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Introduzione

Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto.

I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza. La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.
- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.
- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.
- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.
- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio

Relazione di calcolo

- Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.
- DIN 1052 - Metodi di verifica per il legno.
- D.M. del 17/1/2018 - Norme tecniche per le costruzioni.
- Circolare n. 7 del 21/1/2019 - Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018.
- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.
- Eurocodice 2 - Progettazione delle strutture di calcestruzzo.
- Eurocodice 3 - Progettazione delle strutture in acciaio.
- Eurocodice 5 - Progettazione delle strutture di legno.

Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : daN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

Geometria

Elenco nodi

Simbologia

Imp. = Numero dell'impalcato
Nodo = Numero del nodo
Vn = Numero del vincolo nodo
X = Coordinata X del nodo
Y = Coordinata Y del nodo
Z = Coordinata Z del nodo

Nodo	X	Y	Z	Imp.	Vn	Nodo	X	Y	Z	Imp.	Vn	Nodo	X	Y	Z	Imp.	Vn	Nodo	X	Y	Z	Imp.	Vn
	<m>	<m>	<m>				<m>	<m>	<m>				<m>	<m>	<m>				<m>	<m>	<m>		
-507	17.40	5.18	3.01	1	1	-506	21.59	5.22	3.01	1	1	-505	20.85	5.22	3.01	1	1	-504	20.24	5.21	3.01	1	1
-503	19.64	5.21	3.01	1	1	-502	19.03	5.20	3.01	1	1	-501	18.42	5.19	3.01	1	1	-500	18.42	5.64	3.02	1	1
-499	19.03	5.65	3.02	1	1	-498	19.64	5.66	3.02	1	1	-497	20.24	5.68	3.02	1	1	-496	20.85	5.69	3.02	1	1
-495	21.46	5.22	3.01	1	1	-494	20.85	4.75	2.99	1	1	-493	20.24	4.75	2.99	1	1	-492	19.64	4.75	2.99	1	1
-491	19.03	4.75	2.99	1	1	-490	18.42	4.75	2.99	1	1	-489	17.81	5.19	3.01	1	1	-481	10.36	5.48	3.02	1	1
-480	11.03	5.50	3.02	1	1	-479	11.71	5.51	3.02	1	1	-478	12.38	5.52	3.02	1	1	-477	13.05	5.53	3.02	1	1
-476	13.73	5.55	3.02	1	1	-475	14.40	5.56	3.02	1	1	-473	14.40	4.75	2.99	1	1	-472	13.73	4.75	2.99	1	1
-471	13.05	4.75	2.99	1	1	-470	12.38	4.75	2.99	1	1	-469	11.71	4.75	2.99	1	1	-468	11.03	4.75	2.99	1	1
-467	10.36	4.75	2.99	1	1	-465	5.17	5.38	3.01	1	1	-464	5.82	5.39	3.01	1	1	-463	6.46	5.41	3.01	1	1
-462	7.11	5.42	3.01	1	1	-461	7.75	5.43	3.01	1	1	-460	8.39	5.44	3.01	1	1	-459	9.04	5.46	3.02	1	1
-457	9.04	4.75	2.99	1	1	-456	8.39	4.75	2.99	1	1	-455	7.75	4.75	2.99	1	1	-454	7.11	4.75	2.99	1	1
-453	6.46	4.75	2.99	1	1	-452	5.82	4.75	2.99	1	1	-451	5.17	4.75	2.99	1	1	-450	21.59	4.16	2.97	1	1
-449	21.59	3.56	2.95	1	1	-448	21.59	2.97	2.93	1	1	-447	21.59	2.38	2.90	1	1	-446	21.59	1.78	2.88	1	1
-445	21.59	1.19	2.86	1	1	-444	21.59	0.59	2.84	1	1	-443	21.46	0.59	2.84	1	1	-442	21.46	1.19	2.86	1	1
-441	21.46	1.78	2.88	1	1	-440	21.46	2.38	2.90	1	1	-439	21.46	2.97	2.93	1	1	-438	21.46	3.56	2.95	1	1
-437	21.46	4.16	2.97	1	1	-436	15.50	4.16	2.97	1	1	-435	15.50	3.56	2.95	1	1	-434	15.50	2.97	2.93	1	1
-433	15.50	2.38	2.90	1	1	-432	15.50	1.78	2.88	1	1	-431	15.50	1.19	2.86	1	1	-430	15.50	0.59	2.84	1	1
-429	15.08	0.59	2.84	1	1	-428	15.08	1.19	2.86	1	1	-427	15.08	1.78	2.88	1	1	-426	15.08	2.38	2.90	1	1
-425	15.08	2.97	2.93	1	1	-424	15.08	3.56	2.95	1	1	-423	15.08	4.16	2.97	1	1	-422	17.81	4.16	2.97	1	1
-421	17.81	3.56	2.95	1	1	-420	17.81	2.97	2.93	1	1	-419	17.81	2.38	2.90	1	1	-418	17.81	1.78	2.88	1	1
-417	17.81	1.19	2.86	1	1	-416	17.81	0.59	2.84	1	1	-415	17.40	0.59	2.84	1	1	-414	17.40	1.19	2.86	1	1
-413	17.40	1.78	2.88	1	1	-412	17.40	2.38	2.90	1	1	-411	17.40	2.97	2.93	1	1	-410	17.40	3.56	2.95	1	1
-409	17.40	4.16	2.97	1	1	-408	18.33	-0.00	2.82	1	1	-407	18.85	-0.00	2.82	1	1	-406	19.37	-0.00	2.82	1	1

Relazione di calcolo

-405	19.90	-0.00	2.82	1	1	-404	20.42	-0.00	2.82	1	1	-403	20.94	-0.00	2.82	1	1	-402	20.94	-0.42	2.80	1	1
-401	20.42	-0.42	2.80	1	1	-400	19.90	-0.42	2.80	1	1	-399	19.37	-0.42	2.80	1	1	-398	18.85	-0.42	2.80	1	1
-397	18.33	-0.42	2.80	1	1	-396	10.28	-0.00	2.82	1	1	-395	10.88	-0.00	2.82	1	1	-394	11.48	-0.00	2.82	1	1
-393	12.08	-0.00	2.82	1	1	-392	12.68	-0.00	2.82	1	1	-391	13.28	-0.00	2.82	1	1	-390	13.88	-0.00	2.82	1	1
-389	14.48	-0.00	2.82	1	1	-388	14.48	-0.42	2.80	1	1	-387	13.88	-0.42	2.80	1	1	-386	13.28	-0.42	2.80	1	1
-385	12.68	-0.42	2.80	1	1	-384	12.08	-0.42	2.80	1	1	-383	11.48	-0.42	2.80	1	1	-382	10.88	-0.42	2.80	1	1
-381	10.28	-0.42	2.80	1	1	-380	5.10	-0.00	2.82	1	1	-379	5.67	-0.00	2.82	1	1	-378	6.25	-0.00	2.82	1	1
-377	6.82	-0.00	2.82	1	1	-376	7.39	-0.00	2.82	1	1	-375	7.96	-0.00	2.82	1	1	-374	8.54	-0.00	2.82	1	1
-373	9.11	-0.00	2.82	1	1	-372	9.11	-0.42	2.80	1	1	-371	8.54	-0.42	2.80	1	1	-370	7.96	-0.42	2.80	1	1
-369	7.39	-0.42	2.80	1	1	-368	6.82	-0.42	2.80	1	1	-367	6.25	-0.42	2.80	1	1	-366	5.67	-0.42	2.80	1	1
-365	5.10	-0.42	2.80	1	1	-364	0.57	-0.00	2.82	1	1	-363	1.13	-0.00	2.82	1	1	-362	1.70	-0.00	2.82	1	1
-361	2.27	-0.00	2.82	1	1	-360	2.83	-0.00	2.82	1	1	-359	3.40	-0.00	2.82	1	1	-358	3.96	-0.00	2.82	1	1
-357	3.96	-0.42	2.80	1	1	-356	3.40	-0.42	2.80	1	1	-355	2.83	-0.42	2.80	1	1	-354	2.27	-0.42	2.80	1	1
-353	1.70	-0.42	2.80	1	1	-352	1.13	-0.42	2.80	1	1	-351	0.57	-0.42	2.80	1	1	-350	0.00	4.16	2.97	1	1
-349	0.00	3.56	2.95	1	1	-348	0.00	2.97	2.93	1	1	-347	0.00	2.38	2.90	1	1	-346	0.00	1.78	2.88	1	1
-345	0.00	1.19	2.86	1	1	-344	0.00	0.59	2.84	1	1	-343	-0.41	0.59	2.84	1	1	-342	-0.41	1.19	2.86	1	1
-341	-0.41	1.78	2.88	1	1	-340	-0.41	2.38	2.90	1	1	-339	-0.41	2.97	2.93	1	1	-338	-0.41	3.56	2.95	1	1
-337	-0.41	4.16	2.97	1	1	-336	0.57	5.29	3.01	1	1	-335	1.13	5.30	3.01	1	1	-334	1.70	5.31	3.01	1	1
-333	2.27	5.32	3.01	1	1	-332	2.83	5.33	3.01	1	1	-331	3.40	5.35	3.01	1	1	-330	3.96	5.36	3.01	1	1
-328	3.96	4.75	2.99	1	1	-327	3.40	4.75	2.99	1	1	-326	2.83	4.75	2.99	1	1	-325	2.27	4.75	2.99	1	1
-324	1.70	4.75	2.99	1	1	-323	1.13	4.75	2.99	1	1	-322	0.57	4.75	2.99	1	1	-321	20.94	-0.30	0.00	0	3
-320	20.42	-0.30	0.00	0	3	-319	19.90	-0.30	0.00	0	3	-318	19.37	-0.30	0.00	0	3	-317	18.85	-0.30	0.00	0	3
-316	18.33	-0.30	0.00	0	3	-315	17.51	0.59	0.00	0	3	-314	17.51	1.19	0.00	0	3	-313	17.51	1.78	0.00	0	3
-312	17.51	2.38	0.00	0	3	-311	17.51	2.97	0.00	0	3	-310	17.51	3.56	0.00	0	3	-309	17.51	4.16	0.00	0	3
-308	17.51	5.17	0.00	0	3	-307	21.76	5.22	0.00	0	3	-306	21.76	4.16	0.00	0	3	-305	21.76	3.56	0.00	0	3
-304	21.76	2.97	0.00	0	3	-303	21.76	2.38	0.00	0	3	-302	21.76	1.78	0.00	0	3	-301	21.76	1.19	0.00	0	3
-300	21.76	0.59	0.00	0	3	-299	18.33	5.90	0.00	0	3	-298	18.85	5.92	0.00	0	3	-297	19.37	5.93	0.00	0	3
-296	19.89	5.95	0.00	0	3	-295	20.41	5.96	0.00	0	3	-294	20.93	5.98	0.00	0	3	-293	20.94	5.21	0.00	0	3
-292	20.42	5.21	0.00	0	3	-291	19.90	5.20	0.00	0	3	-290	19.37	5.19	0.00	0	3	-289	18.85	5.18	0.00	0	3
-288	18.33	5.18	0.00	0	3	-287	17.81	5.17	0.00	0	3	-286	18.33	5.60	0.00	0	3	-285	18.85	5.62	0.00	0	3
-284	19.37	5.63	0.00	0	3	-283	19.90	5.65	0.00	0	3	-282	20.42	5.66	0.00	0	3	-281	20.94	5.68	0.00	0	3
-280	21.46	5.22	0.00	0	3	-279	20.94	4.16	0.00	0	3	-278	20.42	4.16	0.00	0	3	-277	19.90	4.16	0.00	0	3
-276	19.37	4.16	0.00	0	3	-275	18.85	4.16	0.00	0	3	-274	18.33	4.16	0.00	0	3	-273	20.94	3.56	0.00	0	3
-272	20.42	3.56	0.00	0	3	-271	19.90	3.56	0.00	0	3	-270	19.37	3.56	0.00	0	3	-269	18.85	3.56	0.00	0	3
-268	18.33	3.56	0.00	0	3	-267	20.94	2.97	0.00	0	3	-266	20.42	2.97	0.00	0	3	-265	19.90	2.97	0.00	0	3
-264	19.37	2.97	0.00	0	3	-263	18.85	2.97	0.00	0	3	-262	18.33	2.97	0.00	0	3	-261	20.94	2.38	0.00	0	3
-260	20.42	2.38	0.00	0	3	-259	19.90	2.38	0.00	0	3	-258	19.37	2.38	0.00	0	3	-257	18.85	2.38	0.00	0	3
-256	18.33	2.38	0.00	0	3	-255	20.94	1.78	0.00	0	3	-254	20.42	1.78	0.00	0	3	-253	19.90	1.78	0.00	0	3
-252	19.37	1.78	0.00	0	3	-251	18.85	1.78	0.00	0	3	-250	18.33	1.78	0.00	0	3	-249	20.94	1.19	0.00	0	3
-248	20.42	1.19	0.00	0	3	-247	19.90	1.19	0.00	0	3	-246	19.37	1.19	0.00	0	3	-245	18.85	1.19	0.00	0	3
-244	18.33	1.19	0.00	0	3	-243	20.94	0.59	0.00	0	3	-242	20.42	0.59	0.00	0	3	-241	19.90	0.59	0.00	0	3
-240	19.37	0.59	0.00	0	3	-239	18.85	0.59	0.00	0	3	-238	18.33	0.59	0.00	0	3	-237	17.81	0.59	0.00	0	3
-236	17.81	1.19	0.00	0	3	-235	17.81	1.78	0.00	0	3	-234	17.81	2.38	0.00	0	3	-233	17.81	2.97	0.00	0	3
-232	17.81	3.56	0.00	0	3	-231	17.81	4.16	0.00	0	3	-230	18.33	4.75	0.00	0	3	-229	18.85	4.75	0.00	0	3
-228	19.37	4.75	0.00	0	3	-227	19.90	4.75	0.00	0	3	-226	20.42	4.75	0.00	0	3	-225	20.94	4.75	0.00	0	3
-224	21.46	4.16	0.00	0	3	-223	21.46	3.56	0.00	0	3	-222	21.46	2.97	0.00	0	3	-221	21.46	2.38	0.00	0	3
-220	21.46	1.78	0.00	0	3	-219	21.46	1.19	0.00	0	3	-218	21.46	0.59	0.00	0	3	-217	20.94	0.00	0.00	0	3
-216	20.42	0.00	0.00	0	3	-215	19.90	0.00	0.00	0	3	-214	19.37	0.00	0.00	0	3	-213	18.85	0.00	0.00	0	3
-212	18.33	0.00	0.00	0	3	-211	4.83	4.16	0.00	0	3	-210	4.83	3.56	0.00	0	3	-209	4.83	2.97	0.00	0	3
-208	4.83	2.38	0.00	0	3	-207	4.83	1.78	0.00	0	3	-206	4.83	1.19	0.00	0	3	-205	4.83	0.59	0.00	0	3
-204	0.56	5.58	0.00	0	3	-203	1.13	5.59	0.00	0	3	-202	1.69	5.60	0.00	0	3	-201	2.26	5.61	0.00	0	3
-200	2.83	5.63	0.00	0	3	-199	3.39	5.64	0.00	0	3	-198	3.96	5.65	0.00	0	3	-197	0.57	5.28	0.00	0	3
-196	1.13	5.29	0.00	0	3	-195	1.70	5.30	0.00	0	3	-194	2.27	5.32	0.00	0	3	-193	2.83	5.33	0.00	0	3

Relazione di calcolo

-192	3.40	5.34	0.00	0	3	-191	3.96	5.35	0.00	0	3	-189	-0.30	0.59	0.00	0	3	-188	-0.30	1.19	0.00	0	3
-187	-0.30	1.78	0.00	0	3	-186	-0.30	2.38	0.00	0	3	-185	-0.30	2.97	0.00	0	3	-184	-0.30	3.56	0.00	0	3
-183	-0.30	4.16	0.00	0	3	-182	3.96	-0.30	0.00	0	3	-181	3.40	-0.30	0.00	0	3	-180	2.83	-0.30	0.00	0	3
-179	2.27	-0.30	0.00	0	3	-178	1.70	-0.30	0.00	0	3	-177	1.13	-0.30	0.00	0	3	-176	0.57	-0.30	0.00	0	3
-175	3.96	4.16	0.00	0	3	-174	3.40	4.16	0.00	0	3	-173	2.83	4.16	0.00	0	3	-172	2.27	4.16	0.00	0	3
-171	1.70	4.16	0.00	0	3	-170	1.13	4.16	0.00	0	3	-169	0.57	4.16	0.00	0	3	-168	3.96	3.56	0.00	0	3
-167	3.40	3.56	0.00	0	3	-166	2.83	3.56	0.00	0	3	-165	2.27	3.56	0.00	0	3	-164	1.70	3.56	0.00	0	3
-163	1.13	3.56	0.00	0	3	-162	0.57	3.56	0.00	0	3	-161	3.96	2.97	0.00	0	3	-160	3.40	2.97	0.00	0	3
-159	2.83	2.97	0.00	0	3	-158	2.27	2.97	0.00	0	3	-157	1.70	2.97	0.00	0	3	-156	1.13	2.97	0.00	0	3
-155	0.57	2.97	0.00	0	3	-154	3.96	2.38	0.00	0	3	-153	3.40	2.38	0.00	0	3	-152	2.83	2.38	0.00	0	3
-151	2.27	2.38	0.00	0	3	-150	1.70	2.38	0.00	0	3	-149	1.13	2.38	0.00	0	3	-148	0.57	2.38	0.00	0	3
-147	3.96	1.78	0.00	0	3	-146	3.40	1.78	0.00	0	3	-145	2.83	1.78	0.00	0	3	-144	2.27	1.78	0.00	0	3
-143	1.70	1.78	0.00	0	3	-142	1.13	1.78	0.00	0	3	-141	0.57	1.78	0.00	0	3	-140	3.96	1.19	0.00	0	3
-139	3.40	1.19	0.00	0	3	-138	2.83	1.19	0.00	0	3	-137	2.27	1.19	0.00	0	3	-136	1.70	1.19	0.00	0	3
-135	1.13	1.19	0.00	0	3	-134	0.57	1.19	0.00	0	3	-133	3.96	0.59	0.00	0	3	-132	3.40	0.59	0.00	0	3
-131	2.83	0.59	0.00	0	3	-130	2.27	0.59	0.00	0	3	-129	1.70	0.59	0.00	0	3	-128	1.13	0.59	0.00	0	3
-127	0.57	0.59	0.00	0	3	-126	0.00	0.59	0.00	0	3	-125	0.00	1.19	0.00	0	3	-124	0.00	1.78	0.00	0	3
-123	0.00	2.38	0.00	0	3	-122	0.00	2.97	0.00	0	3	-121	0.00	3.56	0.00	0	3	-120	0.00	4.16	0.00	0	3
-119	0.57	4.75	0.00	0	3	-118	1.13	4.75	0.00	0	3	-117	1.70	4.75	0.00	0	3	-116	2.27	4.75	0.00	0	3
-115	2.83	4.75	0.00	0	3	-114	3.40	4.75	0.00	0	3	-113	3.96	4.75	0.00	0	3	-112	4.53	4.16	0.00	0	3
-111	4.53	3.56	0.00	0	3	-110	4.53	2.97	0.00	0	3	-109	4.53	2.38	0.00	0	3	-108	4.53	1.78	0.00	0	3
-107	4.53	1.19	0.00	0	3	-106	4.53	0.59	0.00	0	3	-105	3.96	0.00	0.00	0	3	-104	3.40	0.00	0.00	0	3
-103	2.83	0.00	0.00	0	3	-102	2.27	0.00	0.00	0	3	-101	1.70	0.00	0.00	0	3	-100	1.13	0.00	0.00	0	3
-99	0.57	0.00	0.00	0	3	-98	15.08	4.45	0.00	0	3	-97	15.08	4.16	0.00	0	3	-96	15.08	3.86	0.00	0	3
-95	15.08	3.56	0.00	0	3	-94	15.08	3.27	0.00	0	3	-93	15.08	2.97	0.00	0	3	-92	15.08	2.67	0.00	0	3
-91	15.08	2.38	0.00	0	3	-90	15.08	2.08	0.00	0	3	-89	15.08	1.78	0.00	0	3	-88	15.08	1.48	0.00	0	3
-87	15.08	1.19	0.00	0	3	-86	15.08	0.89	0.00	0	3	-85	15.08	0.59	0.00	0	3	-84	15.08	0.30	0.00	0	3
-83	9.68	4.45	0.00	0	3	-82	9.68	4.16	0.00	0	3	-81	9.68	3.86	0.00	0	3	-80	9.68	3.56	0.00	0	3
-79	9.68	3.27	0.00	0	3	-78	9.68	2.97	0.00	0	3	-77	9.68	2.67	0.00	0	3	-76	9.68	2.38	0.00	0	3
-75	9.68	2.08	0.00	0	3	-74	9.68	1.78	0.00	0	3	-73	9.68	1.48	0.00	0	3	-72	9.68	1.19	0.00	0	3
-71	9.68	0.89	0.00	0	3	-70	9.68	0.59	0.00	0	3	-69	9.68	0.30	0.00	0	3	-68	9.31	0.00	0.00	0	3
-67	8.93	0.00	0.00	0	3	-66	8.56	0.00	0.00	0	3	-65	8.19	0.00	0.00	0	3	-64	7.81	0.00	0.00	0	3
-63	7.44	0.00	0.00	0	3	-62	7.07	0.00	0.00	0	3	-61	6.70	0.00	0.00	0	3	-60	6.32	0.00	0.00	0	3
-59	5.95	0.00	0.00	0	3	-58	5.58	0.00	0.00	0	3	-57	5.20	0.00	0.00	0	3	-56	14.69	0.00	0.00	0	3
-55	14.31	0.00	0.00	0	3	-54	13.92	0.00	0.00	0	3	-53	13.54	0.00	0.00	0	3	-52	13.15	0.00	0.00	0	3
-51	12.77	0.00	0.00	0	3	-50	12.38	0.00	0.00	0	3	-49	11.99	0.00	0.00	0	3	-48	11.61	0.00	0.00	0	3
-47	11.22	0.00	0.00	0	3	-46	10.84	0.00	0.00	0	3	-45	10.45	0.00	0.00	0	3	-44	10.07	0.00	0.00	0	3
-43	17.16	0.00	0.00	0	3	-42	16.82	0.00	0.00	0	3	-41	16.47	0.00	0.00	0	3	-40	16.12	0.00	0.00	0	3
-39	15.77	0.00	0.00	0	3	-38	15.43	0.00	0.00	0	3	-37	15.43	4.75	0.00	0	3	-36	15.77	4.75	0.00	0	3
-35	16.12	4.75	0.00	0	3	-34	16.47	4.75	0.00	0	3	-33	16.82	4.75	0.00	0	3	-32	17.16	4.75	0.00	0	3
-31	10.07	4.75	0.00	0	3	-30	10.45	4.75	0.00	0	3	-29	10.84	4.75	0.00	0	3	-28	11.22	4.75	0.00	0	3
-27	11.61	4.75	0.00	0	3	-26	11.99	4.75	0.00	0	3	-25	12.38	4.75	0.00	0	3	-24	12.77	4.75	0.00	0	3
-23	13.15	4.75	0.00	0	3	-22	13.54	4.75	0.00	0	3	-21	13.92	4.75	0.00	0	3	-20	14.31	4.75	0.00	0	3
-19	14.69	4.75	0.00	0	3	-18	5.20	4.75	0.00	0	3	-17	5.58	4.75	0.00	0	3	-16	5.95	4.75	0.00	0	3
-15	6.32	4.75	0.00	0	3	-14	6.70	4.75	0.00	0	3	-13	7.07	4.75	0.00	0	3	-12	7.44	4.75	0.00	0	3
-11	7.81	4.75	0.00	0	3	-10	8.19	4.75	0.00	0	3	-9	8.56	4.75	0.00	0	3	-8	8.93	4.75	0.00	0	3
-7	9.31	4.75	0.00	0	3	-6	17.40	5.62	3.02	1	1	-5	17.81	5.63	3.02	1	1	-4	4.53	5.37	3.01	1	1
-3	9.68	5.47	3.02	1	1	-2	15.08	5.57	3.02	1	1	-1	15.50	5.58	3.02	1	1	1	0.00	0.00	0.00	0	3
2	0.00	4.75	0.00	0	3	3	4.53	4.75	0.00	0	3	4	4.53	0.00	0.00	0	3	5	9.68	0.00	0.00	0	3
6	9.68	4.75	0.00	0	3	7	15.08	4.75	0.00	0	3	8	15.08	0.00	0.00	0	3	9	17.81	0.00	0.00	0	3
10	17.81	4.75	0.00	0	3	11	21.46	4.75	0.00	0	3	12	21.46	0.00	0.00	0	3	13	0.00	5.27	0.00	0	3
14	21.46	-0.30	0.00	0	3	15	17.81	-0.30	0.00	0	3	18	4.53	-0.30	0.00	0	3	19	0.00	-0.30	0.00	0	3
20	-0.30	-0.30	0.00	0	3	21	-0.30	5.27	0.00	0	3	22	-0.30	4.75	0.00	0	3	23	-0.30	0.00	0.00	0	3

Relazione di calcolo

24	21.46	5.69	0.00	0	3	25	17.81	5.59	0.00	0	3	26	21.76	5.69	0.00	0	3	27	21.76	-0.30	0.00	0	3
28	21.76	0.00	0.00	0	3	29	21.76	4.75	0.00	0	3	30	17.51	5.59	0.00	0	3	31	17.51	-0.30	0.00	0	3
32	17.51	4.75	0.00	0	3	33	17.51	0.00	0.00	0	3	34	4.83	-0.30	0.00	0	3	35	4.83	0.00	0.00	0	3
36	4.83	4.75	0.00	0	3	37	4.53	5.36	0.00	0	3	38	4.83	5.37	0.00	0	3	39	-0.31	5.57	0.00	0	3
40	4.82	5.67	0.00	0	3	41	-0.01	5.57	0.00	0	3	42	4.52	5.66	0.00	0	3	43	17.50	5.89	0.00	0	3
44	21.75	5.99	0.00	0	3	45	17.80	5.89	0.00	0	3	46	21.45	5.99	0.00	0	3	47	0.00	5.28	3.01	1	1
48	21.46	5.70	3.02	1	1	49	9.68	-0.42	2.80	1	1	50	21.46	-0.42	2.80	1	1	51	15.08	-0.42	2.80	1	1
52	4.53	-0.42	2.80	1	1	53	17.81	-0.42	2.80	1	1	54	0.00	-0.42	2.80	1	1	55	-0.41	-0.42	2.80	1	1
56	-0.41	4.75	2.99	1	1	57	-0.41	-0.00	2.82	1	1	58	-0.41	5.28	3.01	1	1	59	15.50	-0.42	2.80	1	1
60	15.50	-0.00	2.82	1	1	61	15.50	4.75	2.99	1	1	62	17.40	-0.42	2.80	1	1	63	21.59	-0.42	2.80	1	1
64	21.59	5.70	3.02	1	1	65	21.59	-0.00	2.82	1	1	66	21.59	4.75	2.99	1	1	101	0.00	-0.00	2.82	1	1
102	0.00	4.75	2.99	1	1	103	4.53	4.75	2.99	1	1	104	4.53	-0.00	2.82	1	1	105	9.68	-0.00	2.82	1	1
106	9.68	4.75	2.99	1	1	107	15.08	4.75	2.99	1	1	108	15.08	-0.00	2.82	1	1	109	17.81	-0.00	2.82	1	1
110	17.81	4.75	2.99	1	1	111	21.46	4.75	2.99	1	1	112	21.46	-0.00	2.82	1	1	113	17.40	4.75	2.99	1	1
114	17.40	-0.00	2.82	1	1																		

Elenco materiali

Simbologia

α =Coeff. di dilatazione termica
 ν =Coeff. di Poisson
Comm. = Commento
E =Modulo elastico
G =Modulo elastico tangenziale
Mat. =Numero del materiale
P =Peso specifico

Mat.	Comm.	P <daN/mc>	E <daN/cm ² >	G <daN/cm ² >	ν	α
5	Calcestruzzo classe C25/30	2500	314472.00	142942.00	0.1	1.00E-05
8	Calcestruzzo classe C32/40	2500	336428.00	152922.00	0.1	1.00E-05

Elenco sezioni aste

Simbologia

B =Base
C =Numero del criterio di progetto
Comm. = Commento
Crit. C.F. =Criterio di progetto collegamento finale
Crit. C.I. =Criterio di progetto collegamento iniziale
H =Altezza
Ma =Numero del materiale
Mem. =Membratura
T = Trave
P = Pilastro
Sez. =Numero della sezione
Tipo =Tipologia
R = Rettangolare
T = Sezione a T
Ver. =Verifica prevista
C = Cemento armato
b =Base inferiore
h =Altezza parte inf.

Sez.	Comm.	Tipo	Mem.	Ver.	B <cm>	b <cm>	H <cm>	h <cm>	Ma	C	Crit. C.I.	Crit. C.F.
1	PIL 25X25	R	P	C	25.00		25.00		8	1		
2	TR 50X20	R	T	C	50.00		20.00		8	3		
3	TR 30X20	R	T	C	30.00		20.00		8	4		
4	Tr. Rovescia	T		C	30.00	90.00	30.00	30.00	5	1		
5	Cordolo 30x30	R	T	C	30.00		30.00		5	1		
6	Pil. 25x50	R	P	C	50.00		25.00		8	1		

Elenco aste

Simbologia

Asta =Numero dell'asta
Dy1 =Scost. filo fisso Y1
Dy2 =Scost. filo fisso Y2
Dz1 =Scost. filo fisso Z1
Dz2 =Scost. filo fisso Z2
FF =Filo fisso

Relazione di calcolo

Kt =Coeff. di sottofondo su suolo elastico alla Winkler
N1 =Nodo iniziale
N2 =Nodo finale
Par.=Numero dei parametri aggiuntivi
Rot.=Rotazione
Sez.=Numero della sezione
Va =Numero del vincolo asta

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF	Dy1 <cm>	Dy2 <cm>	Dz1 <cm>	Dz2 <cm>	Kt <daN/cm>
0	35	-205		1		0.00	33	0.00	0.00	0.00	0.00	
0	-205	-206		1		0.00	33	0.00	0.00	0.00	0.00	
0	-206	-207		1		0.00	33	0.00	0.00	0.00	0.00	
0	-207	-208		1		0.00	33	0.00	0.00	0.00	0.00	
0	-208	-209		1		0.00	33	0.00	0.00	0.00	0.00	
0	-209	-210		1		0.00	33	0.00	0.00	0.00	0.00	
0	-210	-211		1		0.00	33	0.00	0.00	0.00	0.00	
0	-211	36		1		0.00	33	0.00	0.00	0.00	0.00	
0	33	-315		1		0.00	33	0.00	0.00	0.00	0.00	
0	-315	-314		1		0.00	33	0.00	0.00	0.00	0.00	
0	-314	-313		1		0.00	33	0.00	0.00	0.00	0.00	
0	-313	-312		1		0.00	33	0.00	0.00	0.00	0.00	
0	-312	-311		1		0.00	33	0.00	0.00	0.00	0.00	
0	-311	-310		1		0.00	33	0.00	0.00	0.00	0.00	
0	-310	-309		1		0.00	33	0.00	0.00	0.00	0.00	
0	-309	32		1		0.00	33	0.00	0.00	0.00	0.00	
21	1	101	6	1		90.00	33	0.00	0.00	0.00	0.00	
22	2	102	6	1		0.00	22	0.00	0.00	0.00	0.00	
23	3	103	6	1		0.00	88	0.00	0.00	0.00	0.00	
24	4	104	6	1		90.00	11	0.00	0.00	0.00	0.00	
25	5	105	1	1		0.00	44	0.00	0.00	0.00	0.00	
26	6	106	1	1		0.00	66	0.00	0.00	0.00	0.00	
27	7	107	1	1		0.00	99	0.00	0.00	0.00	0.00	
28	8	108	1	1		0.00	77	0.00	0.00	0.00	0.00	
29	9	109	1	1		0.00	11	0.00	0.00	0.00	0.00	
30	10	110	1	1		0.00	33	0.00	0.00	0.00	0.00	
31	11	111	1	1		0.00	99	0.00	0.00	0.00	0.00	
32	12	112	1	1		0.00	77	0.00	0.00	0.00	0.00	
401	35	-57	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-57	-58	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-58	-59	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-59	-60	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-60	-61	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-61	-62	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-62	-63	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-63	-64	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-64	-65	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-65	-66	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-66	-67	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-67	-68	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-68	5	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	5	-44	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-44	-45	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-45	-46	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-46	-47	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-47	-48	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-48	-49	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-49	-50	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-50	-51	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-51	-52	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-52	-53	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-53	-54	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-54	-55	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-55	-56	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-56	8	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	8	-38	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-38	-39	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-39	-40	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-40	-41	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-41	-42	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-42	-43	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
401	-43	33	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-18	36	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-17	-18	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-16	-17	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-15	-16	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-14	-15	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-13	-14	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-12	-13	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-11	-12	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00

Relazione di calcolo

402	-10	-11	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-9	-10	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-8	-9	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-7	-8	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	6	-7	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-31	6	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-30	-31	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-29	-30	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-28	-29	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-27	-28	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-26	-27	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-25	-26	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-24	-25	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-23	-24	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-22	-23	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-21	-22	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-20	-21	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-19	-20	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	7	-19	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-37	7	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-36	-37	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-35	-36	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-34	-35	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-33	-34	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	-32	-33	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
402	32	-32	4	30		0.00	11	0.00	0.00	0.00	0.00	1.00
405	5	-69	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-69	-70	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-70	-71	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-71	-72	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-72	-73	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-73	-74	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-74	-75	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-75	-76	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-76	-77	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-77	-78	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-78	-79	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-79	-80	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-80	-81	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-81	-82	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-82	-83	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
405	-83	6	5	30		0.00	22	0.00	0.00	0.00	0.00	1.00
406	8	-84	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-84	-85	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-85	-86	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-86	-87	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-87	-88	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-88	-89	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-89	-90	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-90	-91	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-91	-92	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-92	-93	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-93	-94	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-94	-95	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-95	-96	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-96	-97	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-97	-98	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
406	-98	7	5	30		0.00	11	0.00	0.00	0.00	0.00	1.00
602	102	56	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-322	102	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-323	-322	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-324	-323	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-325	-324	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-326	-325	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-327	-326	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-328	-327	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	103	-328	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-451	103	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-452	-451	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-453	-452	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-454	-453	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-455	-454	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-456	-455	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-457	-456	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	106	-457	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-467	106	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-468	-467	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-469	-468	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-470	-469	2	1		358.00	11	0.00	0.00	0.00	0.00	

Relazione di calcolo

602	-471	-470	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-472	-471	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	-473	-472	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	107	-473	2	1		358.00	11	0.00	0.00	0.00	0.00	
602	61	107	2	1		358.00	11	0.00	0.00	0.00	0.00	
603	101	54	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-344	101	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-345	-344	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-346	-345	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-347	-346	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-348	-347	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-349	-348	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	-350	-349	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	102	-350	3	1		0.00	11	0.00	0.00	0.00	0.00	
603	47	102	3	1		0.00	11	0.00	0.00	0.00	0.00	
604	104	52	3	1		0.00	33	0.00	0.00	0.00	0.00	
604	103	104	3	1		0.00	33	0.00	0.00	0.00	0.00	
604	-4	103	3	1		0.00	33	0.00	0.00	0.00	0.00	
605	49	105	3	1		0.00	22	0.00	0.00	0.00	0.00	
605	105	106	3	1		0.00	22	0.00	0.00	0.00	0.00	
605	106	-3	3	1		0.00	22	0.00	0.00	0.00	0.00	
606	51	108	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	108	-429	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-429	-428	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-428	-427	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-427	-426	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-426	-425	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-425	-424	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-424	-423	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	-423	107	3	1		0.00	11	0.00	0.00	0.00	0.00	
606	107	-2	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	109	53	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-416	109	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-417	-416	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-418	-417	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-419	-418	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-420	-419	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-421	-420	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-422	-421	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	110	-422	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-489	110	3	1		0.00	11	0.00	0.00	0.00	0.00	
607	-5	-489	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	50	112	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	112	-443	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-443	-442	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-442	-441	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-441	-440	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-440	-439	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-439	-438	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-438	-437	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-437	111	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	111	-495	3	1		0.00	11	0.00	0.00	0.00	0.00	
608	-495	48	3	1		0.00	11	0.00	0.00	0.00	0.00	
609	57	101	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	101	-364	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-364	-363	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-363	-362	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-362	-361	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-361	-360	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-360	-359	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-359	-358	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-358	104	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	104	-380	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-380	-379	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-379	-378	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-378	-377	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-377	-376	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-376	-375	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-375	-374	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-374	-373	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-373	105	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	105	-396	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-396	-395	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-395	-394	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-394	-393	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-393	-392	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-392	-391	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-391	-390	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	-390	-389	2	1		2.00	11	0.00	0.00	0.00	0.00	

Relazione di calcolo

609	-389	108	2	1		2.00	11	0.00	0.00	0.00	0.00	
609	108	60	2	1		2.00	11	0.00	0.00	0.00	0.00	
610	110	113	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	-490	110	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	-491	-490	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	-492	-491	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	-493	-492	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	-494	-493	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	111	-494	2	1		358.00	11	0.00	0.00	0.00	0.00	
610	66	111	2	1		358.00	11	0.00	0.00	0.00	0.00	
613	114	109	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	109	-408	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-408	-407	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-407	-406	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-406	-405	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-405	-404	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-404	-403	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	-403	112	2	1		2.00	11	0.00	0.00	0.00	0.00	
613	112	65	2	1		2.00	11	0.00	0.00	0.00	0.00	

Elenco tipi elementi bidimensionali

Simbologia	
Ang. att.	=Angolo di attrito
Ang. dil.	=Angolo di dilatanza
Coes.	=Coesione
Comm.	=Commento
Crit.	=Numero del criterio di progetto
DP	=Drucker-Prager
Kt	=Coeff. di sottofondo su suolo elastico alla Winkler
Mat.	=Numero del materiale
Spess.	=Spessore
Tb	=Numero del tipo muro/elemento bidimensionale
Tipo	=Tipologia
	F = Membranale e Flessionale
	M = Membranale
	W-RC = Winkler resistente solo a compressione
	W-RTC = Winkler resistente a trazione e a compressione
Uso	=Utilizzo
	S = Soletta/Platea

Tb	Comm.	Tipo	Uso	Spess. <cm>	Kt <daN/cmc>	DP	Ang. att. <grad>	Coes. <daN/mq>	Ang. dil. <grad>	Crit.	Mat.
1	platea	W-RTC	S	30.00	1.00	N	0.00	0.00	0.00	1	5
2	Soletta	F	S	20.00		N	0.00	0.00	0.00	1	8

Elenco elementi bidimensionali

Simbologia	
Bid.	=Numero del muro/elemento bidimensionale
Dy1	=Scost. filo fisso Y1
Dy2	=Scost. filo fisso Y2
FF	=Filo fisso
Kt	=Coeff. di sottofondo su suolo elastico alla Winkler
NN	=Nodi
Tb	=Numero del tipo muro/elemento bidimensionale

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN	Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN
105	2	11	0.00	0.00		-507 113 110 -489	105	2	11	0.00	0.00		-495 111 66 -506
105	2	11	0.00	0.00		-505 -494 111 -495	105	2	11	0.00	0.00		-496 -505 -495 48
105	2	11	0.00	0.00		-504 -493 -494 -505	105	2	11	0.00	0.00		-497 -504 -505 -496
105	2	11	0.00	0.00		-503 -492 -493 -504	105	2	11	0.00	0.00		-498 -503 -504 -497
105	2	11	0.00	0.00		-502 -491 -492 -503	105	2	11	0.00	0.00		-499 -502 -503 -498
105	2	11	0.00	0.00		-501 -490 -491 -502	105	2	11	0.00	0.00		-500 -501 -502 -499
105	2	11	0.00	0.00		-489 110 -490 -501	105	2	11	0.00	0.00		-412 -413 -418 -419
105	2	11	0.00	0.00		-411 -412 -419 -420	105	2	11	0.00	0.00		-410 -411 -420 -421
105	2	11	0.00	0.00		-409 -410 -421 -422	105	2	11	0.00	0.00		-443 112 65 -444
105	2	11	0.00	0.00		-442 -443 -444 -445	105	2	11	0.00	0.00		48 -495 -506 64
105	2	11	0.00	0.00		-415 114 109 -416	105	2	11	0.00	0.00		-414 -415 -416 -417
105	2	11	0.00	0.00		-413 -414 -417 -418	105	2	11	0.00	0.00		109 53 -397 -408
105	2	11	0.00	0.00		114 62 53 109	105	2	11	0.00	0.00		-437 -438 -449 -450
105	2	11	0.00	0.00		-5 -489 -501 -500	105	2	11	0.00	0.00		-403 -402 50 112

Relazione di calcolo

105	2	11	0.00	0.00		-404 -401 -402 -403	105	2	11	0.00	0.00		-441 -442 -445 -446
105	2	11	0.00	0.00		-440 -441 -446 -447	105	2	11	0.00	0.00		-439 -440 -447 -448
105	2	11	0.00	0.00		-438 -439 -448 -449	105	2	11	0.00	0.00		-406 -399 -400 -405
105	2	11	0.00	0.00		-405 -400 -401 -404	105	2	11	0.00	0.00		-6 -507 -489 -5
105	2	11	0.00	0.00		113 -409 -422 110	105	2	11	0.00	0.00		111 -437 -450 66
105	2	11	0.00	0.00		112 50 63 65	105	2	11	0.00	0.00		-408 -397 -398 -407
105	2	11	0.00	0.00		-407 -398 -399 -406	106	2	11	0.00	0.00		-476 -472 -473 -475
106	2	11	0.00	0.00		-481 -467 -468 -480	106	2	11	0.00	0.00		-477 -471 -472 -476
106	2	11	0.00	0.00		-478 -470 -471 -477	106	2	11	0.00	0.00		-429 108 60 -430
106	2	11	0.00	0.00		-428 -429 -430 -431	106	2	11	0.00	0.00		-427 -428 -431 -432
106	2	11	0.00	0.00		-424 -425 -434 -435	106	2	11	0.00	0.00		-3 106 -467 -481
106	2	11	0.00	0.00		-4 103 -451 -465	106	2	11	0.00	0.00		-479 -469 -470 -478
106	2	11	0.00	0.00		-480 -468 -469 -479	106	2	11	0.00	0.00		-389 -388 51 108
106	2	11	0.00	0.00		-390 -387 -388 -389	106	2	11	0.00	0.00		-391 -386 -387 -390
106	2	11	0.00	0.00		-426 -427 -432 -433	106	2	11	0.00	0.00		-425 -426 -433 -434
106	2	11	0.00	0.00		-394 -383 -384 -393	106	2	11	0.00	0.00		-395 -382 -383 -394
106	2	11	0.00	0.00		-396 -381 -382 -395	106	2	11	0.00	0.00		-465 -451 -452 -464
106	2	11	0.00	0.00		-463 -453 -454 -462	106	2	11	0.00	0.00		-464 -452 -453 -463
106	2	11	0.00	0.00		-462 -454 -455 -461	106	2	11	0.00	0.00		-461 -455 -456 -460
106	2	11	0.00	0.00		-392 -385 -386 -391	106	2	11	0.00	0.00		-393 -384 -385 -392
106	2	11	0.00	0.00		-380 -365 -366 -379	106	2	11	0.00	0.00		-358 -357 52 104
106	2	11	0.00	0.00		-359 -356 -357 -358	106	2	11	0.00	0.00		-360 -355 -356 -359
106	2	11	0.00	0.00		-361 -354 -355 -360	106	2	11	0.00	0.00		-362 -353 -354 -361
106	2	11	0.00	0.00		-363 -352 -353 -362	106	2	11	0.00	0.00		-364 -351 -352 -363
106	2	11	0.00	0.00		-343 57 101 -344	106	2	11	0.00	0.00		-342 -343 -344 -345
106	2	11	0.00	0.00		-341 -342 -345 -346	106	2	11	0.00	0.00		-340 -341 -346 -347
106	2	11	0.00	0.00		-339 -340 -347 -348	106	2	11	0.00	0.00		-373 -372 49 105
106	2	11	0.00	0.00		-374 -371 -372 -373	106	2	11	0.00	0.00		-375 -370 -371 -374
106	2	11	0.00	0.00		-376 -369 -370 -375	106	2	11	0.00	0.00		-377 -368 -369 -376
106	2	11	0.00	0.00		-460 -456 -457 -459	106	2	11	0.00	0.00		-379 -366 -367 -378
106	2	11	0.00	0.00		-336 -322 -323 -335	106	2	11	0.00	0.00		-334 -324 -325 -333
106	2	11	0.00	0.00		-335 -323 -324 -334	106	2	11	0.00	0.00		107 -423 -436 61
106	2	11	0.00	0.00		108 51 59 60	106	2	11	0.00	0.00		105 49 -381 -396
106	2	11	0.00	0.00		104 52 -365 -380	106	2	11	0.00	0.00		101 54 -351 -364
106	2	11	0.00	0.00		-330 -328 103 -4	106	2	11	0.00	0.00		57 55 54 101
106	2	11	0.00	0.00		56 -337 -350 102	106	2	11	0.00	0.00		58 56 102 47
106	2	11	0.00	0.00		-459 -457 106 -3	106	2	11	0.00	0.00		-423 -424 -435 -436
106	2	11	0.00	0.00		-338 -339 -348 -349	106	2	11	0.00	0.00		-337 -338 -349 -350
106	2	11	0.00	0.00		-333 -325 -326 -332	106	2	11	0.00	0.00		-332 -326 -327 -331
106	2	11	0.00	0.00		-378 -367 -368 -377	106	2	11	0.00	0.00		-331 -327 -328 -330
106	2	11	0.00	0.00		47 102 -322 -336	106	2	11	0.00	0.00		-475 -473 107 -2
106	2	11	0.00	0.00		-2 107 61 -1	403	1	11	0.00	0.00	1.00	-312 -234 -233 -311
403	1	11	0.00	0.00	1.00	-218 -300 -301 -219	403	1	11	0.00	0.00	1.00	-281 24 46 -294
403	1	11	0.00	0.00	1.00	-282 -281 -294 -295	403	1	11	0.00	0.00	1.00	-283 -282 -295 -296
403	1	11	0.00	0.00	1.00	-284 -283 -296 -297	403	1	11	0.00	0.00	1.00	-285 -284 -297 -298
403	1	11	0.00	0.00	1.00	-286 -285 -298 -299	403	1	11	0.00	0.00	1.00	-293 -280 24 -281
403	1	11	0.00	0.00	1.00	-292 -293 -281 -282	403	1	11	0.00	0.00	1.00	-313 -235 -234 -312
403	1	11	0.00	0.00	1.00	-314 -236 -235 -313	403	1	11	0.00	0.00	1.00	-315 -237 -236 -314
403	1	11	0.00	0.00	1.00	-308 -287 25 30	403	1	11	0.00	0.00	1.00	-280 -307 26 24
403	1	11	0.00	0.00	1.00	-224 -306 29 11	403	1	11	0.00	0.00	1.00	-223 -305 -306 -224
403	1	11	0.00	0.00	1.00	-222 -304 -305 -223	403	1	11	0.00	0.00	1.00	-221 -303 -304 -222
403	1	11	0.00	0.00	1.00	-220 -302 -303 -221	403	1	11	0.00	0.00	1.00	-219 -301 -302 -220
403	1	11	0.00	0.00	1.00	-321 14 12 -217	403	1	11	0.00	0.00	1.00	-320 -321 -217 -216

Relazione di calcolo

403	1	11	0.00	0.00	1.00	-319	-320	-216	-215	403	1	11	0.00	0.00	1.00	-318	-319	-215	-214
403	1	11	0.00	0.00	1.00	-317	-318	-214	-213	403	1	11	0.00	0.00	1.00	-316	-317	-213	-212
403	1	11	0.00	0.00	1.00	-309	-231	10	32	403	1	11	0.00	0.00	1.00	-310	-232	-231	-309
403	1	11	0.00	0.00	1.00	-311	-233	-232	-310	403	1	11	0.00	0.00	1.00	-271	-272	-278	-277
403	1	11	0.00	0.00	1.00	-270	-271	-277	-276	403	1	11	0.00	0.00	1.00	-269	-270	-276	-275
403	1	11	0.00	0.00	1.00	-268	-269	-275	-274	403	1	11	0.00	0.00	1.00	-232	-268	-274	-231
403	1	11	0.00	0.00	1.00	-267	-222	-223	-273	403	1	11	0.00	0.00	1.00	-266	-267	-273	-272
403	1	11	0.00	0.00	1.00	-265	-266	-272	-271	403	1	11	0.00	0.00	1.00	-264	-265	-271	-270
403	1	11	0.00	0.00	1.00	-263	-264	-270	-269	403	1	11	0.00	0.00	1.00	-262	-263	-269	-268
403	1	11	0.00	0.00	1.00	-233	-262	-268	-232	403	1	11	0.00	0.00	1.00	-261	-221	-222	-267
403	1	11	0.00	0.00	1.00	-260	-261	-267	-266	403	1	11	0.00	0.00	1.00	-259	-260	-266	-265
403	1	11	0.00	0.00	1.00	-258	-259	-265	-264	403	1	11	0.00	0.00	1.00	-257	-258	-264	-263
403	1	11	0.00	0.00	1.00	-256	-257	-263	-262	403	1	11	0.00	0.00	1.00	-234	-256	-262	-233
403	1	11	0.00	0.00	1.00	-255	-220	-221	-261	403	1	11	0.00	0.00	1.00	-254	-255	-261	-260
403	1	11	0.00	0.00	1.00	-253	-254	-260	-259	403	1	11	0.00	0.00	1.00	-252	-253	-259	-258
403	1	11	0.00	0.00	1.00	-251	-252	-258	-257	403	1	11	0.00	0.00	1.00	-250	-251	-257	-256
403	1	11	0.00	0.00	1.00	-235	-250	-256	-234	403	1	11	0.00	0.00	1.00	-249	-219	-220	-255
403	1	11	0.00	0.00	1.00	-248	-249	-255	-254	403	1	11	0.00	0.00	1.00	-247	-248	-254	-253
403	1	11	0.00	0.00	1.00	-246	-247	-253	-252	403	1	11	0.00	0.00	1.00	-245	-246	-252	-251
403	1	11	0.00	0.00	1.00	-244	-245	-251	-250	403	1	11	0.00	0.00	1.00	-236	-244	-250	-235
403	1	11	0.00	0.00	1.00	-243	-218	-219	-249	403	1	11	0.00	0.00	1.00	-242	-243	-249	-248
403	1	11	0.00	0.00	1.00	-241	-242	-248	-247	403	1	11	0.00	0.00	1.00	-240	-241	-247	-246
403	1	11	0.00	0.00	1.00	-239	-240	-246	-245	403	1	11	0.00	0.00	1.00	-238	-239	-245	-244
403	1	11	0.00	0.00	1.00	-237	-238	-244	-236	403	1	11	0.00	0.00	1.00	-217	12	-218	-243
403	1	11	0.00	0.00	1.00	-216	-217	-243	-242	403	1	11	0.00	0.00	1.00	-215	-216	-242	-241
403	1	11	0.00	0.00	1.00	-214	-215	-241	-240	403	1	11	0.00	0.00	1.00	-213	-214	-240	-239
403	1	11	0.00	0.00	1.00	33	9	-237	-315	403	1	11	0.00	0.00	1.00	11	29	-307	-280
403	1	11	0.00	0.00	1.00	24	26	44	46	403	1	11	0.00	0.00	1.00	32	10	-287	-308
403	1	11	0.00	0.00	1.00	30	25	45	43	403	1	11	0.00	0.00	1.00	25	-286	-299	45
403	1	11	0.00	0.00	1.00	10	-230	-288	-287	403	1	11	0.00	0.00	1.00	-230	-229	-289	-288
403	1	11	0.00	0.00	1.00	-279	-224	11	-225	403	1	11	0.00	0.00	1.00	-278	-279	-225	-226
403	1	11	0.00	0.00	1.00	-277	-278	-226	-227	403	1	11	0.00	0.00	1.00	-276	-277	-227	-228
403	1	11	0.00	0.00	1.00	-275	-276	-228	-229	403	1	11	0.00	0.00	1.00	-274	-275	-229	-230
403	1	11	0.00	0.00	1.00	-212	-213	-239	-238	403	1	11	0.00	0.00	1.00	-273	-223	-224	-279
403	1	11	0.00	0.00	1.00	-272	-273	-279	-278	403	1	11	0.00	0.00	1.00	-291	-292	-282	-283
403	1	11	0.00	0.00	1.00	-290	-291	-283	-284	403	1	11	0.00	0.00	1.00	-289	-290	-284	-285
403	1	11	0.00	0.00	1.00	-288	-289	-285	-286	403	1	11	0.00	0.00	1.00	-287	-288	-286	25
403	1	11	0.00	0.00	1.00	-225	11	-280	-293	403	1	11	0.00	0.00	1.00	-226	-225	-293	-292
403	1	11	0.00	0.00	1.00	-227	-226	-292	-291	403	1	11	0.00	0.00	1.00	-228	-227	-291	-290
403	1	11	0.00	0.00	1.00	-229	-228	-290	-289	403	1	11	0.00	0.00	1.00	14	27	28	12
403	1	11	0.00	0.00	1.00	15	-316	-212	9	403	1	11	0.00	0.00	1.00	31	15	9	33
403	1	11	0.00	0.00	1.00	12	28	-300	-218	403	1	11	0.00	0.00	1.00	9	-212	-238	-237
403	1	11	0.00	0.00	1.00	-231	-274	-230	10	404	1	11	0.00	0.00	1.00	-195	-194	-201	-202
404	1	11	0.00	0.00	1.00	-196	-195	-202	-203	404	1	11	0.00	0.00	1.00	-197	-196	-203	-204
404	1	11	0.00	0.00	1.00	-116	-115	-193	-194	404	1	11	0.00	0.00	1.00	-114	-113	-191	-192
404	1	11	0.00	0.00	1.00	-192	-191	-198	-199	404	1	11	0.00	0.00	1.00	-191	37	42	-198
404	1	11	0.00	0.00	1.00	-194	-193	-200	-201	404	1	11	0.00	0.00	1.00	-112	-211	36	3
404	1	11	0.00	0.00	1.00	-111	-210	-211	-112	404	1	11	0.00	0.00	1.00	-110	-209	-210	-111
404	1	11	0.00	0.00	1.00	-109	-208	-209	-110	404	1	11	0.00	0.00	1.00	-108	-207	-208	-109
404	1	11	0.00	0.00	1.00	-107	-206	-207	-108	404	1	11	0.00	0.00	1.00	-106	-205	-206	-107
404	1	11	0.00	0.00	1.00	-164	-165	-172	-171	404	1	11	0.00	0.00	1.00	-193	-192	-199	-200
404	1	11	0.00	0.00	1.00	-162	-163	-170	-169	404	1	11	0.00	0.00	1.00	-121	-162	-169	-120
404	1	11	0.00	0.00	1.00	-161	-110	-111	-168	404	1	11	0.00	0.00	1.00	-160	-161	-168	-167

