.2675	137.4082
23	9.6	13.84	2.65	SLO 5	64.9	216.41	423.52	-1828.6727	548.4123	-173.9225
23	9.6	13.84	2.65	SLO 6	53.09	216.41	423.52	-1828.6944	448.6241	173.9225
23	9.6	13.84	2.65	SLO 7	64.9	-216.41	423.52	1828.6881	548.3898	-173.9225
23	9.6	13.84	2.65	SLO 8	53.09	-216.41	423.52	1828.6664	448.6016	173.9225
23	9.6	13.84	2.65	SLO 9	-53.09	216.41	423.52	-1828.6664	-448.6016	-173.9225
23	9.6	13.84	2.65	SLO 10	-64.9	216.41	423.52	-1828.6881	-548.3898	173.9225
23	9.6	13.84	2.65	SLO 11	-53.09	-216.41	423.52	1828.6944	-448.6241	-173.9225
23	9.6	13.84	2.65	SLO 12	-64.9	-216.41	423.52	1828.6727	-548.4123	173.9225
23	9.6	13.84	2.65	SLO 13	-191.98	64.92	423.52	-548.5851	-1622.2675	-137.4082
23	9.6	13.84	2.65	SLO 14	-201.31	64.92	423.52	-548.6022	-1701.1056	137.4082
23	9.6	13.84	2.65	SLO 15	-191.98	-64.93	423.52	548.6232	-1622.2742	-137.4082
23	9.6	13.84	2.65	SLO 16	-201.32	-64.92	423.52	548.606	-1701.1123	137.4082

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
23	9.6	13.84	2.65	SLD 1	175.29	58.97	423.52	-498.2717	1481.2189	-121.0505
23	9.6	13.84	2.65	SLD 2	167.07	58.97	423.52	-498.2867	1411.7661	121.0505
23	9.6	13.84	2.65	SLD 3	175.29	-58.97	423.52	498.2684	1481.2127	-121.0505
23	9.6	13.84	2.65	SLD 4	167.07	-58.97	423.52	498.2533	1411.7599	121.0505
23	9.6	13.84	2.65	SLD 5	56.66	196.56	423.52	-1660.8931	478.7671	-156.2002
23	9.6	13.84	2.65	SLD 6	46.05	196.56	423.52	-1660.9126	389.1471	156.2002
23	9.6	13.84	2.65	SLD 7	56.66	-196.56	423.52	1660.9071	478.7466	-156.2002
23	9.6	13.84	2.65	SLD 8	46.05	-196.56	423.52	1660.8876	389.1266	156.2002
23	9.6	13.84	2.65	SLD 9	-46.05	196.56	423.52	-1660.8876	-389.1266	-156.2002
23	9.6	13.84	2.65	SLD 10	-56.66	196.56	423.52	-1660.9071	-478.7466	156.2002
23	9.6	13.84	2.65	SLD 11	-46.05	-196.56	423.52	1660.9126	-389.1471	-156.2002
23	9.6	13.84	2.65	SLD 12	-56.66	-196.56	423.52	1660.8931	-478.7671	156.2002
23	9.6	13.84	2.65	SLD 13	-167.07	58.97	423.52	-498.2533	-1411.7599	-121.0505
23	9.6	13.84	2.65	SLD 14	-175.29	58.97	423.52	-498.2684	-1481.2127	121.0505
23	9.6	13.84	2.65	SLD 15	-167.07	-58.97	423.52	498.2867	-1411.7661	-121.0505
23	9.6	13.84	2.65	SLD 16	-175.29	-58.97	423.52	498.2717	-1481.2189	121.0505
23	9.6	13.84	2.65	SLV FO 1	204.12	66.67	423.52	-563.3381	1724.8126	-139.8656
23	9.6	13.84	2.65	SLV FO 2	194.62	66.67	423.52	-563.3555	1644.5647	139.8656
23	9.6	13.84	2.65	SLV FO 3	204.12	-66.67	423.52	563.3343	1724.8057	-139.8656
23	9.6	13.84	2.65	SLV FO 4	194.62	-66.66	423.52	563.3169	1644.5578	139.8656
23	9.6	13.84	2.65	SLV FO 5	65.86	222.22	423.52	-1877.7794	556.5449	-178.2232
23	9.6	13.84	2.65	SLV FO 6	53.76	222.23	423.52	-1877.8016	454.2892	178.2232
23	9.6	13.84	2.65	SLV FO 7	65.86	-222.23	423.52	1877.7952	556.5219	-178.2232
23	9.6	13.84	2.65	SLV FO 8	53.76	-222.22	423.52	1877.7731	454.2662	178.2232
23	9.6	13.84	2.65	SLV FO 9	-53.76	222.22	423.52	-1877.7731	-454.2662	-178.2232
23	9.6	13.84	2.65	SLV FO 10	-65.86	222.23	423.52	-1877.7952	-556.5219	178.2232
23	9.6	13.84	2.65	SLV FO 11	-53.76	-222.23	423.52	1877.8016	-454.2892	-178.2232
23	9.6	13.84	2.65	SLV FO 12	-65.86	-222.22	423.52	1877.7794	-556.5449	178.2232
23	9.6	13.84	2.65	SLV FO 13	-194.62	66.66	423.52	-563.3169	-1644.5578	-139.8656
23	9.6	13.84	2.65	SLV FO 14	-204.12	66.67	423.52	-563.3343	-1724.8057	139.8656
23	9.6	13.84	2.65	SLV FO 15	-194.62	-66.67	423.52	563.3555	-1644.5647	-139.8656
23	9.6	13.84	2.65	SLV FO 16	-204.12	-66.67	423.52	563.3381	-1724.8126	139.8656
24	19.2	13.84	2.65	SLU 1	8.89	8.35	382.05	-70.5616	75.1015	0
24	19.2	13.84	2.65	SLU 2	0	0	382.05	0	0	0
24	19.2	13.84	2.65	SLU 3	-8.89	-8.35	382.05	70.5616	-75.1015	0
24	19.2	13.84	2.65	SLU 4	-1.84	8.34	382.05	-70.467	-15.5793	0
24	19.2	13.84	2.65	SLU 5	-19.62	-8.36	382.05	70.6563	-165.7823	0
24	19.2	13.84	2.65	SLU 6	-12.55	4.99	382.05	-42.1792	-106.0738	0
24	19.2	13.84	2.65	SLU 7	-17.89	-0.02	382.05	0.1578	-151.1347	0
24	19.2	13.84	2.65	SLU 8	-23.22	-5.03	382.05	42.4947	-196.1956	0
24	19.2	13.84	2.65	SLU 9	8.89	33.34	382.05	-281.746	75.1061	0
24	19.2	13.84	2.65	SLU 10	-8.89	16.64	382.05	-140.6227	-75.0969	0
24	19.2	13.84	2.65	SLU 11	5.33	46.66	382.05	-394.3109	45.0686	0
24	19.2	13.84	2.65	SLU 12	0	41.65	382.05	-351.974	0.0077	0
24	19.2	13.84	2.65	SLU 13	-5.33	36.64	382.05	-309.637	-45.0532	0
24	19.2	13.84	2.65	SLU 14	16.98	8.36	382.05	-70.633	143.5068	0