Relazione di calcolo

404	1	11	0.00	0.00	1.00	-159	-160	-167	-166	404	1	11	0.00	0.00	1.00	-158	-159	-166	-165
404	1	11	0.00	0.00	1.00	-157	-158	-165	-164	404	1	11	0.00	0.00	1.00	-156	-157	-164	-163
404	1	11	0.00	0.00	1.00	-155	-156	-163	-162	404	1	11	0.00	0.00	1.00	-163	-164	-171	-170
404	1	11	0.00	0.00	1.00	-154	-109	-110	-161	404	1	11	0.00	0.00	1.00	-153	-154	-161	-160
404	1	11	0.00	0.00	1.00	-152	-153	-160	-159	404	1	11	0.00	0.00	1.00	-151	-152	-159	-158
404	1	11	0.00	0.00	1.00	-150	-151	-158	-157	404	1	11	0.00	0.00	1.00	-149	-150	-157	-156
404	1	11	0.00	0.00	1.00	-148	-149	-156	-155	404	1	11	0.00	0.00	1.00	-123	-148	-155	-122
404	1	11	0.00	0.00	1.00	-147	-108	-109	-154	404	1	11	0.00	0.00	1.00	-146	-147	-154	-153
404	1	11	0.00	0.00	1.00	-145	-146	-153	-152	404	1	11	0.00	0.00	1.00	-144	-145	-152	-151
404	1	11	0.00	0.00	1.00	-143	-144	-151	-150	404	1	11	0.00	0.00	1.00	-142	-143	-150	-149
404	1	11	0.00	0.00	1.00	-141	-142	-149	-148	404	1	11	0.00	0.00	1.00	-124	-141	-148	-123
404	1	11	0.00	0.00	1.00	-140	-107	-108	-147	404	1	11	0.00	0.00	1.00	-139	-140	-147	-146
404	1	11	0.00	0.00	1.00	-138	-139	-146	-145	404	1	11	0.00	0.00	1.00	-137	-138	-145	-144
404	1	11	0.00	0.00	1.00	-136	-137	-144	-143	404	1	11	0.00	0.00	1.00	-135	-136	-143	-142
404	1	11	0.00	0.00	1.00	-134	-135	-142	-141	404	1	11	0.00	0.00	1.00	-125	-134	-141	-124
404	1	11	0.00	0.00	1.00	-133	-106	-107	-140	404	1	11	0.00	0.00	1.00	-132	-133	-140	-139
404	1	11	0.00	0.00	1.00	-131	-132	-139	-138	404	1	11	0.00	0.00	1.00	-130	-131	-138	-137
404	1	11	0.00	0.00	1.00	-129	-130	-137	-136	404	1	11	0.00	0.00	1.00	-128	-129	-136	-135
404	1	11	0.00	0.00	1.00	-127	-128	-135	-134	404	1	11	0.00	0.00	1.00	-126	-127	-134	-125
404	1	11	0.00	0.00	1.00	-105	4	-106	-133	404	1	11	0.00	0.00	1.00	-104	-105	-133	-132
404	1	11	0.00	0.00	1.00	-103	-104	-132	-131	404	1	11	0.00	0.00	1.00	-102	-103	-131	-130
404	1	11	0.00	0.00	1.00	-101	-102	-130	-129	404	1	11	0.00	0.00	1.00	-100	-101	-129	-128
404	1	11	0.00	0.00	1.00	-99	-100	-128	-127	404	1	11	0.00	0.00	1.00	-115	-114	-192	-193
404	1	11	0.00	0.00	1.00	-117	-116	-194	-195	404	1	11	0.00	0.00	1.00	-118	-117	-195	-196
404	1	11	0.00	0.00	1.00	2	-119	-197	13	404	1	11	0.00	0.00	1.00	-119	-118	-196	-197
404	1	11	0.00	0.00	1.00	-183	-120	2	22	404	1	11	0.00	0.00	1.00	-184	-121	-120	-183
404	1	11	0.00	0.00	1.00	-185	-122	-121	-184	404	1	11	0.00	0.00	1.00	-186	-123	-122	-185
404	1	11	0.00	0.00	1.00	-187	-124	-123	-186	404	1	11	0.00	0.00	1.00	-188	-125	-124	-187
404	1	11	0.00	0.00	1.00	-189	-126	-125	-188	404	1	11	0.00	0.00	1.00	-182	18	4	-105
404	1	11	0.00	0.00	1.00	-181	-182	-105	-104	404	1	11	0.00	0.00	1.00	-180	-181	-104	-103
404	1	11	0.00	0.00	1.00	-179	-180	-103	-102	404	1	11	0.00	0.00	1.00	-178	-179	-102	-101
404	1	11	0.00	0.00	1.00	-177	-178	-101	-100	404	1	11	0.00	0.00	1.00	-176	-177	-100	-99
404	1	11	0.00	0.00	1.00	-175	-112	3	-113	404	1	11	0.00	0.00	1.00	-174	-175	-113	-114
404	1	11	0.00	0.00	1.00	-173	-174	-114	-115	404	1	11	0.00	0.00	1.00	-172	-173	-115	-116
404	1	11	0.00	0.00	1.00	-171	-172	-116	-117	404	1	11	0.00	0.00	1.00	-170	-171	-117	-118
404	1	11	0.00	0.00	1.00	-169	-170	-118	-119	404	1	11	0.00	0.00	1.00	-120	-169	-119	2
404	1	11	0.00	0.00	1.00	-168	-111	-112	-175	404	1	11	0.00	0.00	1.00	-167	-168	-175	-174
404	1	11	0.00	0.00	1.00	-166	-167	-174	-173	404	1	11	0.00	0.00	1.00	-165	-166	-173	-172
404	1	11	0.00	0.00	1.00	19	-176	-99	1	404	1	11	0.00	0.00	1.00	18	34	35	4
404	1	11	0.00	0.00	1.00	20	19	1	23	404	1	11	0.00	0.00	1.00	4	35	-205	-106
404	1	11	0.00	0.00	1.00	23	1	-126	-189	404	1	11	0.00	0.00	1.00	37	38	40	42
404	1	11	0.00	0.00	1.00	21	13	41	39	404	1	11	0.00	0.00	1.00	3	36	38	37
404	1	11	0.00	0.00	1.00	22	2	13	21	404	1	11	0.00	0.00	1.00	13	-197	-204	41
404	1	11	0.00	0.00	1.00	-113	3	37	-191	404	1	11	0.00	0.00	1.00	-122	-155	-162	-121
404	1	11	0.00	0.00	1.00	1	-99	-127	-126										

Elenco tipi solai

Simbologia

Comm. = Commento
 Lf1 = Larghezza fascia laterale
 QA = Primo carico accidentale
 QA2 = Secondo carico accidentale
 QA3 = Terzo carico accidentale
 Qpn = Carico permanente non strutturale
 Qps = Carico permanente strutturale
 Rc = Ripartizione carichi
 UN = Unidirezionale

Relazione di calcolo

Rip. int. =Ripartizione su aste interne
Rip. ter. =Ripartizione su aste terminali
Ts =Numero del tipo solaio
s =Coeff. di riduzione

Ts	Comm.	Rc	Qps <daN/mq>	Qpn <daN/mq>	QA <daN/mq>	QA2 <daN/mq>	QA3 <daN/mq>	Rip. ter.	Rip. int.	Lfl <m>	s
1	SOL COP	UN	258.00	50.00	50.00	80.00	0.00	50.00	50.00	0.00	0.33

Elenco solai

Simbologia
Nodi =Nodi del solaio
Ord. =Orditura
Sol. =Numero del solaio
Ts =Numero del tipo solaio

Sol.	Ts	Ord. <grad>	Nodi																	
100	1	90.00	110 -422 -421 -420 -419 -418 -417 -416 109 -408 -407 -406 -405 -404 -403 112 -443 -442 -441 -440 -439 -438 -437 111 -494 -493 -492 -491 -490																	
101	1	90.00	107 -423 -424 -425 -426 -427 -428 -429 108 -389 -390 -391 -392 -393 -394 -395 -396 105 106 -467 -468 -469 -470 -471 -472 -473																	
102	1	90.00	103 104 -380 -379 -378 -377 -376 -375 -374 -373 105 106 -457 -456 -455 -454 -453 -452 -451																	
103	1	90.00	102 -350 -349 -348 -347 -346 -345 -344 101 -364 -363 -362 -361 -360 -359 -358 104 103 -328 -327 -326 -325 -324 -323 -322																	

Carichi

Condizioni di carico elementari

Simbologia
CCE =Numero della condizione di carico elementare
Comm. =Commento
Dir. =Direzione del vento
Jpx =Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy =Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz =Moltiplicatore del momento d'inerzia intorno all'asse Z
Mx =Moltiplicatore della massa in dir. X
My =Moltiplicatore della massa in dir. Y
Mz =Moltiplicatore della massa in dir. Z
Sic. =Contributo alla sicurezza
S = a sfavore
Tipo =Tipologia di pressione vento
M = Massimizzata
E = Esterna
I = Interna
Tipo CCE =Tipo di CCE per calcolo agli stati limite
Var. =Tipo di variabilità
B = di base
s =Coeff. di riduzione (T.A. o S.L. D.M. 96)

CCE	Comm.	Tipo CCE	Sic.	Var.	s	Dir. <grad>	Tipo	Mx	My	Mz	Jpx	Jpy	Jpz
1	peso proprio	1	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
2	permanenti non strutturali	2	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
3	Carico accidentale Uffici	4	S	B	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
4	Accidentale copertura	10	S	B	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
5	Carico Neve	12	S	B	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00

Elenco carichi aste

Condizione di carico n. 1: peso proprio

Elenco peso proprio aste

Simbologia
A =Area
Comm. =Commento
Mat. =Materiale
P =Peso specifico
PL =Peso specifico a metro lineare
Sez. =Numero della sezione

Sez.	Comm.	A <cmq>	Mat.	P <daN/mc>	PL <daN/m>
1	PIL 25X25	625.000000	Calcestruzzo classe C32/40	2500.00	156.25
2	TR 50X20	1000.000000	Calcestruzzo classe C32/40	2500.00	250.00
3	TR 30X20	600.000000	Calcestruzzo classe C32/40	2500.00	150.00
4	Tr. Rovescia	3600.000000	Calcestruzzo classe C25/30	2500.00	900.00
5	Cordolo 30x30	900.000000	Calcestruzzo classe C25/30	2500.00	225.00

6	Pil. 25x50	1250.000000	Calcestruzzo classe C32/40	2500.00	312.50
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Condizione di carico n. 1: peso proprio

Carichi distribuiti

Simbologia

Asta = Numero dell'asta
 DC = Direzione del carico
 XG,YG,ZG = secondo gli assi globali
 XL,YL,ZL = secondo gli assi locali
 E = Elemento provenienza del carico
 S = Solaio
 T = Tamponatura
 N1 = Nodo iniziale
 N2 = Nodo finale
 NE = Numero elemento di provenienza del carico
 Qf = Carico finale
 Qi = Carico iniziale
 T = Tipo di carico
 QA = Primo carico accidentale
 QA2 = Secondo carico accidentale
 QA3 = Terzo carico accidentale
 QPS = Carico permanente strutturale
 QPN = Carico permanente non strutturale
 VE = Vento
 M = Manuale
 Xf = Distanza finale
 Xi = Distanza iniziale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-322	102	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-324	-323	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-326	-325	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-328	-327	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-451	103	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-453	-452	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-455	-454	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-457	-456	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-467	106	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	-469	-468	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	-471	-470	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	-473	-472	S	101	QPS	ZG	0.00	613.14	0.68	613.14
609	101	-364	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-363	-362	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-361	-360	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-359	-358	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	104	-380	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-379	-378	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-377	-376	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-375	-374	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-373	105	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-396	-395	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-394	-393	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-392	-391	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-390	-389	S	101	QPS	ZG	0.00	613.14	0.60	613.14
610	-490	110	S	100	QPS	ZG	0.00	613.14	0.61	613.14
610	-492	-491	S	100	QPS	ZG	0.00	613.14	0.61	613.14
610	-494	-493	S	100	QPS	ZG	0.00	613.14	0.61	613.14
613	109	-408	S	100	QPS	ZG	0.00	613.14	0.52	613.14
613	-407	-406	S	100	QPS	ZG	0.00	613.14	0.52	613.14
613	-405	-404	S	100	QPS	ZG	0.00	613.14	0.52	613.14
613	-403	112	S	100	QPS	ZG	0.00	613.14	0.52	613.14

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-323	-322	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-325	-324	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-327	-326	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	103	-328	S	103	QPS	ZG	0.00	613.14	0.57	613.14
602	-452	-451	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-454	-453	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-456	-455	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	106	-457	S	102	QPS	ZG	0.00	613.14	0.64	613.14
602	-468	-467	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	-470	-469	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	-472	-471	S	101	QPS	ZG	0.00	613.14	0.68	613.14
602	107	-473	S	101	QPS	ZG	0.00	613.14	0.68	613.14
609	-364	-363	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-362	-361	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-360	-359	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-358	104	S	103	QPS	ZG	0.00	613.14	0.57	613.14
609	-380	-379	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-378	-377	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-376	-375	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	-374	-373	S	102	QPS	ZG	0.00	613.14	0.57	613.14
609	105	-396	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-395	-394	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-393	-392	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-391	-390	S	101	QPS	ZG	0.00	613.14	0.60	613.14
609	-389	108	S	101	QPS	ZG	0.00	613.14	0.60	613.14
610	-491	-490	S	100	QPS	ZG	0.00	613.14	0.61	613.14
610	-493	-492	S	100	QPS	ZG	0.00	613.14	0.61	613.14
610	111	-494	S	100	QPS	ZG	0.00	613.14	0.61	613.14
613	-408	-407	S	100	QPS	ZG	0.00	613.14	0.52	613.14
613	-406	-405	S	100	QPS	ZG	0.00	613.14	0.52	613.14
613	-404	-403	S	100	QPS	ZG	0.00	613.14	0.52	613.14

Condizione di carico n. 2: permanenti non strutturali**Carichi distribuiti**

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-322	102	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-324	-323	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-326	-325	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-328	-327	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-451	103	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-453	-452	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-455	-454	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-457	-456	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-467	106	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	-469	-468	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	-471	-470	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	-473	-472	S	101	QPN	ZG	0.00	118.83	0.68	118.83
609	101	-364	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-363	-362	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-361	-360	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-359	-358	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	104	-380	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-379	-378	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-377	-376	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-375	-374	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-373	105	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-396	-395	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-394	-393	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-392	-391	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-390	-389	S	101	QPN	ZG	0.00	118.83	0.60	118.83
610	-490	110	S	100	QPN	ZG	0.00	118.83	0.61	118.83
610	-492	-491	S	100	QPN	ZG	0.00	118.83	0.61	118.83
610	-494	-493	S	100	QPN	ZG	0.00	118.83	0.61	118.83
613	109	-408	S	100	QPN	ZG	0.00	118.83	0.52	118.83
613	-407	-406	S	100	QPN	ZG	0.00	118.83	0.52	118.83
613	-405	-404	S	100	QPN	ZG	0.00	118.83	0.52	118.83
613	-403	112	S	100	QPN	ZG	0.00	118.83	0.52	118.83

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-323	-322	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-325	-324	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-327	-326	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	103	-328	S	103	QPN	ZG	0.00	118.83	0.57	118.83
602	-452	-451	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-454	-453	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-456	-455	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	106	-457	S	102	QPN	ZG	0.00	118.83	0.64	118.83
602	-468	-467	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	-470	-469	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	-472	-471	S	101	QPN	ZG	0.00	118.83	0.68	118.83
602	107	-473	S	101	QPN	ZG	0.00	118.83	0.68	118.83
609	-364	-363	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-362	-361	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-360	-359	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-358	104	S	103	QPN	ZG	0.00	118.83	0.57	118.83
609	-380	-379	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-378	-377	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-376	-375	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	-374	-373	S	102	QPN	ZG	0.00	118.83	0.57	118.83
609	105	-396	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-395	-394	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-393	-392	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-391	-390	S	101	QPN	ZG	0.00	118.83	0.60	118.83
609	-389	108	S	101	QPN	ZG	0.00	118.83	0.60	118.83
610	-491	-490	S	100	QPN	ZG	0.00	118.83	0.61	118.83
610	-493	-492	S	100	QPN	ZG	0.00	118.83	0.61	118.83
610	111	-494	S	100	QPN	ZG	0.00	118.83	0.61	118.83
613	-408	-407	S	100	QPN	ZG	0.00	118.83	0.52	118.83
613	-406	-405	S	100	QPN	ZG	0.00	118.83	0.52	118.83
613	-404	-403	S	100	QPN	ZG	0.00	118.83	0.52	118.83

Condizione di carico n. 4: Accidentale copertura**Carichi distribuiti**

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-322	102	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-324	-323	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-326	-325	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-328	-327	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-451	103	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-453	-452	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-455	-454	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-457	-456	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-467	106	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	-469	-468	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	-471	-470	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	-473	-472	S	101	QA	ZG	0.00	118.75	0.68	118.75
609	101	-364	S	103	QA	ZG	0.00	118.75	0.57	118.75

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-323	-322	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-325	-324	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-327	-326	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	103	-328	S	103	QA	ZG	0.00	118.75	0.57	118.75
602	-452	-451	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-454	-453	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-456	-455	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	106	-457	S	102	QA	ZG	0.00	118.75	0.64	118.75
602	-468	-467	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	-470	-469	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	-472	-471	S	101	QA	ZG	0.00	118.75	0.68	118.75
602	107	-473	S	101	QA	ZG	0.00	118.75	0.68	118.75
609	-364	-363	S	103	QA	ZG	0.00	118.75	0.57	118.75

Relazione di calcolo

609	-363	-362	S	103	QA	ZG	0.00	118.75	0.57	118.75	609	-362	-361	S	103	QA	ZG	0.00	118.75	0.57	118.75
609	-361	-360	S	103	QA	ZG	0.00	118.75	0.57	118.75	609	-360	-359	S	103	QA	ZG	0.00	118.75	0.57	118.75
609	-359	-358	S	103	QA	ZG	0.00	118.75	0.57	118.75	609	-358	104	S	103	QA	ZG	0.00	118.75	0.57	118.75
609	104	-380	S	102	QA	ZG	0.00	118.75	0.57	118.75	609	-380	-379	S	102	QA	ZG	0.00	118.75	0.57	118.75
609	-379	-378	S	102	QA	ZG	0.00	118.75	0.57	118.75	609	-378	-377	S	102	QA	ZG	0.00	118.75	0.57	118.75
609	-377	-376	S	102	QA	ZG	0.00	118.75	0.57	118.75	609	-376	-375	S	102	QA	ZG	0.00	118.75	0.57	118.75
609	-375	-374	S	102	QA	ZG	0.00	118.75	0.57	118.75	609	-374	-373	S	102	QA	ZG	0.00	118.75	0.57	118.75
609	-373	105	S	102	QA	ZG	0.00	118.75	0.57	118.75	609	105	-396	S	101	QA	ZG	0.00	118.75	0.60	118.75
609	-396	-395	S	101	QA	ZG	0.00	118.75	0.60	118.75	609	-395	-394	S	101	QA	ZG	0.00	118.75	0.60	118.75
609	-394	-393	S	101	QA	ZG	0.00	118.75	0.60	118.75	609	-393	-392	S	101	QA	ZG	0.00	118.75	0.60	118.75
609	-392	-391	S	101	QA	ZG	0.00	118.75	0.60	118.75	609	-391	-390	S	101	QA	ZG	0.00	118.75	0.60	118.75
609	-390	-389	S	101	QA	ZG	0.00	118.75	0.60	118.75	609	-389	108	S	101	QA	ZG	0.00	118.75	0.60	118.75
610	-490	110	S	100	QA	ZG	0.00	118.75	0.61	118.75	610	-491	-490	S	100	QA	ZG	0.00	118.75	0.61	118.75
610	-492	-491	S	100	QA	ZG	0.00	118.75	0.61	118.75	610	-493	-492	S	100	QA	ZG	0.00	118.75	0.61	118.75
610	-494	-493	S	100	QA	ZG	0.00	118.75	0.61	118.75	610	111	-494	S	100	QA	ZG	0.00	118.75	0.61	118.75
613	109	-408	S	100	QA	ZG	0.00	118.75	0.52	118.75	613	-408	-407	S	100	QA	ZG	0.00	118.75	0.52	118.75
613	-407	-406	S	100	QA	ZG	0.00	118.75	0.52	118.75	613	-406	-405	S	100	QA	ZG	0.00	118.75	0.52	118.75
613	-405	-404	S	100	QA	ZG	0.00	118.75	0.52	118.75	613	-404	-403	S	100	QA	ZG	0.00	118.75	0.52	118.75
613	-403	112	S	100	QA	ZG	0.00	118.75	0.52	118.75											

Condizione di carico n. 5: Carico Neve Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
602	-322	102	S	103	QA2	ZG	0.00	190.00	0.57	190.00	602	-323	-322	S	103	QA2	ZG	0.00	190.00	0.57	190.00
602	-324	-323	S	103	QA2	ZG	0.00	190.00	0.57	190.00	602	-325	-324	S	103	QA2	ZG	0.00	190.00	0.57	190.00
602	-326	-325	S	103	QA2	ZG	0.00	190.00	0.57	190.00	602	-327	-326	S	103	QA2	ZG	0.00	190.00	0.57	190.00
602	-328	-327	S	103	QA2	ZG	0.00	190.00	0.57	190.00	602	103	-328	S	103	QA2	ZG	0.00	190.00	0.57	190.00
602	-451	103	S	102	QA2	ZG	0.00	190.00	0.64	190.00	602	-452	-451	S	102	QA2	ZG	0.00	190.00	0.64	190.00
602	-453	-452	S	102	QA2	ZG	0.00	190.00	0.64	190.00	602	-454	-453	S	102	QA2	ZG	0.00	190.00	0.64	190.00
602	-455	-454	S	102	QA2	ZG	0.00	190.00	0.64	190.00	602	-456	-455	S	102	QA2	ZG	0.00	190.00	0.64	190.00
602	-457	-456	S	102	QA2	ZG	0.00	190.00	0.64	190.00	602	106	-457	S	102	QA2	ZG	0.00	190.00	0.64	190.00
602	-467	106	S	101	QA2	ZG	0.00	190.00	0.68	190.00	602	-468	-467	S	101	QA2	ZG	0.00	190.00	0.68	190.00
602	-469	-468	S	101	QA2	ZG	0.00	190.00	0.68	190.00	602	-470	-469	S	101	QA2	ZG	0.00	190.00	0.68	190.00
602	-471	-470	S	101	QA2	ZG	0.00	190.00	0.68	190.00	602	-472	-471	S	101	QA2	ZG	0.00	190.00	0.68	190.00
602	-473	-472	S	101	QA2	ZG	0.00	190.00	0.68	190.00	602	107	-473	S	101	QA2	ZG	0.00	190.00	0.68	190.00
609	101	-364	S	103	QA2	ZG	0.00	190.00	0.57	190.00	609	-364	-363	S	103	QA2	ZG	0.00	190.00	0.57	190.00
609	-363	-362	S	103	QA2	ZG	0.00	190.00	0.57	190.00	609	-362	-361	S	103	QA2	ZG	0.00	190.00	0.57	190.00
609	-361	-360	S	103	QA2	ZG	0.00	190.00	0.57	190.00	609	-360	-359	S	103	QA2	ZG	0.00	190.00	0.57	190.00
609	-359	-358	S	103	QA2	ZG	0.00	190.00	0.57	190.00	609	-358	104	S	103	QA2	ZG	0.00	190.00	0.57	190.00
609	104	-380	S	102	QA2	ZG	0.00	190.00	0.57	190.00	609	-380	-379	S	102	QA2	ZG	0.00	190.00	0.57	190.00
609	-379	-378	S	102	QA2	ZG	0.00	190.00	0.57	190.00	609	-378	-377	S	102	QA2	ZG	0.00	190.00	0.57	190.00
609	-377	-376	S	102	QA2	ZG	0.00	190.00	0.57	190.00	609	-376	-375	S	102	QA2	ZG	0.00	190.00	0.57	190.00
609	-375	-374	S	102	QA2	ZG	0.00	190.00	0.57	190.00	609	-374	-373	S	102	QA2	ZG	0.00	190.00	0.57	190.00
609	-373	105	S	102	QA2	ZG	0.00	190.00	0.57	190.00	609	105	-396	S	101	QA2	ZG	0.00	190.00	0.60	190.00
609	-396	-395	S	101	QA2	ZG	0.00	190.00	0.60	190.00	609	-395	-394	S	101	QA2	ZG	0.00	190.00	0.60	190.00
609	-394	-393	S	101	QA2	ZG	0.00	190.00	0.60	190.00	609	-393	-392	S	101	QA2	ZG	0.00	190.00	0.60	190.00
609	-392	-391	S	101	QA2	ZG	0.00	190.00	0.60	190.00	609	-391	-390	S	101	QA2	ZG	0.00	190.00	0.60	190.00
609	-390	-389	S	101	QA2	ZG	0.00	190.00	0.60	190.00	609	-389	108	S	101	QA2	ZG	0.00	190.00	0.60	190.00
610	-490	110	S	100	QA2	ZG	0.00	190.00	0.61	190.00	610	-491	-490	S	100	QA2	ZG	0.00	190.00	0.61	190.00
610	-492	-491	S	100	QA2	ZG	0.00	190.00	0.61	190.00	610	-493	-492	S	100	QA2	ZG	0.00	190.00	0.61	190.00
610	-494	-493	S	100	QA2	ZG	0.00	190.00	0.61	190.00	610	111	-494	S	100	QA2	ZG	0.00	190.00	0.61	190.00
613	109	-408	S	100	QA2	ZG	0.00	190.00	0.52	190.00	613	-408	-407	S	100	QA2	ZG	0.00	190.00	0.52	190.00
613	-407	-406	S	100	QA2	ZG	0.00	190.00	0.52	190.00	613	-406	-405	S	100	QA2	ZG	0.00	190.00	0.52	190.00

Relazione di calcolo

613	-405	-404	S	100	QA2	ZG	0.00	190.00	0.52	190.00	613	-404	-403	S	100	QA2	ZG	0.00	190.00	0.52	190.00
613	-403	112	S	100	QA2	ZG	0.00	190.00	0.52	190.00											

Elenco carichi elementi bidimensionali

Elenco peso proprio elementi bidimensionali

Simbologia

Comm. = Commento
 Mat. = Materiale
 P = Peso specifico
 PQ = Peso specifico per unità di superficie
 Spess. = Spessore
 Tb = Numero del tipo muro/elemento bidimensionale

Tb	Comm.	Spess. <cm>	Mat.	P <daN/mc>	PQ <daN/mq>
1	platea	30.00	Calcestruzzo classe C25/30	2500.00	750.00
2	Soletta	20.00	Calcestruzzo classe C32/40	2500.00	500.00

Condizione di carico n. 2: permanenti non strutturali

Carichi uniformi

Simbologia

Bid. = Numero del muro/elemento bidimensionale
 DC = Direzione del carico
 G = secondo gli assi globali
 L = secondo gli assi locali
 N1 = Nodo1
 N2 = Nodo2
 N3 = Nodo3
 N4 = Nodo4
 Qx = Carico in dir. X
 Qy = Carico in dir. Y
 Qz = Carico in dir. Z
 T = Tipo di carico
 PP = Peso proprio
 M = Manuale

Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>
105	--	--	--	--	M	G	0.00	0.00	50.00	106	--	--	--	--	M	G	0.00	0.00	50.00
403	--	--	--	--	M	G	0.00	0.00	700.00	404	--	--	--	--	M	G	0.00	0.00	700.00

Condizione di carico n. 3: Carico accidentale Uffici

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>
403	--	--	--	--	M	G	0.00	0.00	500.00	404	--	--	--	--	M	G	0.00	0.00	250.00

Condizione di carico n. 4: Accidentale copertura

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>
105	--	--	--	--	M	G	0.00	0.00	50.00	106	--	--	--	--	M	G	0.00	0.00	50.00

Condizione di carico n. 5: Carico Neve

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>
105	--	--	--	--	M	G	0.00	0.00	80.00	106	--	--	--	--	M	G	0.00	0.00	80.00

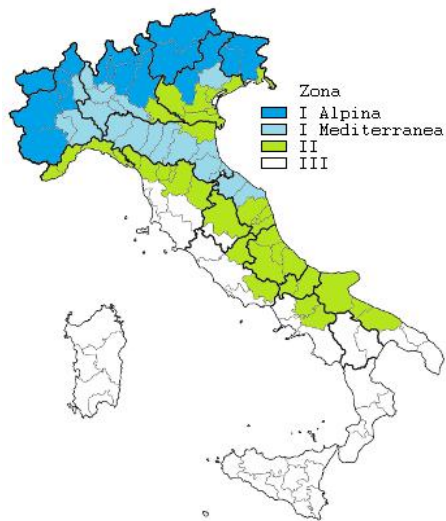
Analisi dei carichi da neve

Calcolo delle azioni della neve

Normativa di riferimento: Norme tecniche per le costruzioni D.M. 17 gennaio 2018 e Circolare 21 gennaio 2019,n. 7 del Ministero delle Infrastrutture e dei Trasporti

Zona di ubicazione dell'edificio: II
 Arezzo, Ascoli Piceno, Avellino, Bari, Barletta-Andria-Trani, Benevento, Campobasso, Chieti, Fermo, Ferrara, Firenze,

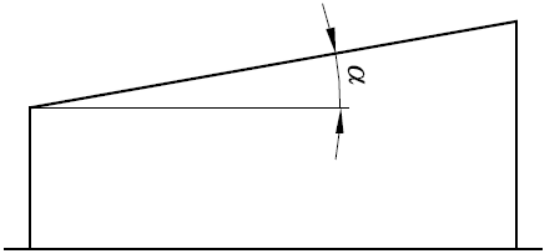
Foggia, Frosinone, Genova, Gorizia, Imperia, Isernia, L'Aquila, La Spezia, Lucca, Macerata, Mantova, Massa Carrara, Padova, Perugia, Pescara, Pistoia, Prato, Rieti, Rovigo, Savona, Teramo, Trieste, Venezia, Verona



Coefficiente di esposizione del sito: Normale

neve

Classificazione della costruzione: Copertura ad una falda senza barriera o parapetto



T_r (tempo di ritorno): 50 anni
 C_t (coefficiente termico): 1.00
 a_s (altitudine sul livello del mare): 200.00 <m>

α (angolo inclinazione): 20.00 <grad>

Parametri derivati (3.4.2):
 q_{sk} (valore di riferimento del carico neve al suolo): 100.00 <daN/mq>

Parametri derivati (tab. 3.4.I):
 C_e (coefficiente d'esposizione): 1.00
 μ_1 (coefficiente di forma della copertura): 0.80

Carichi agenti:
 q_{ss} (carico provocato dalla neve sulle coperture): 80.00 <daN/mq>

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.29, licenza n. 5958, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.4.5, licenza n. -725370720, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica dinamica

Relazione di calcolo

Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: metodo Master-Slave
Modalità di recupero masse secondarie: trasferire le masse
- All'impalcato più vicino in assoluto: Sì
- Anche sui nodi degli impalcati non rigidi: No
- Modificare coordinate baricentro impalcati rigidi: XY

Generazione combinazioni

- Tipo di analisi: Lineare
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Opzioni per analisi P-Delta

- Numero massimo di iterazioni: 0
- Valore della norma euclidea degli spostamenti: 0

Dati struttura

- Sito di costruzione: Vicchio LON. 11.45937 LAT. 43.93686
Contenuto tra ID reticolo: 19396 19174 19395 19173

Simbologia

Ag =Accelerazione orizzontale massima al sito
Cc =Coefficiente funzione della categoria del suolo
Fo =Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
Ss =Coefficiente di amplificazione stratigrafica
Tr =Periodo di ritorno <anni>
TCC=Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc*=Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	Tr	Ag <g>	Fo	Tc*	Ss	Cc
SLD	50	0.0805	2.43	0.27	1.50	1.63
SLV	475	0.1992	2.38	0.29	1.42	1.58

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 3.02 <m>
- Altezza della struttura: 3.02 <m>
- Numero piani edificio: 1
- Coefficiente θ : 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No

- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia strutturale: c.a. o prefabbricata a telaio a più piani e più campate

Periodo T_1	0.2161
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovrarresistenza (α_v/α_1)	1.30
Valore di riferimento del fattore di comportamento (q_0)	3.90
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.50
Fattore di comportamento non dissipativo (qND)	1.50
Fattore di comportamento per SLD (qD)	1.50

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$
- Coeff. amplificazione topografica S_T : 1.00
- Fattore di comportamento per sisma verticale (qv): 1.50
- Modalità di calcolo modi di vibrare: Autovalori
- Numero modi: 3
- Modi da considerare: Tali da movimentare una percentuale di massa pari a 85.00%
- Trascura modi con massa movimentata minore di: 5.00%
- Smorzamento spettro: 5.00%

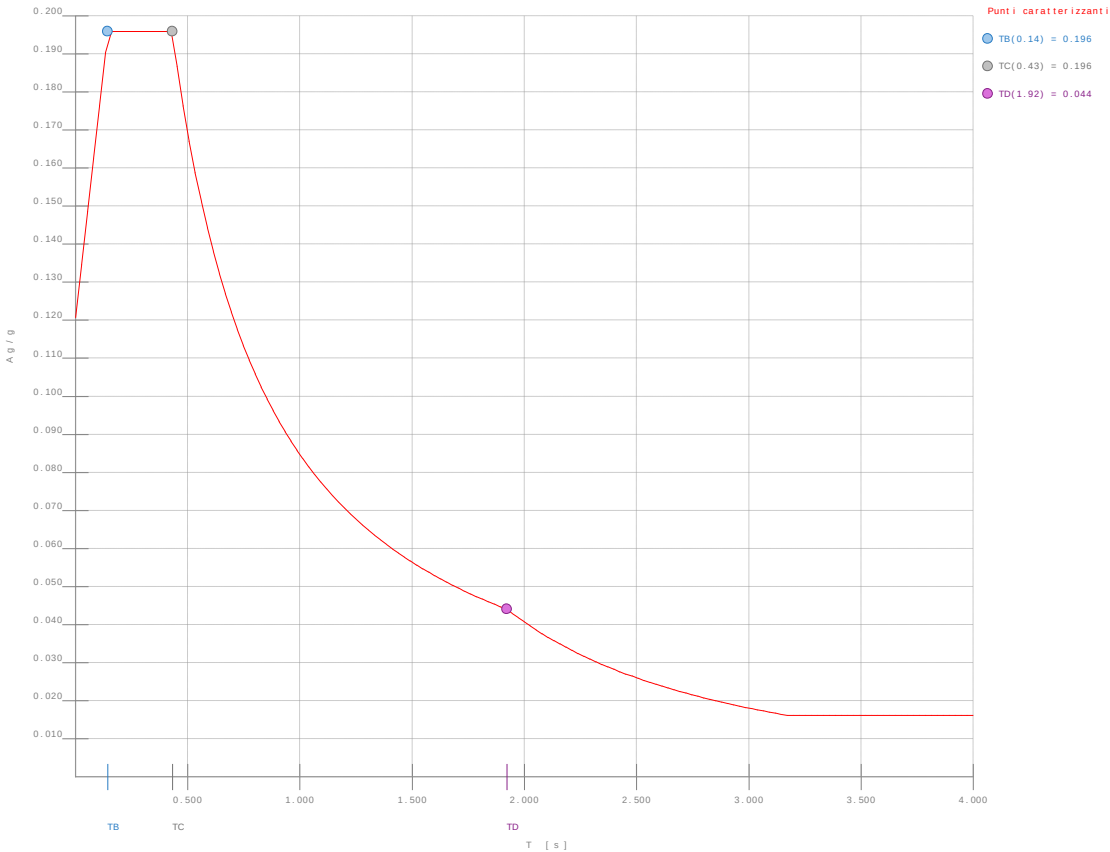


Figura numero 1: Spettro SLD

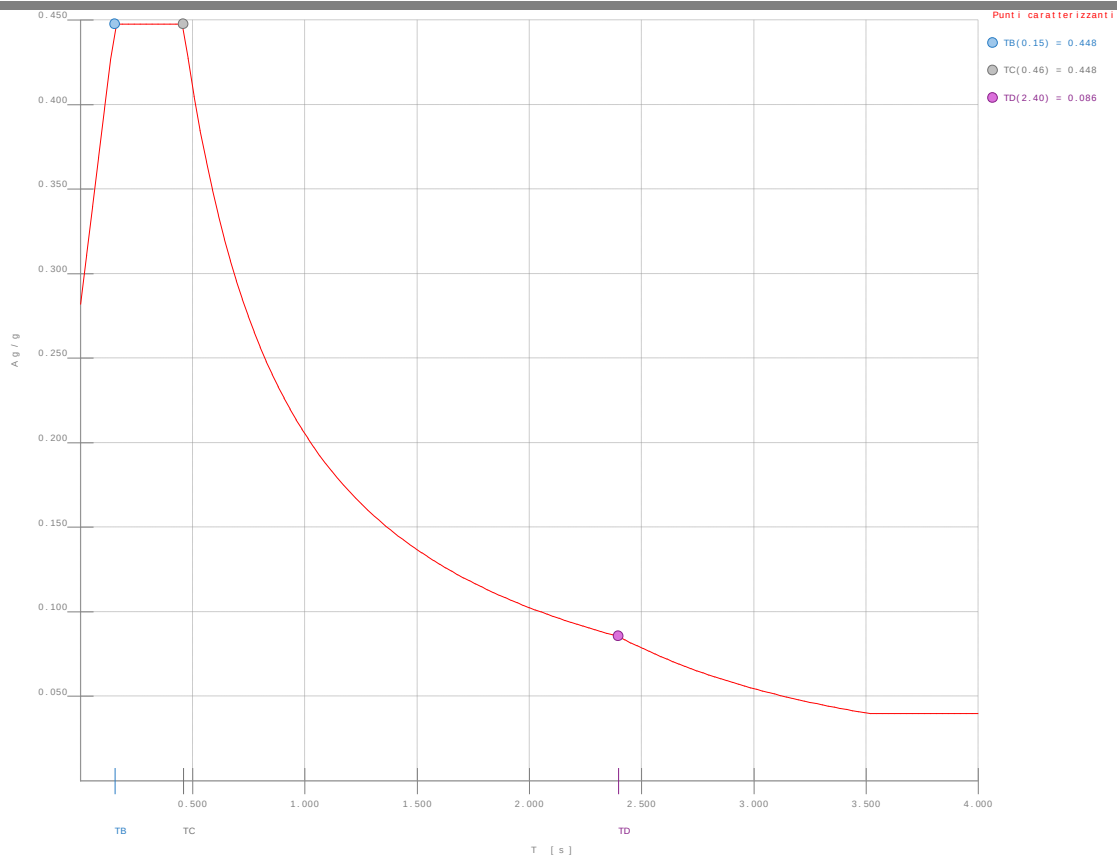


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>

Ambienti di carico

Simbologia

- N = Numero
Comm. = Commento
1=peso proprio
2=permanenti non strutturali
3=Carico accidentale Uffici
4=Accidentale copertura
5=Carico Neve
F =azioni orizzontali convenzionali
SLU =Stato limite ultimo
SLR =Stato limite per combinazioni rare
SLF =Stato limite per combinazioni frequenti
SLQ/D=Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	4	5	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	S	S	S	N	N	N	N
2	Calcolo statico	S	S	S	S	N	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia

- CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	ψ_2	ψ_2	1
2	Amb. 2 (SLU)	SLU	γ_{max}	γ_{max}	γ_{max}	γ_{max}	γ_{max}	----
3	Amb. 2 (SLE R)	SLE R	1	1	1	1	1	----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	ψ_1	ψ_1	----

Relazione di calcolo

5	Amb. 2 (SLE Q)	SLE Q	1	1	Ψ_2	Ψ_2	Ψ_2	-----
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Genera le combinazioni con un solo carico di tipo variabile come di base: No

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia

An. =Tipo di analisi
 L = Lineare
 NL = Non lineare
 PD = P-Delta
 Bk =Buckling
 S = Sì
 N = No
 CC =Numero della combinazione delle condizioni di carico elementari
 Comm.=Commento
 TCC =Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	Mt	±S X	±S Y
1	Amb. 1 (SLU S) S Mt+X+0.3Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	1.00	1.00	0.30
2	Amb. 1 (SLE) S Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	1.00	1.00	0.30
3	Amb. 1 (SLU S) S Mt+X-0.3Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	1.00	1.00	-0.30
4	Amb. 1 (SLE) S Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	1.00	1.00	-0.30
5	Amb. 1 (SLU S) S Mt+0.3X+Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	1.00	0.30	1.00
6	Amb. 1 (SLE) S Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	1.00	0.30	1.00
7	Amb. 1 (SLU S) S Mt-0.3X+Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	1.00	-0.30	1.00
8	Amb. 1 (SLE) S Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	1.00	-0.30	1.00
9	Amb. 1 (SLU S) S -Mt+X+0.3Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	1.00	0.30
10	Amb. 1 (SLE) S -Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	1.00	0.30
11	Amb. 1 (SLU S) S -Mt+X-0.3Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	1.00	-0.30
12	Amb. 1 (SLE) S -Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	1.00	-0.30
13	Amb. 1 (SLU S) S -Mt+0.3X+Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	0.30	1.00
14	Amb. 1 (SLE) S -Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	0.30	1.00
15	Amb. 1 (SLU S) S -Mt-0.3X+Y	SND	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	-0.30	1.00
16	Amb. 1 (SLE) S -Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.30	0.00	0.00	-1.00	-0.30	1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	1.50	1.50	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.50	0.00	0.20	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.30	0.00	0.00	0.00	0.00	0.00

Elenco baricentri e masse impalcanti

Simbologia

Imp.=Numero dell'impalcato
 Jpz =Massa rotazionale intorno all'asse Z
 Mo =Massa orizzontale
 X =Coordinata X
 Y =Coordinata Y
 Z =Coordinata Z

Imp.	X <m>	Y <m>	Z <m>	Mo <kg>	Jpz <kg*mq>
1	10.31	2.55	2.91	63903.20	3059690.00

Totali masse impalcanti

Mo <kg>	Jpz <kg*mq>
63903.20	3059690.00

Elenco forze sismiche di impalcato allo SLD

Simbologia

Imp.=Numero dell'impalcato
 Mz =Momento intorno all'asse Z
 cx =Coeff. c in dir. X
 cy =Coeff. c in dir. Y

Imp.	cx	cy	Mz <daNm>
1	1.00	1.00	14021.70

Totali forze sismiche

Mz
<daNm>
14021.70

Elenco forze sismiche di impalcato allo SND

Imp.	cx	cy	Mz
			<daNm>
1	1.00	1.00	32031.50

Totali forze sismiche

Mz
<daNm>
32031.50

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia

Φ_x =Coefficiente di partecipazione in dir. X
 Φ_y =Coefficiente di partecipazione in dir. Y
 Φ_z =Coefficiente di partecipazione in dir. Z
 $\%J_{pz}$ =Percentuale momento d'inerzia polare partecipante intorno all'asse Z
 $\%M_x$ =Percentuale massa partecipante in dir. X
 $\%M_y$ =Percentuale massa partecipante in dir. Y
 $\%M_z$ =Percentuale massa partecipante in dir. Z
C =* indica che il modo è stato considerato
Diff.=Minima differenza percentuale dagli altri periodi
Modo =Numero del modo di vibrare
T =Periodo

Modo	C	T	Diff.	Φ_x	Φ_y	Φ_z	$\%M_x$	$\%M_y$	$\%M_z$	$\%J_{pz}$
1	*	0.22	13.02	9.51	-75.69	0.00	1.42	89.66	0.00	8.93
2	*	0.19	13.02	74.61	16.73	0.00	87.12	4.38	0.00	8.50
3	*	0.16	16.98	-27.07	19.52	0.00	11.47	5.96	0.00	82.57
Tot.cons.							100.00	100.00	0.00	100.00

Elenco coefficienti di risposta

Simbologia

Modo=Numero del modo di vibrare
 S_x =Coefficiente di risposta (moltiplicato per 100) in dir. X
 S_y =Coefficiente di risposta (moltiplicato per 100) in dir. Y

Stato limite di danno

Modo	S_x	S_y
1	19.59	19.59
2	19.59	19.59
3	19.59	19.59

Stato limite di salvaguardia della vita

Modo	S_x	S_y
1	44.75	44.75
2	44.75	44.75
3	44.75	44.75

Domanda in duttilità di curvatura

Direzione X μ_{Edx} =17.95
Direzione Y μ_{Edy} =16.02

Spostamenti relativi massimi allo stato limite di danno

Simbologia

δ =Spostamento relativo
 δ/h =Rapporto (moltiplicato per 1000) tra lo spostamento relativo e l'altezza
CC =Numero della combinazione delle condizioni di carico elementari
N1 =Nodo1
N2 =Nodo2
h =Altezza teorica

I valori degli spostamenti relativi per CC di tipo sismico sono amplificati come da normativa

N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC	N1	N2	h	δ	δ/h	CC
		<m>	<cm>					<m>	<cm>					<m>	<cm>					<m>	<cm>		
1	101	2.82	0.49	1.73	2	2	102	2.99	0.55	1.84	2	3	103	2.99	0.50	1.68	2	4	104	2.82	0.43	1.54	2

Relazione di calcolo

5	105	2.82	0.46	1.64	14	6	106	2.99	0.49	1.63	6	7	107	2.99	0.58	1.94	14	8	108	2.82	0.57	2.00	14
9	109	2.82	0.63	2.24	14	10	110	2.99	0.64	2.16	14	11	111	2.99	0.74	2.47	14	12	112	2.82	0.73	2.58	14

Min = 1.54

Max = 2.58

Tensioni sul terreno

Simbologia

σ_t = Tensione sul terreno

CC = Numero della combinazione delle condizioni di carico elementari

Nodo = Numero del nodo

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLE R = Stato limite d'esercizio, combinazione rara

SLE F = Stato limite d'esercizio, combinazione frequente

SLE Q = Stato limite d'esercizio, combinazione quasi permanente

SLD = Stato limite di danno

SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	σ_t <daN/cm ² >	Nodo		CC	TCC	σ_t <daN/cm ² >	Nodo		CC	TCC	σ_t <daN/cm ² >	Nodo		CC	TCC	σ_t <daN/cm ² >
-321	Max	17	SLU	0.42	-321	Min.	5	SND	0.12	-320	Max	17	SLU	0.41	-320	Min.	5	SND	0.13
-319	Max	17	SLU	0.40	-319	Min.	5	SND	0.13	-318	Max	17	SLU	0.39	-318	Min.	5	SND	0.13
-317	Max	17	SLU	0.39	-317	Min.	5	SND	0.14	-316	Max	17	SLU	0.39	-316	Min.	5	SND	0.14
-315	Max	17	SLU	0.36	-315	Min.	5	SND	0.18	-314	Max	17	SLU	0.34	-314	Min.	1	SND	0.18
-313	Max	17	SLU	0.33	-313	Min.	1	SND	0.18	-312	Max	17	SLU	0.33	-312	Min.	9	SND	0.17
-311	Max	17	SLU	0.33	-311	Min.	9	SND	0.17	-310	Max	17	SLU	0.34	-310	Min.	9	SND	0.18
-309	Max	17	SLU	0.35	-309	Min.	13	SND	0.18	-308	Max	17	SLU	0.38	-308	Min.	13	SND	0.15
-307	Max	17	SLU	0.41	-307	Min.	13	SND	0.16	-306	Max	17	SLU	0.39	-306	Min.	9	SND	0.17
-305	Max	17	SLU	0.37	-305	Min.	1	SND	0.17	-304	Max	17	SLU	0.37	-304	Min.	1	SND	0.16
-303	Max	17	SLU	0.37	-303	Min.	1	SND	0.16	-302	Max	17	SLU	0.37	-302	Min.	1	SND	0.16
-301	Max	17	SLU	0.39	-301	Min.	1	SND	0.16	-300	Max	17	SLU	0.42	-300	Min.	1	SND	0.15
-299	Max	17	SLU	0.38	-299	Min.	13	SND	0.13	-298	Max	17	SLU	0.37	-298	Min.	13	SND	0.13
-297	Max	17	SLU	0.37	-297	Min.	13	SND	0.13	-296	Max	17	SLU	0.37	-296	Min.	13	SND	0.13
-295	Max	17	SLU	0.38	-295	Min.	13	SND	0.14	-294	Max	17	SLU	0.39	-294	Min.	13	SND	0.14
-293	Max	17	SLU	0.38	-293	Min.	13	SND	0.16	-292	Max	17	SLU	0.37	-292	Min.	13	SND	0.16
-291	Max	17	SLU	0.36	-291	Min.	13	SND	0.15	-290	Max	17	SLU	0.36	-290	Min.	13	SND	0.15
-289	Max	17	SLU	0.36	-289	Min.	13	SND	0.15	-288	Max	17	SLU	0.37	-288	Min.	13	SND	0.15
-287	Max	17	SLU	0.37	-287	Min.	13	SND	0.15	-286	Max	17	SLU	0.37	-286	Min.	13	SND	0.14
-285	Max	17	SLU	0.37	-285	Min.	13	SND	0.14	-284	Max	17	SLU	0.37	-284	Min.	13	SND	0.14
-283	Max	17	SLU	0.37	-283	Min.	13	SND	0.14	-282	Max	17	SLU	0.38	-282	Min.	13	SND	0.14
-281	Max	17	SLU	0.39	-281	Min.	13	SND	0.15	-280	Max	17	SLU	0.40	-280	Min.	13	SND	0.16
-279	Max	17	SLU	0.37	-279	Min.	9	SND	0.18	-278	Max	17	SLU	0.35	-278	Min.	13	SND	0.18
-277	Max	17	SLU	0.35	-277	Min.	13	SND	0.17	-276	Max	17	SLU	0.34	-276	Min.	13	SND	0.17
-275	Max	17	SLU	0.34	-275	Min.	13	SND	0.17	-274	Max	17	SLU	0.35	-274	Min.	13	SND	0.17
-273	Max	17	SLU	0.36	-273	Min.	9	SND	0.17	-272	Max	17	SLU	0.35	-272	Min.	9	SND	0.18
-271	Max	17	SLU	0.34	-271	Min.	13	SND	0.18	-270	Max	17	SLU	0.33	-270	Min.	13	SND	0.18
-269	Max	17	SLU	0.33	-269	Min.	13	SND	0.18	-268	Max	17	SLU	0.33	-268	Min.	13	SND	0.18
-267	Max	17	SLU	0.35	-267	Min.	1	SND	0.17	-266	Max	17	SLU	0.34	-266	Min.	9	SND	0.18
-265	Max	17	SLU	0.33	-265	Min.	9	SND	0.18	-264	Max	17	SLU	0.33	-264	Min.	13	SND	0.19
-263	Max	17	SLU	0.33	-263	Min.	13	SND	0.19	-262	Max	17	SLU	0.33	-262	Min.	9	SND	0.18
-261	Max	17	SLU	0.35	-261	Min.	1	SND	0.17	-260	Max	17	SLU	0.34	-260	Min.	1	SND	0.18
-259	Max	17	SLU	0.33	-259	Min.	1	SND	0.18	-258	Max	17	SLU	0.33	-258	Min.	5	SND	0.19
-257	Max	17	SLU	0.33	-257	Min.	1	SND	0.19	-256	Max	17	SLU	0.33	-256	Min.	1	SND	0.18
-255	Max	17	SLU	0.36	-255	Min.	1	SND	0.17	-254	Max	17	SLU	0.35	-254	Min.	1	SND	0.17
-253	Max	17	SLU	0.34	-253	Min.	5	SND	0.18	-252	Max	17	SLU	0.33	-252	Min.	5	SND	0.18
-251	Max	17	SLU	0.33	-251	Min.	5	SND	0.18	-250	Max	17	SLU	0.33	-250	Min.	1	SND	0.18
-249	Max	17	SLU	0.37	-249	Min.	1	SND	0.17	-248	Max	17	SLU	0.36	-248	Min.	5	SND	0.17
-247	Max	17	SLU	0.35	-247	Min.	5	SND	0.17	-246	Max	17	SLU	0.35	-246	Min.	5	SND	0.17

Relazione di calcolo

-245	Max	17	SLU	0.34	-245	Min.	5	SND	0.17	-244	Max	17	SLU	0.34	-244	Min.	5	SND	0.18
-243	Max	17	SLU	0.39	-243	Min.	5	SND	0.16	-242	Max	17	SLU	0.38	-242	Min.	5	SND	0.16
-241	Max	17	SLU	0.37	-241	Min.	5	SND	0.16	-240	Max	17	SLU	0.36	-240	Min.	5	SND	0.16
-239	Max	17	SLU	0.36	-239	Min.	5	SND	0.16	-238	Max	17	SLU	0.36	-238	Min.	5	SND	0.17
-237	Max	17	SLU	0.36	-237	Min.	5	SND	0.17	-236	Max	17	SLU	0.34	-236	Min.	5	SND	0.18
-235	Max	17	SLU	0.33	-235	Min.	1	SND	0.18	-234	Max	17	SLU	0.33	-234	Min.	9	SND	0.18
-233	Max	17	SLU	0.33	-233	Min.	9	SND	0.18	-232	Max	17	SLU	0.34	-232	Min.	9	SND	0.18
-231	Max	17	SLU	0.35	-231	Min.	13	SND	0.18	-230	Max	17	SLU	0.36	-230	Min.	13	SND	0.16
-229	Max	17	SLU	0.35	-229	Min.	13	SND	0.16	-228	Max	17	SLU	0.35	-228	Min.	13	SND	0.16
-227	Max	17	SLU	0.36	-227	Min.	13	SND	0.16	-226	Max	17	SLU	0.36	-226	Min.	13	SND	0.17
-225	Max	17	SLU	0.38	-225	Min.	13	SND	0.17	-224	Max	17	SLU	0.38	-224	Min.	9	SND	0.17
-223	Max	17	SLU	0.37	-223	Min.	9	SND	0.17	-222	Max	17	SLU	0.36	-222	Min.	1	SND	0.17
-221	Max	17	SLU	0.36	-221	Min.	1	SND	0.16	-220	Max	17	SLU	0.37	-220	Min.	1	SND	0.16
-219	Max	17	SLU	0.38	-219	Min.	1	SND	0.16	-218	Max	17	SLU	0.41	-218	Min.	5	SND	0.16
-217	Max	17	SLU	0.41	-217	Min.	5	SND	0.14	-216	Max	17	SLU	0.40	-216	Min.	5	SND	0.14
-215	Max	17	SLU	0.39	-215	Min.	5	SND	0.14	-214	Max	17	SLU	0.38	-214	Min.	5	SND	0.14
-213	Max	17	SLU	0.38	-213	Min.	5	SND	0.15	-212	Max	17	SLU	0.38	-212	Min.	5	SND	0.15
-211	Max	17	SLU	0.37	-211	Min.	1	SND	0.19	-210	Max	17	SLU	0.35	-210	Min.	1	SND	0.19
-209	Max	17	SLU	0.34	-209	Min.	9	SND	0.18	-208	Max	17	SLU	0.33	-208	Min.	9	SND	0.18
-207	Max	17	SLU	0.34	-207	Min.	9	SND	0.18	-206	Max	17	SLU	0.36	-206	Min.	9	SND	0.19
-205	Max	17	SLU	0.38	-205	Min.	9	SND	0.20	-204	Max	17	SLU	0.38	-204	Min.	5	SND	0.12
-203	Max	17	SLU	0.36	-203	Min.	5	SND	0.12	-202	Max	17	SLU	0.35	-202	Min.	5	SND	0.12
-201	Max	17	SLU	0.34	-201	Min.	5	SND	0.12	-200	Max	17	SLU	0.35	-200	Min.	5	SND	0.13
-199	Max	17	SLU	0.36	-199	Min.	5	SND	0.13	-198	Max	17	SLU	0.38	-198	Min.	5	SND	0.13
-197	Max	17	SLU	0.37	-197	Min.	5	SND	0.13	-196	Max	17	SLU	0.35	-196	Min.	5	SND	0.13
-195	Max	17	SLU	0.34	-195	Min.	5	SND	0.13	-194	Max	17	SLU	0.34	-194	Min.	5	SND	0.13
-193	Max	17	SLU	0.34	-193	Min.	5	SND	0.14	-192	Max	17	SLU	0.36	-192	Min.	5	SND	0.14
-191	Max	17	SLU	0.37	-191	Min.	5	SND	0.15	-189	Max	17	SLU	0.41	-189	Min.	9	SND	0.11
-188	Max	17	SLU	0.38	-188	Min.	9	SND	0.12	-187	Max	17	SLU	0.36	-187	Min.	9	SND	0.13
-186	Max	17	SLU	0.35	-186	Min.	9	SND	0.13	-185	Max	17	SLU	0.35	-185	Min.	9	SND	0.14
-184	Max	17	SLU	0.36	-184	Min.	1	SND	0.15	-183	Max	17	SLU	0.38	-183	Min.	1	SND	0.16
-182	Max	17	SLU	0.41	-182	Min.	13	SND	0.19	-181	Max	17	SLU	0.39	-181	Min.	13	SND	0.18
-180	Max	17	SLU	0.38	-180	Min.	13	SND	0.17	-179	Max	17	SLU	0.38	-179	Min.	9	SND	0.16
-178	Max	17	SLU	0.38	-178	Min.	9	SND	0.15	-177	Max	17	SLU	0.40	-177	Min.	9	SND	0.14
-176	Max	17	SLU	0.42	-176	Min.	9	SND	0.12	-175	Max	17	SLU	0.35	-175	Min.	1	SND	0.19
-174	Max	17	SLU	0.33	-174	Min.	1	SND	0.18	-173	Max	17	SLU	0.32	-173	Min.	5	SND	0.17
-172	Max	17	SLU	0.32	-172	Min.	5	SND	0.17	-171	Max	17	SLU	0.32	-171	Min.	5	SND	0.17
-170	Max	17	SLU	0.33	-170	Min.	5	SND	0.17	-169	Max	17	SLU	0.35	-169	Min.	5	SND	0.18
-168	Max	17	SLU	0.33	-168	Min.	1	SND	0.19	-167	Max	17	SLU	0.32	-167	Min.	1	SND	0.19
-166	Max	17	SLU	0.31	-166	Min.	1	SND	0.19	-165	Max	17	SLU	0.31	-165	Min.	5	SND	0.18
-164	Max	17	SLU	0.31	-164	Min.	5	SND	0.18	-163	Max	17	SLU	0.32	-163	Min.	1	SND	0.18
-162	Max	17	SLU	0.34	-162	Min.	1	SND	0.17	-161	Max	17	SLU	0.32	-161	Min.	9	SND	0.18
-160	Max	17	SLU	0.31	-160	Min.	9	SND	0.19	-159	Max	17	SLU	0.31	-159	Min.	9	SND	0.19
-158	Max	17	SLU	0.30	-158	Min.	9	SND	0.19	-157	Max	17	SLU	0.31	-157	Min.	9	SND	0.18
-156	Max	17	SLU	0.32	-156	Min.	9	SND	0.17	-155	Max	17	SLU	0.33	-155	Min.	9	SND	0.16
-154	Max	17	SLU	0.32	-154	Min.	9	SND	0.18	-153	Max	17	SLU	0.31	-153	Min.	13	SND	0.18
-152	Max	17	SLU	0.31	-152	Min.	13	SND	0.18	-151	Max	17	SLU	0.30	-151	Min.	9	SND	0.18
-150	Max	17	SLU	0.31	-150	Min.	9	SND	0.17	-149	Max	17	SLU	0.32	-149	Min.	9	SND	0.16
-148	Max	17	SLU	0.33	-148	Min.	9	SND	0.15	-147	Max	17	SLU	0.33	-147	Min.	13	SND	0.19
-146	Max	17	SLU	0.32	-146	Min.	13	SND	0.18	-145	Max	17	SLU	0.31	-145	Min.	13	SND	0.18
-144	Max	17	SLU	0.31	-144	Min.	9	SND	0.17	-143	Max	17	SLU	0.32	-143	Min.	9	SND	0.16
-142	Max	17	SLU	0.32	-142	Min.	9	SND	0.16	-141	Max	17	SLU	0.34	-141	Min.	9	SND	0.15
-140	Max	17	SLU	0.34	-140	Min.	13	SND	0.19	-139	Max	17	SLU	0.34	-139	Min.	13	SND	0.18

Relazione di calcolo

-138	Max	17	SLU	0.33	-138	Min.	13	SND	0.18	-137	Max	17	SLU	0.33	-137	Min.	9	SND	0.17
-136	Max	17	SLU	0.33	-136	Min.	9	SND	0.16	-135	Max	17	SLU	0.34	-135	Min.	9	SND	0.15
-134	Max	17	SLU	0.35	-134	Min.	9	SND	0.14	-133	Max	17	SLU	0.37	-133	Min.	13	SND	0.19
-132	Max	17	SLU	0.36	-132	Min.	13	SND	0.18	-131	Max	17	SLU	0.35	-131	Min.	13	SND	0.17
-130	Max	17	SLU	0.34	-130	Min.	9	SND	0.17	-129	Max	17	SLU	0.35	-129	Min.	9	SND	0.16
-128	Max	17	SLU	0.36	-128	Min.	9	SND	0.15	-127	Max	17	SLU	0.38	-127	Min.	9	SND	0.14
-126	Max	17	SLU	0.40	-126	Min.	9	SND	0.12	-125	Max	17	SLU	0.37	-125	Min.	9	SND	0.13
-124	Max	17	SLU	0.35	-124	Min.	9	SND	0.13	-123	Max	17	SLU	0.34	-123	Min.	9	SND	0.14
-122	Max	17	SLU	0.34	-122	Min.	9	SND	0.15	-121	Max	17	SLU	0.35	-121	Min.	1	SND	0.16
-120	Max	17	SLU	0.37	-120	Min.	1	SND	0.17	-119	Max	17	SLU	0.36	-119	Min.	5	SND	0.16
-118	Max	17	SLU	0.34	-118	Min.	5	SND	0.15	-117	Max	17	SLU	0.33	-117	Min.	5	SND	0.15
-116	Max	17	SLU	0.33	-116	Min.	5	SND	0.15	-115	Max	17	SLU	0.33	-115	Min.	5	SND	0.16
-114	Max	17	SLU	0.35	-114	Min.	5	SND	0.16	-113	Max	17	SLU	0.36	-113	Min.	5	SND	0.17
-112	Max	17	SLU	0.36	-112	Min.	1	SND	0.19	-111	Max	17	SLU	0.34	-111	Min.	1	SND	0.19
-110	Max	17	SLU	0.33	-110	Min.	9	SND	0.18	-109	Max	17	SLU	0.33	-109	Min.	9	SND	0.18
-108	Max	17	SLU	0.34	-108	Min.	9	SND	0.18	-107	Max	17	SLU	0.35	-107	Min.	9	SND	0.19
-106	Max	17	SLU	0.38	-106	Min.	13	SND	0.20	-105	Max	17	SLU	0.40	-105	Min.	13	SND	0.19
-104	Max	17	SLU	0.38	-104	Min.	13	SND	0.18	-103	Max	17	SLU	0.37	-103	Min.	13	SND	0.17
-102	Max	17	SLU	0.37	-102	Min.	9	SND	0.16	-101	Max	17	SLU	0.37	-101	Min.	9	SND	0.15
-100	Max	17	SLU	0.39	-100	Min.	9	SND	0.14	-99	Max	17	SLU	0.41	-99	Min.	9	SND	0.13
-98	Max	17	SLU	0.35	-98	Min.	13	SND	0.20	-97	Max	17	SLU	0.34	-97	Min.	9	SND	0.21
-96	Max	17	SLU	0.33	-96	Min.	9	SND	0.20	-95	Max	17	SLU	0.31	-95	Min.	9	SND	0.19
-94	Max	17	SLU	0.30	-94	Min.	1	SND	0.19	-93	Max	17	SLU	0.29	-93	Min.	1	SND	0.18
-92	Max	17	SLU	0.29	-92	Min.	9	SND	0.18	-91	Max	17	SLU	0.28	-91	Min.	9	SND	0.18
-90	Max	17	SLU	0.28	-90	Min.	13	SND	0.17	-89	Max	17	SLU	0.29	-89	Min.	13	SND	0.17
-88	Max	17	SLU	0.29	-88	Min.	13	SND	0.18	-87	Max	17	SLU	0.30	-87	Min.	13	SND	0.18
-86	Max	17	SLU	0.32	-86	Min.	1	SND	0.20	-85	Max	17	SLU	0.33	-85	Min.	5	SND	0.20
-84	Max	17	SLU	0.34	-84	Min.	5	SND	0.19	-83	Max	17	SLU	0.39	-83	Min.	1	SND	0.24
-82	Max	17	SLU	0.37	-82	Min.	1	SND	0.23	-81	Max	17	SLU	0.36	-81	Min.	5	SND	0.22
-80	Max	17	SLU	0.34	-80	Min.	13	SND	0.20	-79	Max	17	SLU	0.33	-79	Min.	13	SND	0.20
-78	Max	17	SLU	0.32	-78	Min.	13	SND	0.19	-77	Max	17	SLU	0.31	-77	Min.	9	SND	0.19
-76	Max	17	SLU	0.30	-76	Min.	9	SND	0.19	-75	Max	17	SLU	0.30	-75	Min.	9	SND	0.19
-74	Max	17	SLU	0.31	-74	Min.	13	SND	0.18	-73	Max	17	SLU	0.31	-73	Min.	13	SND	0.18
-72	Max	17	SLU	0.32	-72	Min.	13	SND	0.19	-71	Max	17	SLU	0.33	-71	Min.	13	SND	0.20
-70	Max	17	SLU	0.35	-70	Min.	9	SND	0.21	-69	Max	17	SLU	0.36	-69	Min.	9	SND	0.22
-68	Max	17	SLU	0.38	-68	Min.	13	SND	0.21	-67	Max	17	SLU	0.38	-67	Min.	13	SND	0.21
-66	Max	17	SLU	0.38	-66	Min.	13	SND	0.21	-65	Max	17	SLU	0.37	-65	Min.	13	SND	0.21
-64	Max	17	SLU	0.37	-64	Min.	13	SND	0.20	-63	Max	17	SLU	0.37	-63	Min.	13	SND	0.20
-62	Max	17	SLU	0.37	-62	Min.	13	SND	0.20	-61	Max	17	SLU	0.38	-61	Min.	13	SND	0.19
-60	Max	17	SLU	0.38	-60	Min.	13	SND	0.19	-59	Max	17	SLU	0.39	-59	Min.	13	SND	0.19
-58	Max	17	SLU	0.39	-58	Min.	13	SND	0.19	-57	Max	17	SLU	0.40	-57	Min.	13	SND	0.19
-56	Max	17	SLU	0.35	-56	Min.	5	SND	0.17	-55	Max	17	SLU	0.34	-55	Min.	5	SND	0.17
-54	Max	17	SLU	0.34	-54	Min.	5	SND	0.18	-53	Max	17	SLU	0.34	-53	Min.	5	SND	0.18
-52	Max	17	SLU	0.33	-52	Min.	5	SND	0.18	-51	Max	17	SLU	0.33	-51	Min.	5	SND	0.18
-50	Max	17	SLU	0.34	-50	Min.	5	SND	0.19	-49	Max	17	SLU	0.34	-49	Min.	5	SND	0.19
-48	Max	17	SLU	0.35	-48	Min.	5	SND	0.20	-47	Max	17	SLU	0.35	-47	Min.	5	SND	0.20
-46	Max	17	SLU	0.36	-46	Min.	5	SND	0.20	-45	Max	17	SLU	0.36	-45	Min.	13	SND	0.21
-44	Max	17	SLU	0.37	-44	Min.	13	SND	0.21	-43	Max	17	SLU	0.38	-43	Min.	5	SND	0.16
-42	Max	17	SLU	0.38	-42	Min.	5	SND	0.16	-41	Max	17	SLU	0.37	-41	Min.	5	SND	0.16
-40	Max	17	SLU	0.37	-40	Min.	5	SND	0.17	-39	Max	17	SLU	0.36	-39	Min.	5	SND	0.17
-38	Max	17	SLU	0.36	-38	Min.	5	SND	0.17	-37	Max	17	SLU	0.37	-37	Min.	13	SND	0.18
-36	Max	17	SLU	0.37	-36	Min.	13	SND	0.18	-35	Max	17	SLU	0.37	-35	Min.	13	SND	0.18
-34	Max	17	SLU	0.37	-34	Min.	13	SND	0.17	-33	Max	17	SLU	0.37	-33	Min.	13	SND	0.17

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-32	Max	17	SLU	0.37	-32	Min.	13	SND	0.17	-31	Max	17	SLU	0.40	-31	Min.	5	SND	0.23
-30	Max	17	SLU	0.39	-30	Min.	13	SND	0.22	-29	Max	17	SLU	0.39	-29	Min.	13	SND	0.22
-28	Max	17	SLU	0.38	-28	Min.	13	SND	0.22	-27	Max	17	SLU	0.37	-27	Min.	13	SND	0.21
-26	Max	17	SLU	0.37	-26	Min.	13	SND	0.21	-25	Max	17	SLU	0.36	-25	Min.	13	SND	0.20
-24	Max	17	SLU	0.36	-24	Min.	13	SND	0.20	-23	Max	17	SLU	0.36	-23	Min.	13	SND	0.20
-22	Max	17	SLU	0.36	-22	Min.	13	SND	0.19	-21	Max	17	SLU	0.36	-21	Min.	13	SND	0.19
-20	Max	17	SLU	0.36	-20	Min.	13	SND	0.19	-19	Max	17	SLU	0.36	-19	Min.	13	SND	0.19
-18	Max	17	SLU	0.38	-18	Min.	1	SND	0.18	-17	Max	17	SLU	0.38	-17	Min.	1	SND	0.18
-16	Max	17	SLU	0.38	-16	Min.	1	SND	0.19	-15	Max	17	SLU	0.38	-15	Min.	1	SND	0.19
-14	Max	17	SLU	0.38	-14	Min.	1	SND	0.20	-13	Max	17	SLU	0.38	-13	Min.	1	SND	0.20
-12	Max	17	SLU	0.38	-12	Min.	5	SND	0.21	-11	Max	17	SLU	0.39	-11	Min.	5	SND	0.21
-10	Max	17	SLU	0.39	-10	Min.	5	SND	0.22	-9	Max	17	SLU	0.40	-9	Min.	5	SND	0.22
-8	Max	17	SLU	0.40	-8	Min.	5	SND	0.23	-7	Max	17	SLU	0.40	-7	Min.	5	SND	0.23
1	Max	1	SND	0.44	1	Min.	9	SND	0.10	2	Max	17	SLU	0.39	2	Min.	5	SND	0.16
3	Max	17	SLU	0.38	3	Min.	1	SND	0.18	4	Max	17	SLU	0.41	4	Min.	13	SND	0.20
5	Max	17	SLU	0.37	5	Min.	13	SND	0.21	6	Max	17	SLU	0.40	6	Min.	5	SND	0.23
7	Max	17	SLU	0.37	7	Min.	13	SND	0.19	8	Max	17	SLU	0.35	8	Min.	5	SND	0.17
9	Max	17	SLU	0.38	9	Min.	5	SND	0.15	10	Max	17	SLU	0.37	10	Min.	13	SND	0.16
11	Max	17	SLU	0.39	11	Min.	9	SND	0.17	12	Max	17	SLU	0.43	12	Min.	5	SND	0.13
13	Max	17	SLU	0.40	13	Min.	5	SND	0.13	14	Max	17	SLU	0.44	14	Min.	5	SND	0.12
15	Max	17	SLU	0.39	15	Min.	5	SND	0.14	18	Max	17	SLU	0.42	18	Min.	13	SND	0.19
19	Max	1	SND	0.46	19	Min.	9	SND	0.09	20	Max	1	SND	0.50	20	Min.	9	SND	0.07
21	Max	17	SLU	0.41	21	Min.	5	SND	0.13	22	Max	17	SLU	0.40	22	Min.	5	SND	0.16
23	Max	1	SND	0.47	23	Min.	9	SND	0.08	24	Max	17	SLU	0.40	24	Min.	13	SND	0.15
25	Max	17	SLU	0.38	25	Min.	13	SND	0.14	26	Max	17	SLU	0.41	26	Min.	13	SND	0.15
27	Max	17	SLU	0.45	27	Min.	5	SND	0.12	28	Max	17	SLU	0.44	28	Min.	5	SND	0.13
29	Max	17	SLU	0.40	29	Min.	9	SND	0.17	30	Max	17	SLU	0.38	30	Min.	13	SND	0.13
31	Max	17	SLU	0.39	31	Min.	5	SND	0.14	32	Max	17	SLU	0.37	32	Min.	13	SND	0.16
33	Max	17	SLU	0.38	33	Min.	5	SND	0.15	34	Max	17	SLU	0.42	34	Min.	13	SND	0.19
35	Max	17	SLU	0.41	35	Min.	13	SND	0.19	36	Max	17	SLU	0.38	36	Min.	1	SND	0.18
37	Max	17	SLU	0.39	37	Min.	5	SND	0.15	38	Max	17	SLU	0.39	38	Min.	5	SND	0.15
39	Max	17	SLU	0.41	39	Min.	5	SND	0.12	40	Max	17	SLU	0.40	40	Min.	5	SND	0.13
41	Max	17	SLU	0.40	41	Min.	5	SND	0.12	42	Max	17	SLU	0.39	42	Min.	5	SND	0.13
43	Max	17	SLU	0.39	43	Min.	13	SND	0.13	44	Max	17	SLU	0.41	44	Min.	13	SND	0.14
45	Max	17	SLU	0.38	45	Min.	13	SND	0.13	46	Max	17	SLU	0.41	46	Min.	13	SND	0.14

Sollecitazioni aste

Simbologia

Asta=Numero dell'asta
 CC =Numero della combinazione delle condizioni di carico elementari
 Mx =Momento torcente intorno all'asse X
 My =Momento flettente intorno all'asse Y
 Mz =Momento flettente intorno all'asse Z
 N =Sforzo normale
 N1 =Nodo1
 N2 =Nodo2
 Ty =Taglio in dir. Y
 Tz =Taglio in dir. Z
 X =Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-2522.65	9	3047.04	1	4058.04	9	2728.67	13	2985.90	5	376.75	5
21	1	101	Max	262.01	-1703.86	9	3047.04	1	2311.17	1	2728.67	13	2862.52	13	376.75	5
21	1	101	Min.	0.00	-6398.38	1	-3631.81	9	-5677.05	1	-2258.27	5	-4288.35	13	-378.22	13
21	1	101	Min.	262.01	-5579.59	1	-3631.81	9	-5462.35	9	-2258.27	5	-2932.46	5	-378.22	13
22	2	102	Max	0.00	-3776.30	1	3964.42	1	6236.29	9	2170.10	9	3710.39	1	354.12	5
22	2	102	Max	279.01	-2904.38	1	3964.42	1	3425.86	1	2170.10	9	2180.31	9	354.12	5
22	2	102	Min.	0.00	-5968.41	9	-3781.79	9	-7638.31	1	-2723.64	1	-3875.02	9	-355.50	13
22	2	102	Min.	279.01	-5096.50	9	-3781.78	9	-4318.30	9	-2723.64	1	-3889.38	1	-355.50	13

Relazione di calcolo

23	3	103	Max	0.00	-7399.09	1	4511.20	5	6394.83	13	3150.81	9	5348.29	1	354.12	5
23	3	103	Max	279.01	-6527.18	1	4511.20	5	4218.68	5	3150.81	9	4096.29	9	354.12	5
23	3	103	Min.	0.00	-8791.17	9	-3646.90	13	-8368.29	5	-3434.87	1	-4694.97	9	-355.50	13
23	3	103	Min.	279.01	-7919.25	9	-3646.90	13	-3780.63	13	-3434.87	1	-4235.53	1	-355.50	13
24	4	104	Max	0.00	-6341.00	9	5099.67	1	8746.54	9	2832.72	13	3166.23	5	376.75	5
24	4	104	Max	262.01	-5522.21	9	5099.67	1	5430.76	1	2832.72	13	2888.46	13	376.75	5
24	4	104	Min.	0.00	-8085.90	1	-5267.47	9	-7931.70	1	-2217.40	5	-4533.68	13	-378.22	13
24	4	104	Min.	262.01	-7267.11	1	-5267.47	9	-5055.57	9	-2217.40	5	-2643.70	5	-378.22	13
25	5	105	Max	0.00	-7194.01	13	1520.57	13	2784.07	5	2016.40	1	3093.13	9	101.75	5
25	5	105	Max	262.01	-6784.61	13	1520.57	13	1980.77	13	2016.40	1	2382.86	1	101.75	5
25	5	105	Min.	0.00	-7991.77	5	-1897.22	5	-2003.40	13	-2254.93	9	-2900.37	1	-102.15	13
25	5	105	Min.	262.01	-7582.37	5	-1897.22	5	-2186.97	5	-2254.93	9	-2815.10	9	-102.15	13
26	6	106	Max	0.00	-8133.47	13	1826.01	13	1811.76	5	2120.75	9	3502.40	1	95.64	5
26	6	106	Max	279.01	-7697.51	13	1826.01	13	2402.30	13	2120.75	9	2714.96	9	95.64	5
26	6	106	Min.	0.00	-8912.02	5	-1316.93	5	-2692.49	13	-2423.26	1	-3202.21	9	-96.01	13
26	6	106	Min.	279.01	-8476.06	5	-1316.93	5	-1862.65	5	-2423.26	1	-3258.81	1	-96.01	13
27	7	107	Max	0.00	-4536.26	9	2399.04	13	2942.14	5	2609.12	9	2464.43	1	95.64	5
27	7	107	Max	279.01	-4100.30	9	2399.04	13	3142.06	13	2609.12	9	3590.25	9	95.64	5
27	7	107	Min.	0.00	-6224.80	1	-2138.00	5	-3551.58	13	-1331.08	1	-3689.54	9	-96.01	13
27	7	107	Min.	279.01	-5788.84	1	-2138.00	5	-3023.18	5	-1331.08	1	-1249.46	1	-96.01	13
28	8	108	Max	0.00	-3812.15	5	2331.55	13	3591.79	5	2429.21	1	2083.33	9	101.75	5
28	8	108	Max	262.01	-3402.75	5	2331.55	13	3097.61	13	2429.21	1	3149.12	1	101.75	5
28	8	108	Min.	0.00	-5432.81	13	-2497.67	5	-3011.33	13	-1080.44	9	-3215.77	1	-102.15	13
28	8	108	Min.	262.01	-5023.42	13	-2497.67	5	-2952.41	5	-1080.44	9	-747.60	9	-102.15	13
29	9	109	Max	0.00	-2540.48	5	2664.67	13	4107.75	5	1269.17	1	2682.04	9	101.75	5
29	9	109	Max	262.01	-2131.08	5	2664.67	13	3361.29	13	1269.17	1	1270.67	1	101.75	5
29	9	109	Min.	0.00	-5160.24	13	-2792.26	5	-3620.53	13	-2027.27	9	-2054.87	1	-102.15	13
29	9	109	Min.	262.01	-4750.85	13	-2792.26	5	-3208.36	5	-2027.27	9	-2629.81	9	-102.15	13
30	10	110	Max	0.00	-3029.06	9	2691.41	13	3823.19	5	1591.08	9	2989.55	1	95.64	5
30	10	110	Max	279.01	-2593.11	9	2691.41	13	3424.83	13	1591.08	9	1842.23	9	95.64	5
30	10	110	Min.	0.00	-6316.77	1	-2619.31	5	-4084.63	13	-2140.63	1	-2597.13	9	-96.01	13
30	10	110	Min.	279.01	-5880.81	1	-2619.31	5	-3485.13	5	-2140.63	1	-2983.14	1	-96.01	13
31	11	111	Max	0.00	-2754.59	9	3138.32	13	4588.36	5	1892.39	9	2389.68	1	95.64	5
31	11	111	Max	279.01	-2318.64	9	3138.32	13	3946.84	13	1892.39	9	2753.89	9	95.64	5
31	11	111	Min.	0.00	-5135.63	1	-3063.15	5	-4809.48	13	-1482.20	1	-2526.18	9	-96.01	13
31	11	111	Min.	279.01	-4699.67	1	-3063.15	5	-3958.23	5	-1482.20	1	-1745.92	1	-96.01	13
32	12	112	Max	0.00	-1904.66	1	3004.03	13	4797.53	5	1629.71	1	1943.70	9	101.75	5
32	12	112	Max	262.01	-1495.26	1	3004.03	13	3658.88	13	1629.71	1	2283.35	1	101.75	5
32	12	112	Min.	0.00	-4279.14	9	-3212.19	5	-4212.36	13	-1227.85	9	-1987.15	1	-102.15	13
32	12	112	Min.	262.01	-3869.74	9	-3212.19	5	-3619.11	5	-1227.85	9	-1273.87	9	-102.15	13
401	35	-57	Max	0.00	0.00	1	0.00	1	0.00	1	-566.73	9	4812.54	1	642.04	13
401	35	-57	Max	37.31	0.00	1	0.00	1	0.00	1	-207.53	9	3261.14	1	642.04	13
401	35	-57	Min.	0.00	0.00	1	0.00	1	0.00	1	-4596.15	1	-2998.67	9	-619.24	5
401	35	-57	Min.	37.31	0.00	1	0.00	1	0.00	1	-3925.67	1	-3180.68	9	-619.24	5
401	-57	-58	Max	0.00	0.00	1	0.00	1	0.00	1	-207.52	9	3261.14	1	642.04	13
401	-57	-58	Max	37.31	0.00	1	0.00	1	0.00	1	140.05	9	1970.65	1	642.04	13
401	-57	-58	Min.	0.00	0.00	1	0.00	1	0.00	1	-3925.67	1	-3180.68	9	-619.24	5
401	-57	-58	Min.	37.31	0.00	1	0.00	1	0.00	1	-3265.55	1	-3243.50	9	-619.24	5
401	-58	-59	Max	0.00	0.00	1	0.00	1	0.00	1	140.04	9	1970.65	1	642.04	13
401	-58	-59	Max	1.54									1746.38	9		
401	-58	-59	Max	37.31	0.00	1	0.00	1	0.00	1	481.26	9	935.06	1	642.04	13
401	-58	-59	Min.	0.00	0.00	1	0.00	1	0.00	1	-3265.56	1	-3243.50	9	-619.24	5
401	-58	-59	Min.	1.54									-3243.60	9		
401	-58	-59	Min.	37.31	0.00	1	0.00	1	0.00	1	-2620.03	1	-3189.30	9	-619.24	5
401	-59	-60	Max	0.00	0.00	1	0.00	1	0.00	1	481.26	9	935.06	1	642.04	13
401	-59	-60	Max	37.31	0.00	1	0.00	1	0.00	1	821.75	9	140.42	1	642.04	13
401	-59	-60	Min.	0.00	0.00	1	0.00	1	0.00	1	-2620.01	1	-3189.29	9	-619.24	5
401	-59	-60	Min.	37.31	0.00	1	0.00	1	0.00	1	-1991.73	1	-3011.37	9	-619.24	5
401	-60	-61	Max	0.00	0.00	1	0.00	1	0.00	1	821.77	9	140.42	1	642.04	13
401	-60	-61	Max	18.78									-586.38	13		
401	-60	-61	Max	37.31	0.00	1	0.00	1	0.00	1	1167.65	9	-405.37	9	642.04	13
401	-60	-61	Min.	0.00	0.00	1	0.00	1	0.00	1	-1991.74	1	-3011.36	9	-619.24	5
401	-60	-61	Min.	30.51									-2467.71	5		
401	-60	-61	Min.	37.31	0.00	1	0.00	1	0.00	1	-1382.52	1	-2723.55	1	-619.24	5
401	-61	-62	Max	0.00	0.00	1	0.00	1	0.00	1	1167.66	9	-405.37	9	642.04	13
401	-61	-62	Max	29.08									-1102.30	15		
401	-61	-62	Max	37.31	0.00	1	0.00	1	0.00	1	1526.05	9	-692.26	13	642.04	13
401	-61	-62	Min.	0.00	0.00	1	0.00	1	0.00	1	-1382.53	1	-2723.55	1	-619.24	5
401	-61	-62	Min.	36.56									-1985.87	7		
401	-61	-62	Min.	37.31	0.00	1	0.00	1	0.00	1	-794.34	1	-2340.06	5	-619.24	5
401	-62	-63	Max	0.00	0.00	1	0.00	1	0.00	1	1526.05	9	-692.25	13	642.04	13
401	-62	-63	Max	37.31	0.00	1	0.00	1	0.00	1	1904.66	9	-548.56	13	642.04	13
401	-62	-63	Min.	0.00	0.00	1	0.00	1	0.00	1	-794.34	1	-2340.06	5	-619.24	5
401	-62	-63	Min.	37.31	0.00	1	0.00	1	0.00	1	-229.70	1	-2034.79	5	-619.24	5
401	-63	-64	Max	0.00	0.00	1	0.00	1	0.00	1	1904.66	9	-548.56	13	642.04	13
401	-63	-64	Max	37.31	0.00	1	0.00	1	0.00	1	2307.93	9	-171.40	13	642.04	13
401	-63	-64	Min.	0.00	0.00	1	0.00	1	0.00	1	-229.68	1	-2034.78	5	-619.24	5
401	-63	-64	Min.	37.31	0.00	1	0.00	1	0.00	1	311.73	1	-1610.94	5	-619.24	5
401	-64	-65	Max	0.00	0.00	1	0.00	1	0.00	1	2307.93	9	-171.40	13	642.04	13

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401	-64	-65	Max	37.31	0.00	1	0.00	1	0.00	1	2733.88	9	437.90	13	642.04	13
401	-64	-65	Min.	0.00	0.00	1	0.00	1	0.00	1	311.71	1	-1610.94	5	-619.24	5
401	-64	-65	Min.	37.31	0.00	1	0.00	1	0.00	1	835.52	1	-1065.96	5	-619.24	5
401	-65	-66	Max	0.00	0.00	1	0.00	1	0.00	1	2733.88	9	437.90	13	642.04	13
401	-65	-66	Max	37.31	0.00	1	0.00	1	0.00	1	3178.19	9	1453.86	9	642.04	13
401	-65	-66	Min.	0.00	0.00	1	0.00	1	0.00	1	835.54	1	-1065.95	5	-619.24	5
401	-65	-66	Min.	37.31	0.00	1	0.00	1	0.00	1	1348.16	1	-571.97	1	-619.24	5
401	-66	-67	Max	0.00	0.00	1	0.00	1	0.00	1	3178.21	9	1453.87	9	642.04	13
401	-66	-67	Max	37.31	0.00	1	0.00	1	0.00	1	3636.78	9	2645.30	9	642.04	13
401	-66	-67	Min.	0.00	0.00	1	0.00	1	0.00	1	1348.18	1	-571.97	1	-619.24	5
401	-66	-67	Min.	37.31	0.00	1	0.00	1	0.00	1	1853.50	1	104.92	1	-619.24	5
401	-67	-68	Max	0.00	0.00	1	0.00	1	0.00	1	3636.78	9	2645.30	9	642.04	13
401	-67	-68	Max	37.31	0.00	1	0.00	1	0.00	1	4105.00	9	4018.70	9	642.04	13
401	-67	-68	Min.	0.00	0.00	1	0.00	1	0.00	1	1853.48	1	104.92	1	-619.24	5
401	-67	-68	Min.	37.31	0.00	1	0.00	1	0.00	1	2353.00	1	960.25	1	-619.24	5
401	-68	5	Max	0.00	0.00	1	0.00	1	0.00	1	4105.01	9	4018.70	9	642.04	13
401	-68	5	Max	24.81	0.00	1	0.00	1	0.00	1	4418.75	9	5040.79	9	642.04	13
401	-68	5	Min.	0.00	0.00	1	0.00	1	0.00	1	2353.01	1	960.25	1	-619.24	5
401	-68	5	Min.	24.81	0.00	1	0.00	1	0.00	1	2681.83	1	1620.01	1	-619.24	5
401	5	-44	Max	12.50	0.00	1	0.00	1	0.00	1	-2691.61	5	4390.60	1	506.27	13
401	5	-44	Max	38.57	0.00	1	0.00	1	0.00	1	-2430.62	5	3380.63	1	506.27	13
401	5	-44	Min.	12.50	0.00	1	0.00	1	0.00	1	-4316.63	13	2103.83	9	-515.24	5
401	5	-44	Min.	38.57	0.00	1	0.00	1	0.00	1	-3910.78	13	1373.80	9	-515.24	5
401	-44	-45	Max	0.00	0.00	1	0.00	1	0.00	1	-2430.55	5	3380.65	1	506.27	13
401	-44	-45	Max	38.57	0.00	1	0.00	1	0.00	1	-2051.23	5	2100.42	1	506.27	13
401	-44	-45	Min.	0.00	0.00	1	0.00	1	0.00	1	-3910.70	13	1373.81	9	-515.24	5
401	-44	-45	Min.	38.57	0.00	1	0.00	1	0.00	1	-3317.89	13	396.36	9	-515.24	5
401	-45	-46	Max	0.00	0.00	1	0.00	1	0.00	1	-2051.24	5	2100.41	1	506.27	13
401	-45	-46	Max	38.57	0.00	1	0.00	1	0.00	1	-1658.01	1	1030.44	1	506.27	13
401	-45	-46	Min.	0.00	0.00	1	0.00	1	0.00	1	-3317.88	13	396.35	9	-515.24	5
401	-45	-46	Min.	38.57	0.00	1	0.00	1	0.00	1	-2761.93	9	-420.69	9	-515.24	5
401	-46	-47	Max	0.00	0.00	1	0.00	1	0.00	1	-1658.03	1	1030.43	1	506.27	13
401	-46	-47	Max	38.57	0.00	1	0.00	1	0.00	1	-1254.68	1	286.67	5	506.27	13
401	-46	-47	Min.	0.00	0.00	1	0.00	1	0.00	1	-2761.96	9	-420.69	9	-515.24	5
401	-46	-47	Min.	38.57	0.00	1	0.00	1	0.00	1	-2241.82	9	-1203.18	13	-515.24	5
401	-47	-48	Max	0.00	0.00	1	0.00	1	0.00	1	-1254.67	1	286.68	5	506.27	13
401	-47	-48	Max	38.57	0.00	1	0.00	1	0.00	1	-858.68	9	-257.29	5	506.27	13
401	-47	-48	Min.	0.00	0.00	1	0.00	1	0.00	1	-2241.80	9	-1203.18	13	-515.24	5
401	-47	-48	Min.	38.57	0.00	1	0.00	1	0.00	1	-1740.14	1	-1833.89	13	-515.24	5
401	-48	-49	Max	0.00	0.00	1	0.00	1	0.00	1	-858.67	9	-257.29	5	506.27	13
401	-48	-49	Max	38.57	0.00	1	0.00	1	0.00	1	-459.26	9	-660.95	5	506.27	13
401	-48	-49	Min.	0.00	0.00	1	0.00	1	0.00	1	-1740.14	1	-1833.89	13	-515.24	5
401	-48	-49	Min.	38.57	0.00	1	0.00	1	0.00	1	-1264.69	1	-2263.22	13	-515.24	5
401	-49	-50	Max	0.00	0.00	1	0.00	1	0.00	1	-459.26	9	-660.95	5	506.27	13
401	-49	-50	Max	38.57	0.00	1	0.00	1	0.00	1	-44.35	9	-910.03	5	506.27	13
401	-49	-50	Min.	0.00	0.00	1	0.00	1	0.00	1	-1264.69	1	-2263.22	13	-515.24	5
401	-49	-50	Min.	38.57	0.00	1	0.00	1	0.00	1	-822.85	1	-2513.35	13	-515.24	5
401	-50	-51	Max	0.00	0.00	1	0.00	1	0.00	1	-44.35	9	-910.03	5	506.27	13
401	-50	-51	Max	37.80									-999.31	5		
401	-50	-51	Max	38.57	0.00	1	0.00	1	0.00	1	404.33	9	-999.83	5	506.27	13
401	-50	-51	Min.	0.00	0.00	1	0.00	1	0.00	1	-822.85	1	-2513.35	13	-515.24	5
401	-50	-51	Min.	35.53									-2595.49	13		
401	-50	-51	Min.	38.57	0.00	1	0.00	1	0.00	1	-426.94	1	-2594.87	13	-515.24	5
401	-51	-52	Max	0.00	0.00	1	0.00	1	0.00	1	404.34	9	-999.83	5	506.27	13
401	-51	-52	Max	27.71									-1246.25	1		
401	-51	-52	Max	38.57	0.00	1	0.00	1	0.00	1	869.86	9	-964.44	5	506.27	13
401	-51	-52	Min.	0.00	0.00	1	0.00	1	0.00	1	-426.93	1	-2594.86	13	-515.24	5
401	-51	-52	Min.	24.07									-2271.87	9		
401	-51	-52	Min.	38.57	0.00	1	0.00	1	0.00	1	-53.45	1	-2477.09	13	-515.24	5
401	-52	-53	Max	0.00	0.00	1	0.00	1	0.00	1	869.86	9	-964.44	5	506.27	13
401	-52	-53	Max	2.81									-1540.95	3		
401	-52	-53	Max	38.57	0.00	1	0.00	1	0.00	1	1363.61	13	-811.48	5	506.27	13
401	-52	-53	Min.	0.00	0.00	1	0.00	1	0.00	1	-53.46	1	-2477.09	13	-515.24	5
401	-52	-53	Min.	2.81									-1835.37	3		
401	-52	-53	Min.	38.57	0.00	1	0.00	1	0.00	1	292.78	5	-2153.31	13	-515.24	5
401	-53	-54	Max	0.00	0.00	1	0.00	1	0.00	1	1363.63	13	-811.48	5	506.27	13
401	-53	-54	Max	38.57	0.00	1	0.00	1	0.00	1	1938.51	13	-364.78	9	506.27	13
401	-53	-54	Min.	0.00	0.00	1	0.00	1	0.00	1	292.80	5	-2153.31	13	-515.24	5
401	-53	-54	Min.	38.57	0.00	1	0.00	1	0.00	1	565.12	5	-1797.84	1	-515.24	5
401	-54	-55	Max	0.00	0.00	1	0.00	1	0.00	1	1938.50	13	-364.79	9	506.27	13
401	-54	-55	Max	38.57	0.00	1	0.00	1	0.00	1	2533.24	13	324.19	9	506.27	13
401	-54	-55	Min.	0.00	0.00	1	0.00	1	0.00	1	565.11	5	-1797.85	1	-515.24	5
401	-54	-55	Min.	38.57	0.00	1	0.00	1	0.00	1	829.13	5	-1356.00	1	-515.24	5
401	-55	-56	Max	0.00	0.00	1	0.00	1	0.00	1	2533.23	13	324.19	9	506.27	13
401	-55	-56	Max	38.57	0.00	1	0.00	1	0.00	1	3149.11	13	1262.85	9	506.27	13
401	-55	-56	Min.	0.00	0.00	1	0.00	1	0.00	1	829.13	5	-1356.00	1	-515.24	5
401	-55	-56	Min.	38.57	0.00	1	0.00	1	0.00	1	1086.79	5	-829.84	1	-515.24	5
401	-56	8	Max	0.00	0.00	1	0.00	1	0.00	1	3149.17	13	1262.85	9	506.27	13
401	-56	8	Max	13.57	0.00	1	0.00	1	0.00	1	3370.85	13	1657.15	9	506.27	13

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401	-56	8	Min.	0.00	0.00	1	0.00	1	0.00	1	1086.84	5	-829.84	1	-515.24	5
401	-56	8	Min.	13.57	0.00	1	0.00	1	0.00	1	1176.20	5	-628.23	1	-515.24	5
401	8	-38	Max	0.00	0.00	1	0.00	1	0.00	1	-703.70	1	3045.81	1	506.02	13
401	8	-38	Max	34.71	0.00	1	0.00	1	0.00	1	-315.13	9	2065.33	1	506.02	13
401	8	-38	Min.	0.00	0.00	1	0.00	1	0.00	1	-3068.98	9	161.77	9	-668.63	5
401	8	-38	Min.	34.71	0.00	1	0.00	1	0.00	1	-2645.26	1	-26.58	9	-668.63	5
401	-38	-39	Max	0.00	0.00	1	0.00	1	0.00	1	-315.14	9	2065.33	1	506.02	13
401	-38	-39	Max	30.09									1242.96	9		
401	-38	-39	Max	34.71	0.00	1	0.00	1	0.00	1	97.25	9	1230.78	1	506.02	13
401	-38	-39	Min.	0.00	0.00	1	0.00	1	0.00	1	-2645.28	1	-26.58	9	-668.63	5
401	-38	-39	Min.	30.09									-78.77	9		
401	-38	-39	Min.	34.71	0.00	1	0.00	1	0.00	1	-2236.34	1	-77.53	9	-668.63	5
401	-39	-40	Max	0.00	0.00	1	0.00	1	0.00	1	97.27	9	1230.79	1	506.02	13
401	-39	-40	Max	10.64									923.75	3		
401	-39	-40	Max	34.71	0.00	1	0.00	1	0.00	1	530.57	9	542.88	1	506.02	13
401	-39	-40	Min.	0.00	0.00	1	0.00	1	0.00	1	-2236.33	1	-77.52	9	-668.63	5
401	-39	-40	Min.	6.39									14.07	11		
401	-39	-40	Min.	34.71	0.00	1	0.00	1	0.00	1	-1841.91	1	11.40	9	-668.63	5
401	-40	-41	Max	0.00	0.00	1	0.00	1	0.00	1	530.54	9	542.88	1	506.02	13
401	-40	-41	Max	25.19									184.43	15		
401	-40	-41	Max	34.71	0.00	1	0.00	1	0.00	1	1002.62	9	339.52	1	506.02	13
401	-40	-41	Min.	0.00	0.00	1	0.00	1	0.00	1	-1841.91	1	11.39	9	-668.63	5
401	-40	-41	Min.	25.19									75.31	15		
401	-40	-41	Min.	34.71	0.00	1	0.00	1	0.00	1	-1480.55	1	-96.02	9	-668.63	5
401	-41	-42	Max	0.00	0.00	1	0.00	1	0.00	1	1002.64	9	339.53	1	506.02	13
401	-41	-42	Max	32.45									134.02	7		
401	-41	-42	Max	34.71	0.00	1	0.00	1	0.00	1	1513.81	9	721.73	9	506.02	13
401	-41	-42	Min.	0.00	0.00	1	0.00	1	0.00	1	-1480.55	1	-96.02	9	-668.63	5
401	-41	-42	Min.	32.45									64.60	7		
401	-41	-42	Min.	34.71	0.00	1	0.00	1	0.00	1	-1153.60	1	-498.78	1	-668.63	5
401	-42	-43	Max	0.00	0.00	1	0.00	1	0.00	1	1513.80	9	721.73	9	506.02	13
401	-42	-43	Max	34.71	0.00	1	0.00	1	0.00	1	2048.51	9	1328.29	9	506.02	13
401	-42	-43	Min.	0.00	0.00	1	0.00	1	0.00	1	-1153.61	1	-498.78	1	-668.63	5
401	-42	-43	Min.	34.71	0.00	1	0.00	1	0.00	1	-845.36	1	-834.08	1	-668.63	5
401	-43	33	Max	0.00	0.00	1	0.00	1	0.00	1	2048.52	9	1328.29	9	506.02	13
401	-43	33	Max	23.29									1600.91	11		
401	-43	33	Max	34.71	0.00	1	0.00	1	0.00	1	2597.10	9	2126.84	9	506.02	13
401	-43	33	Min.	0.00	0.00	1	0.00	1	0.00	1	-845.37	1	-834.08	1	-668.63	5
401	-43	33	Min.	23.29									-624.71	11		
401	-43	33	Min.	34.71	0.00	1	0.00	1	0.00	1	-547.12	1	-1068.15	1	-668.63	5
402	-18	36	Max	0.00	0.00	1	0.00	1	0.00	1	3535.35	9	2181.87	9	232.36	9
402	-18	36	Max	37.31	0.00	1	0.00	1	0.00	1	4202.37	9	3576.05	9	232.36	9
402	-18	36	Min.	0.00	0.00	1	0.00	1	0.00	1	234.18	1	-1861.00	1	-714.49	1
402	-18	36	Min.	37.31	0.00	1	0.00	1	0.00	1	504.33	1	-1674.00	1	-714.49	1
402	-17	-18	Max	0.00	0.00	1	0.00	1	0.00	1	2879.25	9	1036.55	9	232.36	9
402	-17	-18	Max	37.31	0.00	1	0.00	1	0.00	1	3535.34	9	2181.87	9	232.36	9
402	-17	-18	Min.	0.00	0.00	1	0.00	1	0.00	1	-47.28	1	-1947.10	1	-714.49	1
402	-17	-18	Min.	37.31	0.00	1	0.00	1	0.00	1	234.18	1	-1861.00	1	-714.49	1
402	-16	-17	Max	0.00	0.00	1	0.00	1	0.00	1	2237.72	9	128.82	9	232.36	9
402	-16	-17	Max	26.97									663.39	1		
402	-16	-17	Max	37.31	0.00	1	0.00	1	0.00	1	2879.27	9	1036.55	9	232.36	9
402	-16	-17	Min.	0.00	0.00	1	0.00	1	0.00	1	-344.21	1	-1920.92	1	-714.49	1
402	-16	-17	Min.	26.97									-1951.51	1		
402	-16	-17	Min.	37.31	0.00	1	0.00	1	0.00	1	-47.29	1	-1947.11	1	-714.49	1
402	-15	-16	Max	0.00	0.00	1	0.00	1	0.00	1	1614.01	9	-482.95	13	232.36	9
402	-15	-16	Max	37.31	0.00	1	0.00	1	0.00	1	2237.74	9	128.83	9	232.36	9
402	-15	-16	Min.	0.00	0.00	1	0.00	1	0.00	1	-662.14	1	-1840.08	5	-714.49	1
402	-15	-16	Min.	37.31	0.00	1	0.00	1	0.00	1	-344.21	1	-1920.92	1	-714.49	1
402	-14	-15	Max	0.00	0.00	1	0.00	1	0.00	1	1011.45	9	-649.14	5	232.36	9
402	-14	-15	Max	27.24									-547.08	5		
402	-14	-15	Max	37.31	0.00	1	0.00	1	0.00	1	1613.97	9	-482.95	13	232.36	9
402	-14	-15	Min.	0.00	0.00	1	0.00	1	0.00	1	-1007.88	1	-1852.38	13	-714.49	1
402	-14	-15	Min.	16.52									-1865.51	13		
402	-14	-15	Min.	37.31	0.00	1	0.00	1	0.00	1	-662.10	1	-1840.08	5	-714.49	1
402	-13	-14	Max	0.00	0.00	1	0.00	1	0.00	1	430.37	9	-541.75	5	232.36	9
402	-13	-14	Max	36.56									-743.02	7		
402	-13	-14	Max	37.31	0.00	1	0.00	1	0.00	1	1011.48	9	-649.14	5	232.36	9
402	-13	-14	Min.	0.00	0.00	1	0.00	1	0.00	1	-1385.87	1	-1782.60	13	-714.49	1
402	-13	-14	Min.	32.75									-1760.64	15		
402	-13	-14	Min.	37.31	0.00	1	0.00	1	0.00	1	-1007.90	1	-1852.38	13	-714.49	1
402	-12	-13	Max	0.00	0.00	1	0.00	1	0.00	1	-134.89	9	-174.78	1	232.36	9
402	-12	-13	Max	27.15									-574.63	1		
402	-12	-13	Max	37.31	0.00	1	0.00	1	0.00	1	430.37	9	-541.75	5	232.36	9
402	-12	-13	Min.	0.00	0.00	1	0.00	1	0.00	1	-1794.53	1	-1611.93	9	-714.49	1
402	-12	-13	Min.	20.49									-1642.47	9		
402	-12	-13	Min.	37.31	0.00	1	0.00	1	0.00	1	-1385.87	1	-1782.60	13	-714.49	1
402	-11	-12	Max	0.00	0.00	1	0.00	1	0.00	1	-690.94	9	509.83	1	232.36	9
402	-11	-12	Max	37.31	0.00	1	0.00	1	0.00	1	-134.88	9	-174.78	1	232.36	9
402	-11	-12	Min.	0.00	0.00	1	0.00	1	0.00	1	-2230.69	1	-1392.24	9	-714.49	1