24	19.2	13.84	2.65	SLU 15	-0.79	-8.34	382.05	70.4902	-6.6963	0
24	19.2	13.84	2.65	SLU 16	18.82	5.02	382.05	-42.456	159.0697	0
24	19.2	13.84	2.65	SLU 17	13.49	0.01	382.05	-0.119	114.0088	0
24	19.2	13.84	2.65	SLU 18	8.16	-5	382.05	42.218	68.9478	0
24	19.2	13.84	2.65	SLU 19	8.89	-16.63	382.05	140.4868	75.0971	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
24	19.2	13.84	2.65	SLU 20	-8.89	-33.33	382.05	281.61	-75.1059	0
24	19.2	13.84	2.65	SLU 21	5.33	-36.62	382.05	309.4104	45.0536	0
24	19.2	13.84	2.65	SLU 22	0	-41.63	382.05	351.7473	-0.0073	0
24	19.2	13.84	2.65	SLU 23	-5.33	-46.64	382.05	394.0843	-45.0682	0
24	19.2	13.84	2.65	SLU 24	5.33	5.01	406.97	-42.337	45.0609	0
24	19.2	13.84	2.65	SLU 25	0	0	406.97	0	0	0
24	19.2	13.84	2.65	SLU 26	-5.33	-5.01	406.97	42.337	-45.0609	0
24	19.2	13.84	2.65	SLU 27	-5.4	5	406.97	-42.2423	-45.6199	0
24	19.2	13.84	2.65	SLU 28	-10.73	-0.01	406.97	0.0947	-90.6808	0
24	19.2	13.84	2.65	SLU 29	-16.06	-5.02	406.97	42.4316	-135.7417	0
24	19.2	13.84	2.65	SLU 30	5.33	30	406.97	-253.5214	45.0655	0
24	19.2	13.84	2.65	SLU 31	0	24.99	406.97	-211.1844	0.0046	0
24	19.2	13.84	2.65	SLU 32	-5.33	19.98	406.97	-168.8474	-45.0563	0
24	19.2	13.84	2.65	SLU 33	13.43	5.02	406.97	-42.4084	113.4662	0
24	19.2	13.84	2.65	SLU 34	8.1	0.01	406.97	-0.0714	68.4053	0
24	19.2	13.84	2.65	SLU 35	2.76	-5	406.97	42.2656	23.3443	0
24	19.2	13.84	2.65	SLU 36	5.33	-19.97	406.97	168.7114	45.0565	0
24	19.2	13.84	2.65	SLU 37	0	-24.98	406.97	211.0484	-0.0044	0
24	19.2	13.84	2.65	SLU 38	-5.33	-29.99	406.97	253.3854	-45.0653	0
24	19.2	13.84	2.65	SLU 39	8.89	8.35	403.48	-70.5616	75.1015	0
24	19.2	13.84	2.65	SLU 40	-8.89	-8.35	403.48	70.5616	-75.1015	0
24	19.2	13.84	2.65	SLU 41	-1.84	8.34	403.48	-70.467	-15.5793	0
24	19.2	13.84	2.65	SLU 42	-19.62	-8.36	403.48	70.6563	-165.7823	0
24	19.2	13.84	2.65	SLU 43	-12.55	4.99	403.48	-42.1792	-106.0738	0
24	19.2	13.84	2.65	SLU 44	-17.89	-0.02	403.48	0.1578	-151.1347	0
24	19.2	13.84	2.65	SLU 45	-23.22	-5.03	403.48	42.4947	-196.1956	0
24	19.2	13.84	2.65	SLU 46	8.89	33.34	403.48	-281.746	75.1061	0
24	19.2	13.84	2.65	SLU 47	-8.89	16.64	403.48	-140.6227	-75.0969	0
24	19.2	13.84	2.65	SLU 48	5.33	46.66	403.48	-394.3109	45.0686	0
24	19.2	13.84	2.65	SLU 49	0	41.65	403.48	-351.974	0.0077	0
24	19.2	13.84	2.65	SLU 50	-5.33	36.64	403.48	-309.637	-45.0532	0
24	19.2	13.84	2.65	SLU 51	16.98	8.36	403.48	-70.633	143.5068	0
24	19.2	13.84	2.65	SLU 52	-0.79	-8.34	403.48	70.4902	-6.6963	0
24	19.2	13.84	2.65	SLU 53	18.82	5.02	403.48	-42.456	159.0697	0
24	19.2	13.84	2.65	SLU 54	13.49	0.01	403.48	-0.119	114.0088	0
24	19.2	13.84	2.65	SLU 55	8.16	-5	403.48	42.218	68.9478	0
24	19.2	13.84	2.65	SLU 56	8.89	-16.63	403.48	140.4868	75.0971	0
24	19.2	13.84	2.65	SLU 57	-8.89	-33.33	403.48	281.61	-75.1059	0
24	19.2	13.84	2.65	SLU 58	5.33	-36.62	403.48	309.4104	45.0536	0
24	19.2	13.84	2.65	SLU 59	0	-41.63	403.48	351.7473	-0.0073	0
24	19.2	13.84	2.65	SLU 60	-5.33	-46.64	403.48	394.0843	-45.0682	0
24	19.2	13.84	2.65	SLU 61	5.33	5.01	428.39	-42.337	45.0609	0
24	19.2	13.84	2.65	SLU 62	0	0	428.39	0	0	0
24	19.2	13.84	2.65	SLU 63	-5.33	-5.01	428.39	42.337	-45.0609	0
24	19.2	13.84	2.65	SLU 64	-5.4	5	428.39	-42.2423	-45.6199	0
24	19.2	13.84	2.65	SLU 65	-10.73	-0.01	428.39	0.0947	-90.6808	0
24	19.2	13.84	2.65	SLU 66	-16.06	-5.02	428.39	42.4316	-135.7417	0
24	19.2	13.84	2.65	SLU 67	5.33	30	428.39	-253.5214	45.0655	0
24	19.2	13.84	2.65	SLU 68	0	24.99	428.39	-211.1844	0.0046	0
24	19.2	13.84	2.65	SLU 69	-5.33	19.98	428.39	-168.8474	-45.0563	0
24	19.2	13.84	2.65	SLU 70	13.43	5.02	428.39	-42.4084	113.4662	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
24	19.2	13.84	2.65	SLU 71	8.1	0.01	428.39	-0.0714	68.4053	0
24	19.2	13.84	2.65	SLU 72	2.76	-5	428.39	42.2656	23.3443	0
24	19.2	13.84	2.65	SLU 73	5.33	-19.97	428.39	168.7114	45.0565	0
24	19.2	13.84	2.65	SLU 74	0	-24.98	428.39	211.0484	-0.0044	0
24	19.2	13.84	2.65	SLU 75	-5.33	-29.99	428.39	253.3854	-45.0653	0
24	19.2	13.84	2.65	SLU 76	5.33	5.01	424.9	-42.337	45.0609	0
24	19.2	13.84	2.65	SLU 77	0	0	424.9	0	0	0
24	19.2	13.84	2.65	SLU 78	-5.33	-5.01	424.9	42.337	-45.0609	0
24	19.2	13.84	2.65	SLU 79	-5.4	5	424.9	-42.2423	-45.6199	0
24	19.2	13.84	2.65	SLU 80	-10.73	-0.01	424.9	0.0947	-90.6808	0
24	19.2	13.84	2.65	SLU 81	-16.06	-5.02	424.9	42.4316	-135.7417	0
24	19.2	13.84	2.65	SLU 82	5.33	30	424.9	-253.5214	45.0655	0