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402	-11	-12	Min.	37.31	0.00	1	0.00	1	0.00	1	-1794.52	1	-1611.93	9	-714.49	1
402	-10	-11	Max	0.00	0.00	1	0.00	1	0.00	1	-1242.45	9	1356.71	1	232.36	9
402	-10	-11	Max	37.31	0.00	1	0.00	1	0.00	1	-690.95	9	509.83	1	232.36	9
402	-10	-11	Min.	0.00	0.00	1	0.00	1	0.00	1	-2691.99	1	-960.88	9	-714.49	1
402	-10	-11	Min.	37.31	0.00	1	0.00	1	0.00	1	-2230.70	1	-1392.23	9	-714.49	1
402	-9	-10	Max	0.00	0.00	1	0.00	1	0.00	1	-1792.25	9	2387.98	1	232.36	9
402	-9	-10	Max	37.31	0.00	1	0.00	1	0.00	1	-1242.46	9	1356.71	1	232.36	9
402	-9	-10	Min.	0.00	0.00	1	0.00	1	0.00	1	-3176.02	1	-332.08	9	-714.49	1
402	-9	-10	Min.	37.31	0.00	1	0.00	1	0.00	1	-2692.00	1	-960.88	9	-714.49	1
402	-8	-9	Max	0.00	0.00	1	0.00	1	0.00	1	-2249.40	13	3627.72	1	232.36	9
402	-8	-9	Max	37.31	0.00	1	0.00	1	0.00	1	-1792.24	9	2387.98	1	232.36	9
402	-8	-9	Min.	0.00	0.00	1	0.00	1	0.00	1	-3771.58	5	477.59	9	-714.49	1
402	-8	-9	Min.	37.31	0.00	1	0.00	1	0.00	1	-3176.00	1	-332.07	9	-714.49	1
402	-7	-8	Max	0.00	0.00	1	0.00	1	0.00	1	-2708.25	13	5075.52	1	232.36	9
402	-7	-8	Max	37.31	0.00	1	0.00	1	0.00	1	-2249.42	13	3627.72	1	232.36	9
402	-7	-8	Min.	0.00	0.00	1	0.00	1	0.00	1	-4379.14	5	1474.65	9	-714.49	1
402	-7	-8	Min.	37.31	0.00	1	0.00	1	0.00	1	-3771.58	5	477.58	9	-714.49	1
402	6	-7	Max	12.50	0.00	1	0.00	1	0.00	1	-3013.40	13	6149.98	1	232.36	9
402	6	-7	Max	37.31	0.00	1	0.00	1	0.00	1	-2708.29	13	5075.51	1	232.36	9
402	6	-7	Min.	12.50	0.00	1	0.00	1	0.00	1	-4786.49	5	2246.79	9	-714.49	1
402	6	-7	Min.	37.31	0.00	1	0.00	1	0.00	1	-4379.19	5	1474.64	9	-714.49	1
402	-31	6	Max	0.00	0.00	1	0.00	1	0.00	1	4207.71	9	4225.36	9	483.96	9
402	-31	6	Max	26.07	0.00	1	0.00	1	0.00	1	4629.62	9	5335.14	9	483.96	9
402	-31	6	Min.	0.00	0.00	1	0.00	1	0.00	1	2872.26	1	1910.32	1	-399.47	1
402	-31	6	Min.	26.07	0.00	1	0.00	1	0.00	1	3195.82	1	2743.38	1	-399.47	1
402	-30	-31	Max	0.00	0.00	1	0.00	1	0.00	1	3591.90	9	2792.86	9	483.96	9
402	-30	-31	Max	38.57	0.00	1	0.00	1	0.00	1	4207.76	9	4225.36	9	483.96	9
402	-30	-31	Min.	0.00	0.00	1	0.00	1	0.00	1	2396.50	1	823.13	1	-399.47	1
402	-30	-31	Min.	38.57	0.00	1	0.00	1	0.00	1	2872.30	1	1910.32	1	-399.47	1
402	-29	-30	Max	0.00	0.00	1	0.00	1	0.00	1	2991.63	9	1586.31	9	483.96	9
402	-29	-30	Max	38.57	0.00	1	0.00	1	0.00	1	3591.88	9	2792.86	9	483.96	9
402	-29	-30	Min.	0.00	0.00	1	0.00	1	0.00	1	1926.35	1	-72.83	1	-399.47	1
402	-29	-30	Min.	38.57	0.00	1	0.00	1	0.00	1	2396.50	1	823.13	1	-399.47	1
402	-28	-29	Max	0.00	0.00	1	0.00	1	0.00	1	2411.30	9	596.87	13	483.96	9
402	-28	-29	Max	38.57	0.00	1	0.00	1	0.00	1	2991.64	9	1586.31	9	483.96	9
402	-28	-29	Min.	0.00	0.00	1	0.00	1	0.00	1	1462.08	1	-778.36	5	-399.47	1
402	-28	-29	Min.	38.57	0.00	1	0.00	1	0.00	1	1926.36	1	-72.83	1	-399.47	1
402	-27	-28	Max	0.00	0.00	1	0.00	1	0.00	1	1856.32	9	-70.90	13	483.96	9
402	-27	-28	Max	38.57	0.00	1	0.00	1	0.00	1	2411.30	9	596.87	13	483.96	9
402	-27	-28	Min.	0.00	0.00	1	0.00	1	0.00	1	1000.01	1	-1407.55	5	-399.47	1
402	-27	-28	Min.	38.57	0.00	1	0.00	1	0.00	1	1462.08	1	-778.36	5	-399.47	1
402	-26	-27	Max	0.00	0.00	1	0.00	1	0.00	1	1343.41	9	-577.68	13	483.96	9
402	-26	-27	Max	38.57	0.00	1	0.00	1	0.00	1	1856.31	9	-70.90	13	483.96	9
402	-26	-27	Min.	0.00	0.00	1	0.00	1	0.00	1	521.58	1	-1810.49	5	-399.47	1
402	-26	-27	Min.	38.57	0.00	1	0.00	1	0.00	1	1000.00	1	-1407.55	5	-399.47	1
402	-25	-26	Max	0.00	0.00	1	0.00	1	0.00	1	874.87	9	-928.62	13	483.96	9
402	-25	-26	Max	38.57	0.00	1	0.00	1	0.00	1	1343.41	9	-577.69	13	483.96	9
402	-25	-26	Min.	0.00	0.00	1	0.00	1	0.00	1	20.92	1	-1991.34	5	-399.47	1
402	-25	-26	Min.	38.57	0.00	1	0.00	1	0.00	1	521.57	1	-1810.49	5	-399.47	1
402	-24	-25	Max	0.00	0.00	1	0.00	1	0.00	1	431.24	9	-1094.30	13	483.96	9
402	-24	-25	Max	13.71									-1059.25	13		
402	-24	-25	Max	38.57	0.00	1	0.00	1	0.00	1	874.87	9	-928.62	13	483.96	9
402	-24	-25	Min.	0.00	0.00	1	0.00	1	0.00	1	-487.47	1	-1987.11	5	-399.47	1
402	-24	-25	Min.	19.79									-2008.58	5		
402	-24	-25	Min.	38.57	0.00	1	0.00	1	0.00	1	20.93	1	-1991.34	5	-399.47	1
402	-23	-24	Max	0.00	0.00	1	0.00	1	0.00	1	27.10	13	-1084.24	5	483.96	9
402	-23	-24	Max	19.39									-1247.02	9		
402	-23	-24	Max	38.57	0.00	1	0.00	1	0.00	1	431.23	9	-1094.30	13	483.96	9
402	-23	-24	Min.	0.00	0.00	1	0.00	1	0.00	1	-1023.84	5	-1793.82	13	-399.47	1
402	-23	-24	Min.	25.42									-1780.67	1		
402	-23	-24	Min.	38.57	0.00	1	0.00	1	0.00	1	-487.48	1	-1987.11	5	-399.47	1
402	-22	-23	Max	0.00	0.00	1	0.00	1	0.00	1	-310.13	13	-744.11	1	483.96	9
402	-22	-23	Max	38.57	0.00	1	0.00	1	0.00	1	27.10	13	-1084.24	5	483.96	9
402	-22	-23	Min.	0.00	0.00	1	0.00	1	0.00	1	-1621.13	5	-1569.18	9	-399.47	1
402	-22	-23	Min.	38.57	0.00	1	0.00	1	0.00	1	-1023.84	5	-1793.82	13	-399.47	1
402	-21	-22	Max	0.00	0.00	1	0.00	1	0.00	1	-636.27	13	-118.28	1	483.96	9
402	-21	-22	Max	38.57	0.00	1	0.00	1	0.00	1	-310.14	13	-744.11	1	483.96	9
402	-21	-22	Min.	0.00	0.00	1	0.00	1	0.00	1	-2228.65	5	-1269.85	9	-399.47	1
402	-21	-22	Min.	38.57	0.00	1	0.00	1	0.00	1	-1621.12	5	-1569.18	9	-399.47	1
402	-20	-21	Max	0.00	0.00	1	0.00	1	0.00	1	-953.51	13	771.15	1	483.96	9
402	-20	-21	Max	38.57	0.00	1	0.00	1	0.00	1	-636.27	13	-118.28	1	483.96	9
402	-20	-21	Min.	0.00	0.00	1	0.00	1	0.00	1	-2847.19	5	-873.93	9	-399.47	1
402	-20	-21	Min.	38.57	0.00	1	0.00	1	0.00	1	-2228.64	5	-1269.85	9	-399.47	1
402	-19	-20	Max	0.00	0.00	1	0.00	1	0.00	1	-1263.67	13	1878.19	1	483.96	9
402	-19	-20	Max	38.57	0.00	1	0.00	1	0.00	1	-953.52	13	771.15	1	483.96	9
402	-19	-20	Min.	0.00	0.00	1	0.00	1	0.00	1	-3476.60	5	-333.96	9	-399.47	1
402	-19	-20	Min.	38.57	0.00	1	0.00	1	0.00	1	-2847.21	5	-873.93	9	-399.47	1
402	7	-19	Max	25.00	0.00	1	0.00	1	0.00	1	-1371.22	13	2319.06	1	483.96	9
402	7	-19	Max	38.57	0.00	1	0.00	1	0.00	1	-1263.58	13	1878.20	1	483.96	9

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402	7	-19	Min.	25.00	0.00	1	0.00	1	0.00	1	-3700.15	5	-109.10	9	-399.47	1
402	7	-19	Min.	38.57	0.00	1	0.00	1	0.00	1	-3476.49	5	-333.94	9	-399.47	1
402	-37	7	Max	0.00	0.00	1	0.00	1	0.00	1	3212.00	9	3030.04	9	1221.28	5
402	-37	7	Max	34.71	0.00	1	0.00	1	0.00	1	3622.58	9	4214.92	9	1221.28	5
402	-37	7	Min.	0.00	0.00	1	0.00	1	0.00	1	482.96	1	221.27	1	-575.75	13
402	-37	7	Min.	34.71	0.00	1	0.00	1	0.00	1	920.55	1	466.05	1	-575.75	13
402	-36	-37	Max	0.00	0.00	1	0.00	1	0.00	1	2817.81	9	1984.30	9	1221.28	5
402	-36	-37	Max	34.71	0.00	1	0.00	1	0.00	1	3212.00	9	3030.04	9	1221.28	5
402	-36	-37	Min.	0.00	0.00	1	0.00	1	0.00	1	32.80	1	130.88	1	-575.75	13
402	-36	-37	Min.	34.71	0.00	1	0.00	1	0.00	1	482.96	1	221.27	1	-575.75	13
402	-35	-36	Max	0.00	0.00	1	0.00	1	0.00	1	2451.75	9	1078.10	9	1221.28	5
402	-35	-36	Max	31.79									1844.56	1		
402	-35	-36	Max	34.71	0.00	1	0.00	1	0.00	1	2817.78	9	1984.30	9	1221.28	5
402	-35	-36	Min.	0.00	0.00	1	0.00	1	0.00	1	-437.58	1	193.06	1	-575.75	13
402	-35	-36	Min.	31.79									130.33	1		
402	-35	-36	Min.	34.71	0.00	1	0.00	1	0.00	1	32.79	1	130.88	1	-575.75	13
402	-34	-35	Max	0.00	0.00	1	0.00	1	0.00	1	2118.29	9	562.62	5	1221.28	5
402	-34	-35	Max	34.71	0.00	1	0.00	1	0.00	1	2451.79	9	1078.10	9	1221.28	5
402	-34	-35	Min.	0.00	0.00	1	0.00	1	0.00	1	-930.69	1	153.03	13	-575.75	13
402	-34	-35	Min.	34.71	0.00	1	0.00	1	0.00	1	-437.58	1	193.06	1	-575.75	13
402	-33	-34	Max	0.00	0.00	1	0.00	1	0.00	1	1811.77	9	901.15	1	1221.28	5
402	-33	-34	Max	34.71	0.00	1	0.00	1	0.00	1	2118.28	9	562.62	5	1221.28	5
402	-33	-34	Min.	0.00	0.00	1	0.00	1	0.00	1	-1439.17	1	-455.93	9	-575.75	13
402	-33	-34	Min.	34.71	0.00	1	0.00	1	0.00	1	-930.69	1	153.03	13	-575.75	13
402	-32	-33	Max	0.00	0.00	1	0.00	1	0.00	1	1525.66	9	1489.36	1	1221.28	5
402	-32	-33	Max	22.03									378.19	7		
402	-32	-33	Max	34.71	0.00	1	0.00	1	0.00	1	1811.78	9	901.15	1	1221.28	5
402	-32	-33	Min.	0.00	0.00	1	0.00	1	0.00	1	-1956.12	1	-1033.73	9	-575.75	13
402	-32	-33	Min.	22.03									135.97	7		
402	-32	-33	Min.	34.71	0.00	1	0.00	1	0.00	1	-1439.18	1	-455.93	9	-575.75	13
402	32	-32	Max	0.00	0.00	1	0.00	1	0.00	1	1255.97	9	2258.49	1	1221.28	5
402	32	-32	Max	32.32									305.49	15		
402	32	-32	Max	34.71	0.00	1	0.00	1	0.00	1	1525.67	9	1489.36	1	1221.28	5
402	32	-32	Min.	0.00	0.00	1	0.00	1	0.00	1	-2476.47	1	-1515.96	9	-575.75	13
402	32	-32	Min.	32.32									15.86	15		
402	32	-32	Min.	34.71	0.00	1	0.00	1	0.00	1	-1956.13	1	-1033.73	9	-575.75	13
405	5	-69	Max	25.00	0.00	1	0.00	1	0.00	1	150.73	13	2176.44	5	21.53	1
405	5	-69	Max	29.69	0.00	1	0.00	1	0.00	1	174.17	13	2093.06	5	21.53	1
405	5	-69	Min.	25.00	0.00	1	0.00	1	0.00	1	-1790.51	5	-1759.82	13	-6.70	9
405	5	-69	Min.	29.69	0.00	1	0.00	1	0.00	1	-1768.76	5	-1752.25	13	-6.70	9
405	-69	-70	Max	0.00	0.00	1	0.00	1	0.00	1	174.29	13	2093.07	5	21.53	1
405	-69	-70	Max	1.53									1827.59	7		
405	-69	-70	Max	29.69	0.00	1	0.00	1	0.00	1	309.53	13	1589.25	5	21.53	1
405	-69	-70	Min.	0.00	0.00	1	0.00	1	0.00	1	-1768.65	5	-1752.24	13	-6.70	9
405	-69	-70	Min.	1.53									-1445.87	7		
405	-69	-70	Min.	29.69	0.00	1	0.00	1	0.00	1	-1626.23	5	-1680.17	13	-6.70	9
405	-70	-71	Max	0.00	0.00	1	0.00	1	0.00	1	309.53	13	1589.25	5	21.53	1
405	-70	-71	Max	29.69	0.00	1	0.00	1	0.00	1	426.50	13	1128.35	5	21.53	1
405	-70	-71	Min.	0.00	0.00	1	0.00	1	0.00	1	-1626.23	5	-1680.17	13	-6.70	9
405	-70	-71	Min.	29.69	0.00	1	0.00	1	0.00	1	-1480.47	5	-1570.80	13	-6.70	9
405	-71	-72	Max	0.00	0.00	1	0.00	1	0.00	1	426.50	13	1128.35	5	21.53	1
405	-71	-72	Max	7.89									317.35	9		
405	-71	-72	Max	29.69	0.00	1	0.00	1	0.00	1	531.21	13	710.60	5	21.53	1
405	-71	-72	Min.	0.00	0.00	1	0.00	1	0.00	1	-1480.47	5	-1570.80	13	-6.70	9
405	-71	-72	Min.	7.89									-883.14	9		
405	-71	-72	Min.	29.69	0.00	1	0.00	1	0.00	1	-1336.38	5	-1428.69	13	-6.70	9
405	-72	-73	Max	0.00	0.00	1	0.00	1	0.00	1	531.20	13	710.60	5	21.53	1
405	-72	-73	Max	29.69	0.00	1	0.00	1	0.00	1	629.17	13	335.01	5	21.53	1
405	-72	-73	Min.	0.00	0.00	1	0.00	1	0.00	1	-1336.37	5	-1428.69	13	-6.70	9
405	-72	-73	Min.	29.69	0.00	1	0.00	1	0.00	1	-1197.33	5	-1256.71	13	-6.70	9
405	-73	-74	Max	0.00	0.00	1	0.00	1	0.00	1	629.17	13	335.01	5	21.53	1
405	-73	-74	Max	29.69	0.00	1	0.00	1	0.00	1	725.35	13	-0.02	5	21.53	1
405	-73	-74	Min.	0.00	0.00	1	0.00	1	0.00	1	-1197.32	5	-1256.70	13	-6.70	9
405	-73	-74	Min.	29.69	0.00	1	0.00	1	0.00	1	-1065.25	5	-1056.29	13	-6.70	9
405	-74	-75	Max	0.00	0.00	1	0.00	1	0.00	1	725.35	13	-0.02	5	21.53	1
405	-74	-75	Max	23.46									-503.52	3		
405	-74	-75	Max	29.69	0.00	1	0.00	1	0.00	1	824.01	13	-295.33	5	21.53	1
405	-74	-75	Min.	0.00	0.00	1	0.00	1	0.00	1	-1065.25	5	-1056.29	13	-6.70	9
405	-74	-75	Min.	19.32									-612.25	11		
405	-74	-75	Min.	29.69	0.00	1	0.00	1	0.00	1	-940.75	5	-828.69	13	-6.70	9
405	-75	-76	Max	0.00	0.00	1	0.00	1	0.00	1	824.01	13	-295.33	5	21.53	1
405	-75	-76	Max	29.69	0.00	1	0.00	1	0.00	1	928.61	13	-517.07	1	21.53	1
405	-75	-76	Min.	0.00	0.00	1	0.00	1	0.00	1	-940.76	5	-828.69	13	-6.70	9
405	-75	-76	Min.	29.69	0.00	1	0.00	1	0.00	1	-823.27	5	-608.67	9	-6.70	9
405	-76	-77	Max	0.00	0.00	1	0.00	1	0.00	1	928.61	13	-517.07	1	21.53	1
405	-76	-77	Max	1.86									-520.77	3		
405	-76	-77	Max	29.69	0.00	1	0.00	1	0.00	1	1041.73	13	-272.00	13	21.53	1
405	-76	-77	Min.	0.00	0.00	1	0.00	1	0.00	1	-823.27	5	-608.67	9	-6.70	9
405	-76	-77	Min.	1.60									-603.00	11		

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405	-76	-77	Min.	29.69	0.00	1	0.00	1	0.00	1	-711.21	5	-789.16	5	-6.70	9
405	-77	-78	Max	0.00	0.00	1	0.00	1	0.00	1	1041.72	13	-272.00	13	21.53	1
405	-77	-78	Max	29.69	0.00	1	0.00	1	0.00	1	1164.89	13	54.65	13	21.53	1
405	-77	-78	Min.	0.00	0.00	1	0.00	1	0.00	1	-711.20	5	-789.16	5	-6.70	9
405	-77	-78	Min.	29.69	0.00	1	0.00	1	0.00	1	-602.05	5	-983.43	5	-6.70	9
405	-78	-79	Max	0.00	0.00	1	0.00	1	0.00	1	1164.89	13	54.65	13	21.53	1
405	-78	-79	Max	29.69	0.00	1	0.00	1	0.00	1	1298.51	13	419.72	13	21.53	1
405	-78	-79	Min.	0.00	0.00	1	0.00	1	0.00	1	-602.05	5	-983.43	5	-6.70	9
405	-78	-79	Min.	29.69	0.00	1	0.00	1	0.00	1	-492.54	5	-1145.62	5	-6.70	9
405	-79	-80	Max	0.00	0.00	1	0.00	1	0.00	1	1298.51	13	419.72	13	21.53	1
405	-79	-80	Max	6.31									85.46	1		
405	-79	-80	Max	29.69	0.00	1	0.00	1	0.00	1	1441.70	13	825.99	13	21.53	1
405	-79	-80	Min.	0.00	0.00	1	0.00	1	0.00	1	-492.54	5	-1145.62	5	-6.70	9
405	-79	-80	Min.	6.31									-772.40	1		
405	-79	-80	Min.	29.69	0.00	1	0.00	1	0.00	1	-378.73	5	-1274.85	5	-6.70	9
405	-80	-81	Max	0.00	0.00	1	0.00	1	0.00	1	1441.70	13	825.99	13	21.53	1
405	-80	-81	Max	29.69	0.00	1	0.00	1	0.00	1	1592.17	13	1275.97	13	21.53	1
405	-80	-81	Min.	0.00	0.00	1	0.00	1	0.00	1	-378.73	5	-1274.85	5	-6.70	9
405	-80	-81	Min.	29.69	0.00	1	0.00	1	0.00	1	-256.13	5	-1369.14	5	-6.70	9
405	-81	-82	Max	0.00	0.00	1	0.00	1	0.00	1	1592.16	13	1275.97	13	21.53	1
405	-81	-82	Max	29.69	0.00	1	0.00	1	0.00	1	1746.01	13	1771.24	13	21.53	1
405	-81	-82	Min.	0.00	0.00	1	0.00	1	0.00	1	-256.13	5	-1369.14	5	-6.70	9
405	-81	-82	Min.	29.69	0.00	1	0.00	1	0.00	1	-119.88	5	-1425.14	5	-6.70	9
405	-82	-83	Max	0.00	0.00	1	0.00	1	0.00	1	1746.01	13	1771.24	13	21.53	1
405	-82	-83	Max	23.13									2154.63	5		
405	-82	-83	Max	29.69	0.00	1	0.00	1	0.00	1	1897.63	13	2312.01	13	21.53	1
405	-82	-83	Min.	0.00	0.00	1	0.00	1	0.00	1	-119.88	5	-1425.14	5	-6.70	9
405	-82	-83	Min.	23.13									-1439.18	5		
405	-82	-83	Min.	29.69	0.00	1	0.00	1	0.00	1	35.19	5	-1438.01	5	-6.70	9
405	-83	6	Max	0.00	0.00	1	0.00	1	0.00	1	1897.38	13	2312.01	13	21.53	1
405	-83	6	Max	4.69	0.00	1	0.00	1	0.00	1	1920.64	13	2401.45	13	21.53	1
405	-83	6	Min.	0.00	0.00	1	0.00	1	0.00	1	35.14	5	-1438.01	5	-6.70	9
405	-83	6	Min.	4.69	0.00	1	0.00	1	0.00	1	61.69	5	-1435.71	5	-6.70	9
406	8	-84	Max	25.00	0.00	1	0.00	1	0.00	1	209.54	13	2283.98	5	29.90	5
406	8	-84	Max	29.69	0.00	1	0.00	1	0.00	1	234.69	13	2204.86	5	29.90	5
406	8	-84	Min.	25.00	0.00	1	0.00	1	0.00	1	-1697.17	5	-1907.78	13	-64.16	13
406	8	-84	Min.	29.69	0.00	1	0.00	1	0.00	1	-1681.05	5	-1897.42	13	-64.16	13
406	-84	-85	Max	0.00	0.00	1	0.00	1	0.00	1	234.59	13	2204.85	5	29.90	5
406	-84	-85	Max	29.69	0.00	1	0.00	1	0.00	1	377.80	13	1722.08	5	29.90	5
406	-84	-85	Min.	0.00	0.00	1	0.00	1	0.00	1	-1681.13	5	-1897.42	13	-64.16	13
406	-84	-85	Min.	29.69	0.00	1	0.00	1	0.00	1	-1571.44	5	-1806.19	13	-64.16	13
406	-85	-86	Max	0.00	0.00	1	0.00	1	0.00	1	377.80	13	1722.08	5	29.90	5
406	-85	-86	Max	29.69	0.00	1	0.00	1	0.00	1	498.44	13	1273.14	5	29.90	5
406	-85	-86	Min.	0.00	0.00	1	0.00	1	0.00	1	-1571.45	5	-1806.19	13	-64.16	13
406	-85	-86	Min.	29.69	0.00	1	0.00	1	0.00	1	-1453.92	5	-1675.90	13	-64.16	13
406	-86	-87	Max	0.00	0.00	1	0.00	1	0.00	1	498.43	13	1273.14	5	29.90	5
406	-86	-87	Max	10.77									194.24	9		
406	-86	-87	Max	29.69	0.00	1	0.00	1	0.00	1	602.90	13	859.53	5	29.90	5
406	-86	-87	Min.	0.00	0.00	1	0.00	1	0.00	1	-1453.91	5	-1675.90	13	-64.16	13
406	-86	-87	Min.	10.77									-871.57	9		
406	-86	-87	Min.	29.69	0.00	1	0.00	1	0.00	1	-1334.07	5	-1512.34	13	-64.16	13
406	-87	-88	Max	0.00	0.00	1	0.00	1	0.00	1	602.90	13	859.53	5	29.90	5
406	-87	-88	Max	15.07									96.03	1		
406	-87	-88	Max	29.69	0.00	1	0.00	1	0.00	1	697.10	13	481.32	5	29.90	5
406	-87	-88	Min.	0.00	0.00	1	0.00	1	0.00	1	-1334.08	5	-1512.34	13	-64.16	13
406	-87	-88	Min.	15.07									-715.70	1		
406	-87	-88	Min.	29.69	0.00	1	0.00	1	0.00	1	-1215.86	5	-1319.40	13	-64.16	13
406	-88	-89	Max	0.00	0.00	1	0.00	1	0.00	1	697.10	13	481.32	5	29.90	5
406	-88	-89	Max	14.96									-392.49	11		
406	-88	-89	Max	29.69	0.00	1	0.00	1	0.00	1	786.26	13	137.68	5	29.90	5
406	-88	-89	Min.	0.00	0.00	1	0.00	1	0.00	1	-1215.86	5	-1319.40	13	-64.16	13
406	-88	-89	Min.	14.96									-615.08	11		
406	-88	-89	Min.	29.69	0.00	1	0.00	1	0.00	1	-1101.75	5	-1099.41	13	-64.16	13
406	-89	-90	Max	0.00	0.00	1	0.00	1	0.00	1	786.25	13	137.68	5	29.90	5
406	-89	-90	Max	20.78									-418.67	3		
406	-89	-90	Max	29.69	0.00	1	0.00	1	0.00	1	874.85	13	-172.72	5	29.90	5
406	-89	-90	Min.	0.00	0.00	1	0.00	1	0.00	1	-1101.74	5	-1099.41	13	-64.16	13
406	-89	-90	Min.	20.78									-536.58	3		
406	-89	-90	Min.	29.69	0.00	1	0.00	1	0.00	1	-992.88	5	-853.25	13	-64.16	13
406	-90	-91	Max	0.00	0.00	1	0.00	1	0.00	1	874.85	13	-172.72	5	29.90	5
406	-90	-91	Max	29.69	0.00	1	0.00	1	0.00	1	966.51	13	-450.40	5	29.90	5
406	-90	-91	Min.	0.00	0.00	1	0.00	1	0.00	1	-992.88	5	-853.25	13	-64.16	13
406	-90	-91	Min.	29.69	0.00	1	0.00	1	0.00	1	-889.23	5	-581.61	13	-64.16	13
406	-91	-92	Max	0.00	0.00	1	0.00	1	0.00	1	966.51	13	-450.40	5	29.90	5
406	-91	-92	Max	5.94									-504.28	11		
406	-91	-92	Max	29.69	0.00	1	0.00	1	0.00	1	1063.90	13	-277.28	13	29.90	5
406	-91	-92	Min.	0.00	0.00	1	0.00	1	0.00	1	-889.23	5	-581.61	13	-64.16	13
406	-91	-92	Min.	5.94									-527.48	11		
406	-91	-92	Min.	29.69	0.00	1	0.00	1	0.00	1	-789.63	5	-702.63	5	-64.16	13

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406	-92	-93	Max	0.00	0.00	1	0.00	1	0.00	1	1063.90	13	-277.28	13	29.90	5
406	-92	-93	Max	19.22									-418.04	3		
406	-92	-93	Max	29.69	0.00	1	0.00	1	0.00	1	1168.60	13	53.13	13	29.90	5
406	-92	-93	Min.	0.00	0.00	1	0.00	1	0.00	1	-789.62	5	-702.63	5	-64.16	13
406	-92	-93	Min.	19.22									-541.05	3		
406	-92	-93	Min.	29.69	0.00	1	0.00	1	0.00	1	-691.96	5	-921.76	5	-64.16	13
406	-93	-94	Max	0.00	0.00	1	0.00	1	0.00	1	1168.61	13	53.13	13	29.90	5
406	-93	-94	Max	19.48									-82.08	9		
406	-93	-94	Max	29.69	0.00	1	0.00	1	0.00	1	1281.07	13	416.25	13	29.90	5
406	-93	-94	Min.	0.00	0.00	1	0.00	1	0.00	1	-691.97	5	-921.76	5	-64.16	13
406	-93	-94	Min.	19.48									-601.33	9		
406	-93	-94	Min.	29.69	0.00	1	0.00	1	0.00	1	-593.25	5	-1112.29	5	-64.16	13
406	-94	-95	Max	0.00	0.00	1	0.00	1	0.00	1	1281.07	13	416.25	13	29.90	5
406	-94	-95	Max	22.97									63.79	1		
406	-94	-95	Max	29.69	0.00	1	0.00	1	0.00	1	1400.42	13	813.88	13	29.90	5
406	-94	-95	Min.	0.00	0.00	1	0.00	1	0.00	1	-593.25	5	-1112.29	5	-64.16	13
406	-94	-95	Min.	22.97									-699.83	1		
406	-94	-95	Min.	29.69	0.00	1	0.00	1	0.00	1	-489.73	5	-1272.96	5	-64.16	13
406	-95	-96	Max	0.00	0.00	1	0.00	1	0.00	1	1400.43	13	813.88	13	29.90	5
406	-95	-96	Max	29.69	0.00	1	0.00	1	0.00	1	1524.40	13	1247.71	13	29.90	5
406	-95	-96	Min.	0.00	0.00	1	0.00	1	0.00	1	-489.74	5	-1272.96	5	-64.16	13
406	-95	-96	Min.	29.69	0.00	1	0.00	1	0.00	1	-377.01	5	-1401.66	5	-64.16	13
406	-96	-97	Max	0.00	0.00	1	0.00	1	0.00	1	1524.41	13	1247.71	13	29.90	5
406	-96	-97	Max	29.69	0.00	1	0.00	1	0.00	1	1649.22	13	1718.54	13	29.90	5
406	-96	-97	Min.	0.00	0.00	1	0.00	1	0.00	1	-377.01	5	-1401.66	5	-64.16	13
406	-96	-97	Min.	29.69	0.00	1	0.00	1	0.00	1	-250.16	5	-1494.88	5	-64.16	13
406	-97	-98	Max	0.00	0.00	1	0.00	1	0.00	1	1649.23	13	1718.54	13	29.90	5
406	-97	-98	Max	28.00									2196.01	13		
406	-97	-98	Max	29.69	0.00	1	0.00	1	0.00	1	1769.43	13	2225.86	13	29.90	5
406	-97	-98	Min.	0.00	0.00	1	0.00	1	0.00	1	-250.15	5	-1494.88	5	-64.16	13
406	-97	-98	Min.	28.00									-1320.37	13		
406	-97	-98	Min.	29.69	0.00	1	0.00	1	0.00	1	-103.84	5	-1547.63	5	-64.16	13
406	-98	7	Max	0.00	0.00	1	0.00	1	0.00	1	1769.48	13	2225.86	13	29.90	5
406	-98	7	Max	4.69	0.00	1	0.00	1	0.00	1	1787.56	13	2309.16	13	29.90	5
406	-98	7	Min.	0.00	0.00	1	0.00	1	0.00	1	-103.87	5	-1547.63	5	-64.16	13
406	-98	7	Min.	4.69	0.00	1	0.00	1	0.00	1	-78.61	5	-1551.85	5	-64.16	13
602	102	56	Max	0.00	0.00	1	5.62	1	38.18	9	419.18	9	89.87	1	194.66	1
602	102	56	Max	17.31					23.48	3			42.82	3		
602	102	56	Max	41.00	0.00	1	9.20	1	27.39	9	316.74	9	49.38	1	194.66	1
602	102	56	Min.	0.00	0.00	1	-28.33	9	-17.23	1	-51.48	1	-228.11	9	-360.20	9
602	102	56	Min.	19.59					-6.20	11			-118.57	11		
602	102	56	Min.	41.00	0.00	1	-24.75	9	-14.29	1	-153.92	1	-78.87	9	-360.20	9
602	-322	102	Max	0.00	0.00	1	293.05	1	310.21	1	1351.58	9	804.01	9	786.62	9
602	-322	102	Max	21.70					252.27	5			313.68	5		
602	-322	102	Max	31.62	0.00	1	303.89	1	403.85	1	1041.22	9	1167.26	9	786.62	9
602	-322	102	Min.	0.00	0.00	1	-83.49	9	-208.12	9	-4363.28	1	-859.22	1	-899.82	1
602	-322	102	Min.	21.70					-67.40	5			-1235.28	5		
602	-322	102	Min.	31.62	0.00	1	-72.65	9	-232.05	9	-4673.64	1	-2273.08	1	-899.82	1
602	-323	-322	Max	0.00	0.00	1	62.70	9	137.07	1	183.80	1	1053.31	9	440.66	9
602	-323	-322	Max	3.30					112.65	9			1053.80	9		
602	-323	-322	Max	56.62	0.00	1	82.11	9	170.84	1	-371.90	1	923.32	9	440.66	9
602	-323	-322	Min.	0.00	0.00	1	-0.78	1	-226.25	9	-485.42	9	-551.54	1	-383.46	1
602	-323	-322	Min.	11.32					-199.10	1			-595.87	1		
602	-323	-322	Min.	56.62	0.00	1	18.62	1	-213.96	9	-1041.12	9	-907.00	1	-383.46	1
602	-324	-323	Max	0.00	0.00	1	34.51	9	9.42	1	343.81	1	941.97	9	259.67	9
602	-324	-323	Max	26.00					2.18	9			973.55	9		
602	-324	-323	Max	56.62	0.00	1	53.92	9	29.74	1	-211.89	1	929.22	9	259.67	9
602	-324	-323	Min.	0.00	0.00	1	-15.96	1	-209.30	9	-188.21	9	-6.16	1	-215.31	1
602	-324	-323	Min.	31.45					-195.07	1			-84.49	1		
602	-324	-323	Min.	56.62	0.00	1	3.45	1	-208.13	9	-743.91	9	-219.97	1	-215.31	1
602	-325	-324	Max	0.00	0.00	1	15.41	9	-75.99	1	542.61	1	659.35	9	132.73	9
602	-325	-324	Max	52.00					-71.06	9			787.41	9		
602	-325	-324	Max	56.62	0.00	1	34.82	9	-63.86	1	-13.09	1	786.38	9	132.73	9
602	-325	-324	Min.	0.00	0.00	1	-34.82	1	-156.21	9	13.12	9	360.48	1	-149.76	1
602	-325	-324	Min.	54.42					-162.33	1			244.50	1		
602	-325	-324	Min.	56.62	0.00	1	-15.41	1	-168.34	9	-542.58	9	233.46	1	-149.76	1
602	-326	-325	Max	0.00	0.00	1	-1.17	1	-64.96	9	762.98	9	550.17	1	112.57	13
602	-326	-325	Max	21.56					-78.03	1			572.04	1		
602	-326	-325	Max	56.62	0.00	1	18.23	1	-89.58	9	207.28	9	545.31	5	112.57	13
602	-326	-325	Min.	0.00	0.00	1	-55.72	9	-122.38	1	187.92	1	200.88	9	-196.45	5
602	-326	-325	Min.	21.69					-119.98	9			339.06	9		
602	-326	-325	Min.	56.62	0.00	1	-36.32	9	-118.99	1	-367.79	1	429.51	13	-196.45	5
602	-327	-326	Max	0.00	0.00	1	-13.62	1	59.48	9	1011.94	9	548.31	1	160.05	13
602	-327	-326	Max	38.56					23.09	1			618.35	1		
602	-327	-326	Max	56.62	0.00	1	5.79	1	23.03	9	456.24	9	602.87	1	160.05	13
602	-327	-326	Min.	0.00	0.00	1	-79.34	9	-127.56	1	319.14	1	-404.53	9	-312.28	5
602	-327	-326	Min.	40.92					-122.10	9			-93.99	9		
602	-327	-326	Min.	56.62	0.00	1	-59.94	9	-132.76	1	-236.56	1	-20.05	9	-312.28	5
602	-328	-327	Max	0.00	0.00	1	-23.07	1	231.94	9	1407.53	9	372.49	1	276.97	5

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602	-328	-327	Max	52.92					161.26	1			501.97	1		
602	-328	-327	Max	56.62	0.00	1	-3.66	1	175.95	9	851.83	9	501.33	1	276.97	5
602	-328	-327	Min.	0.00	0.00	1	-116.87	9	-93.61	1	418.74	1	-1253.75	9	-426.87	13
602	-328	-327	Min.	52.92					-105.37	1			-616.76	1		
602	-328	-327	Min.	56.62	0.00	1	-97.47	9	-105.86	1	-136.96	1	-663.12	9	-426.87	13
602	103	-328	Max	25.00	0.00	1	44.94	1	517.26	9	6613.33	9	515.38	1	758.11	5
602	103	-328	Max	48.82					378.30	11			82.74	11		
602	103	-328	Max	56.62	0.00	1	55.78	1	383.40	9	6302.97	9	287.29	1	758.11	5
602	103	-328	Min.	25.00	0.00	1	-431.69	9	-98.46	1	-620.69	1	-2972.27	9	-641.60	13
602	103	-328	Min.	48.82					-16.22	11			-1285.46	11		
602	103	-328	Min.	56.62	0.00	1	-420.86	9	-83.49	1	-931.05	1	-947.14	9	-641.60	13
602	-451	103	Max	0.00	0.00	1	144.55	13	348.73	1	81.41	5	185.18	9	704.01	13
602	-451	103	Max	64.38	0.00	1	166.62	13	426.86	1	-550.35	5	-178.17	9	704.01	13
602	-451	103	Min.	0.00	0.00	1	13.74	5	-24.82	9	-1156.97	13	-1442.63	1	-758.08	5
602	-451	103	Min.	64.38	0.00	1	35.80	5	13.15	9	-1788.73	13	-2178.37	1	-758.08	5
602	-452	-451	Max	0.00	0.00	1	70.45	13	129.24	1	194.87	5	557.51	9	547.12	13
602	-452	-451	Max	64.38	0.00	1	92.51	13	161.06	1	-436.89	5	281.49	9	547.12	13
602	-452	-451	Min.	0.00	0.00	1	1.75	5	-110.84	9	-455.43	13	-550.53	1	-398.25	5
602	-452	-451	Min.	64.38	0.00	1	23.81	5	-81.99	9	-1087.19	13	-848.94	1	-398.25	5
602	-453	-452	Max	0.00	0.00	1	42.25	13	1.71	1	304.22	5	711.39	9	385.05	13
602	-453	-452	Max	9.00					-5.38	9			714.61	9		
602	-453	-452	Max	64.38	0.00	1	64.31	13	23.81	1	-327.54	5	585.56	9	385.05	13
602	-453	-452	Min.	0.00	0.00	1	-9.80	5	-153.19	9	-188.54	13	11.40	1	-304.00	5
602	-453	-452	Min.	13.56					-142.41	1			6.64	1		
602	-453	-452	Min.	64.38	0.00	1	12.26	5	-140.19	9	-820.29	13	-194.99	1	-304.00	5
602	-454	-453	Max	0.00	0.00	1	13.87	13	-80.28	1	427.57	5	653.23	9	226.73	13
602	-454	-453	Max	33.38					-81.28	9			698.59	9		
602	-454	-453	Max	64.38	0.00	1	35.93	13	-71.26	1	-204.19	5	655.85	9	226.73	13
602	-454	-453	Min.	0.00	0.00	1	-22.83	5	-147.66	9	80.18	13	354.79	1	-230.33	5
602	-454	-453	Min.	36.47					-145.94	1			364.45	1		
602	-454	-453	Min.	64.38	0.00	1	-0.77	5	-148.25	9	-551.57	13	272.35	1	-230.33	5
602	-455	-454	Max	0.00	0.00	1	-10.88	9	-94.59	9	566.87	1	485.29	9	84.63	13
602	-455	-454	Max	35.57					-105.71	1			541.58	1		
602	-455	-454	Max	64.38	0.00	1	11.18	9	-108.92	9	-64.89	1	529.84	1	84.63	13
602	-455	-454	Min.	0.00	0.00	1	-37.54	1	-112.37	1	314.42	9	364.58	1	-176.96	5
602	-455	-454	Min.	33.52					-114.13	9			493.64	9		
602	-455	-454	Min.	64.38	0.00	1	-15.48	1	-115.01	1	-317.33	9	480.67	9	-176.96	5
602	-456	-455	Max	0.00	0.00	1	-30.83	9	2.35	9	743.58	1	370.00	1	-19.83	9
602	-456	-455	Max	53.63					-27.20	1			509.98	1		
602	-456	-455	Max	64.38	0.00	1	-8.77	9	-25.30	9	111.83	1	504.38	1	-19.83	9
602	-456	-455	Min.	0.00	0.00	1	-56.21	1	-94.47	1	503.35	9	-107.01	9	-172.40	1
602	-456	-455	Min.	52.16					-101.55	9			136.53	9		
602	-456	-455	Min.	64.38	0.00	1	-34.15	1	-108.66	1	-128.41	9	154.63	9	-172.40	1
602	-457	-456	Max	0.00	0.00	1	-48.63	9	141.19	9	951.33	1	36.53	1	-3.72	13
602	-457	-456	Max	64.38	0.00	1	-26.57	9	100.16	9	319.57	1	286.30	1	-3.72	13
602	-457	-456	Min.	0.00	0.00	1	-78.16	1	-28.16	1	671.79	9	-775.98	9	-253.31	5
602	-457	-456	Min.	64.38	0.00	1	-56.09	1	-54.55	1	40.03	9	-387.56	9	-253.31	5
602	106	-457	Max	12.50	0.00	1	-77.18	1	438.52	9	3231.75	9	-386.26	1	384.87	13
602	106	-457	Max	64.38	0.00	1	-59.40	1	296.95	9	2722.66	9	0.34	1	384.87	13
602	106	-457	Min.	12.50	0.00	1	-282.42	9	57.46	1	992.16	1	-2451.67	9	-363.78	5
602	106	-457	Min.	64.38	0.00	1	-264.64	9	21.71	1	483.07	1	-911.20	9	-363.78	5
602	-467	106	Max	0.00	0.00	1	286.27	1	302.01	1	-591.93	9	-29.56	9	384.44	13
602	-467	106	Max	55.00	0.00	1	305.12	1	464.41	1	-1131.69	9	-506.74	9	384.44	13
602	-467	106	Min.	0.00	0.00	1	74.15	9	32.59	9	-2798.96	1	-912.54	1	-438.43	5
602	-467	106	Min.	55.00	0.00	1	93.00	9	78.78	9	-3338.72	1	-2597.22	1	-438.43	5
602	-468	-467	Max	0.00	0.00	1	63.77	5	75.66	1	-3.22	13	338.83	9	337.58	13
602	-468	-467	Max	67.50	0.00	1	86.90	5	123.40	1	-665.64	13	84.08	9	337.58	13
602	-468	-467	Min.	0.00	0.00	1	25.15	13	-66.71	9	-354.92	5	-271.27	1	-58.33	5
602	-468	-467	Min.	67.50	0.00	1	48.28	13	-38.82	9	-1017.34	5	-705.39	1	-58.33	5
602	-469	-468	Max	0.00	0.00	1	37.51	1	-66.43	1	142.69	9	619.81	9	232.41	13
602	-469	-468	Max	13.12					-65.22	9			627.98	9		
602	-469	-468	Max	67.50	0.00	1	60.64	1	-33.80	1	-519.73	9	487.21	9	232.41	13
602	-469	-468	Min.	0.00	0.00	1	9.13	9	-134.66	9	-115.73	1	345.51	1	-8.00	5
602	-469	-468	Min.	12.99					-129.17	1			324.29	1		
602	-469	-468	Min.	67.50	0.00	1	32.26	9	-120.19	9	-778.15	1	49.17	1	-8.00	5
602	-470	-469	Max	0.00	0.00	1	16.74	9	-151.18	9	307.31	1	755.56	1	114.98	13
602	-470	-469	Max	7.55					-151.96	1			758.35	1		
602	-470	-469	Max	67.50	0.00	1	39.87	9	-142.88	9	-355.12	1	650.44	1	114.98	13
602	-470	-469	Min.	0.00	0.00	1	-8.94	1	-162.32	1	73.42	9	665.48	9	7.46	5
602	-470	-469	Min.	7.50					-160.76	9			685.73	9		
602	-470	-469	Min.	67.50	0.00	1	14.19	1	-149.74	1	-589.00	9	580.45	9	7.46	5
602	-471	-470	Max	0.00	0.00	1	-1.81	9	-119.90	9	470.37	1	938.91	1	74.10	13
602	-471	-470	Max	25.49					-129.71	1			970.70	1		
602	-471	-470	Max	67.50	0.00	1	21.32	9	-129.61	9	-192.06	1	884.46	1	74.10	13
602	-471	-470	Min.	0.00	0.00	1	-26.84	1	-208.77	1	242.35	9	495.96	9	-54.00	5
602	-471	-470	Min.	25.11					-204.06	9			581.26	9		
602	-471	-470	Min.	67.50	0.00	1	-3.71	1	-202.78	1	-420.07	9	584.36	9	-54.00	5
602	-472	-471	Max	0.00	0.00	1	-17.72	9	-42.84	9	640.81	1	912.44	1	95.43	13
602	-472	-471	Max	42.42					-66.28	1			1000.19	1		

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602	-472	-471	Max	67.50	0.00	1	5.41	9	-63.67	9	-21.62	1	969.52	1	95.43	13
602	-472	-471	Min.	0.00	0.00	1	-45.56	1	-209.01	1	387.28	9	117.58	9	-181.04	5
602	-472	-471	Min.	41.62					-206.21	9			287.77	9		
602	-472	-471	Min.	67.50	0.00	1	-22.43	1	-215.28	1	-275.14	9	307.33	9	-181.04	5
602	-473	-472	Max	0.00	0.00	1	-30.79	9	84.57	9	861.40	1	706.48	1	185.13	13
602	-473	-472	Max	57.28					40.80	1			865.42	1		
602	-473	-472	Max	67.50	0.00	1	-7.65	9	49.21	9	198.98	1	860.35	1	185.13	13
602	-473	-472	Min.	0.00	0.00	1	-69.78	1	-169.24	1	506.26	9	-499.42	9	-305.33	5
602	-473	-472	Min.	56.15					-171.64	9			-199.76	9		
602	-473	-472	Min.	67.50	0.00	1	-46.65	1	-186.15	1	-156.17	9	-177.26	9	-305.33	5
602	107	-473	Max	25.00	0.00	1	17.47	1	357.04	9	4267.98	9	565.94	1	708.46	13
602	107	-473	Max	31.70					334.41	9			447.34	9		
602	107	-473	Max	67.50	0.00	1	32.03	1	216.09	9	3850.89	9	436.60	1	708.46	13
602	107	-473	Min.	25.00	0.00	1	-339.79	9	-117.66	1	-108.70	1	-2121.24	9	-478.76	5
602	107	-473	Min.	31.70					-95.31	9			-1838.03	9		
602	107	-473	Min.	67.50	0.00	1	-325.23	9	-107.50	1	-525.79	1	-401.47	9	-478.76	5
602	61	107	Max	0.00	0.00	1	29.18	1	31.61	1	110.94	9	58.87	9	307.70	5
602	61	107	Max	40.78					40.14	9			76.47	9		
602	61	107	Max	42.00	0.00	1	32.85	1	44.14	1	6.00	9	76.45	9	307.70	5
602	61	107	Min.	0.00	0.00	1	-6.13	9	-14.61	9	-368.99	1	-92.43	1	-207.87	13
602	61	107	Min.	40.78					-15.89	9			-238.08	9		
602	61	107	Min.	42.00	0.00	1	-2.47	9	-15.91	9	-473.93	1	-262.46	1	-207.87	13
603	101	54	Max	0.00	6681.94	5	1496.68	9	427.67	1	554.12	9	265.68	1	23.74	1
603	101	54	Max	4.24					21.63	15			12.90	15		
603	101	54	Max	42.00	6679.69	5	1496.68	9	315.97	9	491.17	9	51.60	1	23.74	1
603	101	54	Min.	0.00	-8678.84	13	-2046.17	1	-312.63	9	-486.81	1	-284.52	9	-28.41	9
603	101	54	Min.	4.24					48.86	15			-66.80	15		
603	101	54	Min.	42.00	-8681.09	13	-2046.17	1	-431.72	1	-549.77	1	-68.61	9	-28.41	9
603	-344	101	Max	0.00	7821.60	5	2282.94	9	602.56	1	2467.10	9	390.29	13	199.57	9
603	-344	101	Max	34.43	7819.76	5	2282.94	9	348.75	9	2415.49	9	1219.20	13	199.57	9
603	-344	101	Min.	0.00	-11230.70	13	-3134.92	1	-437.42	9	-3021.75	1	-371.12	5	-236.36	1
603	-344	101	Min.	34.43	-11232.60	13	-3134.92	1	-476.93	1	-3073.36	1	-1408.77	5	-236.36	1
603	-345	-344	Max	0.00	1467.99	5	878.24	9	361.77	1	288.87	9	485.79	13	141.97	9
603	-345	-344	Max	38.01					-22.07	7			207.43	7		
603	-345	-344	Max	59.41	1464.81	5	878.24	9	271.33	9	199.81	9	594.73	13	141.97	9
603	-345	-344	Min.	0.00	-3616.38	13	-1248.03	1	-250.50	9	-355.99	1	-335.96	5	-123.36	1
603	-345	-344	Min.	38.01					-11.37	7			-278.36	7		
603	-345	-344	Min.	59.41	-3619.57	13	-1248.03	1	-379.75	1	-445.05	1	-537.68	5	-123.36	1
603	-346	-345	Max	0.00	420.20	9	766.99	9	338.56	1	250.42	9	327.89	13	115.06	9
603	-346	-345	Max	54.12					-64.54	7			204.57	7		
603	-346	-345	Max	59.41	417.01	9	766.99	9	235.88	9	161.35	9	429.89	13	115.06	9
603	-346	-345	Min.	0.00	-1452.84	1	-1158.95	1	-219.87	9	-267.12	1	-74.21	5	-85.57	1
603	-346	-345	Min.	54.12					-34.41	7			-105.30	7		
603	-346	-345	Min.	59.41	-1456.02	1	-1158.95	1	-350.06	1	-356.19	1	-239.05	5	-85.57	1
603	-347	-346	Max	0.00	1622.34	9	685.04	9	327.09	1	225.79	13	173.44	9	88.07	9
603	-347	-346	Max	59.41	1619.15	9	685.04	9	209.11	9	136.73	13	246.41	13	88.07	9
603	-347	-346	Min.	0.00	-1033.21	1	-1109.30	1	-197.96	9	-196.19	5	106.83	1	-47.47	1
603	-347	-346	Min.	59.41	-1036.40	1	-1109.30	1	-332.04	1	-285.25	5	-1.47	5	-47.47	1
603	-348	-347	Max	0.00	2342.78	9	637.20	1	329.96	9	243.42	13	304.06	5	85.91	13
603	-348	-347	Max	59.41	2339.59	9	637.20	1	191.71	1	154.36	13	191.85	1	85.91	13
603	-348	-347	Min.	0.00	-124.59	1	-1104.92	9	-186.92	1	-170.41	5	-74.37	13	-32.25	5
603	-348	-347	Min.	59.41	-127.78	1	-1104.92	9	-326.56	9	-259.47	5	28.30	9	-32.25	5
603	-349	-348	Max	0.00	2948.86	9	620.27	1	344.32	9	292.75	13	456.53	5	96.72	13
603	-349	-348	Max	2.41					270.74	3			267.48	3		
603	-349	-348	Max	59.41	2945.67	9	620.27	1	184.70	1	203.69	13	343.29	1	96.72	13
603	-349	-348	Min.	0.00	396.19	1	-1143.33	9	-183.87	1	-170.44	5	-362.01	13	-30.33	5
603	-349	-348	Min.	31.35					-12.82	11			-143.01	11		
603	-349	-348	Min.	59.41	393.00	1	-1143.33	9	-335.01	9	-259.50	5	-229.01	9	-30.33	5
603	-350	-349	Max	0.00	5537.91	1	628.01	1	372.00	9	361.07	13	588.50	5	121.12	13
603	-350	-349	Max	28.84					14.01	3			295.40	3		
603	-350	-349	Max	59.41	5534.72	1	628.01	1	184.89	1	272.01	13	475.48	1	121.12	13
603	-350	-349	Min.	0.00	-2123.66	9	-1223.31	9	-188.26	1	-174.65	5	-726.01	13	-30.78	5
603	-350	-349	Min.	28.84					-3.67	3			-188.31	3		
603	-350	-349	Min.	59.41	-2126.85	9	-1223.31	9	-354.83	9	-263.71	5	-555.14	9	-30.78	5
603	102	-350	Max	24.98	13780.00	5	1546.36	1	499.33	9	3777.23	13	1174.43	5	393.74	9
603	102	-350	Max	59.41	13778.20	5	1546.36	1	296.35	1	3725.62	13	369.81	1	393.74	9
603	102	-350	Min.	24.98	-10875.20	13	-3209.89	9	-236.27	1	-2378.33	5	-1847.54	13	-154.69	1
603	102	-350	Min.	59.41	-10877.00	13	-3209.89	9	-606.03	9	-2429.94	5	-579.05	9	-154.69	1
603	47	102	Max	0.00	16283.60	5	1810.04	1	649.92	9	1314.49	13	36.20	5	286.02	1
603	47	102	Max	28.02	16282.10	5	1810.04	1	229.65	1	1272.49	13	351.86	13	286.02	1
603	47	102	Min.	0.00	-14825.50	13	-4008.02	9	-277.49	1	-1851.25	5	-10.98	13	-159.98	9
603	47	102	Min.	28.02	-14827.00	13	-4008.02	9	-473.00	9	-1893.25	5	-488.78	5	-159.98	9
604	104	52	Max	0.00	7903.23	5	1741.27	9	359.63	1	542.87	13	234.88	5	-63.04	1
604	104	52	Max	42.00	7900.97	5	1741.27	9	343.61	9	479.91	13	97.99	5	-63.04	1
604	104	52	Min.	0.00	-9000.71	13	-1736.45	1	-387.73	9	-320.88	5	-305.34	13	-291.74	9
604	104	52	Min.	42.00	-9002.96	13	-1736.45	1	-369.68	1	-383.84	5	-101.66	13	-291.74	9
604	103	104	Max	24.98	2072.55	5	35.74	9	63.55	9	866.77	13	856.59	5	84.39	9
604	103	104	Max	350.21					40.08	11			221.40	11		
604	103	104	Max	450.32	2049.73	5	35.74	9	81.53	9	229.17	13	927.80	13	84.39	9