24	19.2	13.84	2.65	SLU 83	0	24.99	424.9	-211.1844	0.0046	0
24	19.2	13.84	2.65	SLU 84	-5.33	19.98	424.9	-168.8474	-45.0563	0
24	19.2	13.84	2.65	SLU 85	13.43	5.02	424.9	-42.4084	113.4662	0
24	19.2	13.84	2.65	SLU 86	8.1	0.01	424.9	-0.0714	68.4053	0
24	19.2	13.84	2.65	SLU 87	2.76	-5	424.9	42.2656	23.3443	0
24	19.2	13.84	2.65	SLU 88	5.33	-19.97	424.9	168.7114	45.0565	0
24	19.2	13.84	2.65	SLU 89	0	-24.98	424.9	211.0484	-0.0044	0
24	19.2	13.84	2.65	SLU 90	-5.33	-29.99	424.9	253.3854	-45.0653	0
24	19.2	13.84	2.65	SLE RA 1	5.93	5.57	291.84	-47.0411	50.0677	0
24	19.2	13.84	2.65	SLE RA 2	0	0	291.84	0	0	0
24	19.2	13.84	2.65	SLE RA 3	-5.93	-5.57	291.84	47.0411	-50.0677	0
24	19.2	13.84	2.65	SLE RA 4	-1.23	5.56	291.84	-46.978	-10.3862	0
24	19.2	13.84	2.65	SLE RA 5	-13.08	-5.57	291.84	47.1042	-110.5216	0
24	19.2	13.84	2.65	SLE RA 6	-8.37	3.33	291.84	-28.1195	-70.7158	0
24	19.2	13.84	2.65	SLE RA 7	-11.92	-0.01	291.84	0.1052	-100.7565	0
24	19.2	13.84	2.65	SLE RA 8	-15.48	-3.35	291.84	28.3298	-130.7971	0
24	19.2	13.84	2.65	SLE RA 9	5.93	22.23	291.84	-187.8307	50.0708	0
24	19.2	13.84	2.65	SLE RA 10	-5.92	11.09	291.84	-93.7485	-50.0646	0
24	19.2	13.84	2.65	SLE RA 11	3.56	31.11	291.84	-262.874	30.0457	0
24	19.2	13.84	2.65	SLE RA 12	0	27.77	291.84	-234.6493	0.0051	0
24	19.2	13.84	2.65	SLE RA 13	-3.55	24.43	291.84	-206.4246	-30.0355	0
24	19.2	13.84	2.65	SLE RA 14	11.32	5.57	291.84	-47.0887	95.6712	0
24	19.2	13.84	2.65	SLE RA 15	-0.53	-5.56	291.84	46.9935	-4.4642	0
24	19.2	13.84	2.65	SLE RA 16	12.55	3.35	291.84	-28.304	106.0464	0
24	19.2	13.84	2.65	SLE RA 17	8.99	0.01	291.84	-0.0793	76.0058	0
24	19.2	13.84	2.65	SLE RA 18	5.44	-3.33	291.84	28.1453	45.9652	0
24	19.2	13.84	2.65	SLE RA 19	5.92	-11.08	291.84	93.6578	50.0648	0
24	19.2	13.84	2.65	SLE RA 20	-5.93	-22.22	291.84	187.74	-50.0706	0
24	19.2	13.84	2.65	SLE RA 21	3.55	-24.41	291.84	206.2736	30.0357	0
24	19.2	13.84	2.65	SLE RA 22	0	-27.75	291.84	234.4982	-0.0049	0
24	19.2	13.84	2.65	SLE RA 23	-3.56	-31.09	291.84	262.7229	-30.0455	0
24	19.2	13.84	2.65	SLE RA 24	3.56	3.34	308.45	-28.2247	30.0406	0
24	19.2	13.84	2.65	SLE RA 25	0	0	308.45	0	0	0
24	19.2	13.84	2.65	SLE RA 26	-3.56	-3.34	308.45	28.2247	-30.0406	0
24	19.2	13.84	2.65	SLE RA 27	-3.6	3.33	308.45	-28.1616	-30.4133	0
24	19.2	13.84	2.65	SLE RA 28	-7.15	-0.01	308.45	0.0631	-60.4539	0
24	19.2	13.84	2.65	SLE RA 29	-10.71	-3.35	308.45	28.2878	-90.4945	0
24	19.2	13.84	2.65	SLE RA 30	3.56	20	308.45	-169.0142	30.0437	0
24	19.2	13.84	2.65	SLE RA 31	0	16.66	308.45	-140.7896	0.0031	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
24	19.2	13.84	2.65	SLE RA 32	-3.55	13.32	308.45	-112.5649	-30.0375	0
24	19.2	13.84	2.65	SLE RA 33	8.95	3.35	308.45	-28.2723	75.6441	0
24	19.2	13.84	2.65	SLE RA 34	5.4	0.01	308.45	-0.0476	45.6035	0
24	19.2	13.84	2.65	SLE RA 35	1.84	-3.33	308.45	28.1771	15.5629	0
24	19.2	13.84	2.65	SLE RA 36	3.55	-13.31	308.45	112.4743	30.0377	0
24	19.2	13.84	2.65	SLE RA 37	0	-16.65	308.45	140.6989	-0.0029	0
24	19.2	13.84	2.65	SLE RA 38	-3.56	-19.99	308.45	168.9236	-30.0435	0
24	19.2	13.84	2.65	SLE RA 39	5.93	5.57	306.13	-47.0411	50.0677	0
24	19.2	13.84	2.65	SLE RA 40	-5.93	-5.57	306.13	47.0411	-50.0677	0
24	19.2	13.84	2.65	SLE RA 41	-1.23	5.56	306.13	-46.978	-10.3862	0
24	19.2	13.84	2.65	SLE RA 42	-13.08	-5.57	306.13	47.1042	-110.5216	0
24	19.2	13.84	2.65	SLE RA 43	-8.37	3.33	306.13	-28.1195	-70.7158	0
24	19.2	13.84	2.65	SLE RA 44	-11.92	-0.01	306.13	0.1052	-100.7565	0
24	19.2	13.84	2.65	SLE RA 45	-15.48	-3.35	306.13	28.3298	-130.7971	0
24	19.2	13.84	2.65	SLE RA 46	5.93	22.23	306.13	-187.8307	50.0708	0
24	19.2	13.84	2.65	SLE RA 47	-5.92	11.09	306.13	-93.7485	-50.0646	0
24	19.2	13.84	2.65	SLE RA 48	3.56	31.11	306.13	-262.874	30.0457	0
24	19.2	13.84	2.65	SLE RA 49	0	27.77	306.13	-234.6493	0.0051	0
24	19.2	13.84	2.65	SLE RA 50	-3.55	24.43	306.13	-206.4246	-30.0355	0
24	19.2	13.84	2.65	SLE RA 51	11.32	5.57	306.13	-47.0887	95.6712	0
24	19.2	13.84	2.65	SLE RA 52	-0.53	-5.56	306.13	46.9935	-4.4642	0
24	19.2	13.84	2.65	SLE RA 53	12.55	3.35	306.13	-28.304	106.0464	0
24	19.2	13.84	2.65	SLE RA 54	8.99	0.01	306.13	-0.0793	76.0058	0
24	19.2	13.84	2.65	SLE RA 55	5.44	-3.33	306.13	28.1453	45.9652	0
24	19.2	13.84	2.65	SLE RA 56	5.92	-11.08	306.13	93.6578	50.0648	0
24	19.2	13.84	2.65	SLE RA 57	-5.93	-22.22	306.13	187.74	-50.0706	0
24	19.2	13.84	2.65	SLE RA 58	3.55	-24.41	306.13	206.2736	30.0357	0
24	19.2	13.84	2.65	SLE RA 59	0	-27.75	306.13	234.4982	-0.0049	0
24	19.2	13.84	2.65	SLE RA 60	-3.56	-31.09	306.13	262.7229	-30.0455	0
24	19.2	13.84	2.65	SLE RA 61	3.56	3.34	322.73	-28.2247	30.0406	0
24	19.2	13.84	2.65	SLE RA 62	0	0	322.73	0	0	0
24	19.2	13.84	2.65	SLE RA 63	-3.56	-3.34	322.73	28.2247	-30.0406	0
24	19.2	13.84	2.65	SLE RA 64	-3.6	3.33	322.73	-28.1616	-30.4133	0
24	19.2	13.84	2.65	SLE RA 65	-7.15	-0.01	322.73	0.0631	-60.4539	0
24	19.2	13.84	2.65	SLE RA 66	-10.71	-3.35	322.73	28.2878	-90.4945	0
24	19.2	13.84	2.65	SLE RA 67	3.56	20	322.73	-169.0142	30.0437	0
24	19.2	13.84	2.65	SLE RA 68	0	16.66	322.73	-140.7896	0.0031	0
24	19.2	13.84	2.65	SLE RA 69	-3.55	13.32	322.73	-112.5649	-30.0375	0
24	19.2	13.84	2.65	SLE RA 70	8.95	3.35	322.73	-28.2723	75.6441	0
24	19.2	13.84	2.65	SLE RA 71	5.4	0.01	322.73	-0.0476	45.6035	0
24	19.2	13.84	2.65	SLE RA 72	1.84	-3.33	322.73	28.1771	15.5629	0
24	19.2	13.84	2.65	SLE RA 73	3.55	-13.31	322.73	112.4743	30.0377	0
24	19.2	13.84	2.65	SLE RA 74	0	-16.65	322.73	140.6989	-0.0029	0
24	19.2	13.84	2.65	SLE RA 75	-3.56	-19.99	322.73	168.9236	-30.0435	0
24	19.2	13.84	2.65	SLE RA 76	3.56	3.34	320.41	-28.2247	30.0406	0
24	19.2	13.84	2.65	SLE RA 77	0	0	320.41	0	0	0
24	19.2	13.84	2.65	SLE RA 78	-3.56	-3.34	320.41	28.2247	-30.0406	0
24	19.2	13.84	2.65	SLE RA 79	-3.6	3.33	320.41	-28.1616	-30.4133	0
24	19.2	13.84	2.65	SLE RA 80	-7.15	-0.01	320.41	0.0631	-60.4539	0
24	19.2	13.84	2.65	SLE RA 81	-10.71	-3.35	320.41	28.2878	-90.4945	0
24	19.2	13.84	2.65	SLE RA 82	3.56	20	320.41	-169.0142	30.0437	0

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
24	19.2	13.84	2.65	SLE RA 83	0	16.66	320.41	-140.7896	0.0031	0
24	19.2	13.84	2.65	SLE RA 84	-3.55	13.32	320.41	-112.5649	-30.0375	0
24	19.2	13.84	2.65	SLE RA 85	8.95	3.35	320.41	-28.2723	75.6441	0
24	19.2	13.84	2.65	SLE RA 86	5.4	0.01	320.41	-0.0476	45.6035	0
24	19.2	13.84	2.65	SLE RA 87	1.84	-3.33	320.41	28.1771	15.5629	0
24	19.2	13.84	2.65	SLE RA 88	3.55	-13.31	320.41	112.4743	30.0377	0
24	19.2	13.84	2.65	SLE RA 89	0	-16.65	320.41	140.6989	-0.0029	0
24	19.2	13.84	2.65	SLE RA 90	-3.56	-19.99	320.41	168.9236	-30.0435	0
24	19.2	13.84	2.65	SLE FR 1	2.96	2.78	291.84	-23.5205	25.0338	0
24	19.2	13.84	2.65	SLE FR 2	0	0	291.84	0	0	0
24	19.2	13.84	2.65	SLE FR 3	-2.96	-2.78	291.84	23.5205	-25.0338	0
24	19.2	13.84	2.65	SLE FR 4	-2.38	0	291.84	0.021	-20.1513	0
24	19.2	13.84	2.65	SLE FR 5	0	5.55	291.84	-46.9299	0.001	0
24	19.2	13.84	2.65	SLE FR 6	1.8	0	291.84	-0.0159	15.2012	0
24	19.2	13.84	2.65	SLE FR 7	0	-5.55	291.84	46.8996	-0.001	0
24	19.2	13.84	2.65	SLE FR 8	0	0	297.56	0	0	0
24	19.2	13.84	2.65	SLE QP 1	0	0	291.84	0	0	0
24	19.2	13.84	2.65	SLO 1	201.27	56.1	291.84	-474.136	1700.7183	-83.2603
24	19.2	13.84	2.65	SLO 2	191.93	73.78	291.84	-623.3734	1621.8517	83.2603
24	19.2	13.84	2.65	SLO 3	201.27	-73.58	291.84	621.6402	1700.7113	-83.2603
24	19.2	13.84	2.65	SLO 4	191.93	-55.89	291.84	472.4028	1621.8447	83.2603
24	19.2	13.84	2.65	SLO 5	64.89	204.97	291.84	-1732.106	548.3081	-105.3856
24	19.2	13.84	2.65	SLO 6	53.07	227.35	291.84	-1921.0011	448.4839	105.3856
24	19.2	13.84	2.65	SLO 7	64.89	-227.29	291.84	1920.4812	548.285	-105.3856
24	19.2	13.84	2.65	SLO 8	53.07	-204.9	291.84	1731.5861	448.4608	105.3856
24	19.2	13.84	2.65	SLO 9	-53.07	204.9	291.84	-1731.5861	-448.4608	-105.3856
24	19.2	13.84	2.65	SLO 10	-64.89	227.29	291.84	-1920.4812	-548.285	105.3856
24	19.2	13.84	2.65	SLO 11	-53.07	-227.35	291.84	1921.0011	-448.4839	-105.3856
24	19.2	13.84	2.65	SLO 12	-64.89	-204.97	291.84	1732.106	-548.3081	105.3856
24	19.2	13.84	2.65	SLO 13	-191.93	55.89	291.84	-472.4028	-1621.8447	-83.2603
24	19.2	13.84	2.65	SLO 14	-201.27	73.58	291.84	-621.6402	-1700.7113	83.2603
24	19.2	13.84	2.65	SLO 15	-191.93	-73.78	291.84	623.3734	-1621.8517	-83.2603
24	19.2	13.84	2.65	SLO 16	-201.27	-56.1	291.84	474.136	-1700.7183	83.2603
24	19.2	13.84	2.65	SLD 1	175.25	51.19	291.84	-432.6383	1480.876	-73.3486
24	19.2	13.84	2.65	SLD 2	167.03	66.77	291.84	-564.1098	1411.3981	73.3486
24	19.2	13.84	2.65	SLD 3	175.25	-66.59	291.84	562.6012	1480.8697	-73.3486
24	19.2	13.84	2.65	SLD 4	167.03	-51.01	291.84	431.1297	1411.3918	73.3486
24	19.2	13.84	2.65	SLD 5	56.65	186.27	291.84	-1574.1351	478.6769	-94.647
24	19.2	13.84	2.65	SLD 6	46.04	206.38	291.84	-1743.7823	389.0244	94.647