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604	103	104	Min.	24.98	-1481.96	13	-31.88	1	-71.68	1	-165.03	5	-1402.93	13	-83.21	1
604	103	104	Min.	350.21					-33.61	11			12.30	11		
604	103	104	Min.	450.32	-1504.78	13	-31.88	1	-73.22	1	-802.63	5	-1201.31	5	-83.21	1
604	-4	103	Max	0.00	13855.40	5	1685.02	1	309.38	9	1609.94	13	55.85	1	481.54	1
604	-4	103	Max	36.86	13853.50	5	1685.02	1	304.86	1	1554.69	13	591.85	13	481.54	1
604	-4	103	Min.	0.00	-14078.30	13	-1563.40	9	-316.26	1	-2556.51	5	-0.83	9	-238.34	9
604	-4	103	Min.	36.86	-14080.20	13	-1563.40	9	-266.91	9	-2611.76	5	-906.08	5	-238.34	9
605	49	105	Max	0.00	6351.54	13	310.29	9	133.77	1	198.26	13	97.19	13	140.83	1
605	49	105	Max	21.03					13.09	9			54.31	9		
605	49	105	Max	42.00	6353.80	13	310.29	9	77.99	9	135.30	13	167.24	13	140.83	1
605	49	105	Min.	0.00	-7141.50	5	-687.29	1	-52.37	9	-454.09	5	-83.55	5	-170.07	9
605	49	105	Min.	21.03					-9.39	9			-97.74	9		
605	49	105	Min.	42.00	-7139.25	5	-687.29	1	-154.93	1	-517.05	5	-287.49	5	-170.07	9
605	105	106	Max	24.98	686.49	5	7.83	1	37.33	9	656.45	13	584.04	5	25.13	13
605	105	106	Max	29.61					8.35	7			476.93	7		
605	105	106	Max	450.32	709.31	5	7.83	1	16.17	1	18.85	13	462.08	13	25.13	13
605	105	106	Min.	24.98	-1308.16	13	-17.72	9	-17.18	1	-41.37	5	-974.05	13	-13.38	5
605	105	106	Min.	29.61					11.24	7			-828.34	7		
605	105	106	Min.	450.32	-1285.34	13	-17.72	9	-38.12	9	-678.96	5	-947.86	5	-13.38	5
605	106	-3	Max	0.00	3960.25	13	67.64	1	139.56	9	275.09	13	97.57	5	231.20	1
605	106	-3	Max	28.77					23.30	5			103.79	5		
605	106	-3	Max	71.92	3964.11	13	67.64	1	6.99	1	167.28	13	89.86	5	231.20	1
605	106	-3	Min.	0.00	-5476.62	5	-349.63	9	-41.75	1	43.18	5	-334.74	13	-184.11	9
605	106	-3	Min.	30.89					-7.11	13			-256.92	13		
605	106	-3	Min.	71.92	-5472.77	5	-349.63	9	-111.98	9	-64.63	5	-175.67	13	-184.11	9
606	51	108	Max	0.00	6483.54	13	2334.62	9	-22.52	1	273.57	13	68.01	13	128.40	1
606	51	108	Max	42.00	6485.80	13	2334.62	9	491.04	9	210.61	13	169.50	13	128.40	1
606	51	108	Min.	0.00	-8716.31	5	62.47	1	-489.51	9	-430.67	5	-80.90	5	-15.14	9
606	51	108	Min.	42.00	-8714.06	5	62.47	1	3.70	1	-493.63	5	-274.81	5	-15.14	9
606	108	-429	Max	24.98	7524.96	13	3587.51	9	-1.11	1	2799.03	13	1124.77	5	318.03	13
606	108	-429	Max	34.62					-189.57	11			-27.88	11		
606	108	-429	Max	59.41	7526.81	13	3587.51	9	686.64	9	2747.42	13	331.41	5	318.03	13
606	108	-429	Min.	24.98	-11680.00	5	10.94	1	-548.94	9	-2311.75	5	-1389.15	13	-49.60	5
606	108	-429	Min.	34.62					-21.19	11			-327.66	11		
606	108	-429	Min.	59.41	-11678.20	5	10.94	1	2.22	1	-2363.36	5	-445.80	13	-49.60	5
606	-429	-428	Max	0.00	1104.41	13	1414.99	9	-2.04	1	257.05	13	560.10	5	133.40	9
606	-429	-428	Max	8.47					-282.71	3			136.04	3		
606	-429	-428	Max	59.41	1107.59	13	1414.99	9	410.30	9	167.99	13	448.89	5	133.40	9
606	-429	-428	Min.	0.00	-4196.66	5	10.74	1	-430.39	9	-169.53	5	-519.10	13	-16.93	1
606	-429	-428	Min.	11.88					-24.47	11			-86.61	11		
606	-429	-428	Min.	59.41	-4193.47	5	10.74	1	4.34	1	-258.59	5	-408.80	13	-16.93	1
606	-428	-427	Max	0.00	-917.72	13	1316.22	9	-6.24	1	206.93	13	428.78	5	85.64	9
606	-428	-427	Max	9.18					-253.93	3			168.04	3		
606	-428	-427	Max	59.41	-914.53	13	1316.22	9	384.69	9	117.87	13	334.19	5	85.64	9
606	-428	-427	Min.	0.00	-1374.87	5	25.21	1	-397.33	9	-132.03	5	-233.66	13	-19.19	1
606	-428	-427	Min.	11.06					-24.09	11			33.56	11		
606	-428	-427	Min.	59.41	-1371.68	5	25.21	1	8.73	1	-221.09	5	-147.49	13	-19.19	1
606	-427	-426	Max	0.00	627.35	5	1263.54	1	-10.61	1	173.25	13	276.89	5	43.05	9
606	-427	-426	Max	11.06					-220.90	3			160.82	3		
606	-427	-426	Max	59.41	630.53	5	1263.54	1	373.38	1	84.18	13	197.87	5	43.05	9
606	-427	-426	Min.	0.00	-1443.50	13	36.83	9	-377.41	9	-97.47	5	-18.48	13	-20.42	1
606	-427	-426	Min.	11.51					-22.76	11			104.33	11		
606	-427	-426	Min.	59.41	-1440.31	13	36.83	9	11.19	9	-186.53	5	52.65	13	-20.42	1
606	-426	-425	Max	0.00	1633.13	5	1260.10	1	-11.54	9	163.67	13	136.85	13	12.29	9
606	-426	-425	Max	40.30					13.14	11			138.13	11		
606	-426	-425	Max	59.41	1636.31	5	1260.10	1	375.75	1	74.61	13	203.84	13	12.29	9
606	-426	-425	Min.	0.00	-816.47	13	39.56	9	-372.93	1	-86.50	5	106.68	5	-33.38	1
606	-426	-425	Min.	40.14					124.21	3			112.23	3		
606	-426	-425	Min.	59.41	-813.28	13	39.56	9	11.95	9	-175.56	5	32.63	5	-33.38	1
606	-425	-424	Max	0.00	1446.91	5	1297.58	1	-12.20	9	181.82	13	252.42	13	4.78	9
606	-425	-424	Max	38.62					11.33	11			126.94	11		
606	-425	-424	Max	59.41	1450.10	5	1297.58	1	390.27	1	92.76	13	328.55	13	4.78	9
606	-425	-424	Min.	0.00	659.30	13	41.45	9	-380.67	1	-105.75	5	-102.03	5	-69.12	1
606	-425	-424	Min.	37.82					103.22	3			30.78	3		
606	-425	-424	Min.	59.41	662.49	13	41.45	9	12.42	9	-194.81	5	-185.88	5	-69.12	1
606	-424	-423	Max	0.00	2829.19	13	1378.70	1	-12.73	9	194.12	13	337.15	13	-0.80	9
606	-424	-423	Max	32.30					4.15	11			70.71	11		
606	-424	-423	Max	59.41	2832.38	13	1378.70	1	418.21	1	105.06	13	416.13	13	-0.80	9
606	-424	-423	Min.	0.00	-322.77	5	43.82	9	-400.93	1	-144.15	5	-367.58	5	-116.00	1
606	-424	-423	Min.	30.99					24.71	3			-100.03	3		
606	-424	-423	Min.	59.41	-319.59	5	43.82	9	13.29	9	-233.21	5	-469.79	5	-116.00	1
606	-423	107	Max	0.00	8234.37	13	3501.07	1	-20.12	9	1809.29	13	235.65	13	49.07	13
606	-423	107	Max	24.00					19.38	11			-9.02	11		
606	-423	107	Max	34.43	8236.21	13	3501.07	1	537.18	1	1757.68	13	842.19	13	49.07	13
606	-423	107	Min.	0.00	-5892.38	5	99.74	9	-668.44	1	-2553.23	5	-419.39	5	-327.57	5
606	-423	107	Min.	24.00					147.42	11			-248.40	11		
606	-423	107	Min.	34.43	-5890.53	5	99.74	9	13.98	9	-2604.84	5	-1299.84	5	-327.57	5
606	107	-2	Max	0.00	5295.59	13	1002.98	1	-29.48	9	243.88	13	100.14	5	72.09	1
606	107	-2	Max	18.54					-67.41	5			102.71	5		

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606	107	-2	Max	82.51	5300.01	13	1002.98	1	408.53	1	120.19	13	72.18	5	72.09	1
606	107	-2	Min.	0.00	-5161.82	5	107.55	9	-419.10	1	27.15	5	-339.18	13	-197.69	9
606	107	-2	Min.	29.88					-88.38	13			-273.18	13		
606	107	-2	Min.	82.51	-5157.40	5	107.55	9	59.23	9	-96.54	5	-189.64	13	-197.69	9
607	109	53	Max	0.00	8906.20	13	340.60	9	342.11	1	512.13	5	173.66	13	31.98	1
607	109	53	Max	42.00	8903.95	13	340.60	9	64.46	9	449.18	5	56.65	13	31.98	1
607	109	53	Min.	0.00	-10923.90	5	-1617.82	1	-78.59	9	-247.80	13	-276.11	5	-93.57	9
607	109	53	Min.	42.00	-10926.20	5	-1617.82	1	-337.38	1	-310.76	13	-74.52	5	-93.57	9
607	-416	109	Max	0.00	10534.00	13	594.52	9	478.89	1	3101.39	5	454.12	5	82.89	5
607	-416	109	Max	34.43	10532.10	13	594.52	9	89.92	9	3049.78	5	1507.47	5	82.89	5
607	-416	109	Min.	0.00	-14258.30	5	-2502.19	1	-115.21	9	-3528.75	13	-504.98	13	-244.94	13
607	-416	109	Min.	34.43	-14260.10	5	-2502.19	1	-383.03	1	-3580.36	13	-1723.23	13	-244.94	13
607	-417	-416	Max	0.00	2170.09	13	236.59	9	284.43	1	335.38	5	575.27	5	41.05	9
607	-417	-416	Max	55.27					-237.29	3			165.38	3		
607	-417	-416	Max	59.41	2166.91	13	236.59	9	73.06	9	246.32	5	738.30	5	41.05	9
607	-417	-416	Min.	0.00	-4726.00	5	-983.22	1	-67.54	9	-301.26	13	-484.68	13	-105.25	1
607	-417	-416	Min.	20.13					77.88	11			-61.68	11		
607	-417	-416	Min.	59.41	-4729.19	5	-983.22	1	-299.76	1	-390.32	13	-680.36	13	-105.25	1
607	-418	-417	Max	0.00	-462.44	13	207.55	9	264.28	1	310.11	5	393.49	5	43.45	13
607	-418	-417	Max	58.82					-247.43	3			186.95	3		
607	-418	-417	Max	59.41	-465.63	13	207.55	9	63.70	9	221.05	5	545.73	5	43.45	13
607	-418	-417	Min.	0.00	-1119.55	5	-906.37	1	-59.71	9	-235.58	13	-180.93	13	-82.99	5
607	-418	-417	Min.	25.44					31.50	11			45.14	11		
607	-418	-417	Min.	59.41	-1122.74	5	-906.37	1	-274.31	1	-324.65	13	-341.79	13	-82.99	5
607	-419	-418	Max	0.00	1257.91	5	190.23	1	255.12	9	293.27	5	195.98	5	44.68	13
607	-419	-418	Max	29.39					0.72	11			135.72	11		
607	-419	-418	Max	59.41	1254.73	5	190.23	1	57.38	9	204.21	5	341.45	5	44.68	13
607	-419	-418	Min.	0.00	-1279.43	13	-862.30	9	-56.88	1	-186.96	13	58.16	13	-63.17	5
607	-419	-418	Min.	29.39					1.31	11			110.18	11		
607	-419	-418	Min.	59.41	-1282.61	13	-862.30	9	-258.44	1	-276.02	13	-77.06	13	-63.17	5
607	-420	-419	Max	0.00	2309.58	5	199.80	1	258.28	9	307.69	5	245.37	13	54.99	13
607	-420	-419	Max	19.61					-9.45	11			135.10	11		
607	-420	-419	Max	59.41	2306.39	5	199.80	1	58.14	1	218.63	5	130.97	1	54.99	13
607	-420	-419	Min.	0.00	-693.56	13	-864.51	9	-60.63	1	-169.75	13	-27.46	5	-52.46	5
607	-420	-419	Min.	19.61					79.70	11			122.46	11		
607	-420	-419	Min.	59.41	-696.75	13	-864.51	9	-255.41	9	-258.82	13	115.98	9	-52.46	5
607	-421	-420	Max	0.00	1819.72	5	221.42	1	270.64	9	358.16	5	411.47	13	75.54	13
607	-421	-420	Max	34.71					-37.65	11			120.56	11		
607	-421	-420	Max	59.41	1816.53	5	221.42	1	63.47	1	269.10	5	277.45	13	75.54	13
607	-421	-420	Min.	0.00	1006.35	13	-897.45	9	-68.13	1	-182.35	13	-312.81	5	-53.52	5
607	-421	-420	Min.	34.71					5.30	11			72.50	11		
607	-421	-420	Min.	59.41	1003.16	13	-897.45	9	-262.61	9	-271.41	13	-127.25	5	-53.52	5
607	-422	-421	Max	0.00	3648.33	13	250.69	1	291.36	9	426.69	5	544.91	13	87.12	13
607	-422	-421	Max	51.83					-182.26	11			67.48	11		
607	-422	-421	Max	59.41	3645.14	13	250.69	1	71.98	1	337.62	5	406.63	13	87.12	13
607	-422	-421	Min.	0.00	-590.77	5	-959.64	9	-76.98	1	-192.44	13	-665.06	5	-37.70	5
607	-422	-421	Min.	51.83					19.54	11			-22.40	11		
607	-422	-421	Min.	59.41	-593.96	5	-959.64	9	-278.82	9	-281.50	13	-440.51	5	-37.70	5
607	110	-422	Max	24.98	10679.70	13	570.11	1	363.09	9	3625.51	5	1119.09	13	203.43	5
607	110	-422	Max	59.41	10677.80	13	570.11	1	114.95	1	3573.90	5	303.11	13	203.43	5
607	110	-422	Min.	24.98	-7937.72	5	-2391.57	9	-81.46	1	-2350.29	13	-1707.99	5	-25.66	13
607	110	-422	Min.	59.41	-7939.57	5	-2391.57	9	-460.44	9	-2401.90	13	-470.73	5	-25.66	13
607	-489	110	Max	0.00	7478.89	13	246.44	1	308.65	9	196.07	5	129.72	5	193.15	1
607	-489	110	Max	2.98					254.16	1			38.76	1		
607	-489	110	Max	43.93	7476.53	13	246.44	1	68.82	1	130.22	5	201.07	5	193.15	1
607	-489	110	Min.	0.00	-7039.02	5	-1441.01	9	-39.44	1	-618.91	13	-234.45	13	-103.63	9
607	-489	110	Min.	2.98					-32.10	1			-122.11	1		
607	-489	110	Min.	43.93	-7041.38	5	-1441.01	9	-324.37	9	-684.76	13	-520.47	13	-103.63	9
607	-5	-489	Max	0.00	6587.26	13	128.71	1	297.90	9	120.46	5	21.65	5	61.51	1
607	-5	-489	Max	38.94					26.39	1			18.09	1		
607	-5	-489	Max	43.93	6584.91	13	128.71	1	32.81	1	54.61	5	56.64	5	61.51	1
607	-5	-489	Min.	0.00	-6570.98	5	-1371.92	9	-23.73	1	-148.07	13	-23.10	13	-46.93	9
607	-5	-489	Min.	38.94					-226.10	1			-40.83	1		
607	-5	-489	Min.	43.93	-6573.34	5	-1371.92	9	-304.76	9	-213.92	13	-99.15	13	-46.93	9
608	50	112	Max	0.00	11876.00	13	1596.12	9	56.77	1	428.41	13	79.62	13	120.35	5
608	50	112	Max	10.55					8.67	11			7.85	11		
608	50	112	Max	42.00	11878.20	13	1596.12	9	338.14	9	365.45	13	246.32	13	120.35	5
608	50	112	Min.	0.00	-13474.60	5	-304.19	1	-332.39	9	-595.30	5	-102.25	5	-63.81	13
608	50	112	Min.	10.55					-150.62	11			-19.11	11		
608	50	112	Min.	42.00	-13472.40	5	-304.19	1	-71.16	1	-658.26	5	-365.50	5	-63.81	13
608	112	-443	Max	24.98	14703.30	13	2490.83	9	81.83	1	3462.25	13	1820.83	5	215.55	13
608	112	-443	Max	59.41	14705.10	13	2490.83	9	479.46	9	3410.64	13	765.15	5	215.55	13
608	112	-443	Min.	24.98	-17702.50	5	-534.51	1	-378.52	9	-3044.13	5	-1967.39	13	-100.45	5
608	112	-443	Min.	59.41	-17700.60	5	-534.51	1	-102.60	1	-3095.74	5	-785.51	13	-100.45	5
608	-443	-442	Max	0.00	3233.26	13	995.78	9	64.08	1	458.65	13	1056.77	5	95.75	9
608	-443	-442	Max	33.32					-2.40	3			193.78	3		
608	-443	-442	Max	59.41	3236.45	13	995.78	9	288.58	9	369.59	13	863.82	5	95.75	9
608	-443	-442	Min.	0.00	-5142.39	5	-207.14	1	-303.04	9	-287.11	5	-991.56	13	-34.42	1
608	-443	-442	Min.	33.32					26.65	3			118.95	3		

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608	-443	-442	Min.	59.41	-5139.21	5	-207.14	1	-58.99	1	-376.17	5	-749.61	13	-34.42	1
608	-442	-441	Max	0.00	57.08	5	923.87	9	55.45	1	452.48	13	747.10	5	62.64	9
608	-442	-441	Max	10.86					-162.24	3			195.57	3		
608	-442	-441	Max	59.41	60.27	5	923.87	9	270.26	1	363.41	13	526.19	5	62.64	9
608	-442	-441	Min.	0.00	-943.09	13	-180.21	1	-279.14	9	-330.84	5	-549.77	13	-26.39	1
608	-442	-441	Min.	57.15					226.90	11			40.11	11		
608	-442	-441	Min.	59.41	-939.90	13	-180.21	1	-52.11	9	-419.90	5	-309.50	13	-26.39	1
608	-441	-440	Max	0.00	3068.13	5	889.11	1	50.56	9	329.26	13	410.31	5	32.70	9
608	-441	-440	Max	34.09					-3.64	11			113.84	11		
608	-441	-440	Max	59.41	3071.32	5	889.11	1	262.54	1	240.19	13	230.67	5	32.70	9
608	-441	-440	Min.	0.00	-2438.89	13	-168.25	9	-265.71	1	-259.46	5	-160.83	13	-19.45	1
608	-441	-440	Min.	34.09					33.28	11			99.26	11		
608	-441	-440	Min.	59.41	-2435.70	13	-168.25	9	-49.41	9	-348.53	5	7.36	13	-19.45	1
608	-440	-439	Max	0.00	4131.54	5	884.49	1	49.00	9	293.56	13	127.05	13	11.18	9
608	-440	-439	Max	40.77					-9.90	11			125.13	11		
608	-440	-439	Max	59.41	4134.72	5	884.49	1	263.57	1	204.50	13	274.33	13	11.18	9
608	-440	-439	Min.	0.00	-2000.30	13	-165.10	9	-261.93	1	-269.03	5	95.82	5	-21.24	1
608	-440	-439	Min.	40.77					87.96	11			111.87	11		
608	-440	-439	Min.	59.41	-1997.11	13	-165.10	9	-49.10	9	-358.09	5	-89.80	5	-21.24	1
608	-439	-438	Max	0.00	3012.49	5	907.88	1	49.65	9	321.51	13	376.10	13	11.42	9
608	-439	-438	Max	56.43					245.71	1			192.52	1		
608	-439	-438	Max	59.41	3015.68	5	907.88	1	272.76	1	232.45	13	540.08	13	11.42	9
608	-439	-438	Min.	0.00	106.32	13	-169.28	9	-266.65	1	-369.09	5	-256.49	5	-43.06	1
608	-439	-438	Min.	56.43					-39.09	1			-262.82	1		
608	-439	-438	Min.	59.41	109.51	13	-169.28	9	-50.93	9	-458.15	5	-501.66	5	-43.06	1
608	-438	-437	Max	0.00	3902.99	13	961.26	1	52.52	9	262.95	13	640.91	13	19.55	9
608	-438	-437	Max	26.09					4.91	1			198.84	1		
608	-438	-437	Max	59.41	3906.17	13	961.26	1	291.35	1	173.89	13	767.86	13	19.55	9
608	-438	-437	Min.	0.00	-897.31	5	-181.36	9	-279.77	1	-357.46	5	-724.53	5	-77.53	1
608	-438	-437	Min.	26.09					-29.00	1			-492.71	1		
608	-438	-437	Min.	59.41	-894.12	5	-181.36	9	-55.24	9	-446.52	5	-960.54	5	-77.53	1
608	-437	111	Max	0.00	13173.30	13	2438.59	1	89.79	9	2254.53	13	565.62	13	89.38	13
608	-437	111	Max	34.43	13175.10	13	2438.59	1	374.23	1	2202.91	13	1332.40	13	89.38	13
608	-437	111	Min.	0.00	-10981.00	5	-475.46	9	-465.51	1	-3341.27	5	-782.87	5	-236.97	5
608	-437	111	Min.	34.43	-10979.10	5	-475.46	9	-74.06	9	-3392.88	5	-1941.57	5	-236.97	5
608	111	-495	Max	0.00	9016.91	13	1324.74	1	57.30	9	655.28	13	344.00	5	220.40	1
608	111	-495	Max	47.50	9019.46	13	1324.74	1	298.59	1	584.08	13	261.49	5	220.40	1
608	111	-495	Min.	0.00	-9012.26	5	-154.47	9	-330.91	1	-147.79	5	-659.21	13	-277.14	9
608	111	-495	Min.	47.50	-9009.72	5	-154.47	9	-16.31	9	-218.99	5	-369.47	13	-277.14	9
608	-495	48	Max	0.00	7516.85	13	1179.82	1	4.26	9	298.13	13	150.88	5	105.83	1
608	-495	48	Max	9.12					-12.90	3			15.04	3		
608	-495	48	Max	47.50	7519.40	13	1179.82	1	272.73	1	226.92	13	53.03	5	105.83	1
608	-495	48	Min.	0.00	-7960.36	5	7.19	9	-287.79	1	-170.59	5	-183.84	13	-84.83	9
608	-495	48	Min.	45.55					22.62	11			-11.25	11		
608	-495	48	Min.	47.50	-7957.81	5	7.19	9	7.58	9	-241.79	5	-59.23	13	-84.83	9
609	57	101	Max	0.00	0.00	1	20.03	1	14.70	9	304.02	1	30.15	9	256.56	5
609	57	101	Max	41.00	0.00	1	16.45	1	22.11	9	201.59	1	132.73	9	256.56	5
609	57	101	Min.	0.00	0.00	1	-30.54	9	-23.73	1	-396.89	9	-50.59	1	-205.36	13
609	57	101	Min.	41.00	0.00	1	-34.11	9	-36.91	1	-499.32	9	-233.25	1	-205.36	13
609	101	-364	Max	50.00	0.00	1	336.99	9	283.21	1	7965.72	9	1259.57	1	740.34	9
609	101	-364	Max	56.62	0.00	1	334.72	9	275.09	1	7900.70	9	1067.24	1	740.34	9
609	101	-364	Min.	50.00	0.00	1	-121.65	1	-487.46	9	-2879.49	1	-2124.09	9	-362.20	1
609	101	-364	Min.	56.62	0.00	1	-123.92	1	-465.23	9	-2944.50	1	-1599.11	9	-362.20	1
609	-364	-363	Max	0.00	0.00	1	148.80	1	272.07	1	1744.15	1	1274.97	1	295.88	9
609	-364	-363	Max	6.85					229.52	3			1069.17	3		
609	-364	-363	Max	56.62	0.00	1	129.40	1	255.40	1	1188.44	1	1099.62	1	295.88	9
609	-364	-363	Min.	0.00	0.00	1	-22.67	9	-331.23	9	-63.43	9	-1770.17	9	-265.41	1
609	-364	-363	Min.	5.79					-281.62	11			-1470.25	11		
609	-364	-363	Min.	56.62	0.00	1	-42.08	9	-254.13	9	-619.13	9	-957.78	9	-265.41	1
609	-363	-362	Max	0.00	0.00	1	92.68	1	230.50	1	1152.55	1	1088.67	1	230.55	9
609	-363	-362	Max	0.57					206.10	3			966.10	3		
609	-363	-362	Max	56.62	0.00	1	73.28	1	212.38	1	596.85	1	898.05	1	230.55	9
609	-363	-362	Min.	0.00	0.00	1	-24.87	9	-118.61	9	-86.54	9	-701.76	9	-249.72	1
609	-363	-362	Min.	0.57					-75.49	3			-491.28	3		
609	-363	-362	Min.	56.62	0.00	1	-44.27	9	-73.08	9	-642.24	9	-222.17	9	-249.72	1
609	-362	-361	Max	0.00	0.00	1	72.45	9	162.88	1	939.33	9	816.66	1	191.55	9
609	-362	-361	Max	1.13					124.18	13			590.04	13		
609	-362	-361	Max	56.62	0.00	1	53.05	9	132.18	1	383.63	9	497.13	1	191.55	9
609	-362	-361	Min.	0.00	0.00	1	-45.41	1	23.00	9	-303.06	1	-21.92	9	-163.48	1
609	-362	-361	Min.	1.13					54.93	13			177.25	13		
609	-362	-361	Min.	56.62	0.00	1	-64.81	1	58.04	9	-858.76	1	343.23	9	-163.48	1
609	-361	-360	Max	0.00	0.00	1	48.97	9	128.81	9	691.82	9	510.44	9	208.92	13
609	-361	-360	Max	56.34					133.16	3			632.72	3		
609	-361	-360	Max	56.62	0.00	1	29.57	9	149.96	9	136.12	9	730.05	9	208.92	13
609	-361	-360	Min.	0.00	0.00	1	-67.07	1	46.70	1	-531.41	1	312.92	1	-136.88	5
609	-361	-360	Min.	56.34					14.59	3			-66.65	3		
609	-361	-360	Min.	56.62	0.00	1	-86.47	1	4.32	1	-1087.11	1	-130.52	1	-136.88	5
609	-360	-359	Max	0.00	0.00	1	25.56	9	188.54	9	445.04	9	823.00	9	286.68	13
609	-360	-359	Max	42.81					194.91	9			906.89	9		

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609	-360	-359	Max	56.62	0.00	1	6.16	9	195.73	9	-110.66	9	897.97	9	286.68	13
609	-360	-359	Min.	0.00	0.00	1	-83.23	1	-107.95	1	-701.75	1	-367.78	1	-165.95	5
609	-360	-359	Min.	53.52					-155.69	1			-864.81	1		
609	-360	-359	Min.	56.62	0.00	1	-102.63	1	-158.78	1	-1257.45	1	-902.78	1	-165.95	5
609	-359	-358	Max	0.00	0.00	1	10.94	9	201.18	9	290.90	9	907.45	9	360.56	5
609	-359	-358	Max	25.00					201.69	9			935.28	9		
609	-359	-358	Max	56.62	0.00	1	-8.47	9	199.56	9	-264.80	9	889.53	9	360.56	5
609	-359	-358	Min.	0.00	0.00	1	-141.51	1	-312.81	1	-1316.11	1	-1209.93	1	-309.82	13
609	-359	-358	Min.	25.00					-317.31	9			-1416.08	9		
609	-359	-358	Min.	56.62	0.00	1	-160.91	1	-396.12	1	-1871.81	1	-2087.21	1	-309.82	13
609	-358	104	Max	0.00	0.00	1	107.21	9	203.53	9	2549.28	9	766.34	9	627.21	13
609	-358	104	Max	6.62	0.00	1	104.94	9	210.52	9	2484.27	9	931.99	9	627.21	13
609	-358	104	Min.	0.00	0.00	1	-380.93	1	-544.28	1	-8993.35	1	-1888.61	1	-930.95	5
609	-358	104	Min.	6.62	0.00	1	-383.20	1	-569.56	1	-9058.36	1	-2485.48	1	-930.95	5
609	104	-380	Max	0.00	0.00	1	197.70	1	28.14	1	2243.83	1	32.93	1	500.12	13
609	104	-380	Max	57.22	0.00	1	178.09	1	54.61	1	1682.27	1	310.76	1	500.12	13
609	104	-380	Min.	0.00	0.00	1	42.52	9	-508.71	9	622.59	9	-2650.03	9	-468.58	5
609	104	-380	Min.	57.22	0.00	1	22.91	9	-408.94	9	61.02	9	-1608.97	9	-468.58	5
609	-380	-379	Max	0.00	0.00	1	110.04	1	127.61	1	1328.03	1	512.13	1	277.66	13
609	-380	-379	Max	55.55					102.83	11			492.89	11		
609	-380	-379	Max	57.22	0.00	1	90.43	1	145.68	1	766.47	1	701.22	1	277.66	13
609	-380	-379	Min.	0.00	0.00	1	27.47	9	-242.26	9	465.33	9	-1280.31	9	-394.27	5
609	-380	-379	Min.	55.55					-169.45	11			-658.01	11		
609	-380	-379	Min.	57.22	0.00	1	7.86	9	-192.87	9	-96.23	9	-764.53	9	-394.27	5
609	-379	-378	Max	0.00	0.00	1	90.00	1	186.61	1	1118.61	1	817.32	1	212.55	9
609	-379	-378	Max	40.22					191.77	1			891.63	1		
609	-379	-378	Max	57.22	0.00	1	70.39	1	192.42	1	557.05	1	878.54	1	212.55	9
609	-379	-378	Min.	0.00	0.00	1	11.30	9	-90.73	9	296.39	9	-560.14	9	-281.54	1
609	-379	-378	Min.	35.62					-63.84	9			-253.98	9		
609	-379	-378	Min.	57.22	0.00	1	-8.31	9	-49.81	9	-265.17	9	-133.00	9	-281.54	1
609	-378	-377	Max	0.00	0.00	1	61.03	1	201.80	1	815.94	1	918.99	1	175.71	9
609	-378	-377	Max	18.22					201.25	1			934.76	1		
609	-378	-377	Max	57.22	0.00	1	41.42	1	196.44	1	254.38	1	863.64	1	175.71	9
609	-378	-377	Min.	0.00	0.00	1	-5.34	9	28.34	9	122.60	9	29.90	9	-198.32	1
609	-378	-377	Min.	14.57					36.08	9			130.65	9		
609	-378	-377	Min.	57.22	0.00	1	-24.95	9	54.34	9	-438.96	9	300.97	9	-198.32	1
609	-377	-376	Max	0.00	0.00	1	35.50	1	175.69	1	549.25	1	832.73	1	152.20	9
609	-377	-376	Max	12.39					156.06	5			729.85	5		
609	-377	-376	Max	57.22	0.00	1	15.89	1	158.87	1	-12.31	1	659.26	1	152.20	9
609	-377	-376	Min.	0.00	0.00	1	-23.29	9	97.97	9	-64.99	9	388.54	9	-131.47	1
609	-377	-376	Min.	9.51					118.19	13			528.97	13		
609	-377	-376	Min.	57.22	0.00	1	-42.90	9	110.55	9	-626.55	9	517.78	9	-131.47	1
609	-376	-375	Max	0.00	0.00	1	12.48	1	123.67	9	308.69	1	577.57	9	157.47	9
609	-376	-375	Max	28.05					124.58	9			582.06	9		
609	-376	-375	Max	57.22	0.00	1	-7.13	1	123.13	9	-252.87	1	542.08	9	157.47	9
609	-376	-375	Min.	0.00	0.00	1	-44.02	9	106.65	1	-281.54	9	518.57	1	-92.07	1
609	-376	-375	Min.	33.55					91.37	1			414.15	1		
609	-376	-375	Min.	57.22	0.00	1	-63.63	9	77.92	1	-843.10	9	248.25	1	-92.07	1
609	-375	-374	Max	0.00	0.00	1	-9.47	1	105.49	9	79.45	1	503.15	9	238.09	13
609	-375	-374	Max	0.86					105.37	9			503.18	9		
609	-375	-374	Max	57.22	0.00	1	-29.08	1	92.15	9	-482.12	1	362.40	9	238.09	13
609	-375	-374	Min.	0.00	0.00	1	-66.95	9	-7.20	1	-521.08	9	63.38	1	-124.63	5
609	-375	-374	Min.	2.99					-9.07	1			49.45	1		
609	-375	-374	Min.	57.22	0.00	1	-86.56	9	-48.80	1	-1082.64	9	-369.93	1	-124.63	5
609	-374	-373	Max	0.00	0.00	1	-33.50	5	40.35	9	-171.69	5	249.55	9	316.54	13
609	-374	-373	Max	57.22	0.00	1	-53.11	5	12.02	9	-733.25	5	-47.67	9	316.54	13
609	-374	-373	Min.	0.00	0.00	1	-88.37	13	-160.88	1	-744.90	13	-609.32	1	-179.20	5
609	-374	-373	Min.	57.22	0.00	1	-107.98	13	-213.51	1	-1306.47	13	-1157.93	1	-179.20	5
609	-373	105	Max	0.00	0.00	1	-67.82	9	-54.39	9	-702.93	9	-116.22	9	379.99	13
609	-373	105	Max	44.72	0.00	1	-83.15	9	-89.27	9	-1141.83	9	-545.82	9	379.99	13
609	-373	105	Min.	0.00	0.00	1	-281.86	1	-367.68	1	-3338.25	1	-1180.49	1	-469.06	5
609	-373	105	Min.	44.72	0.00	1	-297.19	1	-496.05	1	-3777.14	1	-2754.49	1	-469.06	5
609	105	-396	Max	12.50	0.00	1	317.16	9	-130.72	1	3849.14	9	-768.68	1	435.57	13
609	105	-396	Max	60.00	0.00	1	300.88	9	-83.80	1	3382.99	9	-217.61	1	435.57	13
609	105	-396	Min.	12.50	0.00	1	104.42	1	-502.24	9	1354.71	1	-2808.79	9	-360.29	5
609	105	-396	Min.	60.00	0.00	1	88.14	1	-356.64	9	888.56	1	-1109.46	9	-360.29	5
609	-396	-395	Max	0.00	0.00	1	114.96	1	6.15	1	1345.15	1	-83.13	1	163.03	13
609	-396	-395	Max	60.00	0.00	1	94.40	1	38.97	1	756.33	1	247.89	1	163.03	13
609	-396	-395	Min.	0.00	0.00	1	60.00	9	-196.71	9	793.43	9	-1092.13	9	-339.57	5
609	-396	-395	Min.	60.00	0.00	1	39.44	9	-136.88	9	204.61	9	-493.29	9	-339.57	5
609	-395	-394	Max	0.00	0.00	1	92.31	1	110.87	1	1117.74	1	435.03	1	99.85	13
609	-395	-394	Max	60.00	0.00	1	71.74	1	129.17	1	528.91	1	620.17	1	99.85	13
609	-395	-394	Min.	0.00	0.00	1	37.80	9	-22.04	9	570.60	9	-256.76	9	-246.51	5
609	-395	-394	Min.	60.00	0.00	1	17.23	9	25.39	9	-18.22	9	217.81	9	-246.51	5
609	-394	-393	Max	0.00	0.00	1	65.70	1	163.51	1	850.66	1	709.88	1	62.88	9
609	-394	-393	Max	40.63					168.62	1			786.06	1		
609	-394	-393	Max	60.00	0.00	1	45.14	1	169.23	1	261.83	1	772.97	1	62.88	9
609	-394	-393	Min.	0.00	0.00	1	17.67	9	113.20	9	368.58	9	405.68	9	-160.42	1
609	-394	-393	Min.	38.87					135.43	9			655.25	9		

Relazione di calcolo

609	-394	-393	Min.	60.00	0.00	1	-2.89	9	145.16	9	-220.24	9	720.84	9	-160.42	1
609	-393	-392	Max	0.00	0.00	1	42.11	1	198.24	9	613.94	1	838.80	9	73.07	9
609	-393	-392	Max	57.96					212.04	11			993.34	11		
609	-393	-392	Max	60.00	0.00	1	21.55	1	215.87	9	25.12	1	1013.12	9	73.07	9
609	-393	-392	Min.	0.00	0.00	1	-3.33	9	169.44	1	157.75	9	766.58	1	-126.47	1
609	-393	-392	Min.	59.70					166.28	3			723.11	3		
609	-393	-392	Min.	60.00	0.00	1	-23.90	9	162.75	1	-431.07	9	701.98	1	-126.47	1
609	-392	-391	Max	0.00	0.00	1	21.73	1	237.04	9	409.33	1	1051.65	9	134.29	13
609	-392	-391	Max	37.30					240.98	9			1117.10	9		
609	-392	-391	Max	60.00	0.00	1	1.17	1	241.16	9	-179.49	1	1092.65	9	134.29	13
609	-392	-391	Min.	0.00	0.00	1	-27.16	9	128.66	1	-81.43	9	617.00	1	-145.21	5
609	-392	-391	Min.	58.17					109.74	1			430.88	1		
609	-392	-391	Min.	60.00	0.00	1	-47.72	9	108.94	1	-670.25	9	419.44	1	-145.21	5
609	-391	-390	Max	0.00	0.00	1	1.87	1	230.81	9	210.02	1	1061.49	9	239.31	13
609	-391	-390	Max	12.38					229.74	9			1068.48	9		
609	-391	-390	Max	60.00	0.00	1	-18.69	1	221.14	9	-378.81	1	964.32	9	239.31	13
609	-391	-390	Min.	0.00	0.00	1	-51.93	9	38.93	1	-330.08	9	240.55	1	-204.20	5
609	-391	-390	Min.	15.68					31.68	1			191.11	1		
609	-391	-390	Min.	60.00	0.00	1	-72.50	9	6.23	1	-918.90	9	-87.61	1	-204.20	5
609	-390	-389	Max	0.00	0.00	1	-16.02	5	179.04	9	30.43	5	861.07	9	334.99	13
609	-390	-389	Max	60.00	0.00	1	-36.58	5	156.33	9	-558.39	5	633.17	9	334.99	13
609	-390	-389	Min.	0.00	0.00	1	-78.04	13	-93.83	1	-592.14	13	-332.51	1	-292.90	5
609	-390	-389	Min.	60.00	0.00	1	-98.61	13	-139.89	1	-1180.96	13	-794.93	1	-292.90	5
609	-389	108	Max	0.00	0.00	1	-11.13	9	87.48	9	-58.14	9	437.08	9	428.88	13
609	-389	108	Max	35.00	0.00	1	-23.13	9	80.14	9	-401.62	9	334.09	9	428.88	13
609	-389	108	Min.	0.00	0.00	1	-296.59	1	-269.99	1	-4096.18	1	-680.44	1	-666.49	5
609	-389	108	Min.	35.00	0.00	1	-308.59	1	-374.55	1	-4439.66	1	-2151.68	1	-666.49	5
609	108	60	Max	0.00	0.00	1	34.19	9	5.81	1	492.24	9	28.59	1	184.43	5
609	108	60	Max	6.50					5.74	1			29.11	1		
609	108	60	Max	42.00	0.00	1	30.53	9	4.72	1	387.30	9	14.30	1	184.43	5
609	108	60	Min.	0.00	0.00	1	-0.88	1	-40.30	9	15.63	1	-248.85	9	-316.49	13
609	108	60	Min.	6.50					-36.57	1			-209.75	1		
609	108	60	Min.	42.00	0.00	1	-4.54	1	-26.75	9	-89.30	1	-65.33	9	-316.49	13
610	110	113	Max	0.00	0.00	1	14.60	1	44.96	9	555.86	9	143.89	1	265.61	13
610	110	113	Max	35.45					7.54	7			-1.94	7		
610	110	113	Max	41.00	0.00	1	18.17	1	30.04	9	453.43	9	50.91	1	265.61	13
610	110	113	Min.	0.00	0.00	1	-38.19	9	-25.25	1	-175.90	1	-278.19	9	-337.03	5
610	110	113	Min.	35.45					1.03	7			-17.11	7		
610	110	113	Min.	41.00	0.00	1	-34.61	9	-18.53	1	-278.34	1	-71.43	9	-337.03	5
610	-490	110	Max	0.00	0.00	1	280.55	1	177.90	1	1753.78	9	469.56	9	310.54	5
610	-490	110	Max	35.83	0.00	1	292.83	1	280.52	1	1402.13	9	1031.89	9	310.54	5
610	-490	110	Min.	0.00	0.00	1	-118.67	9	-150.88	9	-3799.47	1	-281.33	1	-520.77	13
610	-490	110	Min.	35.83	0.00	1	-106.39	9	-191.09	9	-4151.13	1	-1702.71	1	-520.77	13
610	-491	-490	Max	0.00	0.00	1	53.70	1	10.71	1	371.83	9	642.43	9	186.81	5
610	-491	-490	Max	37.41					23.88	9			709.56	9		
610	-491	-490	Max	60.83	0.00	1	74.55	1	49.37	1	-225.17	9	682.91	9	186.81	5
610	-491	-490	Min.	0.00	0.00	1	-17.81	9	-147.95	9	-337.67	1	27.67	1	-120.49	13
610	-491	-490	Min.	32.60					-142.87	1			-131.46	1		
610	-491	-490	Min.	60.83	0.00	1	3.04	9	-152.09	9	-934.67	1	-355.20	1	-120.49	13
610	-492	-491	Max	0.00	0.00	1	27.86	1	-84.87	1	471.90	9	516.29	1	86.52	9
610	-492	-491	Max	47.65					-70.00	9			622.70	9		
610	-492	-491	Max	60.83	0.00	1	48.70	1	-62.16	1	-125.10	9	614.31	9	86.52	9
610	-492	-491	Min.	0.00	0.00	1	-27.90	9	-123.50	9	-81.34	1	421.35	9	-59.60	1
610	-492	-491	Min.	47.65					-132.40	9			288.47	9		
610	-492	-491	Min.	60.83	0.00	1	-7.05	9	-133.55	9	-678.34	1	197.75	1	-59.60	1
610	-493	-492	Max	0.00	0.00	1	6.98	1	-64.03	9	624.94	9	646.08	1	137.02	13
610	-493	-492	Max	14.06					-74.61	1			655.63	1		
610	-493	-492	Max	60.83	0.00	1	27.83	1	-83.10	9	27.93	9	564.05	5	137.02	13
610	-493	-492	Min.	0.00	0.00	1	-43.32	9	-140.79	1	125.82	1	216.35	9	-192.98	5
610	-493	-492	Min.	14.72					-134.58	9			296.09	9		
610	-493	-492	Min.	60.83	0.00	1	-22.48	9	-131.15	1	-471.18	1	391.92	13	-192.98	5
610	-494	-493	Max	0.00	0.00	1	-4.66	9	31.97	9	846.52	1	713.02	1	311.42	13
610	-494	-493	Max	32.65					4.53	1			763.16	1		
610	-494	-493	Max	60.83	0.00	1	16.19	9	3.16	9	249.52	1	725.60	1	311.42	13
610	-494	-493	Min.	0.00	0.00	1	-65.66	1	-161.59	1	241.33	9	-250.32	9	-422.21	5
610	-494	-493	Min.	30.61					-153.46	9			-59.21	9		
610	-494	-493	Min.	60.83	0.00	1	-44.81	1	-162.88	1	-355.67	9	35.71	9	-422.21	5
610	111	-494	Max	25.00	0.00	1	109.55	1	245.91	9	3633.14	9	1133.25	1	1017.17	13
610	111	-494	Max	26.60					142.87	13			421.53	13		
610	111	-494	Max	60.83	0.00	1	121.83	1	157.18	9	3281.49	9	563.26	1	1017.17	13
610	111	-494	Min.	25.00	0.00	1	-255.60	9	-212.56	1	-1446.08	1	-1488.97	9	-901.72	5
610	111	-494	Min.	26.60					-89.89	13			-858.54	13		
610	111	-494	Min.	60.83	0.00	1	-243.32	9	-171.76	1	-1797.74	1	-261.30	9	-901.72	5
610	66	111	Max	0.00	0.00	1	19.85	13	6.41	9	417.19	5	22.74	9	60.79	5
610	66	111	Max	13.00	0.00	1	20.99	13	8.78	9	384.71	5	68.09	5	60.79	5
610	66	111	Min.	0.00	0.00	1	-16.40	5	-8.97	1	-500.72	13	-5.43	1	-118.20	13
610	66	111	Min.	13.00	0.00	1	-15.27	5	-10.75	1	-533.20	13	-65.86	13	-118.20	13
613	114	109	Max	0.00	0.00	1	8.82	9	8.35	9	148.75	9	22.03	9	330.12	13
613	114	109	Max	37.96					6.37	1			32.54	1		

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613	114	109	Max	41.00	0.00	1	5.25	9	11.23	9	46.31	9	61.90	9	330.12	13
613	114	109	Min.	0.00	0.00	1	-28.16	1	-23.74	1	-363.94	1	-54.82	1	-248.19	5
613	114	109	Min.	37.96					-35.05	1			-210.83	1		
613	114	109	Min.	41.00	0.00	1	-31.74	1	-36.01	1	-466.38	1	-224.91	1	-248.19	5
613	109	-408	Max	25.00	0.00	1	243.80	9	150.69	1	4126.68	9	754.12	1	394.00	5
613	109	-408	Max	52.14	0.00	1	234.50	9	137.38	1	3860.30	9	529.34	1	394.00	5
613	109	-408	Min.	25.00	0.00	1	-45.04	1	-292.23	9	-708.96	1	-1662.95	9	-239.45	13
613	109	-408	Min.	52.14	0.00	1	-54.34	1	-227.49	9	-975.34	1	-582.80	9	-239.45	13
613	-408	-407	Max	0.00	0.00	1	93.04	9	156.06	1	1207.10	9	693.14	1	97.22	13
613	-408	-407	Max	28.60					157.80	1			732.44	1		
613	-408	-407	Max	52.14	0.00	1	75.17	9	157.18	1	695.38	9	706.13	1	97.22	13
613	-408	-407	Min.	0.00	0.00	1	10.09	1	-112.03	9	268.98	1	-678.33	9	-119.86	5
613	-408	-407	Min.	33.06					-83.44	9			-335.95	9		
613	-408	-407	Min.	52.14	0.00	1	-7.78	1	-68.68	9	-242.73	1	-188.47	9	-119.86	5
613	-407	-406	Max	0.00	0.00	1	65.95	9	159.44	1	900.81	9	733.76	1	83.68	9
613	-407	-406	Max	11.70					158.80	1			740.46	1		
613	-407	-406	Max	52.14	0.00	1	48.08	9	152.97	1	389.10	9	660.58	1	83.68	9
613	-407	-406	Min.	0.00	0.00	1	-3.63	1	16.78	9	113.74	1	-41.66	9	-105.18	1
613	-407	-406	Min.	5.40					29.71	11			54.88	11		
613	-407	-406	Min.	52.14	0.00	1	-21.50	1	46.44	9	-397.98	1	293.72	9	-105.18	1
613	-406	-405	Max	0.00	0.00	1	49.64	1	130.79	9	716.26	1	641.30	9	182.87	13
613	-406	-405	Max	4.53					126.57	13			597.04	13		
613	-406	-405	Max	52.14	0.00	1	31.77	1	128.13	9	204.54	1	637.58	1	182.87	13
613	-406	-405	Min.	0.00	0.00	1	-25.77	9	106.29	1	-136.66	9	397.08	1	-168.78	5
613	-406	-405	Min.	4.53					112.45	13			471.70	13		
613	-406	-405	Min.	52.14	0.00	1	-43.64	9	112.08	1	-648.38	9	436.19	9	-168.78	5
613	-405	-404	Max	0.00	0.00	1	34.04	1	165.46	9	539.87	1	720.54	9	334.00	13
613	-405	-404	Max	46.47					172.34	9			804.86	9		
613	-405	-404	Max	52.14	0.00	1	16.17	1	172.80	9	28.15	1	803.54	9	334.00	13
613	-405	-404	Min.	0.00	0.00	1	-49.12	9	59.76	1	-400.81	9	331.82	1	-284.34	5
613	-405	-404	Min.	51.62					35.55	1			58.86	1		
613	-405	-404	Min.	52.14	0.00	1	-66.99	9	35.25	1	-912.52	9	54.51	1	-284.34	5
613	-404	-403	Max	0.00	0.00	1	24.52	1	184.38	9	432.16	1	836.11	9	496.44	13
613	-404	-403	Max	23.39					184.81	9			856.19	9		
613	-404	-403	Max	52.14	0.00	1	6.65	1	183.50	9	-79.55	1	826.56	9	496.44	13
613	-404	-403	Min.	0.00	0.00	1	-78.03	9	-41.12	1	-727.63	9	-91.89	1	-427.32	5
613	-404	-403	Min.	45.03					-71.80	1			-427.38	1		
613	-404	-403	Min.	52.14	0.00	1	-95.90	9	-77.46	1	-1239.34	9	-503.22	1	-427.32	5
613	-403	112	Max	0.00	0.00	1	77.76	9	178.91	9	1367.34	9	687.56	9	779.55	13
613	-403	112	Max	27.14	0.00	1	68.46	9	197.31	9	1100.97	9	994.70	9	779.55	13
613	-403	112	Min.	0.00	0.00	1	-201.77	1	-183.89	1	-3312.40	1	-460.72	1	-820.40	5
613	-403	112	Min.	27.14	0.00	1	-211.07	1	-238.47	1	-3578.77	1	-1368.10	1	-820.40	5
613	112	65	Max	0.00	0.00	5	30.59	5	15.80	13	776.27	5	103.69	13	62.92	5
613	112	65	Max	13.00	0.00	5	29.45	5	12.75	13	743.79	5	26.53	13	62.92	5
613	112	65	Min.	0.00	0.00	5	-22.88	13	-17.60	5	-577.36	13	-121.39	5	-56.03	13
613	112	65	Min.	13.00	0.00	5	-24.01	13	-13.70	5	-609.84	13	-22.59	5	-56.03	13

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-3612.22	10	1169.43	2	1321.25	10	1326.71	14	940.92	6	164.51	6
21	1	101	Max	262.01	-2793.43	10	1169.43	2	125.83	2	1326.71	14	1233.40	14	164.51	6
21	1	101	Min.	0.00	-5308.81	2	-1754.20	10	-2940.25	2	-856.31	6	-2243.36	14	-165.98	14
21	1	101	Min.	262.01	-4490.02	2	-1754.20	10	-3277.00	10	-856.30	6	-1303.33	6	-165.98	14
22	2	102	Max	0.00	-4392.56	2	1786.76	2	2335.76	10	794.34	10	1577.92	2	154.62	6
22	2	102	Max	279.01	-3520.65	2	1786.75	2	1248.77	2	794.34	10	473.96	10	154.62	6
22	2	102	Min.	0.00	-5352.15	10	-1604.12	10	-3737.79	2	-1347.88	2	-1742.56	10	-156.01	14
22	2	102	Min.	279.01	-4480.24	10	-1604.12	10	-2141.21	10	-1347.88	2	-2183.03	2	-156.01	14
23	3	103	Max	0.00	-7790.44	2	2217.74	6	2244.52	14	1299.40	10	2524.86	2	154.62	6
23	3	103	Max	279.01	-6918.53	2	2217.74	6	1969.86	6	1299.40	10	1753.99	10	154.62	6
23	3	103	Min.	0.00	-8399.82	10	-1353.44	14	-4217.98	6	-1583.46	2	-1871.54	10	-156.01	14
23	3	103	Min.	279.01	-7527.90	10	-1353.44	14	-1531.81	14	-1583.46	2	-1893.23	2	-156.01	14
24	4	104	Max	0.00	-6831.54	10	2185.19	2	4057.84	10	1412.99	14	1001.57	6	164.51	6
24	4	104	Max	262.01	-6012.75	10	2185.19	2	2482.77	2	1413.00	14	1333.22	14	164.51	6
24	4	104	Min.	0.00	-7595.36	2	-2352.99	10	-3243.00	2	-797.68	6	-2369.03	14	-165.98	14
24	4	104	Min.	262.01	-6776.57	2	-2352.98	10	-2107.58	10	-797.67	6	-1088.46	6	-165.98	14
25	5	105	Max	0.00	-7418.28	14	559.74	14	1438.18	6	815.61	2	1408.19	10	44.43	6
25	5	105	Max	262.01	-7008.89	14	559.74	14	809.10	14	815.61	2	921.57	2	44.43	6
25	5	105	Min.	0.00	-7767.50	6	-936.39	6	-657.51	14	-1054.15	10	-1215.44	2	-44.83	14
25	5	105	Min.	262.01	-7358.10	6	-936.39	6	-1015.30	6	-1054.15	10	-1353.81	10	-44.83	14
26	6	106	Max	0.00	-8352.34	14	942.44	14	545.49	6	843.31	10	1617.56	2	41.76	6
26	6	106	Max	279.01	-7916.38	14	942.44	14	1203.31	14	843.31	10	1035.57	10	41.76	6
26	6	106	Min.	0.00	-8693.15	6	-433.37	6	-1426.22	14	-1145.82	2	-1317.36	10	-42.13	14
26	6	106	Min.	279.01	-8257.19	6	-433.37	6	-663.66	6	-1145.82	2	-1579.42	2	-42.13	14
27	7	107	Max	0.00	-5010.96	10	1123.55	14	1116.58	6	1501.42	10	734.38	2	41.76	6
27	7	107	Max	279.01	-4575.00	10	1123.55	14	1408.85	14	1501.42	10	2229.67	10	41.76	6
27	7	107	Min.	0.00	-5750.11	2	-862.52	6	-1726.02	14	-223.38	2	-1959.49	10	-42.13	14
27	7	107	Min.	279.01	-5314.15	2	-862.52	6	-1289.96	6	-223.38	2	111.11	2	-42.13	14