24	19.2	13.84	2.65	SLD 7	56.65	-206.33	291.84	1743.3297	478.6559	-94.647
24	19.2	13.84	2.65	SLD 8	46.04	-186.22	291.84	1573.6825	389.0035	94.647
24	19.2	13.84	2.65	SLD 9	-46.04	186.22	291.84	-1573.6825	-389.0035	-94.647
24	19.2	13.84	2.65	SLD 10	-56.65	206.33	291.84	-1743.3297	-478.6559	94.647
24	19.2	13.84	2.65	SLD 11	-46.04	-206.38	291.84	1743.7823	-389.0244	-94.647
24	19.2	13.84	2.65	SLD 12	-56.65	-186.27	291.84	1574.1351	-478.6769	94.647
24	19.2	13.84	2.65	SLD 13	-167.03	51.01	291.84	-431.1297	-1411.3918	-73.3486
24	19.2	13.84	2.65	SLD 14	-175.25	66.59	291.84	-562.6012	-1480.8697	73.3486
24	19.2	13.84	2.65	SLD 15	-167.03	-66.77	291.84	564.1098	-1411.3981	-73.3486
24	19.2	13.84	2.65	SLD 16	-175.25	-51.19	291.84	432.6383	-1480.876	73.3486
24	19.2	13.84	2.65	SLV FO 1	204.07	57.68	291.84	-487.5264	1724.4132	-84.7493
24	19.2	13.84	2.65	SLV FO 2	194.57	75.69	291.84	-639.4327	1644.1362	84.7493

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
24	19.2	13.84	2.65	SLV FO 3	204.07	-75.48	291.84	637.6755	1724.4061	-84.7493
24	19.2	13.84	2.65	SLV FO 4	194.57	-57.47	291.84	485.7693	1644.1291	84.7493
24	19.2	13.84	2.65	SLV FO 5	65.85	210.49	291.84	-1778.8171	556.4395	-107.9915
24	19.2	13.84	2.65	SLV FO 6	53.74	233.43	291.84	-1972.3831	454.1468	107.9915
24	19.2	13.84	2.65	SLV FO 7	65.85	-233.37	291.84	1971.856	556.4159	-107.9915
24	19.2	13.84	2.65	SLV FO 8	53.74	-210.43	291.84	1778.29	454.1232	107.9915
24	19.2	13.84	2.65	SLV FO 9	-53.74	210.43	291.84	-1778.29	-454.1232	-107.9915
24	19.2	13.84	2.65	SLV FO 10	-65.85	233.37	291.84	-1971.856	-556.4159	107.9915
24	19.2	13.84	2.65	SLV FO 11	-53.74	-233.43	291.84	1972.3831	-454.1468	-107.9915
24	19.2	13.84	2.65	SLV FO 12	-65.85	-210.49	291.84	1778.8171	-556.4395	107.9915
24	19.2	13.84	2.65	SLV FO 13	-194.57	57.47	291.84	-485.7693	-1644.1291	-84.7493
24	19.2	13.84	2.65	SLV FO 14	-204.07	75.48	291.84	-637.6755	-1724.4061	84.7493
24	19.2	13.84	2.65	SLV FO 15	-194.57	-75.69	291.84	639.4327	-1644.1362	-84.7493
24	19.2	13.84	2.65	SLV FO 16	-204.07	-57.68	291.84	487.5264	-1724.4132	84.7493
25	20.75	13.84	2.65	SLU 1	-9	-13.5	280.13	63.45	-134.5625	-8.1
25	20.75	13.84	2.65	SLU 2	-9	-13.5	280.13	63.45	-134.5608	-8.1
25	20.75	13.84	2.65	SLU 3	-9	-13.5	280.13	63.45	-134.5591	-8.1
25	20.75	13.84	2.65	SLU 4	-9	-13.5	280.13	63.45	-134.5667	-8.1
25	20.75	13.84	2.65	SLU 5	-9	-13.5	280.13	63.45	-134.5633	-8.1
25	20.75	13.84	2.65	SLU 6	-9	-13.5	280.13	63.45	-134.5688	-8.1
25	20.75	13.84	2.65	SLU 7	-9	-13.5	280.13	63.45	-134.5678	-8.1
25	20.75	13.84	2.65	SLU 8	-9	-13.5	280.13	63.45	-134.5668	-8.1
25	20.75	13.84	2.65	SLU 9	-9	-13.5	280.13	63.45	-134.5624	-8.1
25	20.75	13.84	2.65	SLU 10	-9	-13.5	280.13	63.45	-134.559	-8.1
25	20.75	13.84	2.65	SLU 11	-9	-13.5	280.13	63.45	-134.5616	-8.1
25	20.75	13.84	2.65	SLU 12	-9	-13.5	280.13	63.45	-134.5606	-8.1
25	20.75	13.84	2.65	SLU 13	-9	-13.5	280.13	63.45	-134.5596	-8.1
25	20.75	13.84	2.65	SLU 14	-9	-13.5	280.13	63.45	-134.5593	-8.1
25	20.75	13.84	2.65	SLU 15	-9	-13.5	280.13	63.45	-134.556	-8.1
25	20.75	13.84	2.65	SLU 16	-9	-13.5	280.13	63.45	-134.5565	-8.1
25	20.75	13.84	2.65	SLU 17	-9	-13.5	280.13	63.45	-134.5555	-8.1
25	20.75	13.84	2.65	SLU 18	-9	-13.5	280.13	63.45	-134.5545	-8.1
25	20.75	13.84	2.65	SLU 19	-9	-13.5	280.13	63.45	-134.5626	-8.1
25	20.75	13.84	2.65	SLU 20	-9	-13.5	280.13	63.45	-134.5592	-8.1
25	20.75	13.84	2.65	SLU 21	-9	-13.5	280.13	63.45	-134.562	-8.1
25	20.75	13.84	2.65	SLU 22	-9	-13.5	280.13	63.45	-134.561	-8.1
25	20.75	13.84	2.65	SLU 23	-9	-13.5	280.13	63.45	-134.56	-8.1
25	20.75	13.84	2.65	SLU 24	-9	-13.5	280.13	63.45	-134.5618	-8.1
25	20.75	13.84	2.65	SLU 25	-9	-13.5	280.13	63.45	-134.5608	-8.1
25	20.75	13.84	2.65	SLU 26	-9	-13.5	280.13	63.45	-134.5598	-8.1
25	20.75	13.84	2.65	SLU 27	-9	-13.5	280.13	63.45	-134.566	-8.1
25	20.75	13.84	2.65	SLU 28	-9	-13.5	280.13	63.45	-134.565	-8.1
25	20.75	13.84	2.65	SLU 29	-9	-13.5	280.13	63.45	-134.564	-8.1
25	20.75	13.84	2.65	SLU 30	-9	-13.5	280.13	63.45	-134.5617	-8.1
25	20.75	13.84	2.65	SLU 31	-9	-13.5	280.13	63.45	-134.5607	-8.1
25	20.75	13.84	2.65	SLU 32	-9	-13.5	280.13	63.45	-134.5597	-8.1
25	20.75	13.84	2.65	SLU 33	-9	-13.5	280.13	63.45	-134.5586	-8.1
25	20.75	13.84	2.65	SLU 34	-9	-13.5	280.13	63.45	-134.5576	-8.1
25	20.75	13.84	2.65	SLU 35	-9	-13.5	280.13	63.45	-134.5566	-8.1
25	20.75	13.84	2.65	SLU 36	-9	-13.5	280.13	63.45	-134.5619	-8.1
25	20.75	13.84	2.65	SLU 37	-9	-13.5	280.13	63.45	-134.5609	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
25	20.75	13.84	2.65	SLU 38	-9	-13.5	280.13	63.45	-134.5599	-8.1
25	20.75	13.84	2.65	SLU 39	-9	-13.5	280.13	63.45	-134.5625	-8.1
25	20.75	13.84	2.65	SLU 40	-9	-13.5	280.13	63.45	-134.5591	-8.1
25	20.75	13.84	2.65	SLU 41	-9	-13.5	280.13	63.45	-134.5667	-8.1
25	20.75	13.84	2.65	SLU 42	-9	-13.5	280.13	63.45	-134.5633	-8.1
25	20.75	13.84	2.65	SLU 43	-9	-13.5	280.13	63.45	-134.5688	-8.1
25	20.75	13.84	2.65	SLU 44	-9	-13.5	280.13	63.45	-134.5678	-8.1
25	20.75	13.84	2.65	SLU 45	-9	-13.5	280.13	63.45	-134.5668	-8.1
25	20.75	13.84	2.65	SLU 46	-9	-13.5	280.13	63.45	-134.5624	-8.1
25	20.75	13.84	2.65	SLU 47	-9	-13.5	280.13	63.45	-134.559	-8.1
25	20.75	13.84	2.65	SLU 48	-9	-13.5	280.13	63.45	-134.5616	-8.1
25	20.75	13.84	2.65	SLU 49	-9	-13.5	280.13	63.45	-134.5606	-8.1
25	20.75	13.84	2.65	SLU 50	-9	-13.5	280.13	63.45	-134.5596	-8.1
25	20.75	13.84	2.65	SLU 51	-9	-13.5	280.13	63.45	-134.5593	-8.1
25	20.75	13.84	2.65	SLU 52	-9	-13.5	280.13	63.45	-134.556	-8.1
25	20.75	13.84	2.65	SLU 53	-9	-13.5	280.13	63.45	-134.5565	-8.1
25	20.75	13.84	2.65	SLU 54	-9	-13.5	280.13	63.45	-134.5555	-8.1
25	20.75	13.84	2.65	SLU 55	-9	-13.5	280.13	63.45	-134.5545	-8.1
25	20.75	13.84	2.65	SLU 56	-9	-13.5	280.13	63.45	-134.5626	-8.1
25	20.75	13.84	2.65	SLU 57	-9	-13.5	280.13	63.45	-134.5592	-8.1
25	20.75	13.84	2.65	SLU 58	-9	-13.5	280.13	63.45	-134.562	-8.1
25	20.75	13.84	2.65	SLU 59	-9	-13.5	280.13	63.45	-134.561	-8.1
25	20.75	13.84	2.65	SLU 60	-9	-13.5	280.13	63.45	-134.56	-8.1
25	20.75	13.84	2.65	SLU 61	-9	-13.5	280.13	63.45	-134.5618	-8.1
25	20.75	13.84	2.65	SLU 62	-9	-13.5	280.13	63.45	-134.5608	-8.1
25	20.75	13.84	2.65	SLU 63	-9	-13.5	280.13	63.45	-134.5598	-8.1
25	20.75	13.84	2.65	SLU 64	-9	-13.5	280.13	63.45	-134.566	-8.1
25	20.75	13.84	2.65	SLU 65	-9	-13.5	280.13	63.45	-134.565	-8.1
25	20.75	13.84	2.65	SLU 66	-9	-13.5	280.13	63.45	-134.564	-8.1
25	20.75	13.84	2.65	SLU 67	-9	-13.5	280.13	63.45	-134.5617	-8.1
25	20.75	13.84	2.65	SLU 68	-9	-13.5	280.13	63.45	-134.5607	-8.1
25	20.75	13.84	2.65	SLU 69	-9	-13.5	280.13	63.45	-134.5597	-8.1
25	20.75	13.84	2.65	SLU 70	-9	-13.5	280.13	63.45	-134.5586	-8.1
25	20.75	13.84	2.65	SLU 71	-9	-13.5	280.13	63.45	-134.5576	-8.1
25	20.75	13.84	2.65	SLU 72	-9	-13.5	280.13	63.45	-134.5566	-8.1
25	20.75	13.84	2.65	SLU 73	-9	-13.5	280.13	63.45	-134.5619	-8.1
25	20.75	13.84	2.65	SLU 74	-9	-13.5	280.13	63.45	-134.5609	-8.1
25	20.75	13.84	2.65	SLU 75	-9	-13.5	280.13	63.45	-134.5599	-8.1
25	20.75	13.84	2.65	SLU 76	-9	-13.5	280.13	63.45	-134.5618	-8.1
25	20.75	13.84	2.65	SLU 77	-9	-13.5	280.13	63.45	-134.5608	-8.1
25	20.75	13.84	2.65	SLU 78	-9	-13.5	280.13	63.45	-134.5598	-8.1
25	20.75	13.84	2.65	SLU 79	-9	-13.5	280.13	63.45	-134.566	-8.1
25	20.75	13.84	2.65	SLU 80	-9	-13.5	280.13	63.45	-134.565	-8.1
25	20.75	13.84	2.65	SLU 81	-9	-13.5	280.13	63.45	-134.564	-8.1
25	20.75	13.84	2.65	SLU 82	-9	-13.5	280.13	63.45	-134.5617	-8.1
25	20.75	13.84	2.65	SLU 83	-9	-13.5	280.13	63.45	-134.5607	-8.1
25	20.75	13.84	2.65	SLU 84	-9	-13.5	280.13	63.45	-134.5597	-8.1
25	20.75	13.84	2.65	SLU 85	-9	-13.5	280.13	63.45	-134.5586	-8.1
25	20.75	13.84	2.65	SLU 86	-9	-13.5	280.13	63.45	-134.5576	-8.1
25	20.75	13.84	2.65	SLU 87	-9	-13.5	280.13	63.45	-134.5566	-8.1
25	20.75	13.84	2.65	SLU 88	-9	-13.5	280.13	63.45	-134.5619	-8.1

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
25	20.75	13.84	2.65	SLU 89	-9	-13.5	280.13	63.45	-134.5609	-8.1
25	20.75	13.84	2.65	SLU 90	-9	-13.5	280.13	63.45	-134.5599	-8.1
25	20.75	13.84	2.65	SLE RA 1	-6	-9	200.56	42.3	-90.2174	-5.4
25	20.75	13.84	2.65	SLE RA 2	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 3	-6	-9	200.56	42.3	-90.2151	-5.4
25	20.75	13.84	2.65	SLE RA 4	-6	-9	200.56	42.3	-90.2202	-5.4
25	20.75	13.84	2.65	SLE RA 5	-6	-9	200.56	42.3	-90.2179	-5.4
25	20.75	13.84	2.65	SLE RA 6	-6	-9	200.56	42.3	-90.2216	-5.4
25	20.75	13.84	2.65	SLE RA 7	-6	-9	200.56	42.3	-90.2209	-5.4
25	20.75	13.84	2.65	SLE RA 8	-6	-9	200.56	42.3	-90.2202	-5.4
25	20.75	13.84	2.65	SLE RA 9	-6	-9	200.56	42.3	-90.2173	-5.4
25	20.75	13.84	2.65	SLE RA 10	-6	-9	200.56	42.3	-90.2151	-5.4
25	20.75	13.84	2.65	SLE RA 11	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE RA 12	-6	-9	200.56	42.3	-90.2161	-5.4