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28	8	108	Max	0.00	-4267.76	6	973.92	14	1735.47	6	1442.55	2	593.61	10	44.43	6
28	8	108	Max	262.01	-3858.36	6	973.92	14	1396.79	14	1442.55	2	2053.64	2	44.43	6
28	8	108	Min.	0.00	-4977.20	14	-1140.04	6	-1155.02	14	-93.78	10	-1726.05	2	-44.83	14
28	8	108	Min.	262.01	-4567.81	14	-1140.04	6	-1251.59	6	-93.78	10	347.87	10	-44.83	14
29	9	109	Max	0.00	-3276.96	6	1130.58	14	1935.12	6	342.45	2	1350.37	10	44.43	6
29	9	109	Max	262.01	-2867.57	6	1130.58	14	1514.38	14	342.45	2	174.14	2	44.43	6
29	9	109	Min.	0.00	-4423.76	14	-1258.17	6	-1447.90	14	-1100.55	10	-723.20	2	-44.83	14
29	9	109	Min.	262.01	-4014.36	14	-1258.17	6	-1361.46	6	-1100.55	10	-1533.28	10	-44.83	14
30	10	110	Max	0.00	-3953.33	10	1198.42	14	1600.09	6	541.99	10	1418.98	2	41.76	6
30	10	110	Max	279.01	-3517.37	10	1198.42	14	1482.25	14	541.99	10	485.69	10	41.76	6
30	10	110	Min.	0.00	-5392.50	2	-1126.33	6	-1861.53	14	-1091.55	2	-1026.57	10	-42.13	14
30	10	110	Min.	279.01	-4956.55	2	-1126.33	6	-1542.55	6	-1091.55	2	-1626.60	2	-42.13	14
31	11	111	Max	0.00	-3423.97	10	1394.92	14	1946.37	6	943.70	10	1007.70	2	41.76	6
31	11	111	Max	279.01	-2988.01	10	1394.92	14	1724.51	14	943.70	10	1488.87	10	41.76	6
31	11	111	Min.	0.00	-4466.25	2	-1319.75	6	-2167.49	14	-533.51	2	-1144.20	10	-42.13	14
31	11	111	Min.	279.01	-4030.30	2	-1319.75	6	-1735.90	6	-533.51	2	-480.90	2	-42.13	14
32	12	112	Max	0.00	-2572.19	2	1256.48	14	2264.61	6	826.38	2	838.63	10	44.43	6
32	12	112	Max	262.01	-2162.79	2	1256.48	14	1612.84	14	826.38	2	1283.32	2	44.43	6
32	12	112	Min.	0.00	-3611.61	10	-1464.64	6	-1679.43	14	-424.51	10	-882.08	2	-44.83	14
32	12	112	Min.	262.01	-3202.21	10	-1464.65	6	-1573.07	6	-424.51	10	-273.84	10	-44.83	14
401	35	-57	Max	0.00	0.00	2	0.00	2	0.00	2	-1699.51	10	2616.60	2	287.46	14
401	35	-57	Max	37.31	0.00	2	0.00	2	0.00	2	-1252.80	10	1450.17	2	287.46	14
401	35	-57	Min.	0.00	0.00	2	0.00	2	0.00	2	-3463.37	2	-802.73	10	-264.66	6
401	35	-57	Min.	37.31	0.00	2	0.00	2	0.00	2	-2880.40	2	-1369.71	10	-264.66	6
401	-57	-58	Max	0.00	0.00	2	0.00	2	0.00	2	-1252.79	10	1450.17	2	287.46	14
401	-57	-58	Max	37.31	0.00	2	0.00	2	0.00	2	-817.36	10	504.81	2	287.46	14
401	-57	-58	Min.	0.00	0.00	2	0.00	2	0.00	2	-2880.40	2	-1369.71	10	-264.66	6
401	-57	-58	Min.	37.31	0.00	2	0.00	2	0.00	2	-2308.15	2	-1777.66	10	-264.66	6
401	-58	-59	Max	0.00	0.00	2	0.00	2	0.00	2	-817.36	10	504.81	2	287.46	14
401	-58	-59	Max	37.31	0.00	2	0.00	2	0.00	2	-390.59	10	-224.41	2	287.46	14
401	-58	-59	Min.	0.00	0.00	2	0.00	2	0.00	2	-2308.15	2	-1777.66	10	-264.66	6
401	-58	-59	Min.	37.31	0.00	2	0.00	2	0.00	2	-1748.17	2	-2029.83	10	-264.66	6
401	-59	-60	Max	0.00	0.00	2	0.00	2	0.00	2	-390.59	10	-224.41	2	287.46	14
401	-59	-60	Max	37.31	0.00	2	0.00	2	0.00	2	30.81	10	-745.63	2	287.46	14
401	-59	-60	Min.	0.00	0.00	2	0.00	2	0.00	2	-1748.16	2	-2029.83	10	-264.66	6
401	-59	-60	Min.	37.31	0.00	2	0.00	2	0.00	2	-1200.78	2	-2125.31	10	-264.66	6
401	-60	-61	Max	0.00	0.00	2	0.00	2	0.00	2	30.81	10	-745.63	2	287.46	14
401	-60	-61	Max	3.84									-799.66	10		
401	-60	-61	Max	37.31	0.00	2	0.00	2	0.00	2	450.73	10	-1057.07	10	287.46	14
401	-60	-61	Min.	0.00	0.00	2	0.00	2	0.00	2	-1200.79	2	-2125.31	10	-264.66	6
401	-60	-61	Min.	3.84									-2126.16	10		
401	-60	-61	Min.	37.31	0.00	2	0.00	2	0.00	2	-665.60	2	-2071.85	2	-264.66	6
401	-61	-62	Max	0.00	0.00	2	0.00	2	0.00	2	450.73	10	-1057.07	10	287.46	14
401	-61	-62	Max	1.71									-1184.26	6		
401	-61	-62	Max	37.31	0.00	2	0.00	2	0.00	2	873.73	10	-1155.50	14	287.46	14
401	-61	-62	Min.	0.00	0.00	2	0.00	2	0.00	2	-665.60	2	-2071.85	2	-264.66	6
401	-61	-62	Min.	1.71									-1958.74	6		
401	-61	-62	Min.	37.31	0.00	2	0.00	2	0.00	2	-142.01	2	-1876.82	6	-264.66	6
401	-62	-63	Max	0.00	0.00	2	0.00	2	0.00	2	873.73	10	-1155.50	14	287.46	14
401	-62	-63	Max	37.31	0.00	2	0.00	2	0.00	2	1304.64	10	-966.38	14	287.46	14
401	-62	-63	Min.	0.00	0.00	2	0.00	2	0.00	2	-142.01	2	-1876.82	6	-264.66	6
401	-62	-63	Min.	37.31	0.00	2	0.00	2	0.00	2	370.32	2	-1616.97	6	-264.66	6
401	-63	-64	Max	0.00	0.00	2	0.00	2	0.00	2	1304.64	10	-966.38	14	287.46	14
401	-63	-64	Max	37.31	0.00	2	0.00	2	0.00	2	1746.74	10	-576.09	14	287.46	14
401	-63	-64	Min.	0.00	0.00	2	0.00	2	0.00	2	370.34	2	-1616.97	6	-264.66	6
401	-63	-64	Min.	37.31	0.00	2	0.00	2	0.00	2	872.91	2	-1206.24	6	-264.66	6
401	-64	-65	Max	0.00	0.00	2	0.00	2	0.00	2	1746.74	10	-576.09	14	287.46	14
401	-64	-65	Max	37.31	0.00	2	0.00	2	0.00	2	2200.20	10	15.12	14	287.46	14
401	-64	-65	Min.	0.00	0.00	2	0.00	2	0.00	2	872.90	2	-1206.24	6	-264.66	6
401	-64	-65	Min.	37.31	0.00	2	0.00	2	0.00	2	1369.20	2	-643.18	6	-264.66	6
401	-65	-66	Max	0.00	0.00	2	0.00	2	0.00	2	2200.20	10	15.13	14	287.46	14
401	-65	-66	Max	37.31	0.00	2	0.00	2	0.00	2	2663.72	10	884.35	10	287.46	14
401	-65	-66	Min.	0.00	0.00	2	0.00	2	0.00	2	1369.21	2	-643.18	6	-264.66	6
401	-65	-66	Min.	37.31	0.00	2	0.00	2	0.00	2	1862.63	2	-2.45	2	-264.66	6
401	-66	-67	Max	0.00	0.00	2	0.00	2	0.00	2	2663.74	10	884.35	10	287.46	14
401	-66	-67	Max	37.31	0.00	2	0.00	2	0.00	2	3135.45	10	1931.13	10	287.46	14
401	-66	-67	Min.	0.00	0.00	2	0.00	2	0.00	2	1862.65	2	-2.45	2	-264.66	6
401	-66	-67	Min.	37.31	0.00	2	0.00	2	0.00	2	2354.83	2	819.09	2	-264.66	6
401	-67	-68	Max	0.00	0.00	2	0.00	2	0.00	2	3135.45	10	1931.13	10	287.46	14
401	-67	-68	Max	37.31	0.00	2	0.00	2	0.00	2	3612.47	10	3158.89	10	287.46	14
401	-67	-68	Min.	0.00	0.00	2	0.00	2	0.00	2	2354.82	2	819.09	2	-264.66	6
401	-67	-68	Min.	37.31	0.00	2	0.00	2	0.00	2	2845.54	2	1820.06	2	-264.66	6
401	-68	5	Max	0.00	0.00	2	0.00	2	0.00	2	3612.48	10	3158.89	10	287.46	14
401	-68	5	Max	24.81	0.00	2	0.00	2	0.00	2	3930.46	10	4079.12	10	287.46	14
401	-68	5	Min.	0.00	0.00	2	0.00	2	0.00	2	2845.54	2	1820.06	2	-264.66	6
401	-68	5	Min.	24.81	0.00	2	0.00	2	0.00	2	3170.12	2	2581.68	2	-264.66	6
401	5	-44	Max	12.50	0.00	2	0.00	2	0.00	2	-3148.45	6	3747.73	2	219.10	14
401	5	-44	Max	38.57	0.00	2	0.00	2	0.00	2	-2846.74	6	2816.46	2	219.10	14
401	5	-44	Min.	12.50	0.00	2	0.00	2	0.00	2	-3859.79	14	2746.70	10	-228.06	6

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401	5	-44	Min.	38.57	0.00	2	0.00	2	0.00	2	-3494.67	14	1937.98	10	-228.06	6
401	-44	-45	Max	0.00	0.00	2	0.00	2	0.00	2	-2846.66	6	2816.47	2	219.10	14
401	-44	-45	Max	38.57	0.00	2	0.00	2	0.00	2	-2407.32	6	1621.36	2	219.10	14
401	-44	-45	Min.	0.00	0.00	2	0.00	2	0.00	2	-3494.59	14	1937.99	10	-228.06	6
401	-44	-45	Min.	38.57	0.00	2	0.00	2	0.00	2	-2961.79	14	875.41	10	-228.06	6
401	-45	-46	Max	0.00	0.00	2	0.00	2	0.00	2	-2407.32	6	1621.36	2	219.10	14
401	-45	-46	Max	38.57	0.00	2	0.00	2	0.00	2	-1968.35	2	622.49	2	219.10	14
401	-45	-46	Min.	0.00	0.00	2	0.00	2	0.00	2	-2961.79	14	875.41	10	-228.06	6
401	-45	-46	Min.	38.57	0.00	2	0.00	2	0.00	2	-2451.59	10	-12.74	10	-228.06	6
401	-46	-47	Max	0.00	0.00	2	0.00	2	0.00	2	-1968.38	2	622.48	2	219.10	14
401	-46	-47	Max	38.57	0.00	2	0.00	2	0.00	2	-1532.19	2	-132.16	6	219.10	14
401	-46	-47	Min.	0.00	0.00	2	0.00	2	0.00	2	-2451.62	10	-12.74	10	-228.06	6
401	-46	-47	Min.	38.57	0.00	2	0.00	2	0.00	2	-1964.31	10	-784.34	14	-228.06	6
401	-47	-48	Max	0.00	0.00	2	0.00	2	0.00	2	-1532.18	2	-132.16	6	219.10	14
401	-47	-48	Max	38.57	0.00	2	0.00	2	0.00	2	-1106.48	10	-700.52	6	219.10	14
401	-47	-48	Min.	0.00	0.00	2	0.00	2	0.00	2	-1964.29	10	-784.34	14	-228.06	6
401	-47	-48	Min.	38.57	0.00	2	0.00	2	0.00	2	-1492.34	2	-1390.67	14	-228.06	6
401	-48	-49	Max	0.00	0.00	2	0.00	2	0.00	2	-1106.47	10	-700.52	6	219.10	14
401	-48	-49	Max	38.57	0.00	2	0.00	2	0.00	2	-685.69	10	-1111.39	6	219.10	14
401	-48	-49	Min.	0.00	0.00	2	0.00	2	0.00	2	-1492.33	2	-1390.67	14	-228.06	6
401	-48	-49	Min.	38.57	0.00	2	0.00	2	0.00	2	-1038.26	2	-1812.78	14	-228.06	6
401	-49	-50	Max	0.00	0.00	2	0.00	2	0.00	2	-685.69	10	-1111.39	6	219.10	14
401	-49	-50	Max	38.57	0.00	2	0.00	2	0.00	2	-263.21	10	-1360.77	6	219.10	14
401	-49	-50	Min.	0.00	0.00	2	0.00	2	0.00	2	-1038.26	2	-1812.78	14	-228.06	6
401	-49	-50	Min.	38.57	0.00	2	0.00	2	0.00	2	-603.99	2	-2062.61	14	-228.06	6
401	-50	-51	Max	0.00	0.00	2	0.00	2	0.00	2	-263.21	10	-1360.77	6	219.10	14
401	-50	-51	Max	37.80									-1473.17	14		
401	-50	-51	Max	38.57	0.00	2	0.00	2	0.00	2	170.64	10	-1448.24	6	219.10	14
401	-50	-51	Min.	0.00	0.00	2	0.00	2	0.00	2	-603.99	2	-2062.61	14	-228.06	6
401	-50	-51	Min.	37.80									-2146.51	14		
401	-50	-51	Min.	38.57	0.00	2	0.00	2	0.00	2	-193.25	2	-2146.46	14	-228.06	6
401	-51	-52	Max	0.00	0.00	2	0.00	2	0.00	2	170.65	10	-1448.23	6	219.10	14
401	-51	-52	Max	12.69									-1582.28	2		
401	-51	-52	Max	38.57	0.00	2	0.00	2	0.00	2	610.29	10	-1389.69	6	219.10	14
401	-51	-52	Min.	0.00	0.00	2	0.00	2	0.00	2	-193.24	2	-2146.46	14	-228.06	6
401	-51	-52	Min.	11.29									-1997.85	10		
401	-51	-52	Min.	38.57	0.00	2	0.00	2	0.00	2	206.12	2	-2051.84	14	-228.06	6
401	-52	-53	Max	0.00	0.00	2	0.00	2	0.00	2	610.29	10	-1389.69	6	219.10	14
401	-52	-53	Max	38.57	0.00	2	0.00	2	0.00	2	1062.57	14	-1188.70	6	219.10	14
401	-52	-53	Min.	0.00	0.00	2	0.00	2	0.00	2	206.11	2	-2051.85	14	-228.06	6
401	-52	-53	Min.	38.57	0.00	2	0.00	2	0.00	2	593.82	6	-1776.08	14	-228.06	6
401	-53	-54	Max	0.00	0.00	2	0.00	2	0.00	2	1062.59	14	-1188.70	6	219.10	14
401	-53	-54	Max	38.57	0.00	2	0.00	2	0.00	2	1552.41	14	-767.65	10	219.10	14
401	-53	-54	Min.	0.00	0.00	2	0.00	2	0.00	2	593.84	6	-1776.08	14	-228.06	6
401	-53	-54	Min.	38.57	0.00	2	0.00	2	0.00	2	951.22	6	-1394.97	2	-228.06	6
401	-54	-55	Max	0.00	0.00	2	0.00	2	0.00	2	1552.40	14	-767.66	10	219.10	14
401	-54	-55	Max	38.57	0.00	2	0.00	2	0.00	2	2054.17	14	-148.16	10	219.10	14
401	-54	-55	Min.	0.00	0.00	2	0.00	2	0.00	2	951.21	6	-1394.97	2	-228.06	6
401	-54	-55	Min.	38.57	0.00	2	0.00	2	0.00	2	1308.20	6	-883.66	2	-228.06	6
401	-55	-56	Max	0.00	0.00	2	0.00	2	0.00	2	2054.16	14	-148.16	10	219.10	14
401	-55	-56	Max	38.57	0.00	2	0.00	2	0.00	2	2569.34	14	674.54	10	219.10	14
401	-55	-56	Min.	0.00	0.00	2	0.00	2	0.00	2	1308.20	6	-883.66	2	-228.06	6
401	-55	-56	Min.	38.57	0.00	2	0.00	2	0.00	2	1666.57	6	-241.53	2	-228.06	6
401	-56	8	Max	0.00	0.00	2	0.00	2	0.00	2	2569.39	14	674.54	10	219.10	14
401	-56	8	Max	13.57	0.00	2	0.00	2	0.00	2	2753.87	14	1014.67	10	219.10	14
401	-56	8	Min.	0.00	0.00	2	0.00	2	0.00	2	1666.62	6	-241.53	2	-228.06	6
401	-56	8	Min.	13.57	0.00	2	0.00	2	0.00	2	1793.18	6	14.25	2	-228.06	6
401	8	-38	Max	0.00	0.00	2	0.00	2	0.00	2	-1368.64	2	2235.03	2	175.79	14
401	8	-38	Max	34.71	0.00	2	0.00	2	0.00	2	-970.19	10	1477.24	2	175.79	14
401	8	-38	Min.	0.00	0.00	2	0.00	2	0.00	2	-2404.04	10	972.55	10	-338.40	6
401	8	-38	Min.	34.71	0.00	2	0.00	2	0.00	2	-1990.20	2	561.51	10	-338.40	6
401	-38	-39	Max	0.00	0.00	2	0.00	2	0.00	2	-970.21	10	1477.24	2	175.79	14
401	-38	-39	Max	34.71	0.00	2	0.00	2	0.00	2	-558.78	10	862.98	2	175.79	14
401	-38	-39	Min.	0.00	0.00	2	0.00	2	0.00	2	-1990.22	2	561.51	10	-338.40	6
401	-38	-39	Min.	34.71	0.00	2	0.00	2	0.00	2	-1580.31	2	290.27	10	-338.40	6
401	-39	-40	Max	0.00	0.00	2	0.00	2	0.00	2	-558.77	10	862.99	2	175.79	14
401	-39	-40	Max	34.71	0.00	2	0.00	2	0.00	2	-136.40	10	393.47	2	175.79	14
401	-39	-40	Min.	0.00	0.00	2	0.00	2	0.00	2	-1580.29	2	290.28	10	-338.40	6
401	-39	-40	Min.	34.71	0.00	2	0.00	2	0.00	2	-1174.94	2	160.81	10	-338.40	6
401	-40	-41	Max	0.00	0.00	2	0.00	2	0.00	2	-136.42	10	393.47	2	175.79	14
401	-40	-41	Max	34.71	0.00	2	0.00	2	0.00	2	304.53	10	217.08	2	175.79	14
401	-40	-41	Min.	0.00	0.00	2	0.00	2	0.00	2	-1174.95	2	160.81	10	-338.40	6
401	-40	-41	Min.	34.71	0.00	2	0.00	2	0.00	2	-782.46	2	26.43	10	-338.40	6
401	-41	-42	Max	0.00	0.00	2	0.00	2	0.00	2	304.55	10	217.09	2	175.79	14
401	-41	-42	Max	26.67									112.07	8		
401	-41	-42	Max	34.71	0.00	2	0.00	2	0.00	2	763.93	10	378.61	10	175.79	14
401	-41	-42	Min.	0.00	0.00	2	0.00	2	0.00	2	-782.46	2	26.43	10	-338.40	6
401	-41	-42	Min.	26.67									86.35	8		
401	-41	-42	Min.	34.71	0.00	2	0.00	2	0.00	2	-403.72	2	-155.66	2	-338.40	6

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401	-42	-43	Max	0.00	0.00	2	0.00	2	0.00	2	763.92	10	378.61	10	175.79	14
401	-42	-43	Max	28.46									646.59	10		
401	-42	-43	Max	34.71	0.00	2	0.00	2	0.00	2	1234.96	10	720.39	10	175.79	14
401	-42	-43	Min.	0.00	0.00	2	0.00	2	0.00	2	-403.73	2	-155.66	2	-338.40	6
401	-42	-43	Min.	28.46									-191.40	10		
401	-42	-43	Min.	34.71	0.00	2	0.00	2	0.00	2	-31.82	2	-226.18	2	-338.40	6
401	-43	33	Max	0.00	0.00	2	0.00	2	0.00	2	1234.97	10	720.39	10	175.79	14
401	-43	33	Max	1.98									706.20	2		
401	-43	33	Max	34.71	0.00	2	0.00	2	0.00	2	1713.17	10	1228.64	10	175.79	14
401	-43	33	Min.	0.00	0.00	2	0.00	2	0.00	2	-31.82	2	-226.18	2	-338.40	6
401	-43	33	Min.	1.98									-226.38	2		
401	-43	33	Min.	34.71	0.00	2	0.00	2	0.00	2	336.80	2	-169.95	2	-338.40	6
402	-18	36	Max	0.00	0.00	2	0.00	2	0.00	2	2607.30	10	1045.31	10	-33.83	10
402	-18	36	Max	37.31	0.00	2	0.00	2	0.00	2	3162.75	10	2100.12	10	-33.83	10
402	-18	36	Min.	0.00	0.00	2	0.00	2	0.00	2	1162.22	2	-724.44	2	-448.30	2
402	-18	36	Min.	37.31	0.00	2	0.00	2	0.00	2	1543.95	2	-198.07	2	-448.30	2
402	-17	-18	Max	0.00	0.00	2	0.00	2	0.00	2	2056.52	10	197.76	10	-33.83	10
402	-17	-18	Max	37.31	0.00	2	0.00	2	0.00	2	2607.30	10	1045.31	10	-33.83	10
402	-17	-18	Min.	0.00	0.00	2	0.00	2	0.00	2	775.45	2	-1108.32	2	-448.30	2
402	-17	-18	Min.	37.31	0.00	2	0.00	2	0.00	2	1162.22	2	-724.44	2	-448.30	2
402	-16	-17	Max	0.00	0.00	2	0.00	2	0.00	2	1511.87	10	-447.42	10	-33.83	10
402	-16	-17	Max	37.31	0.00	2	0.00	2	0.00	2	2056.53	10	197.77	10	-33.83	10
402	-16	-17	Min.	0.00	0.00	2	0.00	2	0.00	2	381.64	2	-1344.68	2	-448.30	2
402	-16	-17	Min.	37.31	0.00	2	0.00	2	0.00	2	775.44	2	-1108.32	2	-448.30	2
402	-15	-16	Max	0.00	0.00	2	0.00	2	0.00	2	974.13	10	-864.47	14	-33.83	10
402	-15	-16	Max	37.31	0.00	2	0.00	2	0.00	2	1511.88	10	-447.41	10	-33.83	10
402	-15	-16	Min.	0.00	0.00	2	0.00	2	0.00	2	-22.25	2	-1458.55	6	-448.30	2
402	-15	-16	Min.	37.31	0.00	2	0.00	2	0.00	2	381.65	2	-1344.68	2	-448.30	2
402	-14	-15	Max	0.00	0.00	2	0.00	2	0.00	2	443.76	10	-987.40	6	-33.83	10
402	-14	-15	Max	34.43									-916.80	2		
402	-14	-15	Max	37.31	0.00	2	0.00	2	0.00	2	974.10	10	-864.48	14	-33.83	10
402	-14	-15	Min.	0.00	0.00	2	0.00	2	0.00	2	-440.19	2	-1514.11	14	-448.30	2
402	-14	-15	Min.	5.92									-1515.95	14		
402	-14	-15	Min.	37.31	0.00	2	0.00	2	0.00	2	-22.24	2	-1458.55	6	-448.30	2
402	-13	-14	Max	0.00	0.00	2	0.00	2	0.00	2	-80.22	10	-890.58	6	-33.83	10
402	-13	-14	Max	36.93									-1028.70	8		
402	-13	-14	Max	37.31	0.00	2	0.00	2	0.00	2	443.78	10	-987.40	6	-33.83	10
402	-13	-14	Min.	0.00	0.00	2	0.00	2	0.00	2	-875.28	2	-1433.76	14	-448.30	2
402	-13	-14	Min.	34.34									-1473.49	16		
402	-13	-14	Min.	37.31	0.00	2	0.00	2	0.00	2	-440.20	2	-1514.11	14	-448.30	2
402	-12	-13	Max	0.00	0.00	2	0.00	2	0.00	2	-601.46	10	-578.80	2	-33.83	10
402	-12	-13	Max	37.31	0.00	2	0.00	2	0.00	2	-80.23	10	-890.58	6	-33.83	10
402	-12	-13	Min.	0.00	0.00	2	0.00	2	0.00	2	-1327.96	2	-1207.91	10	-448.30	2
402	-12	-13	Min.	37.31	0.00	2	0.00	2	0.00	2	-875.28	2	-1433.76	14	-448.30	2
402	-11	-12	Max	0.00	0.00	2	0.00	2	0.00	2	-1123.81	10	-24.89	2	-33.83	10
402	-11	-12	Max	37.31	0.00	2	0.00	2	0.00	2	-601.45	10	-578.80	2	-33.83	10
402	-11	-12	Min.	0.00	0.00	2	0.00	2	0.00	2	-1797.83	2	-857.51	10	-448.30	2
402	-11	-12	Min.	37.31	0.00	2	0.00	2	0.00	2	-1327.95	2	-1207.91	10	-448.30	2
402	-10	-11	Max	0.00	0.00	2	0.00	2	0.00	2	-1649.95	10	705.17	2	-33.83	10
402	-10	-11	Max	37.31	0.00	2	0.00	2	0.00	2	-1123.81	10	-24.89	2	-33.83	10
402	-10	-11	Min.	0.00	0.00	2	0.00	2	0.00	2	-2284.48	2	-309.34	10	-448.30	2
402	-10	-11	Min.	37.31	0.00	2	0.00	2	0.00	2	-1797.83	2	-857.51	10	-448.30	2
402	-9	-10	Max	0.00	0.00	2	0.00	2	0.00	2	-2181.26	10	1623.30	2	-33.83	10
402	-9	-10	Max	37.31	0.00	2	0.00	2	0.00	2	-1649.96	10	705.17	2	-33.83	10
402	-9	-10	Min.	0.00	0.00	2	0.00	2	0.00	2	-2787.00	2	432.61	10	-448.30	2
402	-9	-10	Min.	37.31	0.00	2	0.00	2	0.00	2	-2284.50	2	-309.34	10	-448.30	2
402	-8	-9	Max	0.00	0.00	2	0.00	2	0.00	2	-2677.33	14	2742.14	2	-33.83	10
402	-8	-9	Max	37.31	0.00	2	0.00	2	0.00	2	-2181.25	10	1623.30	2	-33.83	10
402	-8	-9	Min.	0.00	0.00	2	0.00	2	0.00	2	-3343.65	6	1363.18	10	-448.30	2
402	-8	-9	Min.	37.31	0.00	2	0.00	2	0.00	2	-2786.99	2	432.61	10	-448.30	2
402	-7	-8	Max	0.00	0.00	2	0.00	2	0.00	2	-3177.98	14	4063.22	2	-33.83	10
402	-7	-8	Max	37.31	0.00	2	0.00	2	0.00	2	-2677.34	14	2742.13	2	-33.83	10
402	-7	-8	Min.	0.00	0.00	2	0.00	2	0.00	2	-3909.41	6	2486.95	10	-448.30	2
402	-7	-8	Min.	37.31	0.00	2	0.00	2	0.00	2	-3343.66	6	1363.17	10	-448.30	2
402	6	-7	Max	12.50	0.00	2	0.00	2	0.00	2	-3511.86	14	5052.69	2	-33.83	10
402	6	-7	Max	37.31	0.00	2	0.00	2	0.00	2	-3178.02	14	4063.21	2	-33.83	10
402	6	-7	Min.	12.50	0.00	2	0.00	2	0.00	2	-4288.03	6	3344.08	10	-448.30	2
402	6	-7	Min.	37.31	0.00	2	0.00	2	0.00	2	-3909.45	6	2486.94	10	-448.30	2
402	-31	6	Max	0.00	0.00	2	0.00	2	0.00	2	3832.28	10	3574.54	10	235.60	10
402	-31	6	Max	26.07	0.00	2	0.00	2	0.00	2	4226.54	10	4606.53	10	235.60	10
402	-31	6	Min.	0.00	0.00	2	0.00	2	0.00	2	3247.69	2	2561.14	2	-151.12	2
402	-31	6	Min.	26.07	0.00	2	0.00	2	0.00	2	3598.90	2	3471.99	2	-151.12	2
402	-30	-31	Max	0.00	0.00	2	0.00	2	0.00	2	3255.84	10	2239.12	10	235.60	10
402	-30	-31	Max	38.57	0.00	2	0.00	2	0.00	2	3832.33	10	3574.54	10	235.60	10
402	-30	-31	Min.	0.00	0.00	2	0.00	2	0.00	2	2732.56	2	1376.88	2	-151.12	2
402	-30	-31	Min.	38.57	0.00	2	0.00	2	0.00	2	3247.74	2	2561.14	2	-151.12	2
402	-29	-30	Max	0.00	0.00	2	0.00	2	0.00	2	2692.15	10	1119.88	10	235.60	10
402	-29	-30	Max	38.57	0.00	2	0.00	2	0.00	2	3255.83	10	2239.11	10	235.60	10
402	-29	-30	Min.	0.00	0.00	2	0.00	2	0.00	2	2225.83	2	393.60	2	-151.12	2

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402	-29	-30	Min.	38.57	0.00	2	0.00	2	0.00	2	2732.56	2	1376.88	2	-151.12	2
402	-28	-29	Max	0.00	0.00	2	0.00	2	0.00	2	2144.45	10	210.25	14	235.60	10
402	-28	-29	Max	38.57	0.00	2	0.00	2	0.00	2	2692.16	10	1119.88	10	235.60	10
402	-28	-29	Min.	0.00	0.00	2	0.00	2	0.00	2	1728.93	2	-391.75	6	-151.12	2
402	-28	-29	Min.	38.57	0.00	2	0.00	2	0.00	2	2225.84	2	393.60	2	-151.12	2
402	-27	-28	Max	0.00	0.00	2	0.00	2	0.00	2	1615.58	10	-446.67	14	235.60	10
402	-27	-28	Max	38.57	0.00	2	0.00	2	0.00	2	2144.45	10	210.26	14	235.60	10
402	-27	-28	Min.	0.00	0.00	2	0.00	2	0.00	2	1240.74	2	-1031.78	6	-151.12	2
402	-27	-28	Min.	38.57	0.00	2	0.00	2	0.00	2	1728.93	2	-391.75	6	-151.12	2
402	-26	-27	Max	0.00	0.00	2	0.00	2	0.00	2	1112.37	10	-924.26	14	235.60	10
402	-26	-27	Max	38.57	0.00	2	0.00	2	0.00	2	1615.58	10	-446.67	14	235.60	10
402	-26	-27	Min.	0.00	0.00	2	0.00	2	0.00	2	752.62	2	-1463.91	6	-151.12	2
402	-26	-27	Min.	38.57	0.00	2	0.00	2	0.00	2	1240.73	2	-1031.78	6	-151.12	2
402	-25	-26	Max	0.00	0.00	2	0.00	2	0.00	2	634.80	10	-1227.38	14	235.60	10
402	-25	-26	Max	38.57	0.00	2	0.00	2	0.00	2	1112.37	10	-924.26	14	235.60	10
402	-25	-26	Min.	0.00	0.00	2	0.00	2	0.00	2	260.99	2	-1692.58	6	-151.12	2
402	-25	-26	Min.	38.57	0.00	2	0.00	2	0.00	2	752.61	2	-1463.92	6	-151.12	2
402	-24	-25	Max	0.00	0.00	2	0.00	2	0.00	2	172.96	10	-1345.29	14	235.60	10
402	-24	-25	Max	7.34									-1337.60	14		
402	-24	-25	Max	38.57	0.00	2	0.00	2	0.00	2	634.81	10	-1227.38	14	235.60	10
402	-24	-25	Min.	0.00	0.00	2	0.00	2	0.00	2	-229.20	2	-1736.11	6	-151.12	2
402	-24	-25	Min.	9.41									-1741.57	6		
402	-24	-25	Min.	38.57	0.00	2	0.00	2	0.00	2	260.99	2	-1692.58	6	-151.12	2
402	-23	-24	Max	0.00	0.00	2	0.00	2	0.00	2	-268.35	14	-1283.72	6	235.60	10
402	-23	-24	Max	32.05									-1430.38	10		
402	-23	-24	Max	38.57	0.00	2	0.00	2	0.00	2	172.95	10	-1345.29	14	235.60	10
402	-23	-24	Min.	0.00	0.00	2	0.00	2	0.00	2	-728.39	6	-1594.34	14	-151.12	2
402	-23	-24	Min.	34.54									-1642.49	2		
402	-23	-24	Min.	38.57	0.00	2	0.00	2	0.00	2	-229.21	2	-1736.12	6	-151.12	2
402	-22	-23	Max	0.00	0.00	2	0.00	2	0.00	2	-678.69	14	-976.06	2	235.60	10
402	-22	-23	Max	38.57	0.00	2	0.00	2	0.00	2	-268.34	14	-1283.72	6	235.60	10
402	-22	-23	Min.	0.00	0.00	2	0.00	2	0.00	2	-1252.57	6	-1337.23	10	-151.12	2
402	-22	-23	Min.	38.57	0.00	2	0.00	2	0.00	2	-728.39	6	-1594.34	14	-151.12	2
402	-21	-22	Max	0.00	0.00	2	0.00	2	0.00	2	-1083.93	14	-442.02	2	235.60	10
402	-21	-22	Max	38.57	0.00	2	0.00	2	0.00	2	-678.69	14	-976.06	2	235.60	10
402	-21	-22	Min.	0.00	0.00	2	0.00	2	0.00	2	-1780.99	6	-946.11	10	-151.12	2
402	-21	-22	Min.	38.57	0.00	2	0.00	2	0.00	2	-1252.57	6	-1337.23	10	-151.12	2
402	-20	-21	Max	0.00	0.00	2	0.00	2	0.00	2	-1485.88	14	308.68	2	235.60	10
402	-20	-21	Max	38.57	0.00	2	0.00	2	0.00	2	-1083.93	14	-442.02	2	235.60	10
402	-20	-21	Min.	0.00	0.00	2	0.00	2	0.00	2	-2314.83	6	-411.45	10	-151.12	2
402	-20	-21	Min.	38.57	0.00	2	0.00	2	0.00	2	-1780.99	6	-946.11	10	-151.12	2
402	-19	-20	Max	0.00	0.00	2	0.00	2	0.00	2	-1885.78	14	1256.29	2	235.60	10
402	-19	-20	Max	38.57	0.00	2	0.00	2	0.00	2	-1485.88	14	308.67	2	235.60	10
402	-19	-20	Min.	0.00	0.00	2	0.00	2	0.00	2	-2854.48	6	287.94	10	-151.12	2
402	-19	-20	Min.	38.57	0.00	2	0.00	2	0.00	2	-2314.84	6	-411.45	10	-151.12	2
402	7	-19	Max	25.00	0.00	2	0.00	2	0.00	2	-2025.94	14	1636.44	2	235.60	10
402	7	-19	Max	38.57	0.00	2	0.00	2	0.00	2	-1885.69	14	1256.31	2	235.60	10
402	7	-19	Min.	25.00	0.00	2	0.00	2	0.00	2	-3045.42	6	573.52	10	-151.12	2
402	7	-19	Min.	38.57	0.00	2	0.00	2	0.00	2	-2854.38	6	287.95	10	-151.12	2
402	-37	7	Max	0.00	0.00	2	0.00	2	0.00	2	2444.79	10	2240.42	10	716.09	6
402	-37	7	Max	34.71	0.00	2	0.00	2	0.00	2	2862.96	10	3161.01	10	716.09	6
402	-37	7	Min.	0.00	0.00	2	0.00	2	0.00	2	1250.17	2	1010.89	2	-70.56	14
402	-37	7	Min.	34.71	0.00	2	0.00	2	0.00	2	1680.16	2	1519.96	2	-70.56	14
402	-36	-37	Max	0.00	0.00	2	0.00	2	0.00	2	2034.87	10	1463.26	10	716.09	6
402	-36	-37	Max	34.71	0.00	2	0.00	2	0.00	2	2444.79	10	2240.42	10	716.09	6
402	-36	-37	Min.	0.00	0.00	2	0.00	2	0.00	2	815.74	2	651.92	2	-70.56	14
402	-36	-37	Min.	34.71	0.00	2	0.00	2	0.00	2	1250.17	2	1010.89	2	-70.56	14
402	-35	-36	Max	0.00	0.00	2	0.00	2	0.00	2	1639.48	10	829.29	10	716.09	6
402	-35	-36	Max	34.71	0.00	2	0.00	2	0.00	2	2034.84	10	1463.25	10	716.09	6
402	-35	-36	Min.	0.00	0.00	2	0.00	2	0.00	2	374.69	2	441.87	2	-70.56	14
402	-35	-36	Min.	34.71	0.00	2	0.00	2	0.00	2	815.73	2	651.92	2	-70.56	14
402	-34	-35	Max	0.00	0.00	2	0.00	2	0.00	2	1261.14	10	447.47	6	716.09	6
402	-34	-35	Max	34.71	0.00	2	0.00	2	0.00	2	1639.51	10	829.29	10	716.09	6
402	-34	-35	Min.	0.00	0.00	2	0.00	2	0.00	2	-73.54	2	268.18	14	-70.56	14
402	-34	-35	Min.	34.71	0.00	2	0.00	2	0.00	2	374.70	2	441.87	2	-70.56	14
402	-33	-34	Max	0.00	0.00	2	0.00	2	0.00	2	897.84	10	519.64	2	716.09	6
402	-33	-34	Max	34.71	0.00	2	0.00	2	0.00	2	1261.13	10	447.47	6	716.09	6
402	-33	-34	Min.	0.00	0.00	2	0.00	2	0.00	2	-525.24	2	-74.42	10	-70.56	14
402	-33	-34	Min.	34.71	0.00	2	0.00	2	0.00	2	-73.54	2	268.18	14	-70.56	14
402	-32	-33	Max	0.00	0.00	2	0.00	2	0.00	2	546.84	10	780.05	2	716.09	6
402	-32	-33	Max	19.88									283.54	8		
402	-32	-33	Max	34.71	0.00	2	0.00	2	0.00	2	897.85	10	519.64	2	716.09	6
402	-32	-33	Min.	0.00	0.00	2	0.00	2	0.00	2	-977.29	2	-324.42	10	-70.56	14
402	-32	-33	Min.	11.54									128.60	16		
402	-32	-33	Min.	34.71	0.00	2	0.00	2	0.00	2	-525.25	2	-74.42	10	-70.56	14
402	32	-32	Max	0.00	0.00	2	0.00	2	0.00	2	206.68	10	1197.39	2	716.09	6
402	32	-32	Max	7.47									929.40	4		
402	32	-32	Max	34.71	0.00	2	0.00	2	0.00	2	546.84	10	780.05	2	716.09	6
402	32	-32	Min.	0.00	0.00	2	0.00	2	0.00	2	-1427.18	2	-454.86	10	-70.56	14

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402	32	-32	Min.	7.47									-184.46	4		
402	32	-32	Min.	34.71	0.00	2	0.00	2	0.00	2	-977.30	2	-324.42	10	-70.56	14
405	5	-69	Max	25.00	0.00	2	0.00	2	0.00	2	-395.01	14	1069.85	6	13.59	2
405	5	-69	Max	29.69	0.00	2	0.00	2	0.00	2	-372.04	14	1012.04	6	13.59	2
405	5	-69	Min.	25.00	0.00	2	0.00	2	0.00	2	-1244.78	6	-653.23	14	1.24	10
405	5	-69	Min.	29.69	0.00	2	0.00	2	0.00	2	-1222.55	6	-671.23	14	1.24	10
405	-69	-70	Max	0.00	0.00	2	0.00	2	0.00	2	-371.92	14	1012.04	6	13.59	2
405	-69	-70	Max	29.69	0.00	2	0.00	2	0.00	2	-234.67	14	670.13	6	13.59	2
405	-69	-70	Min.	0.00	0.00	2	0.00	2	0.00	2	-1222.43	6	-671.22	14	1.24	10
405	-69	-70	Min.	29.69	0.00	2	0.00	2	0.00	2	-1082.03	6	-761.05	14	1.24	10
405	-70	-71	Max	0.00	0.00	2	0.00	2	0.00	2	-234.66	14	670.13	6	13.59	2
405	-70	-71	Max	29.69	0.00	2	0.00	2	0.00	2	-109.60	14	369.55	6	13.59	2
405	-70	-71	Min.	0.00	0.00	2	0.00	2	0.00	2	-1082.04	6	-761.05	14	1.24	10
405	-70	-71	Min.	29.69	0.00	2	0.00	2	0.00	2	-944.37	6	-812.00	14	1.24	10
405	-71	-72	Max	0.00	0.00	2	0.00	2	0.00	2	-109.60	14	369.55	6	13.59	2
405	-71	-72	Max	28.17								105.50	14			
405	-71	-72	Max	29.69	0.00	2	0.00	2	0.00	2	6.18	14	109.19	6	13.59	2
405	-71	-72	Min.	0.00	0.00	2	0.00	2	0.00	2	-944.37	6	-812.00	14	1.24	10
405	-71	-72	Min.	28.17								-827.33	14			
405	-71	-72	Min.	29.69	0.00	2	0.00	2	0.00	2	-811.35	6	-827.28	14	1.24	10
405	-72	-73	Max	0.00	0.00	2	0.00	2	0.00	2	6.17	14	109.19	6	13.59	2
405	-72	-73	Max	1.93								93.63	6			
405	-72	-73	Max	29.69	0.00	2	0.00	2	0.00	2	115.69	14	-112.47	6	13.59	2
405	-72	-73	Min.	0.00	0.00	2	0.00	2	0.00	2	-811.35	6	-827.28	14	1.24	10
405	-72	-73	Min.	1.93								-811.54	6			
405	-72	-73	Min.	29.69	0.00	2	0.00	2	0.00	2	-683.85	6	-809.23	14	1.24	10
405	-73	-74	Max	0.00	0.00	2	0.00	2	0.00	2	115.69	14	-112.46	6	13.59	2
405	-73	-74	Max	22.84								-406.19	10			
405	-73	-74	Max	29.69	0.00	2	0.00	2	0.00	2	221.96	14	-296.97	6	13.59	2
405	-73	-74	Min.	0.00	0.00	2	0.00	2	0.00	2	-683.85	6	-809.23	14	1.24	10
405	-73	-74	Min.	22.84								-634.49	10			
405	-73	-74	Min.	29.69	0.00	2	0.00	2	0.00	2	-561.87	6	-759.34	14	1.24	10
405	-74	-75	Max	0.00	0.00	2	0.00	2	0.00	2	221.96	14	-296.97	6	13.59	2
405	-74	-75	Max	29.69	0.00	2	0.00	2	0.00	2	327.89	14	-445.27	6	13.59	2
405	-74	-75	Min.	0.00	0.00	2	0.00	2	0.00	2	-561.87	6	-759.34	14	1.24	10
405	-74	-75	Min.	29.69	0.00	2	0.00	2	0.00	2	-444.63	6	-678.75	14	1.24	10
405	-75	-76	Max	0.00	0.00	2	0.00	2	0.00	2	327.89	14	-445.27	6	13.59	2
405	-75	-76	Max	0.30								-547.29	12			
405	-75	-76	Max	29.69	0.00	2	0.00	2	0.00	2	436.11	14	-542.82	2	13.59	2
405	-75	-76	Min.	0.00	0.00	2	0.00	2	0.00	2	-444.63	6	-678.75	14	1.24	10
405	-75	-76	Min.	0.30								-582.53	12			
405	-75	-76	Min.	29.69	0.00	2	0.00	2	0.00	2	-330.77	6	-582.91	10	1.24	10
405	-76	-77	Max	0.00	0.00	2	0.00	2	0.00	2	436.11	14	-542.82	2	13.59	2
405	-76	-77	Max	0.59								-545.14	4			
405	-76	-77	Max	29.69	0.00	2	0.00	2	0.00	2	548.93	14	-417.39	14	13.59	2
405	-76	-77	Min.	0.00	0.00	2	0.00	2	0.00	2	-330.77	6	-582.91	10	1.24	10
405	-76	-77	Min.	0.59								-579.96	12			
405	-76	-77	Min.	29.69	0.00	2	0.00	2	0.00	2	-218.41	6	-643.77	6	1.24	10
405	-77	-78	Max	0.00	0.00	2	0.00	2	0.00	2	548.93	14	-417.39	14	13.59	2
405	-77	-78	Max	5.05								-444.78	2			
405	-77	-78	Max	29.69	0.00	2	0.00	2	0.00	2	668.16	14	-237.18	14	13.59	2
405	-77	-78	Min.	0.00	0.00	2	0.00	2	0.00	2	-218.40	6	-643.77	6	1.24	10
405	-77	-78	Min.	5.05								-599.39	2			
405	-77	-78	Min.	29.69	0.00	2	0.00	2	0.00	2	-105.31	6	-691.60	6	1.24	10
405	-78	-79	Max	0.00	0.00	2	0.00	2	0.00	2	668.16	14	-237.18	14	13.59	2
405	-78	-79	Max	26.83								-48.06	6			
405	-78	-79	Max	29.69	0.00	2	0.00	2	0.00	2	795.00	14	-20.34	14	13.59	2
405	-78	-79	Min.	0.00	0.00	2	0.00	2	0.00	2	-105.32	6	-691.60	6	1.24	10
405	-78	-79	Min.	26.83								-705.73	6			
405	-78	-79	Min.	29.69	0.00	2	0.00	2	0.00	2	10.97	6	-705.56	6	1.24	10
405	-79	-80	Max	0.00	0.00	2	0.00	2	0.00	2	795.00	14	-20.34	14	13.59	2
405	-79	-80	Max	29.69	0.00	2	0.00	2	0.00	2	929.93	14	235.39	14	13.59	2
405	-79	-80	Min.	0.00	0.00	2	0.00	2	0.00	2	10.97	6	-705.56	6	1.24	10
405	-79	-80	Min.	29.69	0.00	2	0.00	2	0.00	2	133.04	6	-684.25	6	1.24	10
405	-80	-81	Max	0.00	0.00	2	0.00	2	0.00	2	929.93	14	235.39	14	13.59	2
405	-80	-81	Max	29.69	0.00	2	0.00	2	0.00	2	1072.56	14	532.36	14	13.59	2
405	-80	-81	Min.	0.00	0.00	2	0.00	2	0.00	2	133.05	6	-684.25	6	1.24	10
405	-80	-81	Min.	29.69	0.00	2	0.00	2	0.00	2	263.48	6	-625.53	6	1.24	10
405	-81	-82	Max	0.00	0.00	2	0.00	2	0.00	2	1072.56	14	532.36	14	13.59	2
405	-81	-82	Max	29.69	0.00	2	0.00	2	0.00	2	1221.46	14	872.65	14	13.59	2
405	-81	-82	Min.	0.00	0.00	2	0.00	2	0.00	2	263.48	6	-625.53	6	1.24	10
405	-81	-82	Min.	29.69	0.00	2	0.00	2	0.00	2	404.67	6	-526.55	6	1.24	10
405	-82	-83	Max	0.00	0.00	2	0.00	2	0.00	2	1221.46	14	872.65	14	13.59	2
405	-82	-83	Max	29.69	0.00	2	0.00	2	0.00	2	1374.05	14	1257.78	14	13.59	2
405	-82	-83	Min.	0.00	0.00	2	0.00	2	0.00	2	404.67	6	-526.55	6	1.24	10
405	-82	-83	Min.	29.69	0.00	2	0.00	2	0.00	2	558.77	6	-383.78	6	1.24	10
405	-83	6	Max	0.00	0.00	2	0.00	2	0.00	2	1373.85	14	1257.78	14	13.59	2
405	-83	6	Max	4.69	0.00	2	0.00	2	0.00	2	1398.04	14	1322.72	14	13.59	2
405	-83	6	Min.	0.00	0.00	2	0.00	2	0.00	2	558.67	6	-383.78	6	1.24	10

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405	-83	6	Min.	4.69	0.00	2	0.00	2	0.00	2	584.29	6	-356.98	6	1.24	10
406	8	-84	Max	25.00	0.00	2	0.00	2	0.00	2	-326.49	14	1105.56	6	3.46	6
406	8	-84	Max	29.69	0.00	2	0.00	2	0.00	2	-303.87	14	1051.60	6	3.46	6
406	8	-84	Min.	25.00	0.00	2	0.00	2	0.00	2	-1161.14	6	-729.36	14	-37.72	14
406	8	-84	Min.	29.69	0.00	2	0.00	2	0.00	2	-1142.48	6	-744.16	14	-37.72	14
406	-84	-85	Max	0.00	0.00	2	0.00	2	0.00	2	-303.98	14	1051.59	6	3.46	6
406	-84	-85	Max	29.69	0.00	2	0.00	2	0.00	2	-170.18	14	730.19	6	3.46	6
406	-84	-85	Min.	0.00	0.00	2	0.00	2	0.00	2	-1142.57	6	-744.16	14	-37.72	14
406	-84	-85	Min.	29.69	0.00	2	0.00	2	0.00	2	-1023.45	6	-814.30	14	-37.72	14
406	-85	-86	Max	0.00	0.00	2	0.00	2	0.00	2	-170.19	14	730.19	6	3.46	6
406	-85	-86	Max	29.69	0.00	2	0.00	2	0.00	2	-50.42	14	444.08	6	3.46	6
406	-85	-86	Min.	0.00	0.00	2	0.00	2	0.00	2	-1023.46	6	-814.30	14	-37.72	14
406	-85	-86	Min.	29.69	0.00	2	0.00	2	0.00	2	-905.06	6	-846.85	14	-37.72	14
406	-86	-87	Max	0.00	0.00	2	0.00	2	0.00	2	-50.42	14	444.08	6	3.46	6
406	-86	-87	Max	13.55								249.50	14			
406	-86	-87	Max	29.69	0.00	2	0.00	2	0.00	2	58.37	14	192.74	6	3.46	6
406	-86	-87	Min.	0.00	0.00	2	0.00	2	0.00	2	-905.06	6	-846.85	14	-37.72	14
406	-86	-87	Min.	13.55								-850.26	14			
406	-86	-87	Min.	29.69	0.00	2	0.00	2	0.00	2	-789.54	6	-845.54	14	-37.72	14
406	-87	-88	Max	0.00	0.00	2	0.00	2	0.00	2	58.37	14	192.74	6	3.46	6
406	-87	-88	Max	6.88								104.06	8			
406	-87	-88	Max	29.69	0.00	2	0.00	2	0.00	2	159.32	14	-24.91	6	3.46	6
406	-87	-88	Min.	0.00	0.00	2	0.00	2	0.00	2	-789.54	6	-845.54	14	-37.72	14
406	-87	-88	Min.	6.88								-741.98	8			
406	-87	-88	Min.	29.69	0.00	2	0.00	2	0.00	2	-678.07	6	-813.17	14	-37.72	14
406	-88	-89	Max	0.00	0.00	2	0.00	2	0.00	2	159.32	14	-24.91	6	3.46	6
406	-88	-89	Max	21.39								-367.11	10			
406	-88	-89	Max	29.69	0.00	2	0.00	2	0.00	2	255.49	14	-210.10	6	3.46	6
406	-88	-89	Min.	0.00	0.00	2	0.00	2	0.00	2	-678.07	6	-813.17	14	-37.72	14
406	-88	-89	Min.	21.39								-606.40	10			
406	-88	-89	Min.	29.69	0.00	2	0.00	2	0.00	2	-570.98	6	-751.63	14	-37.72	14
406	-89	-90	Max	0.00	0.00	2	0.00	2	0.00	2	255.49	14	-210.10	6	3.46	6
406	-89	-90	Max	7.51								-381.22	2			
406	-89	-90	Max	29.69	0.00	2	0.00	2	0.00	2	349.78	14	-364.04	6	3.46	6
406	-89	-90	Min.	0.00	0.00	2	0.00	2	0.00	2	-570.97	6	-751.63	14	-37.72	14
406	-89	-90	Min.	7.51								-570.24	2			
406	-89	-90	Min.	29.69	0.00	2	0.00	2	0.00	2	-467.81	6	-661.94	14	-37.72	14
406	-90	-91	Max	0.00	0.00	2	0.00	2	0.00	2	349.78	14	-364.04	6	3.46	6
406	-90	-91	Max	5.94								-490.94	4			
406	-90	-91	Max	29.69	0.00	2	0.00	2	0.00	2	444.81	14	-487.29	6	3.46	6
406	-90	-91	Min.	0.00	0.00	2	0.00	2	0.00	2	-467.81	6	-661.94	14	-37.72	14
406	-90	-91	Min.	5.94								-523.31	4			
406	-90	-91	Min.	29.69	0.00	2	0.00	2	0.00	2	-367.53	6	-544.73	14	-37.72	14
406	-91	-92	Max	0.00	0.00	2	0.00	2	0.00	2	444.81	14	-487.29	6	3.46	6
406	-91	-92	Max	6.23								-506.63	4			
406	-91	-92	Max	29.69	0.00	2	0.00	2	0.00	2	542.83	14	-396.86	14	3.46	6
406	-91	-92	Min.	0.00	0.00	2	0.00	2	0.00	2	-367.53	6	-544.73	14	-37.72	14
406	-91	-92	Min.	5.27								-519.49	12			
406	-91	-92	Min.	29.69	0.00	2	0.00	2	0.00	2	-268.55	6	-583.06	6	-37.72	14
406	-92	-93	Max	0.00	0.00	2	0.00	2	0.00	2	542.82	14	-396.86	14	3.46	6
406	-92	-93	Max	12.94								-421.08	2			
406	-92	-93	Max	29.69	0.00	2	0.00	2	0.00	2	645.55	14	-220.94	14	3.46	6
406	-92	-93	Min.	0.00	0.00	2	0.00	2	0.00	2	-268.55	6	-583.06	6	-37.72	14
406	-92	-93	Min.	12.94								-533.95	2			
406	-92	-93	Min.	29.69	0.00	2	0.00	2	0.00	2	-168.91	6	-647.69	6	-37.72	14
406	-93	-94	Max	0.00	0.00	2	0.00	2	0.00	2	645.55	14	-220.94	14	3.46	6
406	-93	-94	Max	25.55								-66.58	16			
406	-93	-94	Max	29.69	0.00	2	0.00	2	0.00	2	754.15	14	-13.46	14	3.46	6
406	-93	-94	Min.	0.00	0.00	2	0.00	2	0.00	2	-168.91	6	-647.69	6	-37.72	14
406	-93	-94	Min.	25.55								-619.62	16			
406	-93	-94	Min.	29.69	0.00	2	0.00	2	0.00	2	-66.33	6	-682.58	6	-37.72	14
406	-94	-95	Max	0.00	0.00	2	0.00	2	0.00	2	754.15	14	-13.46	14	3.46	6
406	-94	-95	Max	18.34								82.13	6			
406	-94	-95	Max	29.69	0.00	2	0.00	2	0.00	2	869.05	14	227.21	14	3.46	6
406	-94	-95	Min.	0.00	0.00	2	0.00	2	0.00	2	-66.33	6	-682.58	6	-37.72	14
406	-94	-95	Min.	18.34								-688.66	6			
406	-94	-95	Min.	29.69	0.00	2	0.00	2	0.00	2	41.64	6	-686.29	6	-37.72	14
406	-95	-96	Max	0.00	0.00	2	0.00	2	0.00	2	869.05	14	227.21	14	3.46	6
406	-95	-96	Max	29.69	0.00	2	0.00	2	0.00	2	989.87	14	502.90	14	3.46	6
406	-95	-96	Min.	0.00	0.00	2	0.00	2	0.00	2	41.64	6	-686.29	6	-37.72	14
406	-95	-96	Min.	29.69	0.00	2	0.00	2	0.00	2	157.53	6	-656.85	6	-37.72	14
406	-96	-97	Max	0.00	0.00	2	0.00	2	0.00	2	989.87	14	502.90	14	3.46	6
406	-96	-97	Max	29.69	0.00	2	0.00	2	0.00	2	1115.26	14	815.16	14	3.46	6
406	-96	-97	Min.	0.00	0.00	2	0.00	2	0.00	2	157.53	6	-656.85	6	-37.72	14
406	-96	-97	Min.	29.69	0.00	2	0.00	2	0.00	2	283.81	6	-591.50	6	-37.72	14
406	-97	-98	Max	0.00	0.00	2	0.00	2	0.00	2	1115.26	14	815.16	14	3.46	6
406	-97	-98	Max	29.69	0.00	2	0.00	2	0.00	2	1242.80	14	1165.03	14	3.46	6
406	-97	-98	Min.	0.00	0.00	2	0.00	2	0.00	2	283.81	6	-591.50	6	-37.72	14
406	-97	-98	Min.	29.69	0.00	2	0.00	2	0.00	2	422.78	6	-486.80	6	-37.72	14