25	20.75	13.84	2.65	SLE RA 13	-6	-9	200.56	42.3	-90.2154	-5.4
25	20.75	13.84	2.65	SLE RA 14	-6	-9	200.56	42.3	-90.2152	-5.4
25	20.75	13.84	2.65	SLE RA 15	-6	-9	200.56	42.3	-90.213	-5.4
25	20.75	13.84	2.65	SLE RA 16	-6	-9	200.56	42.3	-90.2134	-5.4
25	20.75	13.84	2.65	SLE RA 17	-6	-9	200.56	42.3	-90.2127	-5.4
25	20.75	13.84	2.65	SLE RA 18	-6	-9	200.56	42.3	-90.212	-5.4
25	20.75	13.84	2.65	SLE RA 19	-6	-9	200.56	42.3	-90.2174	-5.4
25	20.75	13.84	2.65	SLE RA 20	-6	-9	200.56	42.3	-90.2152	-5.4
25	20.75	13.84	2.65	SLE RA 21	-6	-9	200.56	42.3	-90.217	-5.4
25	20.75	13.84	2.65	SLE RA 22	-6	-9	200.56	42.3	-90.2164	-5.4
25	20.75	13.84	2.65	SLE RA 23	-6	-9	200.56	42.3	-90.2157	-5.4
25	20.75	13.84	2.65	SLE RA 24	-6	-9	200.56	42.3	-90.2169	-5.4
25	20.75	13.84	2.65	SLE RA 25	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 26	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE RA 27	-6	-9	200.56	42.3	-90.2197	-5.4
25	20.75	13.84	2.65	SLE RA 28	-6	-9	200.56	42.3	-90.219	-5.4
25	20.75	13.84	2.65	SLE RA 29	-6	-9	200.56	42.3	-90.2184	-5.4
25	20.75	13.84	2.65	SLE RA 30	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE RA 31	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 32	-6	-9	200.56	42.3	-90.2155	-5.4
25	20.75	13.84	2.65	SLE RA 33	-6	-9	200.56	42.3	-90.2148	-5.4
25	20.75	13.84	2.65	SLE RA 34	-6	-9	200.56	42.3	-90.2141	-5.4
25	20.75	13.84	2.65	SLE RA 35	-6	-9	200.56	42.3	-90.2135	-5.4
25	20.75	13.84	2.65	SLE RA 36	-6	-9	200.56	42.3	-90.217	-5.4
25	20.75	13.84	2.65	SLE RA 37	-6	-9	200.56	42.3	-90.2163	-5.4
25	20.75	13.84	2.65	SLE RA 38	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE RA 39	-6	-9	200.56	42.3	-90.2174	-5.4
25	20.75	13.84	2.65	SLE RA 40	-6	-9	200.56	42.3	-90.2151	-5.4
25	20.75	13.84	2.65	SLE RA 41	-6	-9	200.56	42.3	-90.2202	-5.4
25	20.75	13.84	2.65	SLE RA 42	-6	-9	200.56	42.3	-90.2179	-5.4
25	20.75	13.84	2.65	SLE RA 43	-6	-9	200.56	42.3	-90.2216	-5.4
25	20.75	13.84	2.65	SLE RA 44	-6	-9	200.56	42.3	-90.2209	-5.4
25	20.75	13.84	2.65	SLE RA 45	-6	-9	200.56	42.3	-90.2202	-5.4
25	20.75	13.84	2.65	SLE RA 46	-6	-9	200.56	42.3	-90.2173	-5.4
25	20.75	13.84	2.65	SLE RA 47	-6	-9	200.56	42.3	-90.2151	-5.4
25	20.75	13.84	2.65	SLE RA 48	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE RA 49	-6	-9	200.56	42.3	-90.2161	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
25	20.75	13.84	2.65	SLE RA 50	-6	-9	200.56	42.3	-90.2154	-5.4
25	20.75	13.84	2.65	SLE RA 51	-6	-9	200.56	42.3	-90.2152	-5.4
25	20.75	13.84	2.65	SLE RA 52	-6	-9	200.56	42.3	-90.213	-5.4
25	20.75	13.84	2.65	SLE RA 53	-6	-9	200.56	42.3	-90.2134	-5.4
25	20.75	13.84	2.65	SLE RA 54	-6	-9	200.56	42.3	-90.2127	-5.4
25	20.75	13.84	2.65	SLE RA 55	-6	-9	200.56	42.3	-90.212	-5.4
25	20.75	13.84	2.65	SLE RA 56	-6	-9	200.56	42.3	-90.2174	-5.4
25	20.75	13.84	2.65	SLE RA 57	-6	-9	200.56	42.3	-90.2152	-5.4
25	20.75	13.84	2.65	SLE RA 58	-6	-9	200.56	42.3	-90.217	-5.4
25	20.75	13.84	2.65	SLE RA 59	-6	-9	200.56	42.3	-90.2164	-5.4
25	20.75	13.84	2.65	SLE RA 60	-6	-9	200.56	42.3	-90.2157	-5.4
25	20.75	13.84	2.65	SLE RA 61	-6	-9	200.56	42.3	-90.2169	-5.4
25	20.75	13.84	2.65	SLE RA 62	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 63	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE RA 64	-6	-9	200.56	42.3	-90.2197	-5.4
25	20.75	13.84	2.65	SLE RA 65	-6	-9	200.56	42.3	-90.219	-5.4
25	20.75	13.84	2.65	SLE RA 66	-6	-9	200.56	42.3	-90.2184	-5.4
25	20.75	13.84	2.65	SLE RA 67	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE RA 68	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 69	-6	-9	200.56	42.3	-90.2155	-5.4
25	20.75	13.84	2.65	SLE RA 70	-6	-9	200.56	42.3	-90.2148	-5.4
25	20.75	13.84	2.65	SLE RA 71	-6	-9	200.56	42.3	-90.2141	-5.4
25	20.75	13.84	2.65	SLE RA 72	-6	-9	200.56	42.3	-90.2135	-5.4
25	20.75	13.84	2.65	SLE RA 73	-6	-9	200.56	42.3	-90.217	-5.4
25	20.75	13.84	2.65	SLE RA 74	-6	-9	200.56	42.3	-90.2163	-5.4
25	20.75	13.84	2.65	SLE RA 75	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE RA 76	-6	-9	200.56	42.3	-90.2169	-5.4
25	20.75	13.84	2.65	SLE RA 77	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 78	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE RA 79	-6	-9	200.56	42.3	-90.2197	-5.4
25	20.75	13.84	2.65	SLE RA 80	-6	-9	200.56	42.3	-90.219	-5.4
25	20.75	13.84	2.65	SLE RA 81	-6	-9	200.56	42.3	-90.2184	-5.4
25	20.75	13.84	2.65	SLE RA 82	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE RA 83	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE RA 84	-6	-9	200.56	42.3	-90.2155	-5.4
25	20.75	13.84	2.65	SLE RA 85	-6	-9	200.56	42.3	-90.2148	-5.4
25	20.75	13.84	2.65	SLE RA 86	-6	-9	200.56	42.3	-90.2141	-5.4
25	20.75	13.84	2.65	SLE RA 87	-6	-9	200.56	42.3	-90.2135	-5.4
25	20.75	13.84	2.65	SLE RA 88	-6	-9	200.56	42.3	-90.217	-5.4
25	20.75	13.84	2.65	SLE RA 89	-6	-9	200.56	42.3	-90.2163	-5.4
25	20.75	13.84	2.65	SLE RA 90	-6	-9	200.56	42.3	-90.2156	-5.4
25	20.75	13.84	2.65	SLE FR 1	-6	-9	200.56	42.3	-90.2168	-5.4
25	20.75	13.84	2.65	SLE FR 2	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE FR 3	-6	-9	200.56	42.3	-90.2157	-5.4
25	20.75	13.84	2.65	SLE FR 4	-6	-9	200.56	42.3	-90.2172	-5.4
25	20.75	13.84	2.65	SLE FR 5	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE FR 6	-6	-9	200.56	42.3	-90.2155	-5.4
25	20.75	13.84	2.65	SLE FR 7	-6	-9	200.56	42.3	-90.2163	-5.4
25	20.75	13.84	2.65	SLE FR 8	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLE QP 1	-6	-9	200.56	42.3	-90.2162	-5.4
25	20.75	13.84	2.65	SLO 1	-5.98	-9	200.56	42.3142	-90.1077	-5.4

Nodo				Cont.	Reazione a traslazione			Reazione a rotazione		
Ind.	Posizione			N.br.	x	y	z	x	y	z
	X	Y	Z							
25	20.75	13.84	2.65	SLO 2	-5.98	-9	200.56	42.3142	-90.1146	-5.4
25	20.75	13.84	2.65	SLO 3	-5.98	-9	200.56	42.3176	-90.0819	-5.4
25	20.75	13.84	2.65	SLO 4	-5.98	-9	200.56	42.3176	-90.0888	-5.4
25	20.75	13.84	2.65	SLO 5	-5.99	-9	200.56	42.2991	-90.2211	-5.4
25	20.75	13.84	2.65	SLO 6	-5.99	-9	200.56	42.2991	-90.2266	-5.4
25	20.75	13.84	2.65	SLO 7	-6	-9	200.56	42.3104	-90.1351	-5.4
25	20.75	13.84	2.65	SLO 8	-6	-9	200.56	42.3104	-90.1406	-5.4
25	20.75	13.84	2.65	SLO 9	-6	-9	200.56	42.2896	-90.2919	-5.4
25	20.75	13.84	2.65	SLO 10	-6	-9	200.56	42.2896	-90.2974	-5.4
25	20.75	13.84	2.65	SLO 11	-6.01	-9	200.56	42.3009	-90.2059	-5.4
25	20.75	13.84	2.65	SLO 12	-6.01	-9	200.56	42.3009	-90.2114	-5.4
25	20.75	13.84	2.65	SLO 13	-6.02	-9	200.56	42.2824	-90.3437	-5.4
25	20.75	13.84	2.65	SLO 14	-6.02	-9	200.56	42.2824	-90.3506	-5.4
25	20.75	13.84	2.65	SLO 15	-6.02	-9	200.56	42.2858	-90.3179	-5.4
25	20.75	13.84	2.65	SLO 16	-6.02	-9	200.56	42.2858	-90.3248	-5.4
25	20.75	13.84	2.65	SLD 1	-5.98	-9	200.56	42.313	-90.1191	-5.4
25	20.75	13.84	2.65	SLD 2	-5.98	-9	200.56	42.313	-90.1252	-5.4
25	20.75	13.84	2.65	SLD 3	-5.99	-9	200.56	42.3162	-90.0954	-5.4
25	20.75	13.84	2.65	SLD 4	-5.99	-9	200.56	42.3162	-90.1015	-5.4
25	20.75	13.84	2.65	SLD 5	-5.99	-9	200.56	42.2992	-90.2214	-5.4
25	20.75	13.84	2.65	SLD 6	-5.99	-9	200.56	42.2992	-90.2263	-5.4
25	20.75	13.84	2.65	SLD 7	-6	-9	200.56	42.3096	-90.1426	-5.4
25	20.75	13.84	2.65	SLD 8	-6	-9	200.56	42.3096	-90.1475	-5.4
25	20.75	13.84	2.65	SLD 9	-6	-9	200.56	42.2904	-90.285	-5.4
25	20.75	13.84	2.65	SLD 10	-6	-9	200.56	42.2904	-90.2899	-5.4
25	20.75	13.84	2.65	SLD 11	-6.01	-9	200.56	42.3008	-90.2061	-5.4
25	20.75	13.84	2.65	SLD 12	-6.01	-9	200.56	42.3008	-90.2111	-5.4
25	20.75	13.84	2.65	SLD 13	-6.01	-9	200.56	42.2838	-90.331	-5.4
25	20.75	13.84	2.65	SLD 14	-6.01	-9	200.56	42.2838	-90.337	-5.4
25	20.75	13.84	2.65	SLD 15	-6.02	-9	200.56	42.287	-90.3073	-5.4
25	20.75	13.84	2.65	SLD 16	-6.02	-9	200.56	42.287	-90.3134	-5.4
25	20.75	13.84	2.65	SLV FO 1	-5.98	-9	200.56	42.3146	-90.1055	-5.4
25	20.75	13.84	2.65	SLV FO 2	-5.98	-9	200.56	42.3146	-90.1125	-5.4
25	20.75	13.84	2.65	SLV FO 3	-5.98	-9	200.56	42.3181	-90.079	-5.4
25	20.75	13.84	2.65	SLV FO 4	-5.98	-9	200.56	42.3181	-90.086	-5.4
25	20.75	13.84	2.65	SLV FO 5	-5.99	-9	200.56	42.2991	-90.2214	-5.4
25	20.75	13.84	2.65	SLV FO 6	-5.99	-9	200.56	42.2991	-90.227	-5.4
25	20.75	13.84	2.65	SLV FO 7	-6	-9	200.56	42.3107	-90.1332	-5.4
25	20.75	13.84	2.65	SLV FO 8	-6	-9	200.56	42.3107	-90.1388	-5.4
25	20.75	13.84	2.65	SLV FO 9	-6	-9	200.56	42.2893	-90.2937	-5.4
25	20.75	13.84	2.65	SLV FO 10	-6	-9	200.56	42.2893	-90.2993	-5.4
25	20.75	13.84	2.65	SLV FO 11	-6.01	-9	200.56	42.3009	-90.2055	-5.4
25	20.75	13.84	2.65	SLV FO 12	-6.01	-9	200.56	42.3009	-90.2111	-5.4
25	20.75	13.84	2.65	SLV FO 13	-6.02	-9	200.56	42.2819	-90.3464	-5.4
25	20.75	13.84	2.65	SLV FO 14	-6.02	-9	200.56	42.2819	-90.3535	-5.4
25	20.75	13.84	2.65	SLV FO 15	-6.02	-9	200.56	42.2854	-90.32	-5.4
25	20.75	13.84	2.65	SLV FO 16	-6.02	-9	200.56	42.2854	-90.327	-5.4