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406	-98	7	Max	0.00	0.00	2	0.00	2	0.00	2	1242.83	14	1165.03	14	3.46	6
406	-98	7	Max	4.69	0.00	2	0.00	2	0.00	2	1262.93	14	1223.73	14	3.46	6
406	-98	7	Min.	0.00	0.00	2	0.00	2	0.00	2	422.78	6	-486.80	6	-37.72	14
406	-98	7	Min.	4.69	0.00	2	0.00	2	0.00	2	446.02	6	-466.41	6	-37.72	14
602	102	56	Max	0.00	0.00	2	-3.92	2	22.60	10	286.86	10	0.47	2	38.67	2
602	102	56	Max	33.53					15.62	2			13.97	2		
602	102	56	Max	41.00	0.00	2	-0.35	2	15.67	10	184.43	10	13.32	2	38.67	2
602	102	56	Min.	0.00	0.00	2	-18.79	10	-1.66	2	80.83	2	-138.72	10	-204.22	10
602	102	56	Min.	34.59					-1.32	10			-54.90	10		
602	102	56	Min.	41.00	0.00	2	-15.21	10	-2.57	2	-21.61	2	-42.82	10	-204.22	10
602	-322	102	Max	0.00	0.00	2	187.20	2	164.49	2	-255.02	10	336.43	10	312.51	10
602	-322	102	Max	31.62	0.00	2	198.03	2	225.08	2	-565.38	10	200.09	10	312.51	10
602	-322	102	Min.	0.00	0.00	2	22.37	10	-62.40	10	-2756.68	2	-391.64	2	-425.72	2
602	-322	102	Min.	31.62	0.00	2	33.21	10	-53.28	10	-3067.04	2	-1305.90	2	-425.72	2
602	-323	-322	Max	0.00	0.00	2	44.86	10	34.93	2	-4.33	2	602.14	10	208.98	10
602	-323	-322	Max	56.62	0.00	2	64.26	10	62.66	2	-560.03	2	408.77	10	208.98	10
602	-323	-322	Min.	0.00	0.00	2	17.07	2	-124.11	10	-297.28	10	-100.37	2	-151.77	2
602	-323	-322	Min.	56.62	0.00	2	36.47	2	-105.78	10	-852.98	10	-392.45	2	-151.77	2
602	-324	-323	Max	0.00	0.00	2	20.32	10	-52.07	2	194.25	2	675.42	10	126.14	10
602	-324	-323	Max	15.63					-55.91	10			687.14	10		
602	-324	-323	Max	56.62	0.00	2	39.73	10	-37.13	2	-361.45	2	606.15	10	126.14	10
602	-324	-323	Min.	0.00	0.00	2	-1.77	2	-147.81	10	-38.64	10	260.39	2	-81.78	2
602	-324	-323	Min.	17.97					-140.10	2			245.20	2		
602	-324	-323	Min.	56.62	0.00	2	17.63	2	-141.26	10	-594.35	10	103.10	2	-81.78	2
602	-325	-324	Max	0.00	0.00	2	1.29	10	-98.54	2	393.76	2	575.33	10	53.32	10
602	-325	-324	Max	38.55					-98.81	10			646.81	10		
602	-325	-324	Max	56.62	0.00	2	20.70	10	-93.23	2	-161.94	2	630.94	10	53.32	10
602	-325	-324	Min.	0.00	0.00	2	-20.70	2	-133.66	10	161.97	10	444.50	2	-70.34	2
602	-325	-324	Min.	39.60					-135.85	2			439.25	2		
602	-325	-324	Min.	56.62	0.00	2	-1.29	2	-138.97	10	-393.73	10	388.90	2	-70.34	2
602	-326	-325	Max	0.00	0.00	2	-16.51	2	-81.10	10	601.31	10	451.98	2	25.69	14
602	-326	-325	Max	37.02					-94.34	2			517.80	2		
602	-326	-325	Max	56.62	0.00	2	2.90	2	-97.85	10	45.61	10	512.76	6	25.69	14
602	-326	-325	Min.	0.00	0.00	2	-40.39	10	-106.24	2	349.58	2	299.07	10	-109.57	6
602	-326	-325	Min.	37.07					-109.37	10			450.89	10		
602	-326	-325	Min.	56.62	0.00	2	-20.98	10	-110.72	2	-206.12	2	462.07	14	-109.57	6
602	-327	-326	Max	0.00	0.00	2	-32.10	2	6.90	10	817.17	10	280.44	2	27.26	14
602	-327	-326	Max	55.12					-24.54	2			427.85	2		
602	-327	-326	Max	56.62	0.00	2	-12.69	2	-20.77	10	261.47	10	427.75	2	27.26	14
602	-327	-326	Min.	0.00	0.00	2	-60.87	10	-74.98	2	513.90	2	-136.66	10	-179.49	6
602	-327	-326	Min.	56.34					-84.57	10			154.41	10		
602	-327	-326	Min.	56.62	0.00	2	-41.46	10	-88.96	2	-41.80	2	155.07	10	-179.49	6
602	-328	-327	Max	0.00	0.00	2	-49.44	2	140.42	10	1129.56	10	-84.69	2	79.10	6
602	-328	-327	Max	56.62	0.00	2	-30.03	2	96.72	10	573.86	10	173.97	2	79.10	6
602	-328	-327	Min.	0.00	0.00	2	-90.50	10	-2.09	2	696.72	2	-796.57	10	-229.00	14
602	-328	-327	Min.	56.62	0.00	2	-71.09	10	-26.64	2	141.01	2	-335.77	10	-229.00	14
602	103	-328	Max	25.00	0.00	2	-89.05	2	344.16	10	4579.65	10	-465.09	2	364.61	6
602	103	-328	Max	56.62	0.00	2	-78.22	2	252.15	10	4269.29	10	-59.75	2	364.61	6
602	103	-328	Min.	25.00	0.00	2	-297.70	10	74.63	2	1412.99	2	-1991.79	10	-248.11	14
602	103	-328	Min.	56.62	0.00	2	-286.86	10	47.77	2	1102.63	2	-600.11	10	-248.11	14
602	-451	103	Max	0.00	0.00	2	107.78	14	243.71	2	-266.73	6	-272.44	10	292.98	14
602	-451	103	Max	64.38	0.00	2	129.84	14	310.55	2	-898.49	6	-740.48	10	292.98	14
602	-451	103	Min.	0.00	0.00	2	50.51	6	80.19	10	-808.83	14	-985.01	2	-347.05	6
602	-451	103	Min.	64.38	0.00	2	72.58	6	129.46	10	-1440.59	14	-1616.06	2	-347.05	6
602	-452	-451	Max	0.00	0.00	2	51.13	14	61.75	2	12.05	6	246.01	10	281.35	14
602	-452	-451	Max	64.38	0.00	2	73.20	14	92.73	2	-619.70	6	-36.30	10	281.35	14
602	-452	-451	Min.	0.00	0.00	2	21.06	6	-43.35	10	-272.61	14	-239.03	2	-132.49	6
602	-452	-451	Min.	64.38	0.00	2	43.13	6	-13.66	10	-904.37	14	-531.14	2	-132.49	6
602	-453	-452	Max	0.00	0.00	2	27.62	14	-41.83	2	165.69	6	514.61	10	191.34	14
602	-453	-452	Max	7.10					-44.48	10			516.87	10		
602	-453	-452	Max	64.38	0.00	2	49.68	14	-22.29	2	-466.07	6	366.13	10	191.34	14
602	-453	-452	Min.	0.00	0.00	2	4.83	6	-109.64	10	-50.01	14	208.19	2	-110.29	6
602	-453	-452	Min.	8.86					-104.25	2			208.61	2		
602	-453	-452	Min.	64.38	0.00	2	26.90	6	-94.08	10	-681.77	14	24.44	2	-110.29	6
602	-454	-453	Max	0.00	0.00	2	3.55	14	-99.22	2	329.91	6	569.33	10	98.24	14
602	-454	-453	Max	28.84					-99.91	10			607.01	10		
602	-454	-453	Max	64.38	0.00	2	25.61	14	-92.90	2	-301.85	6	548.04	10	98.24	14
602	-454	-453	Min.	0.00	0.00	2	-12.51	6	-128.72	10	177.84	14	438.69	2	-101.84	6
602	-454	-453	Min.	30.15					-127.74	2			464.96	2		
602	-454	-453	Min.	64.38	0.00	2	9.55	6	-126.60	10	-453.91	14	380.16	2	-101.84	6
602	-455	-454	Max	0.00	0.00	2	-18.37	10	-99.59	10	495.90	2	451.35	10	11.09	14
602	-455	-454	Max	42.02					-109.11	2			530.78	2		
602	-455	-454	Max	64.38	0.00	2	3.69	10	-110.63	10	-135.86	2	516.01	2	11.09	14
602	-455	-454	Min.	0.00	0.00	2	-30.05	2	-107.37	2	385.39	10	398.51	2	-103.42	6
602	-455	-454	Min.	40.79					-112.08	10			515.32	10		
602	-455	-454	Min.	64.38	0.00	2	-7.99	2	-113.30	2	-246.37	10	494.49	10	-103.42	6
602	-456	-455	Max	0.00	0.00	2	-37.97	10	-24.87	10	676.05	2	235.90	2	-62.72	10
602	-456	-455	Max	59.22					-49.80	2			407.35	2		
602	-456	-455	Max	64.38	0.00	2	-15.91	10	-48.73	10	44.29	2	406.05	2	-62.72	10

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602	-456	-455	Min.	0.00	0.00	2	-49.08	2	-67.25	2	570.88	10	27.09	10	-129.51	2
602	-456	-455	Min.	58.58					-81.74	10			249.35	10		
602	-456	-455	Min.	64.38	0.00	2	-27.02	2	-85.22	2	-60.87	10	252.96	10	-129.51	2
602	-457	-456	Max	0.00	0.00	2	-56.93	10	93.58	10	872.74	2	-191.89	2	-73.89	14
602	-457	-456	Max	64.38	0.00	2	-34.87	10	56.67	10	240.98	2	96.86	2	-73.89	14
602	-457	-456	Min.	0.00	0.00	2	-69.85	2	19.45	2	750.37	10	-547.56	10	-183.15	6
602	-457	-456	Min.	64.38	0.00	2	-47.79	2	-11.06	2	118.61	10	-198.12	10	-183.15	6
602	106	-457	Max	12.50	0.00	2	-134.88	2	331.39	10	2602.14	10	-966.90	2	174.40	14
602	106	-457	Max	64.38	0.00	2	-117.10	2	219.57	10	2093.05	10	-255.92	2	174.40	14
602	106	-457	Min.	12.50	0.00	2	-224.72	10	164.58	2	1621.77	2	-1871.03	10	-153.32	6
602	106	-457	Min.	64.38	0.00	2	-206.94	10	99.09	2	1112.68	2	-654.94	10	-153.32	6
602	-467	106	Max	0.00	0.00	2	226.64	2	226.27	2	-1212.39	10	-277.79	10	153.11	14
602	-467	106	Max	55.00	0.00	2	245.49	2	356.00	2	-1752.14	10	-1094.43	10	153.11	14
602	-467	106	Min.	0.00	0.00	2	133.79	10	108.33	10	-2178.51	2	-664.31	2	-207.10	6
602	-467	106	Min.	55.00	0.00	2	152.63	10	187.19	10	-2718.26	2	-2009.53	2	-207.10	6
602	-468	-467	Max	0.00	0.00	2	52.91	6	35.63	2	-102.09	14	167.31	10	226.28	14
602	-468	-467	Max	67.50	0.00	2	76.04	6	77.80	2	-764.51	14	-137.86	10	226.28	14
602	-468	-467	Min.	0.00	0.00	2	36.01	14	-26.69	10	-256.04	6	-99.75	2	52.97	6
602	-468	-467	Min.	67.50	0.00	2	59.14	14	6.79	10	-918.47	6	-483.45	2	52.97	6
602	-469	-468	Max	0.00	0.00	2	29.53	2	-85.61	2	70.04	10	542.70	10	164.82	14
602	-469	-468	Max	6.42					-85.36	10			544.66	10		
602	-469	-468	Max	67.50	0.00	2	52.66	2	-58.09	2	-592.38	10	364.07	10	164.82	14
602	-469	-468	Min.	0.00	0.00	2	17.11	10	-115.48	10	-43.08	2	422.62	2	59.59	6
602	-469	-468	Min.	6.31					-112.61	2			418.45	2		
602	-469	-468	Min.	67.50	0.00	2	40.24	10	-95.91	10	-705.50	2	172.32	2	59.59	6
602	-470	-469	Max	0.00	0.00	2	9.52	10	-154.31	10	241.56	2	730.23	2	84.75	14
602	-470	-469	Max	14.22					-154.30	2			740.14	2		
602	-470	-469	Max	67.50	0.00	2	32.65	10	-144.81	10	-420.87	2	630.76	2	84.75	14
602	-470	-469	Min.	0.00	0.00	2	-1.72	2	-159.19	2	139.18	10	690.80	10	37.69	6
602	-470	-469	Min.	14.20					-157.40	10			715.17	10		
602	-470	-469	Min.	67.50	0.00	2	21.41	2	-147.81	2	-523.25	10	600.13	10	37.69	6
602	-471	-470	Max	0.00	0.00	2	-8.85	10	-144.88	10	406.27	2	814.38	2	38.09	14
602	-471	-470	Max	31.59					-151.21	2			863.27	2		
602	-471	-470	Max	67.50	0.00	2	14.28	10	-150.18	10	-256.16	2	800.09	2	38.09	14
602	-471	-470	Min.	0.00	0.00	2	-19.81	2	-183.79	2	306.45	10	620.48	10	-17.99	6
602	-471	-470	Min.	31.42					-183.10	10			698.65	10		
602	-471	-470	Min.	67.50	0.00	2	3.33	2	-182.21	2	-355.97	10	668.72	10	-17.99	6
602	-472	-471	Max	0.00	0.00	2	-25.55	10	-89.56	10	569.53	2	688.99	2	17.71	14
602	-472	-471	Max	48.04					-106.82	2			801.90	2		
602	-472	-471	Max	67.50	0.00	2	-2.42	10	-106.30	10	-92.89	2	783.36	2	17.71	14
602	-472	-471	Min.	0.00	0.00	2	-37.73	2	-162.30	2	458.55	10	341.04	10	-103.32	6
602	-472	-471	Min.	47.69					-167.49	10			495.23	10		
602	-472	-471	Min.	67.50	0.00	2	-14.60	2	-172.66	2	-203.87	10	493.49	10	-103.32	6
602	-473	-472	Max	0.00	0.00	2	-41.75	10	13.22	10	761.56	2	367.47	2	47.25	14
602	-473	-472	Max	64.29					-21.49	2			569.16	2		
602	-473	-472	Max	67.50	0.00	2	-18.61	10	-16.95	10	99.14	2	568.65	2	47.25	14
602	-473	-472	Min.	0.00	0.00	2	-58.82	2	-97.89	2	606.10	10	-160.41	10	-167.45	6
602	-473	-472	Min.	63.80					-113.56	10			111.02	10		
602	-473	-472	Min.	67.50	0.00	2	-35.68	2	-119.98	2	-56.33	10	114.44	10	-167.45	6
602	107	-473	Max	25.00	0.00	2	-82.97	2	223.59	10	3037.57	10	-189.50	2	374.70	14
602	107	-473	Max	67.50	0.00	2	-68.40	2	125.12	10	2620.49	10	201.00	2	374.70	14
602	107	-473	Min.	25.00	0.00	2	-239.36	10	15.79	2	1121.70	2	-1365.80	10	-145.00	6
602	107	-473	Min.	67.50	0.00	2	-224.79	10	-16.53	2	704.62	2	-165.87	10	-145.00	6
602	61	107	Max	0.00	0.00	2	19.25	2	18.62	2	-23.98	10	16.34	10	162.76	6
602	61	107	Max	42.00	0.00	2	22.92	2	27.26	2	-128.92	10	-18.83	10	162.76	6
602	61	107	Min.	0.00	0.00	2	3.79	10	-1.61	10	-234.07	2	-49.90	2	-62.93	14
602	61	107	Min.	42.00	0.00	2	7.46	10	0.97	10	-339.00	2	-167.19	2	-62.93	14
603	101	54	Max	0.00	2363.61	6	500.69	10	219.55	2	261.49	10	111.01	2	9.08	2
603	101	54	Max	14.64					13.31	16			1.87	16		
603	101	54	Max	42.00	2361.36	6	500.69	10	105.77	10	198.53	10	17.81	2	9.08	2
603	101	54	Min.	0.00	-4360.51	14	-1050.18	2	-104.51	10	-194.18	2	-129.84	10	-13.75	10
603	101	54	Min.	14.64					17.75	16			-28.19	16		
603	101	54	Min.	42.00	-4362.76	14	-1050.18	2	-221.52	2	-257.14	2	-34.81	10	-13.75	10
603	-344	101	Max	0.00	2465.49	6	759.84	10	310.19	2	924.04	10	176.23	14	77.02	10
603	-344	101	Max	34.43	2463.64	6	759.84	10	116.63	10	872.43	10	480.41	14	77.02	10
603	-344	101	Min.	0.00	-5874.59	14	-1611.81	2	-145.05	10	-1478.69	2	-157.07	6	-113.81	2
603	-344	101	Min.	34.43	-5876.44	14	-1611.81	2	-244.81	2	-1530.30	2	-669.98	6	-113.81	2
603	-345	-344	Max	0.00	38.64	6	280.49	10	189.65	2	107.58	10	254.78	14	67.38	10
603	-345	-344	Max	55.87					16.51	14			276.47	14		
603	-345	-344	Max	59.41	35.45	6	280.49	10	88.29	10	18.52	10	276.38	14	67.38	10
603	-345	-344	Min.	0.00	-2187.03	14	-650.28	2	-78.37	10	-174.70	2	-104.94	6	-48.77	2
603	-345	-344	Min.	47.91					-121.89	2			-183.43	2		
603	-345	-344	Min.	59.41	-2190.21	14	-650.28	2	-196.72	2	-263.76	2	-219.33	6	-48.77	2
603	-346	-345	Max	0.00	-106.36	10	225.56	10	181.57	2	104.92	10	214.85	14	58.66	10
603	-346	-345	Max	50.48					3.94	6			197.08	6		
603	-346	-345	Max	59.41	-109.55	10	225.56	10	71.15	10	15.86	10	241.83	14	58.66	10
603	-346	-345	Min.	0.00	-926.27	2	-617.52	2	-62.88	10	-121.63	2	38.83	6	-29.17	2
603	-346	-345	Min.	50.48					-85.23	6			-33.82	6		
603	-346	-345	Min.	59.41	-929.46	2	-617.52	2	-185.34	2	-210.69	2	-51.00	6	-29.17	2

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603	-347	-346	Max	0.00	875.79	10	180.60	10	179.49	2	107.16	14	154.72	10	49.97	10
603	-347	-346	Max	47.53					-40.01	16			159.35	16		
603	-347	-346	Max	59.41	872.60	10	180.60	10	56.98	10	18.10	14	176.73	14	49.97	10
603	-347	-346	Min.	0.00	-286.67	2	-604.87	2	-50.35	10	-77.56	6	125.56	2	-9.36	2
603	-347	-346	Min.	56.71					-163.54	2			77.69	2		
603	-347	-346	Min.	59.41	-289.85	2	-604.87	2	-179.91	2	-166.62	6	68.22	6	-9.36	2
603	-348	-347	Max	0.00	1649.14	10	147.44	2	184.65	10	127.08	14	197.67	6	52.69	14
603	-348	-347	Max	3.36					147.85	4			159.38	4		
603	-348	-347	Max	59.41	1645.95	10	147.44	2	46.01	2	38.02	14	145.88	2	52.69	14
603	-348	-347	Min.	0.00	569.06	2	-615.16	10	-41.61	2	-54.07	6	32.02	14	0.97	6
603	-348	-347	Min.	13.46					-11.49	12			78.18	12		
603	-348	-347	Min.	59.41	565.87	2	-615.16	10	-180.86	10	-143.13	6	74.28	10	0.97	6
603	-349	-348	Max	0.00	2231.23	10	124.48	2	195.83	10	162.54	14	226.42	6	61.00	14
603	-349	-348	Max	5.46					160.49	10			157.42	10		
603	-349	-348	Max	59.41	2228.05	10	124.48	2	38.59	2	73.47	14	182.40	2	61.00	14
603	-349	-348	Min.	0.00	1113.82	2	-647.53	10	-35.38	2	-40.23	6	-131.90	14	5.39	6
603	-349	-348	Min.	5.46					-26.16	10			-113.60	10		
603	-349	-348	Min.	59.41	1110.63	2	-647.53	10	-188.91	10	-129.29	6	-68.12	10	5.39	6
603	-350	-349	Max	0.00	3384.04	2	107.56	2	214.50	10	210.46	14	218.96	6	78.42	14
603	-350	-349	Max	11.16					132.78	2			202.88	2		
603	-350	-349	Max	59.41	3380.85	2	107.56	2	33.16	2	121.40	14	185.74	2	78.42	14
603	-350	-349	Min.	0.00	30.22	10	-702.85	10	-30.76	2	-24.05	6	-356.46	14	11.92	6
603	-350	-349	Min.	2.21					23.34	14			-351.91	14		
603	-350	-349	Min.	59.41	27.03	10	-702.85	10	-203.10	10	-113.11	6	-265.41	10	11.92	6
603	102	-350	Max	24.98	6848.79	6	209.25	2	292.54	10	2046.73	14	324.87	6	239.56	10
603	102	-350	Max	36.71					62.19	4			33.99	4		
603	102	-350	Max	59.41	6846.94	6	209.25	2	42.67	2	1995.12	14	103.06	2	239.56	10
603	102	-350	Min.	24.98	-3943.94	14	-1872.78	10	-29.47	2	-647.84	6	-997.98	14	-0.51	2
603	102	-350	Min.	36.71					0.44	4			-371.03	4		
603	102	-350	Min.	59.41	-3945.79	14	-1872.78	10	-352.35	10	-699.45	6	-312.30	10	-0.51	2
603	47	102	Max	0.00	7538.01	6	174.43	2	389.20	10	424.51	14	22.94	6	160.64	2
603	47	102	Max	28.02	7536.51	6	174.43	2	32.12	2	382.52	14	115.53	14	160.64	2
603	47	102	Min.	0.00	-6079.88	14	-2372.40	10	-16.77	2	-961.28	6	2.29	14	-34.60	10
603	47	102	Min.	28.02	-6081.38	14	-2372.40	10	-275.47	10	-1003.27	6	-252.46	6	-34.60	10
604	104	52	Max	0.00	3151.08	6	763.59	10	149.53	2	300.05	14	83.01	6	-127.33	2
604	104	52	Max	17.81					-15.94	16			29.73	16		
604	104	52	Max	42.00	3148.82	6	763.59	10	143.08	10	237.09	14	41.87	6	-127.33	2
604	104	52	Min.	0.00	-4248.56	14	-758.77	2	-177.63	10	-78.05	6	-153.47	14	-227.45	10
604	104	52	Min.	17.81					-13.48	16			-84.52	16		
604	104	52	Min.	42.00	-4250.81	14	-758.77	2	-169.16	2	-141.01	6	-45.53	14	-227.45	10
604	103	104	Max	24.98	1073.28	6	16.73	10	25.54	10	576.70	14	221.38	6	37.28	10
604	103	104	Max	409.70					17.66	14			341.62	14		
604	103	104	Max	450.32	1050.46	6	16.73	10	38.02	10	-60.89	14	329.25	14	37.28	10
604	103	104	Min.	24.98	-482.69	14	-12.87	2	-33.66	2	125.04	6	-767.72	14	-36.09	2
604	103	104	Min.	409.70					-9.95	14			-350.10	14		
604	103	104	Min.	450.32	-505.51	14	-12.87	2	-29.72	2	-512.56	6	-602.76	6	-36.09	2
604	-4	103	Max	0.00	6002.53	6	771.80	2	133.50	10	438.64	14	39.91	2	279.16	2
604	-4	103	Max	36.86	6000.55	6	771.80	2	144.12	2	383.39	14	170.74	14	279.16	2
604	-4	103	Min.	0.00	-6225.34	14	-650.18	10	-140.38	2	-1385.21	6	15.10	10	-35.96	10
604	-4	103	Min.	36.86	-6227.32	14	-650.18	10	-106.17	10	-1440.46	6	-484.97	6	-35.96	10
605	49	105	Max	0.00	2558.28	14	29.84	10	81.44	2	14.87	14	46.38	14	53.43	2
605	49	105	Max	9.92					31.59	14			47.12	14		
605	49	105	Max	42.00	2560.54	14	29.84	10	12.51	10	-48.09	14	39.40	14	53.43	2
605	49	105	Min.	0.00	-3348.24	6	-406.84	2	-0.04	10	-270.70	6	-32.74	6	-82.66	10
605	49	105	Min.	9.92					12.69	14			-59.16	14		
605	49	105	Min.	42.00	-3345.99	6	-406.84	2	-89.45	2	-333.66	6	-159.65	6	-82.66	10
605	105	106	Max	24.98	125.74	6	0.65	2	22.00	10	460.27	14	146.02	6	14.30	14
605	105	106	Max	128.25					8.10	6			225.96	6		
605	105	106	Max	450.32	148.56	6	0.65	2	0.91	2	-177.32	14	65.71	14	14.30	14
605	105	106	Min.	24.98	-747.41	14	-10.54	10	-1.86	2	154.81	6	-536.03	14	-2.55	6
605	105	106	Min.	128.25					1.90	6			-138.07	6		
605	105	106	Min.	450.32	-724.59	14	-10.54	10	-22.85	10	-482.79	6	-551.49	6	-2.55	6
605	106	-3	Max	0.00	1307.29	14	-49.66	2	88.58	10	209.89	14	-23.96	6	114.44	2
605	106	-3	Max	71.92	1311.15	14	-49.66	2	-26.46	2	102.08	14	15.21	6	114.44	2
605	106	-3	Min.	0.00	-2823.66	6	-232.32	10	9.22	2	108.37	6	-213.20	14	-67.36	10
605	106	-3	Min.	71.92	-2819.81	6	-232.32	10	-78.54	10	0.57	6	-101.02	14	-67.36	10
606	51	108	Max	0.00	2210.45	14	1695.86	10	-153.80	2	75.59	14	26.15	14	88.05	2
606	51	108	Max	36.92					224.12	6			31.25	6		
606	51	108	Max	42.00	2212.71	14	1695.86	10	354.04	10	12.63	14	44.60	14	88.05	2
606	51	108	Min.	0.00	-4443.22	6	701.24	2	-358.23	10	-232.69	6	-39.03	6	25.21	10
606	51	108	Min.	36.92					143.98	6			-135.08	6		
606	51	108	Min.	42.00	-4440.97	6	701.24	2	140.70	2	-295.65	6	-149.90	6	25.21	10
606	108	-429	Max	24.98	2125.93	14	2582.04	10	-155.12	2	1362.25	14	418.04	6	214.68	14
606	108	-429	Max	31.54					-212.09	4			-13.72	4		
606	108	-429	Max	59.41	2127.77	14	2582.04	10	494.23	10	1310.64	14	112.92	6	214.68	14
606	108	-429	Min.	24.98	-6280.98	6	1016.41	2	-394.93	10	-874.97	6	-682.42	14	53.75	6
606	108	-429	Min.	31.54					-97.59	4			-155.26	4		
606	108	-429	Min.	59.41	-6279.13	6	1016.41	2	194.63	2	-926.59	6	-227.30	14	53.75	6
606	-429	-428	Max	0.00	-385.87	14	1020.22	10	-122.46	2	137.13	14	256.71	6	91.14	10

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606	-429	-428	Max	2.08					-114.02	2				128.01	2		
606	-429	-428	Max	59.41	-382.68	14	1020.22	10	296.18	10	48.06	14	207.77	6	91.14	10	
606	-429	-428	Min.	0.00	-2706.39	6	405.51	2	-309.97	10	-49.61	6	-215.70	14	25.33	2	
606	-429	-428	Min.	5.50					-253.88	10			-82.58	10			
606	-429	-428	Min.	59.41	-2703.20	6	405.51	2	118.46	2	-138.67	6	-167.68	14	25.33	2	
606	-428	-427	Max	0.00	-1046.23	14	953.28	10	-116.18	2	111.64	14	242.55	6	56.17	10	
606	-428	-427	Max	3.35					-103.19	2			163.36	2			
606	-428	-427	Max	59.41	-1043.05	14	953.28	10	279.00	10	22.58	14	198.78	6	56.17	10	
606	-428	-427	Min.	0.00	-1246.35	6	388.15	2	-287.38	10	-36.74	6	-47.43	14	10.28	2	
606	-428	-427	Min.	4.89					-240.76	10			35.07	10			
606	-428	-427	Min.	59.41	-1243.17	6	388.15	2	114.42	2	-125.80	6	-12.07	14	10.28	2	
606	-427	-426	Max	0.00	45.17	6	918.68	2	-113.73	2	97.14	14	193.85	6	25.21	10	
606	-427	-426	Max	9.18					-78.60	2			158.53	2			
606	-427	-426	Max	59.41	48.36	6	918.68	2	271.56	2	8.08	14	157.04	6	25.21	10	
606	-427	-426	Min.	0.00	-861.33	14	381.69	10	-274.30	10	-21.36	6	64.56	14	-2.58	2	
606	-427	-426	Min.	9.60					-186.23	10			105.78	10			
606	-427	-426	Min.	59.41	-858.14	14	381.69	10	113.01	10	-110.43	6	93.48	14	-2.58	2	
606	-426	-425	Max	0.00	944.48	6	916.98	2	-113.14	10	93.34	14	128.37	14	-0.55	10	
606	-426	-425	Max	58.82					185.16	16			152.97	16			
606	-426	-425	Max	59.41	947.67	6	916.98	2	273.47	2	4.28	14	155.71	14	-0.55	10	
606	-426	-425	Min.	0.00	-127.82	14	382.69	10	-271.33	2	-16.17	6	115.16	6	-20.54	2	
606	-426	-425	Min.	58.82					194.80	8			84.09	8			
606	-426	-425	Min.	59.41	-124.63	14	382.69	10	114.22	10	-105.23	6	80.76	6	-20.54	2	
606	-425	-424	Max	0.00	1225.49	6	944.45	2	-115.78	10	100.98	14	152.77	14	-15.99	10	
606	-425	-424	Max	43.42					131.15	10			124.66	10			
606	-425	-424	Max	59.41	1228.68	6	944.45	2	284.05	2	11.91	14	183.93	14	-15.99	10	
606	-425	-424	Min.	0.00	880.72	14	394.59	10	-277.08	2	-24.91	6	-2.39	6	-48.34	2	
606	-425	-424	Min.	42.90					55.27	2			30.78	2			
606	-425	-424	Min.	59.41	883.90	14	394.59	10	118.64	10	-113.97	6	-41.26	6	-48.34	2	
606	-424	-423	Max	0.00	1943.09	14	1003.43	2	-121.86	10	99.03	14	139.03	14	-33.18	10	
606	-424	-423	Max	56.21					186.29	16			151.95	16			
606	-424	-423	Max	59.41	1946.27	14	1003.43	2	304.38	2	9.96	14	167.08	14	-33.18	10	
606	-424	-423	Min.	0.00	563.33	6	419.09	10	-291.80	2	-49.05	6	-169.46	6	-83.61	2	
606	-424	-423	Min.	55.36					193.41	8			-200.65	8			
606	-424	-423	Min.	59.41	566.51	6	419.09	10	127.13	10	-138.12	6	-220.73	6	-83.61	2	
606	-423	107	Max	0.00	4262.96	14	2544.86	2	-202.38	10	582.87	14	51.50	14	-56.81	14	
606	-423	107	Max	34.43	4264.80	14	2544.86	2	390.10	2	531.26	14	240.01	14	-56.81	14	
606	-423	107	Min.	0.00	-1920.97	6	1055.95	10	-486.18	2	-1326.81	6	-235.25	6	-221.69	6	
606	-423	107	Min.	34.43	-1919.12	6	1055.95	10	161.07	10	-1378.42	6	-697.66	6	-221.69	6	
606	107	-2	Max	0.00	2355.73	14	751.25	2	-139.01	10	182.96	14	-23.36	6	-3.76	2	
606	107	-2	Max	59.03					119.64	6			2.70	6			
606	107	-2	Max	82.51	2360.15	14	751.25	2	310.33	2	59.26	14	-1.42	6	-3.76	2	
606	107	-2	Min.	0.00	-2221.96	6	359.28	10	-309.56	2	88.08	6	-215.67	14	-121.85	10	
606	107	-2	Min.	63.99					109.54	14			-129.50	14			
606	107	-2	Min.	82.51	-2217.54	6	359.28	10	157.43	10	-35.61	6	-116.03	14	-121.85	10	
607	109	53	Max	0.00	3331.41	14	-209.96	10	223.84	2	298.50	6	47.22	14	-3.31	2	
607	109	53	Max	14.86					36.11	8			17.62	8			
607	109	53	Max	42.00	3329.16	14	-209.96	10	-48.51	10	235.54	6	19.77	14	-3.31	2	
607	109	53	Min.	0.00	-5349.16	6	-1067.25	2	39.68	10	-34.16	14	-149.67	6	-58.27	10	
607	109	53	Min.	14.86					38.91	8			-97.68	8			
607	109	53	Min.	42.00	-5351.41	6	-1067.25	2	-224.41	2	-97.12	14	-37.65	6	-58.27	10	
607	-416	109	Max	0.00	3564.19	14	-276.05	10	311.87	2	1237.48	6	184.49	6	-9.27	6	
607	-416	109	Max	34.43	3562.35	14	-276.05	10	-43.04	10	1185.87	6	599.23	6	-9.27	6	
607	-416	109	Min.	0.00	-7288.52	6	-1631.62	2	51.81	10	-1664.84	14	-235.35	14	-152.78	14	
607	-416	109	Min.	34.43	-7290.37	6	-1631.62	2	-250.07	2	-1716.45	14	-815.00	14	-152.78	14	
607	-417	-416	Max	0.00	231.42	14	-106.33	10	185.48	2	156.41	6	277.29	6	-0.08	10	
607	-417	-416	Max	58.22					-34.94	2			189.64	2			
607	-417	-416	Max	59.41	228.23	14	-106.33	10	-31.75	10	67.34	6	339.48	6	-0.08	10	
607	-417	-416	Min.	0.00	-2787.32	6	-640.30	2	31.41	10	-122.28	14	-186.70	14	-64.12	2	
607	-417	-416	Min.	33.98					-31.00	10			-100.91	10			
607	-417	-416	Min.	59.41	-2790.51	6	-640.30	2	-194.95	2	-211.34	14	-281.53	14	-64.12	2	
607	-418	-417	Max	0.00	-647.17	14	-105.60	10	173.20	2	156.70	6	232.01	6	7.90	14	
607	-418	-417	Max	47.91					-19.16	10			164.79	10			
607	-418	-417	Max	59.41	-650.36	14	-105.60	10	-31.32	10	67.64	6	296.22	6	7.90	14	
607	-418	-417	Min.	0.00	-934.82	6	-593.22	2	31.38	10	-82.17	14	-19.44	14	-47.45	6	
607	-418	-417	Min.	47.91					-109.18	10			13.23	10			
607	-418	-417	Min.	59.41	-938.01	6	-593.22	2	-179.29	2	-171.24	14	-92.29	14	-47.45	6	
607	-419	-418	Max	0.00	544.60	6	-105.67	2	167.41	10	158.26	6	157.24	6	14.36	14	
607	-419	-418	Max	57.65					-29.54	10			161.47	10			
607	-419	-418	Max	59.41	541.41	6	-105.67	2	-31.41	10	69.20	6	223.80	6	14.36	14	
607	-419	-418	Min.	0.00	-566.11	14	-566.40	10	30.83	2	-51.95	14	96.91	14	-32.85	6	
607	-419	-418	Min.	57.65					-159.16	10			85.54	10			
607	-419	-418	Min.	59.41	-569.30	14	-566.40	10	-169.65	2	-141.02	14	40.60	14	-32.85	6	
607	-420	-419	Max	0.00	1465.32	6	-99.41	2	168.63	10	173.47	6	168.67	14	24.78	14	
607	-420	-419	Max	1.19					92.63	8			149.07	8			
607	-420	-419	Max	59.41	1462.13	6	-99.41	2	-30.01	2	84.41	6	126.75	2	24.78	14	
607	-420	-419	Min.	0.00	150.71	14	-565.31	10	29.03	2	-35.53	14	49.24	6	-22.25	6	
607	-420	-419	Min.	1.19					94.54	8			57.89	8			
607	-420	-419	Min.	59.41	147.52	14	-565.31	10	-167.26	10	-124.59	14	120.19	10	-22.25	6	

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607	-421	-420	Max	0.00	1591.06	6	-93.12	2	175.40	10	206.21	6	207.86	14	39.26	14
607	-421	-420	Max	8.90					71.24	8			159.14	8		
607	-421	-420	Max	59.41	1587.87	6	-93.12	2	-28.20	2	117.15	6	163.68	14	39.26	14
607	-421	-420	Min.	0.00	1235.01	14	-582.90	10	27.11	2	-30.40	14	-109.19	6	-17.24	6
607	-421	-420	Min.	8.90					67.47	8			-75.49	8		
607	-421	-420	Min.	59.41	1231.82	14	-582.90	10	-170.94	10	-119.46	14	-13.47	6	-17.24	6
607	-422	-421	Max	0.00	2456.61	14	-89.57	2	187.81	10	252.63	6	204.76	14	52.03	14
607	-422	-421	Max	2.65					106.06	16			175.96	16		
607	-422	-421	Max	59.41	2453.42	14	-89.57	2	-26.64	2	163.57	6	168.47	14	52.03	14
607	-422	-421	Min.	0.00	600.96	6	-619.39	10	26.57	2	-18.38	14	-324.90	6	-2.61	6
607	-422	-421	Min.	8.60					40.27	6			-303.82	6		
607	-422	-421	Min.	59.41	597.77	6	-619.39	10	-180.20	10	-107.45	14	-202.36	6	-2.61	6
607	110	-422	Max	24.98	5445.83	14	-262.50	2	238.11	10	1945.55	6	324.32	14	139.03	6
607	110	-422	Max	59.41	5443.98	14	-262.50	2	-46.81	2	1893.94	6	85.56	14	139.03	6
607	110	-422	Min.	24.98	-2703.87	6	-1558.96	10	43.51	2	-670.33	14	-913.22	6	38.74	14
607	110	-422	Min.	59.41	-2705.71	6	-1558.96	10	-298.68	10	-721.94	14	-253.19	6	38.74	14
607	-489	110	Max	0.00	3397.51	14	-227.94	2	210.79	10	-33.04	6	27.34	6	109.71	2
607	-489	110	Max	43.93	3395.16	14	-227.94	2	-41.71	2	-98.89	6	-1.78	6	109.71	2
607	-489	110	Min.	0.00	-2957.64	6	-966.62	10	58.42	2	-389.80	14	-132.07	14	-20.20	10
607	-489	110	Min.	43.93	-2960.00	6	-966.62	10	-213.83	10	-455.65	14	-317.63	14	-20.20	10
607	-5	-489	Max	0.00	2888.13	14	-293.16	2	207.48	10	44.97	6	9.07	6	31.03	2
607	-5	-489	Max	28.74					-27.87	6			14.46	6		
607	-5	-489	Max	43.93	2885.77	14	-293.16	2	-62.09	2	-20.88	6	12.84	6	31.03	2
607	-5	-489	Min.	0.00	-2871.84	6	-950.06	10	66.69	2	-72.58	14	-10.52	14	-16.44	10
607	-5	-489	Min.	28.74					-53.39	6			-31.83	6		
607	-5	-489	Min.	43.93	-2874.20	6	-950.06	10	-209.86	10	-138.43	14	-55.35	14	-16.44	10
608	50	112	Max	0.00	4749.24	14	1061.89	10	-52.63	2	140.62	14	28.49	14	68.58	6
608	50	112	Max	33.22					72.57	8			20.27	8		
608	50	112	Max	42.00	4751.50	14	1061.89	10	223.08	10	77.66	14	74.33	14	68.58	6
608	50	112	Min.	0.00	-6347.88	6	230.04	2	-222.99	10	-307.50	6	-51.13	6	-12.04	14
608	50	112	Min.	33.22					78.00	8			-138.93	8		
608	50	112	Min.	42.00	-6345.62	6	230.04	2	43.91	2	-370.46	6	-193.50	6	-12.04	14
608	112	-443	Max	24.98	5593.16	14	1640.33	10	-47.58	2	1633.13	14	755.86	6	126.71	14
608	112	-443	Max	26.60					-205.57	4			54.65	4		
608	112	-443	Max	59.41	5595.00	14	1640.33	10	315.83	10	1581.52	14	329.21	6	126.71	14
608	112	-443	Min.	24.98	-8592.33	6	316.00	2	-249.10	10	-1215.01	6	-902.42	14	-11.62	6
608	112	-443	Min.	26.60					-54.39	4			-10.35	4		
608	112	-443	Min.	59.41	-8590.48	6	316.00	2	61.03	2	-1266.62	6	-349.58	14	-11.62	6
608	-443	-442	Max	0.00	878.64	14	657.60	10	-39.13	2	249.00	14	480.93	6	59.15	10
608	-443	-442	Max	13.52					-22.23	10			189.04	10		
608	-443	-442	Max	59.41	881.83	14	657.60	10	190.87	10	159.94	14	410.24	6	59.15	10
608	-443	-442	Min.	0.00	-2787.77	6	131.03	2	-199.83	10	-77.45	6	-415.72	14	2.17	2
608	-443	-442	Min.	13.52					-110.93	10			-200.27	10		
608	-443	-442	Min.	59.41	-2784.58	6	131.03	2	38.72	2	-166.52	6	-296.03	14	2.17	2
608	-442	-441	Max	0.00	-224.09	6	613.49	10	-38.61	2	232.26	14	382.51	6	37.61	10
608	-442	-441	Max	26.94					-18.34	4			146.32	4		
608	-442	-441	Max	59.41	-220.91	6	613.49	10	179.63	2	143.20	14	291.25	6	37.61	10
608	-442	-441	Min.	0.00	-661.92	14	130.18	2	-185.08	10	-110.63	6	-185.18	14	-1.36	2
608	-442	-441	Min.	48.57					106.39	12			78.42	12		
608	-442	-441	Min.	59.41	-658.73	14	130.18	2	38.52	10	-199.69	6	-74.57	14	-1.36	2
608	-441	-440	Max	0.00	1519.96	6	591.85	2	-38.35	10	163.75	14	249.74	6	18.04	10
608	-441	-440	Max	11.51					-102.44	4			144.32	4		
608	-441	-440	Max	59.41	1523.14	6	591.85	2	174.84	2	74.69	14	167.89	6	18.04	10
608	-441	-440	Min.	0.00	-890.72	14	129.00	10	-176.80	2	-93.96	6	-0.27	14	-4.79	2
608	-441	-440	Min.	28.25					-2.50	12			115.01	12		
608	-441	-440	Min.	59.41	-887.53	14	129.00	10	38.29	10	-183.02	6	70.14	14	-4.79	2
608	-440	-439	Max	0.00	2407.71	6	589.42	2	-38.41	10	135.40	14	118.27	14	2.07	10
608	-440	-439	Max	52.06					130.59	10			136.61	10		
608	-440	-439	Max	59.41	2410.90	6	589.42	2	175.67	2	46.34	14	171.97	14	2.07	10
608	-440	-439	Min.	0.00	-276.48	14	129.97	10	-174.52	2	-110.87	6	104.60	6	-12.13	2
608	-440	-439	Min.	52.06					29.25	10			73.90	10		
608	-440	-439	Min.	59.41	-273.29	14	129.97	10	38.80	10	-199.93	6	12.57	6	-12.13	2
608	-439	-438	Max	0.00	2195.49	6	605.06	2	-39.27	10	127.36	14	198.26	14	-3.89	10
608	-439	-438	Max	54.02					90.33	8			169.10	8		
608	-439	-438	Max	59.41	2198.67	6	605.06	2	181.76	2	38.30	14	247.22	14	-3.89	10
608	-439	-438	Min.	0.00	923.32	14	133.54	10	-177.73	2	-174.94	6	-78.65	6	-27.74	2
608	-439	-438	Min.	54.02					94.37	8			-168.65	8		
608	-439	-438	Min.	59.41	926.51	14	133.54	10	40.07	10	-264.00	6	-208.80	6	-27.74	2
608	-438	-437	Max	0.00	2553.50	14	640.04	2	-40.90	10	88.54	14	257.05	14	-7.74	10
608	-438	-437	Max	57.85					146.22	14			281.97	14		
608	-438	-437	Max	59.41	2556.68	14	640.04	2	193.91	2	-0.52	14	281.96	14	-7.74	10
608	-438	-437	Min.	0.00	452.19	6	139.87	10	-186.36	2	-183.04	6	-340.67	6	-50.24	2
608	-438	-437	Min.	39.38					27.77	6			-423.50	6		
608	-438	-437	Min.	59.41	455.37	6	139.87	10	42.20	10	-272.11	6	-474.64	6	-50.24	2
608	-437	111	Max	0.00	6382.87	14	1619.37	2	-66.32	10	681.40	14	186.53	14	-2.36	14
608	-437	111	Max	34.43	6384.72	14	1619.37	2	248.20	2	629.79	14	412.00	14	-2.36	14
608	-437	111	Min.	0.00	-4190.57	6	343.76	10	-309.40	2	-1768.14	6	-403.77	6	-145.22	6
608	-437	111	Min.	34.43	-4188.72	6	343.76	10	51.97	10	-1819.75	6	-1021.17	6	-145.22	6
608	111	-495	Max	0.00	3948.43	14	908.89	2	-51.83	10	429.52	14	61.97	6	80.53	2

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608	111	-495	Max	47.50	3950.97	14	908.89	2	210.06	2	358.31	14	84.11	6	80.53	2
608	111	-495	Min.	0.00	-3943.78	6	261.38	10	-221.77	2	77.98	6	-377.18	14	-137.27	10
608	111	-495	Min.	47.50	-3941.23	6	261.38	10	72.21	10	6.77	6	-192.09	14	-137.27	10
608	-495	48	Max	0.00	3165.79	14	850.16	2	-77.84	10	166.36	14	56.78	6	52.23	2
608	-495	48	Max	3.39					-122.88	16			26.65	16		
608	-495	48	Max	47.50	3168.34	14	850.16	2	198.19	2	95.15	14	21.47	6	52.23	2
608	-495	48	Min.	0.00	-3609.30	6	336.85	10	-205.68	2	-38.82	6	-89.74	14	-31.23	10
608	-495	48	Min.	3.39					-117.40	16			-71.30	16		
608	-495	48	Min.	47.50	-3606.75	6	336.85	10	82.12	10	-110.02	6	-27.67	14	-31.23	10
609	57	101	Max	0.00	0.00	2	5.81	2	3.90	10	106.98	2	7.45	10	126.71	6
609	57	101	Max	29.65					2.71	12			14.40	12		
609	57	101	Max	41.00	0.00	2	2.23	2	5.52	10	4.54	2	29.85	10	126.71	6
609	57	101	Min.	0.00	0.00	2	-16.32	10	-12.93	2	-199.84	10	-27.89	2	-75.50	14
609	57	101	Min.	40.18					-17.41	4			-111.11	4		
609	57	101	Min.	41.00	0.00	2	-19.90	10	-20.32	2	-302.28	10	-130.36	2	-75.50	14
609	101	-364	Max	50.00	0.00	2	208.05	10	66.55	2	4916.84	10	308.33	2	430.39	10
609	101	-364	Max	56.62	0.00	2	205.78	10	66.97	2	4851.82	10	317.66	2	430.39	10
609	101	-364	Min.	50.00	0.00	2	7.29	2	-270.80	10	169.39	2	-1172.85	10	-52.25	2
609	101	-364	Min.	56.62	0.00	2	5.02	2	-257.10	10	104.38	2	-849.52	10	-52.25	2
609	-364	-363	Max	0.00	0.00	2	100.60	2	102.46	2	1235.99	2	418.90	2	138.09	10
609	-364	-363	Max	46.99					111.27	2			525.70	2		
609	-364	-363	Max	56.62	0.00	2	81.19	2	112.16	2	680.29	2	521.23	2	138.09	10
609	-364	-363	Min.	0.00	0.00	2	25.53	10	-161.63	10	444.73	10	-914.10	10	-107.61	2
609	-364	-363	Min.	46.52					-119.13	10			-451.43	10		
609	-364	-363	Min.	56.62	0.00	2	6.13	10	-110.89	10	-110.97	10	-379.39	10	-107.61	2
609	-363	-362	Max	0.00	0.00	2	59.64	2	132.36	2	804.21	2	585.33	2	95.53	10
609	-363	-362	Max	27.88					133.60	2			623.15	2		
609	-363	-362	Max	56.62	0.00	2	40.23	2	132.13	2	248.51	2	583.12	2	95.53	10
609	-363	-362	Min.	0.00	0.00	2	8.18	10	-20.47	10	261.80	10	-198.42	10	-114.70	2
609	-363	-362	Min.	25.47					-6.66	10			-28.08	10		
609	-363	-362	Min.	56.62	0.00	2	-11.23	10	7.17	10	-293.90	10	92.75	10	-114.70	2
609	-362	-361	Max	0.00	0.00	2	39.32	10	123.56	2	590.06	10	580.91	2	91.74	10
609	-362	-361	Max	4.86					122.93	2			582.07	2		
609	-362	-361	Max	56.62	0.00	2	19.92	10	111.33	2	34.36	10	453.87	2	91.74	10
609	-362	-361	Min.	0.00	0.00	2	-12.27	2	62.33	10	46.21	2	213.83	10	-63.67	2
609	-362	-361	Min.	5.48					64.42	10			244.61	10		
609	-362	-361	Min.	56.62	0.00	2	-31.68	2	78.88	10	-509.49	2	386.50	10	-63.67	2
609	-361	-360	Max	0.00	0.00	2	16.35	10	105.73	10	347.94	10	454.91	10	111.71	14
609	-361	-360	Max	34.80					108.98	10			510.95	10		
609	-361	-360	Max	56.62	0.00	2	-3.05	10	109.01	10	-207.76	10	488.12	10	111.71	14
609	-361	-360	Min.	0.00	0.00	2	-34.45	2	69.78	2	-187.53	2	368.45	2	-39.66	6
609	-361	-360	Min.	46.12					53.46	10			198.02	10		
609	-361	-360	Min.	56.62	0.00	2	-53.85	2	45.26	2	-743.23	2	111.41	2	-39.66	6
609	-360	-359	Max	0.00	0.00	2	-5.02	10	105.19	10	122.64	10	488.24	10	159.43	14
609	-360	-359	Max	10.37					104.31	10			493.31	10		
609	-360	-359	Max	56.62	0.00	2	-24.43	10	96.07	10	-433.06	10	391.73	10	159.43	14
609	-360	-359	Min.	0.00	0.00	2	-52.64	2	-24.60	2	-379.36	2	-33.02	2	-38.70	6
609	-360	-359	Min.	8.07					-28.82	2			-64.92	2		
609	-360	-359	Min.	56.62	0.00	2	-72.05	2	-59.12	2	-935.06	2	-396.54	2	-38.70	6
609	-359	-358	Max	0.00	0.00	2	-31.92	10	56.68	10	-160.88	10	312.20	10	172.10	6
609	-359	-358	Max	56.62	0.00	2	-51.32	10	32.10	10	-716.58	10	52.69	10	172.10	6
609	-359	-358	Min.	0.00	0.00	2	-98.65	2	-168.31	2	-864.34	2	-614.68	2	-121.36	14
609	-359	-358	Min.	56.62	0.00	2	-118.06	2	-228.66	2	-1420.04	2	-1250.36	2	-121.36	14
609	-358	104	Max	0.00	0.00	2	-30.02	10	-6.70	10	-695.66	10	19.97	10	189.17	14
609	-358	104	Max	6.62	0.00	2	-32.29	10	-8.78	10	-760.68	10	-28.75	10	189.17	14
609	-358	104	Min.	0.00	0.00	2	-243.70	2	-334.05	2	-5748.40	2	-1142.23	2	-492.91	6
609	-358	104	Min.	6.62	0.00	2	-245.97	2	-350.26	2	-5813.42	2	-1524.74	2	-492.91	6
609	104	-380	Max	0.00	0.00	2	154.07	2	-122.78	2	1788.06	2	-721.32	2	227.79	14
609	104	-380	Max	57.22	0.00	2	134.46	2	-75.71	2	1226.50	2	-228.93	2	227.79	14
609	104	-380	Min.	0.00	0.00	2	86.15	10	-357.79	10	1078.36	10	-1895.78	10	-196.25	6
609	104	-380	Min.	57.22	0.00	2	66.54	10	-278.62	10	516.80	10	-1069.28	10	-196.25	6
609	-380	-379	Max	0.00	0.00	2	86.83	2	23.63	2	1085.50	2	8.23	2	88.76	14
609	-380	-379	Max	57.22	0.00	2	67.22	2	50.51	2	523.94	2	289.16	2	88.76	14
609	-380	-379	Min.	0.00	0.00	2	50.68	10	-138.28	10	707.86	10	-776.41	10	-205.38	6
609	-380	-379	Min.	57.22	0.00	2	31.07	10	-97.69	10	146.30	10	-352.47	10	-205.38	6
609	-379	-378	Max	0.00	0.00	2	67.87	2	108.64	2	887.46	2	430.08	2	73.65	10
609	-379	-378	Max	56.94					118.65	10			565.42	10		
609	-379	-378	Max	57.22	0.00	2	48.26	2	124.33	2	325.90	2	594.17	2	73.65	10
609	-379	-378	Min.	0.00	0.00	2	33.42	10	-12.77	10	527.54	10	-172.90	10	-142.64	2
609	-379	-378	Min.	56.94					18.16	10			150.57	10		
609	-379	-378	Min.	57.22	0.00	2	13.81	10	18.29	10	-34.03	10	151.37	10	-142.64	2
609	-378	-377	Max	0.00	0.00	2	42.37	2	153.03	2	621.02	2	669.04	2	70.56	10
609	-378	-377	Max	35.19					156.46	2			728.69	2		
609	-378	-377	Max	57.22	0.00	2	22.76	2	156.49	2	59.46	2	705.46	2	70.56	10
609	-378	-377	Min.	0.00	0.00	2	13.32	10	77.10	10	317.52	10	279.85	10	-93.17	2
609	-378	-377	Min.	33.60					88.59	10			424.89	10		
609	-378	-377	Min.	57.22	0.00	2	-6.29	10	94.29	10	-244.04	10	459.15	10	-93.17	2
609	-377	-376	Max	0.00	0.00	2	18.97	2	153.84	2	376.57	2	707.86	2	72.45	10
609	-377	-376	Max	12.48					152.91	2			715.44	2		

Relazione di calcolo

609	-377	-376	Max	57.22	0.00	2	-0.64	2	145.29	2	-184.99	2	619.48	2	72.45	10
609	-377	-376	Min.	0.00	0.00	2	-6.76	10	119.82	10	107.69	10	513.41	10	-51.72	2
609	-377	-376	Min.	11.07					121.55	10			547.51	10		
609	-377	-376	Min.	57.22	0.00	2	-26.37	10	124.13	10	-453.87	10	557.55	10	-51.72	2
609	-376	-375	Max	0.00	0.00	2	-3.41	2	118.88	10	142.76	2	560.98	10	87.32	10
609	-376	-375	Max	0.29					115.78	16			556.18	16		
609	-376	-375	Max	57.22	0.00	2	-23.02	2	110.42	10	-418.80	2	459.48	10	87.32	10
609	-376	-375	Min.	0.00	0.00	2	-28.14	10	111.44	2	-115.61	10	535.15	2	-21.92	2
609	-376	-375	Min.	1.14					114.33	8			540.18	8		
609	-376	-375	Min.	57.22	0.00	2	-47.75	10	90.63	2	-677.17	10	330.86	2	-21.92	2
609	-375	-374	Max	0.00	0.00	2	-25.63	2	73.81	10	-89.38	2	379.51	10	136.12	14
609	-375	-374	Max	57.22	0.00	2	-45.24	2	52.52	10	-650.94	2	156.52	10	136.12	14
609	-375	-374	Min.	0.00	0.00	2	-50.79	10	24.48	2	-352.25	10	187.01	2	-22.66	6
609	-375	-374	Min.	57.22	0.00	2	-70.40	10	-9.18	2	-913.82	10	-164.05	2	-22.66	6
609	-374	-373	Max	0.00	0.00	2	-48.93	6	-16.22	10	-332.84	6	8.10	10	177.18	14
609	-374	-373	Max	57.22	0.00	2	-68.54	6	-51.38	10	-894.40	6	-359.79	10	177.18	14
609	-374	-373	Min.	0.00	0.00	2	-72.94	14	-104.31	2	-583.76	14	-367.87	2	-39.83	6
609	-374	-373	Min.	57.22	0.00	2	-92.55	14	-150.10	2	-1145.32	14	-845.81	2	-39.83	6
609	-373	105	Max	0.00	0.00	2	-127.99	10	-142.47	10	-1443.79	10	-415.42	10	141.29	14
609	-373	105	Max	44.72	0.00	2	-143.32	10	-203.62	10	-1882.68	10	-1166.73	10	141.29	14
609	-373	105	Min.	0.00	0.00	2	-221.69	2	-279.61	2	-2597.39	2	-881.30	2	-230.37	6
609	-373	105	Min.	44.72	0.00	2	-237.01	2	-381.69	2	-3036.28	2	-2133.57	2	-230.37	6
609	105	-396	Max	12.50	0.00	2	257.35	10	-235.17	2	3147.89	10	-1342.21	2	211.83	14
609	105	-396	Max	60.00	0.00	2	241.07	10	-160.51	2	2681.74	10	-468.33	2	211.83	14
609	105	-396	Min.	12.50	0.00	2	164.23	2	-397.80	10	2055.96	2	-2235.26	10	-136.55	6
609	105	-396	Min.	60.00	0.00	2	147.95	2	-279.94	10	1589.81	2	-858.73	10	-136.55	6
609	-396	-395	Max	0.00	0.00	2	99.51	2	-50.88	2	1190.05	2	-366.79	2	21.73	14
609	-396	-395	Max	60.00	0.00	2	78.95	2	-10.47	2	601.23	2	39.52	2	21.73	14
609	-396	-395	Min.	0.00	0.00	2	75.45	10	-139.68	10	948.54	10	-808.47	10	-198.27	6
609	-396	-395	Min.	60.00	0.00	2	54.89	10	-87.45	10	359.71	10	-284.93	10	-198.27	6
609	-395	-394	Max	0.00	0.00	2	76.98	2	73.51	2	963.92	2	240.55	2	2.48	14
609	-395	-394	Max	60.00	0.00	2	56.42	2	99.99	2	375.10	2	507.06	2	2.48	14
609	-395	-394	Min.	0.00	0.00	2	53.12	10	15.33	10	724.41	10	-62.28	10	-149.14	6
609	-395	-394	Min.	60.00	0.00	2	32.56	10	54.56	10	135.59	10	330.93	10	-149.14	6
609	-394	-393	Max	0.00	0.00	2	52.20	2	149.37	2	715.13	2	624.37	2	0.10	10
609	-394	-393	Max	54.53					161.76	2			759.26	2		
609	-394	-393	Max	60.00	0.00	2	31.63	2	162.47	2	126.31	2	758.32	2	0.10	10
609	-394	-393	Min.	0.00	0.00	2	31.17	10	127.34	10	504.10	10	491.20	10	-97.64	2
609	-394	-393	Min.	53.64					149.93	10			727.96	10		
609	-394	-393	Min.	60.00	0.00	2	10.61	10	151.93	10	-84.72	10	735.50	10	-97.64	2
609	-393	-392	Max	0.00	0.00	2	29.34	2	190.15	10	485.69	2	818.50	10	16.97	10
609	-393	-392	Max	48.56					199.81	10			932.03	10		
609	-393	-392	Max	60.00	0.00	2	8.78	2	200.93	10	-103.13	2	925.65	10	16.97	10
609	-393	-392	Min.	0.00	0.00	2	9.44	10	177.54	2	286.00	10	786.88	2	-70.38	2
609	-393	-392	Min.	49.34					178.57	2			815.21	2		
609	-393	-392	Min.	60.00	0.00	2	-11.12	10	177.68	2	-302.83	10	789.45	2	-70.38	2
609	-392	-391	Max	0.00	0.00	2	7.98	2	206.57	10	271.36	2	929.46	10	55.72	14
609	-392	-391	Max	25.52					206.95	10			960.79	10		
609	-392	-391	Max	60.00	0.00	2	-12.58	2	203.99	10	-317.46	2	903.39	10	55.72	14
609	-392	-391	Min.	0.00	0.00	2	-13.42	10	159.13	2	56.54	10	739.19	2	-66.63	6
609	-392	-391	Min.	26.58					154.92	2			725.74	2		
609	-392	-391	Min.	60.00	0.00	2	-33.98	10	146.11	2	-532.28	10	608.70	2	-66.63	6
609	-391	-390	Max	0.00	0.00	2	-13.25	2	176.87	10	58.18	2	830.70	10	114.62	14
609	-391	-390	Max	1.57					176.60	10			830.83	10		
609	-391	-390	Max	60.00	0.00	2	-33.82	2	160.72	10	-530.64	2	668.59	10	114.62	14
609	-391	-390	Min.	0.00	0.00	2	-36.81	10	92.88	2	-178.24	10	471.34	2	-79.52	6
609	-391	-390	Min.	3.07					91.84	2			466.69	2		
609	-391	-390	Min.	60.00	0.00	2	-57.37	10	66.65	2	-767.06	10	208.12	2	-79.52	6
609	-390	-389	Max	0.00	0.00	2	-33.46	6	102.33	10	-144.59	6	525.52	10	158.47	14
609	-390	-389	Max	60.00	0.00	2	-54.02	6	73.05	10	-733.41	6	231.69	10	158.47	14
609	-390	-389	Min.	0.00	0.00	2	-60.61	14	-17.12	2	-417.12	14	3.04	2	-116.38	6
609	-390	-389	Min.	60.00	0.00	2	-81.17	14	-56.62	2	-1005.94	14	-393.45	2	-116.38	6
609	-389	108	Max	0.00	0.00	2	-91.38	10	-13.01	10	-1193.34	10	122.91	10	120.94	14
609	-389	108	Max	35.00	0.00	2	-103.38	10	-47.68	10	-1536.82	10	-364.73	10	120.94	14
609	-389	108	Min.	0.00	0.00	2	-216.34	2	-169.49	2	-2960.98	2	-366.28	2	-358.56	6
609	-389	108	Min.	35.00	0.00	2	-228.34	2	-246.72	2	-3304.46	2	-1452.87	2	-358.56	6
609	108	60	Max	0.00	0.00	2	24.33	10	-7.15	2	358.25	10	-49.41	2	43.61	6
609	108	60	Max	42.00	0.00	2	20.67	10	-4.13	2	253.32	10	-8.08	2	43.61	6
609	108	60	Min.	0.00	0.00	2	8.98	2	-27.33	10	149.62	2	-170.85	10	-175.67	14
609	108	60	Min.	42.00	0.00	2	5.32	2	-17.90	10	44.69	2	-42.94	10	-175.67	14
610	110	113	Max	0.00	0.00	2	-0.24	2	25.22	10	350.14	10	25.23	2	96.19	14
610	110	113	Max	11.96					20.36	2			27.01	2		
610	110	113	Max	41.00	0.00	2	3.33	2	16.39	10	247.71	10	16.52	2	96.19	14
610	110	113	Min.	0.00	0.00	2	-23.35	10	-5.51	2	29.82	2	-159.53	10	-167.61	6
610	110	113	Min.	11.96					-5.48	2			-108.23	2		
610	110	113	Min.	41.00	0.00	2	-19.77	10	-4.88	2	-72.62	2	-37.04	10	-167.61	6
610	-490	110	Max	0.00	0.00	2	168.32	2	85.47	2	192.61	10	258.47	10	76.83	6
610	-490	110	Max	19.43					108.89	10			276.19	10		
610	-490	110	Max	35.83	0.00	2	180.60	2	147.94	2	-159.04	10	263.12	10	76.83	6

Relazione di calcolo

610	-490	110	Min.	0.00	0.00	2	-6.44	10	-58.45	10	-2238.30	2	-70.23	2	-287.07	14
610	-490	110	Min.	19.43					-59.03	10			-478.18	10		
610	-490	110	Min.	35.83	0.00	2	5.84	10	-58.51	10	-2589.96	2	-933.94	2	-287.07	14
610	-491	-490	Max	0.00	0.00	2	33.60	2	-33.89	2	172.37	10	469.61	10	100.42	6
610	-491	-490	Max	17.18					-31.23	10			483.85	10		
610	-491	-490	Max	60.83	0.00	2	54.44	2	-7.27	2	-424.63	10	391.07	10	100.42	6
610	-491	-490	Min.	0.00	0.00	2	2.29	10	-103.35	10	-138.21	2	200.50	2	-34.10	14
610	-491	-490	Min.	15.06					-99.05	2			169.35	2		
610	-491	-490	Min.	60.83	0.00	2	23.14	10	-95.46	10	-735.21	2	-63.36	2	-34.10	14
610	-492	-491	Max	0.00	0.00	2	12.18	2	-95.73	2	316.37	10	489.60	2	45.44	10
610	-492	-491	Max	31.87					-90.91	10			537.91	10		
610	-492	-491	Max	60.83	0.00	2	33.03	2	-82.23	2	-280.63	10	497.20	10	45.44	10
610	-492	-491	Min.	0.00	0.00	2	-12.23	10	-112.64	10	74.19	2	448.04	10	-18.53	2
610	-492	-491	Min.	30.86					-113.99	2			426.86	2		
610	-492	-491	Min.	60.83	0.00	2	8.62	10	-113.48	10	-522.81	2	314.86	2	-18.53	2
610	-493	-492	Max	0.00	0.00	2	-7.16	2	-85.61	10	484.62	10	525.27	2	44.25	14
610	-493	-492	Max	27.77					-94.38	2			562.82	2		
610	-493	-492	Max	60.83	0.00	2	13.68	2	-96.61	10	-112.38	10	515.66	6	44.25	14
610	-493	-492	Min.	0.00	0.00	2	-29.18	10	-119.21	2	266.14	2	337.16	10	-100.21	6
610	-493	-492	Min.	28.06					-117.89	10			433.01	10		
610	-493	-492	Min.	60.83	0.00	2	-8.33	10	-117.64	2	-330.86	2	440.31	14	-100.21	6
610	-494	-493	Max	0.00	0.00	2	-21.81	10	-22.45	10	676.39	2	442.20	2	105.18	14
610	-494	-493	Max	45.66					-44.10	2			542.77	2		
610	-494	-493	Max	60.83	0.00	2	-0.96	10	-43.52	10	79.39	2	531.65	2	105.18	14
610	-494	-493	Min.	0.00	0.00	2	-48.51	2	-107.18	2	411.47	10	20.50	10	-215.97	6
610	-494	-493	Min.	44.79					-110.40	10			210.34	10		
610	-494	-493	Min.	60.83	0.00	2	-27.66	2	-116.20	2	-185.53	10	229.65	10	-215.97	6
610	111	-494	Max	25.00	0.00	2	6.90	2	117.02	10	2205.24	10	396.07	2	477.72	14
610	111	-494	Max	31.32					107.47	10			346.06	10		
610	111	-494	Max	60.83	0.00	2	19.18	2	64.70	10	1853.58	10	331.46	2	477.72	14
610	111	-494	Min.	25.00	0.00	2	-152.94	10	-83.67	2	-18.18	2	-751.79	10	-362.27	6
610	111	-494	Min.	31.32					-73.84	10			-614.85	10		
610	111	-494	Min.	60.83	0.00	2	-140.66	10	-79.29	2	-369.83	2	-29.49	10	-362.27	6
610	66	111	Max	0.00	0.00	2	9.66	14	2.09	10	159.14	6	14.82	10	10.47	6
610	66	111	Max	5.20					1.11	12			14.08	12		
610	66	111	Max	13.00	0.00	2	10.79	14	3.29	10	126.66	6	30.43	6	10.47	6
610	66	111	Min.	0.00	0.00	2	-6.21	6	-4.65	2	-242.67	14	2.49	2	-67.88	14
610	66	111	Min.	5.20					-3.04	12			-3.42	12		
610	66	111	Min.	13.00	0.00	2	-5.08	6	-5.26	2	-275.15	14	-28.20	14	-67.88	14
613	114	109	Max	0.00	0.00	2	-1.57	10	-0.67	10	4.62	10	0.42	10	167.54	14
613	114	109	Max	1.65					-0.70	10			0.46	10		
613	114	109	Max	41.00	0.00	2	-5.15	10	-2.05	10	-97.82	10	-18.73	10	167.54	14
613	114	109	Min.	0.00	0.00	2	-17.76	2	-14.72	2	-219.81	2	-33.22	2	-85.61	6
613	114	109	Min.	1.65					-13.57	10			-33.25	10		
613	114	109	Min.	41.00	0.00	2	-21.34	2	-22.73	2	-322.24	2	-144.28	2	-85.61	6
613	109	-408	Max	25.00	0.00	2	162.60	10	26.18	2	2767.25	10	74.62	2	215.92	6
613	109	-408	Max	52.14	0.00	2	153.29	10	34.80	2	2500.88	10	216.69	2	215.92	6
613	109	-408	Min.	25.00	0.00	2	36.16	2	-167.71	10	650.47	2	-983.44	10	-61.37	14
613	109	-408	Min.	52.14	0.00	2	26.86	2	-124.92	10	384.09	2	-270.15	10	-61.37	14
613	-408	-407	Max	0.00	0.00	2	69.72	10	80.69	2	943.37	10	307.59	2	36.19	14
613	-408	-407	Max	52.14	0.00	2	51.85	10	93.68	2	431.65	10	454.63	2	36.19	14
613	-408	-407	Min.	0.00	0.00	2	33.41	2	-36.66	10	532.71	2	-292.77	10	-58.84	6
613	-408	-407	Min.	52.14	0.00	2	15.54	2	-5.19	10	21.00	2	63.03	10	-58.84	6
613	-407	-406	Max	0.00	0.00	2	46.39	10	119.34	2	679.54	10	515.77	2	30.59	10
613	-407	-406	Max	34.23					122.80	2			573.14	2		
613	-407	-406	Max	52.14	0.00	2	28.52	10	123.02	2	167.83	10	557.44	2	30.59	10
613	-407	-406	Min.	0.00	0.00	2	15.93	2	56.89	10	335.00	2	176.33	10	-52.08	2
613	-407	-406	Min.	34.70					70.90	10			352.84	10		
613	-407	-406	Min.	52.14	0.00	2	-1.94	2	76.39	10	-176.71	2	396.85	10	-52.08	2
613	-406	-405	Max	0.00	0.00	2	28.44	2	123.90	10	476.48	2	572.64	10	84.01	14
613	-406	-405	Max	48.46					123.09	2			581.62	2		
613	-406	-405	Max	52.14	0.00	2	10.57	2	123.62	10	-35.24	2	580.97	2	84.01	14
613	-406	-405	Min.	0.00	0.00	2	-4.57	10	113.18	2	103.12	10	465.74	2	-69.92	6
613	-406	-405	Min.	48.46					117.35	2			507.26	2		
613	-406	-405	Min.	52.14	0.00	2	-22.44	10	116.59	2	-408.60	10	492.81	10	-69.92	6
613	-405	-404	Max	0.00	0.00	2	10.66	2	135.74	10	275.42	2	611.26	10	160.17	14
613	-405	-404	Max	22.11					136.08	10			633.08	10		
613	-405	-404	Max	52.14	0.00	2	-7.20	2	134.13	10	-236.30	2	592.97	10	160.17	14
613	-405	-404	Min.	0.00	0.00	2	-25.74	10	89.48	2	-136.36	10	441.10	2	-110.50	6
613	-405	-404	Min.	24.23					83.52	2			395.55	2		
613	-405	-404	Min.	52.14	0.00	2	-43.61	10	73.92	2	-648.07	10	265.08	2	-110.50	6
613	-404	-403	Max	0.00	0.00	2	-4.31	2	120.98	10	106.11	2	575.23	10	236.75	14
613	-404	-403	Max	2.81					114.57	2			542.69	2		
613	-404	-403	Max	52.14	0.00	2	-22.18	2	110.14	10	-405.60	2	452.72	10	236.75	14
613	-404	-403	Min.	0.00	0.00	2	-49.20	10	22.27	2	-401.58	10	169.00	2	-167.63	6
613	-404	-403	Min.	2.81					21.12	2			160.45	2		
613	-404	-403	Min.	52.14	0.00	2	-67.07	10	-4.10	2	-913.29	10	-129.38	2	-167.63	6
613	-403	112	Max	0.00	0.00	2	-0.82	10	76.92	10	51.74	10	364.75	10	329.76	14
613	-403	112	Max	27.14	0.00	2	-10.12	10	74.80	10	-214.63	10	330.45	10	329.76	14

Relazione di calcolo

613	-403	112	Min.	0.00	0.00	2	-123.18	2	-81.89	2	-1996.80	2	-137.91	2	-370.61	6
613	-403	112	Min.	27.14	0.00	2	-132.49	2	-115.96	2	-2263.17	2	-703.86	2	-370.61	6
613	112	65	Max	0.00	0.00	6	15.56	6	6.41	14	395.73	6	40.41	14	29.48	6
613	112	65	Max	8.49					1.05	12			4.99	12		
613	112	65	Max	13.00	0.00	6	14.42	6	5.32	14	363.25	6	12.72	14	29.48	6
613	112	65	Min.	0.00	0.00	6	-7.85	14	-8.21	6	-196.82	14	-58.12	6	-22.59	14
613	112	65	Min.	8.49					-1.09	12			-3.15	12		
613	112	65	Min.	13.00	0.00	6	-8.98	14	-6.26	6	-229.30	14	-8.78	6	-22.59	14

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-7192.06	17	-572.65	17	-1281.68	17	404.56	17	-1074.28	17	-1.45	17
21	1	101	Max	262.01	-6127.63	17	-572.65	17	-2782.11	17	404.57	17	-14.26	17	-1.45	17
21	1	101	Min.	0.00	-7192.06	17	-572.65	17	-1281.68	17	404.56	17	-1074.28	17	-1.45	17
21	1	101	Min.	262.01	-6127.63	17	-572.65	17	-2782.11	17	404.57	17	-14.26	17	-1.45	17
22	2	102	Max	0.00	-7835.49	17	165.07	17	-1132.93	17	-515.36	17	-82.48	17	-1.36	17
22	2	102	Max	279.01	-6702.00	17	165.07	17	-672.36	17	-515.36	17	-1520.41	17	-1.36	17
22	2	102	Min.	0.00	-7835.49	17	165.07	17	-1132.93	17	-515.36	17	-82.48	17	-1.36	17
22	2	102	Min.	279.01	-6702.00	17	165.07	17	-672.36	17	-515.36	17	-1520.41	17	-1.36	17
23	3	103	Max	0.00	-13587.70	17	741.96	17	-1614.62	17	-165.28	17	429.91	17	-1.36	17
23	3	103	Max	279.01	-12454.30	17	741.96	17	455.53	17	-165.28	17	-31.23	17	-1.36	17
23	3	103	Min.	0.00	-13587.70	17	741.96	17	-1614.62	17	-165.28	17	429.91	17	-1.36	17
23	3	103	Min.	279.01	-12454.30	17	741.96	17	455.53	17	-165.28	17	-31.23	17	-1.36	17
24	4	104	Max	0.00	-12154.10	17	-6.90	17	442.73	17	538.67	17	-1143.36	17	-1.45	17
24	4	104	Max	262.01	-11089.70	17	-6.90	17	424.66	17	538.67	17	268.03	17	-1.45	17
24	4	104	Min.	0.00	-12154.10	17	-6.90	17	442.73	17	538.67	17	-1143.36	17	-1.45	17
24	4	104	Min.	262.01	-11089.70	17	-6.90	17	424.66	17	538.67	17	268.03	17	-1.45	17
25	5	105	Max	0.00	-13096.90	17	-336.51	17	659.72	17	-175.31	17	117.48	17	-0.39	17
25	5	105	Max	262.01	-12564.70	17	-336.51	17	-221.98	17	-175.31	17	-341.85	17	-0.39	17
25	5	105	Min.	0.00	-13096.90	17	-336.51	17	659.72	17	-175.31	17	117.48	17	-0.39	17
25	5	105	Min.	262.01	-12564.70	17	-336.51	17	-221.98	17	-175.31	17	-341.85	17	-0.39	17
26	6	106	Max	0.00	-14642.60	17	440.14	17	-739.05	17	-230.44	17	208.73	17	-0.37	17
26	6	106	Max	279.01	-14075.90	17	440.14	17	488.99	17	-230.44	17	-434.22	17	-0.37	17
26	6	106	Min.	0.00	-14642.60	17	440.14	17	-739.05	17	-230.44	17	208.73	17	-0.37	17
26	6	106	Min.	279.01	-14075.90	17	440.14	17	488.99	17	-230.44	17	-434.22	17	-0.37	17
27	7	107	Max	0.00	-8882.97	17	226.86	17	-508.36	17	1100.05	17	-1023.15	17	-0.37	17
27	7	107	Max	279.01	-8316.22	17	226.86	17	124.62	17	1100.05	17	2046.13	17	-0.37	17
27	7	107	Min.	0.00	-8882.97	17	226.86	17	-508.36	17	1100.05	17	-1023.15	17	-0.37	17
27	7	107	Min.	279.01	-8316.22	17	226.86	17	124.62	17	1100.05	17	2046.13	17	-0.37	17
28	8	108	Max	0.00	-7669.45	17	-148.36	17	478.79	17	1180.88	17	-966.90	17	-0.39	17
28	8	108	Max	262.01	-7137.24	17	-148.36	17	90.06	17	1180.88	17	2127.17	17	-0.39	17
28	8	108	Min.	0.00	-7669.45	17	-148.36	17	478.79	17	1180.88	17	-966.90	17	-0.39	17
28	8	108	Min.	262.01	-7137.24	17	-148.36	17	90.06	17	1180.88	17	2127.17	17	-0.39	17
29	9	109	Max	0.00	-6367.02	17	-106.02	17	380.59	17	-739.38	17	667.30	17	-0.39	17
29	9	109	Max	262.01	-5834.81	17	-106.02	17	102.79	17	-739.38	17	-1269.95	17	-0.39	17
29	9	109	Min.	0.00	-6367.02	17	-106.02	17	380.59	17	-739.38	17	667.30	17	-0.39	17
29	9	109	Min.	262.01	-5834.81	17	-106.02	17	102.79	17	-739.38	17	-1269.95	17	-0.39	17
30	10	110	Max	0.00	-7693.92	17	70.31	17	-216.06	17	-552.07	17	463.95	17	-0.37	17
30	10	110	Max	279.01	-7127.17	17	70.31	17	-19.88	17	-552.07	17	-1076.39	17	-0.37	17
30	10	110	Min.	0.00	-7693.92	17	70.31	17	-216.06	17	-552.07	17	463.95	17	-0.37	17
30	10	110	Min.	279.01	-7127.17	17	70.31	17	-19.88	17	-552.07	17	-1076.39	17	-0.37	17
31	11	111	Max	0.00	-6378.03	17	75.64	17	-190.00	17	338.66	17	-99.66	17	-0.37	17
31	11	111	Max	279.01	-5811.28	17	75.64	17	21.04	17	338.66	17	845.24	17	-0.37	17
31	11	111	Min.	0.00	-6378.03	17	75.64	17	-190.00	17	338.66	17	-99.66	17	-0.37	17
31	11	111	Min.	279.01	-5811.28	17	75.64	17	21.04	17	338.66	17	845.24	17	-0.37	17
32	12	112	Max	0.00	-5013.55	17	-185.78	17	483.79	17	337.79	17	-26.19	17	-0.39	17
32	12	112	Max	262.01	-4481.34	17	-185.78	17	-2.99	17	337.79	17	858.86	17	-0.39	17
32	12	112	Min.	0.00	-5013.55	17	-185.78	17	483.79	17	337.79	17	-26.19	17	-0.39	17
32	12	112	Min.	262.01	-4481.34	17	-185.78	17	-2.99	17	337.79	17	858.86	17	-0.39	17
401	35	-57	Max	0.00	0.00	17	0.00	17	0.00	17	-4598.56	17	1671.19	17	16.64	17
401	35	-57	Max	37.31	0.00	17	0.00	17	0.00	17	-3685.02	17	126.66	17	16.64	17
401	35	-57	Min.	0.00	0.00	17	0.00	17	0.00	17	-4598.56	17	1671.19	17	16.64	17
401	35	-57	Min.	37.31	0.00	17	0.00	17	0.00	17	-3685.02	17	126.66	17	16.64	17
401	-57	-58	Max	0.00	0.00	17	0.00	17	0.00	17	-3685.02	17	126.67	17	16.64	17
401	-57	-58	Max	37.31	0.00	17	0.00	17	0.00	17	-2793.88	17	-1081.18	17	16.64	17
401	-57	-58	Min.	0.00	0.00	17	0.00	17	0.00	17	-3685.02	17	126.67	17	16.64	17
401	-57	-58	Min.	37.31	0.00	17	0.00	17	0.00	17	-2793.88	17	-1081.18	17	16.64	17
401	-58	-59	Max	0.00	0.00	17	0.00	17	0.00	17	-2793.88	17	-1081.18	17	16.64	17
401	-58	-59	Max	37.31	0.00	17	0.00	17	0.00	17	-1924.30	17	-1960.67	17	16.64	17
401	-58	-59	Min.	0.00	0.00	17	0.00	17	0.00	17	-2793.88	17	-1081.18	17	16.64	17
401	-58	-59	Min.	37.31	0.00	17	0.00	17	0.00	17	-1924.30	17	-1960.67	17	16.64	17
401	-59	-60	Max	0.00	0.00	17	0.00	17	0.00	17	-1924.29	17	-1960.67	17	16.64	17
401	-59	-60	Max	37.31	0.00	17	0.00	17	0.00	17	-1073.71	17	-2519.38	17	16.64	17
401	-59	-60	Min.	0.00	0.00	17	0.00	17	0.00	17	-1924.29	17	-1960.67	17	16.64	17
401	-59	-60	Min.	37.31	0.00	17	0.00	17	0.00	17	-1073.71	17	-2519.38	17	16.64	17
401	-60	-61	Max	0.00	0.00	17	0.00	17	0.00	17	-1073.70	17	-2519.38	17	16.64	17
401	-60	-61	Max	37.31	0.00	17	0.00	17	0.00	17	-238.35	17	-2763.71	17	16.64	17

Relazione di calcolo

401	-60	-61	Min.	0.00	0.00	17	0.00	17	0.00	17	-1073.70	17	-2519.38	17	16.64	17
401	-60	-61	Min.	37.31	0.00	17	0.00	17	0.00	17	-238.35	17	-2763.71	17	16.64	17
401	-61	-62	Max	0.00	0.00	17	0.00	17	0.00	17	-238.35	17	-2763.71	17	16.64	17
401	-61	-62	Max	10.74									-2776.51	17		
401	-61	-62	Max	37.31	0.00	17	0.00	17	0.00	17	586.29	17	-2698.55	17	16.64	17
401	-61	-62	Min.	0.00	0.00	17	0.00	17	0.00	17	-238.35	17	-2763.71	17	16.64	17
401	-61	-62	Min.	10.74									-2776.51	17		
401	-61	-62	Min.	37.31	0.00	17	0.00	17	0.00	17	586.29	17	-2698.55	17	16.64	17
401	-62	-63	Max	0.00	0.00	17	0.00	17	0.00	17	586.29	17	-2698.55	17	16.64	17
401	-62	-63	Max	37.31	0.00	17	0.00	17	0.00	17	1404.82	17	-2327.00	17	16.64	17
401	-62	-63	Min.	0.00	0.00	17	0.00	17	0.00	17	586.29	17	-2698.55	17	16.64	17
401	-62	-63	Min.	37.31	0.00	17	0.00	17	0.00	17	1404.82	17	-2327.00	17	16.64	17
401	-63	-64	Max	0.00	0.00	17	0.00	17	0.00	17	1404.84	17	-2327.00	17	16.64	17
401	-63	-64	Max	37.31	0.00	17	0.00	17	0.00	17	2221.53	17	-1650.54	17	16.64	17
401	-63	-64	Min.	0.00	0.00	17	0.00	17	0.00	17	1404.84	17	-2327.00	17	16.64	17
401	-63	-64	Min.	37.31	0.00	17	0.00	17	0.00	17	2221.53	17	-1650.54	17	16.64	17
401	-64	-65	Max	0.00	0.00	17	0.00	17	0.00	17	2221.52	17	-1650.54	17	16.64	17
401	-64	-65	Max	37.31	0.00	17	0.00	17	0.00	17	3039.70	17	-669.22	17	16.64	17
401	-64	-65	Min.	0.00	0.00	17	0.00	17	0.00	17	2221.52	17	-1650.54	17	16.64	17
401	-64	-65	Min.	37.31	0.00	17	0.00	17	0.00	17	3039.70	17	-669.22	17	16.64	17
401	-65	-66	Max	0.00	0.00	17	0.00	17	0.00	17	3039.71	17	-669.22	17	16.64	17
401	-65	-66	Max	37.31	0.00	17	0.00	17	0.00	17	3861.40	17	617.99	17	16.64	17
401	-65	-66	Min.	0.00	0.00	17	0.00	17	0.00	17	3039.71	17	-669.22	17	16.64	17
401	-65	-66	Min.	37.31	0.00	17	0.00	17	0.00	17	3861.40	17	617.99	17	16.64	17
401	-66	-67	Max	0.00	0.00	17	0.00	17	0.00	17	3861.42	17	617.99	17	16.64	17
401	-66	-67	Max	37.31	0.00	17	0.00	17	0.00	17	4686.63	17	2212.46	17	16.64	17
401	-66	-67	Min.	0.00	0.00	17	0.00	17	0.00	17	3861.42	17	617.99	17	16.64	17
401	-66	-67	Min.	37.31	0.00	17	0.00	17	0.00	17	4686.63	17	2212.46	17	16.64	17
401	-67	-68	Max	0.00	0.00	17	0.00	17	0.00	17	4686.61	17	2212.45	17	16.64	17
401	-67	-68	Max	37.31	0.00	17	0.00	17	0.00	17	5512.94	17	4115.06	17	16.64	17
401	-67	-68	Min.	0.00	0.00	17	0.00	17	0.00	17	4686.61	17	2212.45	17	16.64	17
401	-67	-68	Min.	37.31	0.00	17	0.00	17	0.00	17	5512.94	17	4115.06	17	16.64	17
401	-68	5	Max	0.00	0.00	17	0.00	17	0.00	17	5512.94	17	4115.06	17	16.64	17
401	-68	5	Max	24.81	0.00	17	0.00	17	0.00	17	6060.52	17	5550.69	17	16.64	17
401	-68	5	Min.	0.00	0.00	17	0.00	17	0.00	17	5512.94	17	4115.06	17	16.64	17
401	-68	5	Min.	24.81	0.00	17	0.00	17	0.00	17	6060.52	17	5550.69	17	16.64	17
401	5	-44	Max	12.50	0.00	17	0.00	17	0.00	17	-6048.05	17	5447.05	17	-12.89	17
401	5	-44	Max	38.57	0.00	17	0.00	17	0.00	17	-5481.50	17	3944.31	17	-12.89	17
401	5	-44	Min.	12.50	0.00	17	0.00	17	0.00	17	-6048.05	17	5447.05	17	-12.89	17
401	5	-44	Min.	38.57	0.00	17	0.00	17	0.00	17	-5481.50	17	3944.31	17	-12.89	17
401	-44	-45	Max	0.00	0.00	17	0.00	17	0.00	17	-5481.39	17	3944.33	17	-12.89	17
401	-44	-45	Max	38.57	0.00	17	0.00	17	0.00	17	-4656.97	17	1989.76	17	-12.89	17
401	-44	-45	Min.	0.00	0.00	17	0.00	17	0.00	17	-5481.39	17	3944.33	17	-12.89	17
401	-44	-45	Min.	38.57	0.00	17	0.00	17	0.00	17	-4656.97	17	1989.76	17	-12.89	17
401	-45	-46	Max	0.00	0.00	17	0.00	17	0.00	17	-4656.97	17	1989.75	17	-12.89	17
401	-45	-46	Max	38.57	0.00	17	0.00	17	0.00	17	-3853.70	17	349.20	17	-12.89	17
401	-45	-46	Min.	0.00	0.00	17	0.00	17	0.00	17	-4656.97	17	1989.75	17	-12.89	17
401	-45	-46	Min.	38.57	0.00	17	0.00	17	0.00	17	-3853.70	17	349.20	17	-12.89	17
401	-46	-47	Max	0.00	0.00	17	0.00	17	0.00	17	-3853.74	17	349.20	17	-12.89	17
401	-46	-47	Max	38.57	0.00	17	0.00	17	0.00	17	-3073.63	17	-986.34	17	-12.89	17
401	-46	-47	Min.	0.00	0.00	17	0.00	17	0.00	17	-3853.74	17	349.20	17	-12.89	17
401	-46	-47	Min.	38.57	0.00	17	0.00	17	0.00	17	-3073.63	17	-986.34	17	-12.89	17
401	-47	-48	Max	0.00	0.00	17	0.00	17	0.00	17	-3073.61	17	-986.33	17	-12.89	17
401	-47	-48	Max	38.57	0.00	17	0.00	17	0.00	17	-2316.46	17	-2025.11	17	-12.89	17
401	-47	-48	Min.	0.00	0.00	17	0.00	17	0.00	17	-3073.61	17	-986.33	17	-12.89	17
401	-47	-48	Min.	38.57	0.00	17	0.00	17	0.00	17	-2316.46	17	-2025.11	17	-12.89	17
401	-48	-49	Max	0.00	0.00	17	0.00	17	0.00	17	-2316.45	17	-2025.11	17	-12.89	17
401	-48	-49	Max	38.57	0.00	17	0.00	17	0.00	17	-1579.24	17	-2775.82	17	-12.89	17
401	-48	-49	Min.	0.00	0.00	17	0.00	17	0.00	17	-2316.45	17	-2025.11	17	-12.89	17
401	-48	-49	Min.	38.57	0.00	17	0.00	17	0.00	17	-1579.24	17	-2775.82	17	-12.89	17
401	-49	-50	Max	0.00	0.00	17	0.00	17	0.00	17	-1579.24	17	-2775.82	17	-12.89	17
401	-49	-50	Max	38.57	0.00	17	0.00	17	0.00	17	-857.47	17	-3245.33	17	-12.89	17
401	-49	-50	Min.	0.00	0.00	17	0.00	17	0.00	17	-1579.24	17	-2775.82	17	-12.89	17
401	-49	-50	Min.	38.57	0.00	17	0.00	17	0.00	17	-857.47	17	-3245.33	17	-12.89	17
401	-50	-51	Max	0.00	0.00	17	0.00	17	0.00	17	-857.47	17	-3245.33	17	-12.89	17
401	-50	-51	Max	38.57	0.00	17	0.00	17	0.00	17	-145.51	17	-3438.53	17	-12.89	17
401	-50	-51	Min.	0.00	0.00	17	0.00	17	0.00	17	-857.47	17	-3245.33	17	-12.89	17
401	-50	-51	Min.	38.57	0.00	17	0.00	17	0.00	17	-145.51	17	-3438.53	17	-12.89	17
401	-51	-52	Max	0.00	0.00	17	0.00	17	0.00	17	-145.50	17	-3438.53	17	-12.89	17
401	-51	-52	Max	8.09									-3444.29	17		
401	-51	-52	Max	38.57	0.00	17	0.00	17	0.00	17	562.91	17	-3358.02	17	-12.89	17
401	-51	-52	Min.	0.00	0.00	17	0.00	17	0.00	17	-145.50	17	-3438.53	17	-12.89	17
401	-51	-52	Min.	8.09									-3444.29	17		
401	-51	-52	Min.	38.57	0.00	17	0.00	17	0.00	17	562.91	17	-3358.02	17	-12.89	17
401	-52	-53	Max	0.00	0.00	17	0.00	17	0.00	17	562.90	17	-3358.02	17	-12.89	17
401	-52	-53	Max	38.57	0.00	17	0.00	17	0.00	17	1274.11	17	-3003.95	17	-12.89	17
401	-52	-53	Min.	0.00	0.00	17	0.00	17	0.00	17	562.90	17	-3358.02	17	-12.89	17
401	-52	-53	Min.	38.57	0.00	17	0.00	17	0.00	17	1274.11	17	-3003.95	17	-12.89	17
401	-53	-54	Max	0.00	0.00	17	0.00	17	0.00	17	1274.14	17	-3003.94	17	-12.89	17

Relazione di calcolo

401	-53	-54	Max	38.57	0.00	17	0.00	17	0.00	17	1994.29	17	-2373.83	17	-12.89	17
401	-53	-54	Min.	0.00	0.00	17	0.00	17	0.00	17	1274.14	17	-3003.94	17	-12.89	17
401	-53	-54	Min.	38.57	0.00	17	0.00	17	0.00	17	1994.29	17	-2373.83	17	-12.89	17
401	-54	-55	Max	0.00	0.00	17	0.00	17	0.00	17	1994.28	17	-2373.84	17	-12.89	17
401	-54	-55	Max	38.57	0.00	17	0.00	17	0.00	17	2728.05	17	-1463.65	17	-12.89	17
401	-54	-55	Min.	0.00	0.00	17	0.00	17	0.00	17	1994.28	17	-2373.84	17	-12.89	17
401	-54	-55	Min.	38.57	0.00	17	0.00	17	0.00	17	2728.05	17	-1463.65	17	-12.89	17
401	-55	-56	Max	0.00	0.00	17	0.00	17	0.00	17	2728.04	17	-1463.65	17	-12.89	17
401	-55	-56	Max	38.57	0.00	17	0.00	17	0.00	17	3479.19	17	-267.18	17	-12.89	17
401	-55	-56	Min.	0.00	0.00	17	0.00	17	0.00	17	2728.04	17	-1463.65	17	-12.89	17
401	-55	-56	Min.	38.57	0.00	17	0.00	17	0.00	17	3479.19	17	-267.18	17	-12.89	17
401	-56	8	Max	0.00	0.00	17	0.00	17	0.00	17	3479.29	17	-267.18	17	-12.89	17
401	-56	8	Max	13.57	0.00	17	0.00	17	0.00	17	3748.07	17	223.17	17	-12.89	17
401	-56	8	Min.	0.00	0.00	17	0.00	17	0.00	17	3479.29	17	-267.18	17	-12.89	17
401	-56	8	Min.	13.57	0.00	17	0.00	17	0.00	17	3748.07	17	223.17	17	-12.89	17
401	8	-38	Max	0.00	0.00	17	0.00	17	0.00	17	-3031.14	17	2063.84	17	-185.33	17
401	8	-38	Max	34.71	0.00	17	0.00	17	0.00	17	-2322.01	17	1134.38	17	-185.33	17
401	8	-38	Min.	0.00	0.00	17	0.00	17	0.00	17	-3031.14	17	2063.84	17	-185.33	17
401	8	-38	Min.	34.71	0.00	17	0.00	17	0.00	17	-2322.01	17	1134.38	17	-185.33	17
401	-38	-39	Max	0.00	0.00	17	0.00	17	0.00	17	-2322.04	17	1134.38	17	-185.33	17
401	-38	-39	Max	34.71	0.00	17	0.00	17	0.00	17	-1599.19	17	453.29	17	-185.33	17
401	-38	-39	Min.	0.00	0.00	17	0.00	17	0.00	17	-2322.04	17	1134.38	17	-185.33	17
401	-38	-39	Min.	34.71	0.00	17	0.00	17	0.00	17	-1599.19	17	453.29	17	-185.33	17
401	-39	-40	Max	0.00	0.00	17	0.00	17	0.00	17	-1599.16	17	453.29	17	-185.33	17
401	-39	-40	Max	34.71	0.00	17	0.00	17	0.00	17	-864.09	17	25.45	17	-185.33	17
401	-39	-40	Min.	0.00	0.00	17	0.00	17	0.00	17	-1599.16	17	453.29	17	-185.33	17
401	-39	-40	Min.	34.71	0.00	17	0.00	17	0.00	17	-864.09	17	25.45	17	-185.33	17
401	-40	-41	Max	0.00	0.00	17	0.00	17	0.00	17	-864.10	17	25.44	17	-185.33	17
401	-40	-41	Max	34.71	0.00	17	0.00	17	0.00	17	-116.72	17	-145.18	17	-185.33	17
401	-40	-41	Min.	0.00	0.00	17	0.00	17	0.00	17	-864.10	17	25.44	17	-185.33	17
401	-40	-41	Min.	34.71	0.00	17	0.00	17	0.00	17	-116.72	17	-145.18	17	-185.33	17
401	-41	-42	Max	0.00	0.00	17	0.00	17	0.00	17	-116.70	17	-145.17	17	-185.33	17
401	-41	-42	Max	5.37									-148.31	17		
401	-41	-42	Max	34.71	0.00	17	0.00	17	0.00	17	642.65	17	-54.25	17	-185.33	17
401	-41	-42	Min.	0.00	0.00	17	0.00	17	0.00	17	-116.70	17	-145.17	17	-185.33	17
401	-41	-42	Min.	5.37									-148.31	17		
401	-41	-42	Min.	34.71	0.00	17	0.00	17	0.00	17	642.65	17	-54.25	17	-185.33	17
401	-42	-43	Max	0.00	0.00	17	0.00	17	0.00	17	642.64	17	-54.25	17	-185.33	17
401	-42	-43	Max	34.71	0.00	17	0.00	17	0.00	17	1414.54	17	302.52	17	-185.33	17
401	-42	-43	Min.	0.00	0.00	17	0.00	17	0.00	17	642.64	17	-54.25	17	-185.33	17
401	-42	-43	Min.	34.71	0.00	17	0.00	17	0.00	17	1414.54	17	302.52	17	-185.33	17
401	-43	33	Max	0.00	0.00	17	0.00	17	0.00	17	1414.54	17	302.52	17	-185.33	17
401	-43	33	Max	34.71	0.00	17	0.00	17	0.00	17	2198.37	17	929.20	17	-185.33	17
401	-43	33	Min.	0.00	0.00	17	0.00	17	0.00	17	1414.54	17	302.52	17	-185.33	17
401	-43	33	Min.	34.71	0.00	17	0.00	17	0.00	17	2198.37	17	929.20	17	-185.33	17
402	-18	36	Max	0.00	0.00	17	0.00	17	0.00	17	3380.75	17	305.15	17	-393.06	17
402	-18	36	Max	37.31	0.00	17	0.00	17	0.00	17	4218.56	17	1722.61	17	-393.06	17
402	-18	36	Min.	0.00	0.00	17	0.00	17	0.00	17	3380.75	17	305.15	17	-393.06	17
402	-18	36	Min.	37.31	0.00	17	0.00	17	0.00	17	4218.56	17	1722.61	17	-393.06	17
402	-17	-18	Max	0.00	0.00	17	0.00	17	0.00	17	2547.05	17	-800.46	17	-393.06	17
402	-17	-18	Max	37.31	0.00	17	0.00	17	0.00	17	3380.75	17	305.15	17	-393.06	17
402	-17	-18	Min.	0.00	0.00	17	0.00	17	0.00	17	2547.05	17	-800.46	17	-393.06	17
402	-17	-18	Min.	37.31	0.00	17	0.00	17	0.00	17	3380.75	17	305.15	17	-393.06	17
402	-16	-17	Max	0.00	0.00	17	0.00	17	0.00	17	1716.99	17	-1595.78	17	-393.06	17
402	-16	-17	Max	37.31	0.00	17	0.00	17	0.00	17	2547.05	17	-800.46	17	-393.06	17
402	-16	-17	Min.	0.00	0.00	17	0.00	17	0.00	17	1716.99	17	-1595.78	17	-393.06	17
402	-16	-17	Min.	37.31	0.00	17	0.00	17	0.00	17	2547.05	17	-800.46	17	-393.06	17
402	-15	-16	Max	0.00	0.00	17	0.00	17	0.00	17	888.57	17	-2081.82	17	-393.06	17
402	-15	-16	Max	37.31	0.00	17	0.00	17	0.00	17	1717.00	17	-1595.78	17	-393.06	17
402	-15	-16	Min.	0.00	0.00	17	0.00	17	0.00	17	888.57	17	-2081.82	17	-393.06	17
402	-15	-16	Min.	37.31	0.00	17	0.00	17	0.00	17	1717.00	17	-1595.78	17	-393.06	17
402	-14	-15	Max	0.00	0.00	17	0.00	17	0.00	17	58.68	17	-2258.61	17	-393.06	17
402	-14	-15	Max	37.31	0.00	17	0.00	17	0.00	17	888.56	17	-2081.82	17	-393.06	17
402	-14	-15	Min.	0.00	0.00	17	0.00	17	0.00	17	58.68	17	-2258.61	17	-393.06	17
402	-14	-15	Min.	37.31	0.00	17	0.00	17	0.00	17	888.56	17	-2081.82	17	-393.06	17
402	-13	-14	Max	0.00	0.00	17	0.00	17	0.00	17	-776.37	17	-2124.96	17	-393.06	17
402	-13	-14	Max	34.68									-2259.39	17		
402	-13	-14	Max	37.31	0.00	17	0.00	17	0.00	17	58.69	17	-2258.61	17	-393.06	17
402	-13	-14	Min.	0.00	0.00	17	0.00	17	0.00	17	-776.37	17	-2124.96	17	-393.06	17
402	-13	-14	Min.	34.68									-2259.39	17		
402	-13	-14	Min.	37.31	0.00	17	0.00	17	0.00	17	58.69	17	-2258.61	17	-393.06	17
402	-12	-13	Max	0.00	0.00	17	0.00	17	0.00	17	-1620.29	17	-1678.21	17	-393.06	17
402	-12	-13	Max	37.31	0.00	17	0.00	17	0.00	17	-776.37	17	-2124.96	17	-393.06	17
402	-12	-13	Min.	0.00	0.00	17	0.00	17	0.00	17	-1620.29	17	-1678.21	17	-393.06	17
402	-12	-13	Min.	37.31	0.00	17	0.00	17	0.00	17	-776.37	17	-2124.96	17	-393.06	17
402	-11	-12	Max	0.00	0.00	17	0.00	17	0.00	17	-2476.29	17	-914.45	17	-393.06	17
402	-11	-12	Max	37.31	0.00	17	0.00	17	0.00	17	-1620.28	17	-1678.21	17	-393.06	17
402	-11	-12	Min.	0.00	0.00	17	0.00	17	0.00	17	-2476.29	17	-914.45	17	-393.06	17
402	-11	-12	Min.	37.31	0.00	17	0.00	17	0.00	17	-1620.28	17	-1678.21	17	-393.06	17

Relazione di calcolo

402	-10	-11	Max	0.00	0.00	17	0.00	17	0.00	17	-3346.55	17	171.25	17	-393.06	17
402	-10	-11	Max	37.31	0.00	17	0.00	17	0.00	17	-2476.29	17	-914.45	17	-393.06	17
402	-10	-11	Min.	0.00	0.00	17	0.00	17	0.00	17	-3346.55	17	171.25	17	-393.06	17
402	-10	-11	Min.	37.31	0.00	17	0.00	17	0.00	17	-2476.29	17	-914.45	17	-393.06	17
402	-9	-10	Max	0.00	0.00	17	0.00	17	0.00	17	-4231.76	17	1584.45	17	-393.06	17
402	-9	-10	Max	37.31	0.00	17	0.00	17	0.00	17	-3346.57	17	171.25	17	-393.06	17
402	-9	-10	Min.	0.00	0.00	17	0.00	17	0.00	17	-4231.76	17	1584.45	17	-393.06	17
402	-9	-10	Min.	37.31	0.00	17	0.00	17	0.00	17	-3346.57	17	171.25	17	-393.06	17
402	-8	-9	Max	0.00	0.00	17	0.00	17	0.00	17	-5130.38	17	3330.50	17	-393.06	17
402	-8	-9	Max	37.31	0.00	17	0.00	17	0.00	17	-4231.75	17	1584.45	17	-393.06	17
402	-8	-9	Min.	0.00	0.00	17	0.00	17	0.00	17	-5130.38	17	3330.50	17	-393.06	17
402	-8	-9	Min.	37.31	0.00	17	0.00	17	0.00	17	-4231.75	17	1584.45	17	-393.06	17
402	-7	-8	Max	0.00	0.00	17	0.00	17	0.00	17	-6038.24	17	5413.64	17	-393.06	17
402	-7	-8	Max	37.31	0.00	17	0.00	17	0.00	17	-5130.38	17	3330.49	17	-393.06	17
402	-7	-8	Min.	0.00	0.00	17	0.00	17	0.00	17	-6038.24	17	5413.64	17	-393.06	17
402	-7	-8	Min.	37.31	0.00	17	0.00	17	0.00	17	-5130.38	17	3330.49	17	-393.06	17
402	6	-7	Max	12.50	0.00	17	0.00	17	0.00	17	-6643.61	17	6986.70	17	-393.06	17
402	6	-7	Max	37.31	0.00	17	0.00	17	0.00	17	-6038.30	17	5413.63	17	-393.06	17
402	6	-7	Min.	12.50	0.00	17	0.00	17	0.00	17	-6643.61	17	6986.70	17	-393.06	17
402	6	-7	Min.	37.31	0.00	17	0.00	17	0.00	17	-6038.30	17	5413.63	17	-393.06	17
402	-31	6	Max	0.00	0.00	17	0.00	17	0.00	17	6102.81	17	5081.09	17	65.95	17
402	-31	6	Max	26.07	0.00	17	0.00	17	0.00	17	6734.35	17	6754.32	17	65.95	17
402	-31	6	Min.	0.00	0.00	17	0.00	17	0.00	17	6102.81	17	5081.09	17	65.95	17
402	-31	6	Min.	26.07	0.00	17	0.00	17	0.00	17	6734.35	17	6754.32	17	65.95	17
402	-30	-31	Max	0.00	0.00	17	0.00	17	0.00	17	5179.66	17	2905.79	17	65.95	17
402	-30	-31	Max	38.57	0.00	17	0.00	17	0.00	17	6102.87	17	5081.09	17	65.95	17
402	-30	-31	Min.	0.00	0.00	17	0.00	17	0.00	17	5179.66	17	2905.79	17	65.95	17
402	-30	-31	Min.	38.57	0.00	17	0.00	17	0.00	17	6102.87	17	5081.09	17	65.95	17
402	-29	-30	Max	0.00	0.00	17	0.00	17	0.00	17	4276.12	17	1082.96	17	65.95	17
402	-29	-30	Max	38.57	0.00	17	0.00	17	0.00	17	5179.64	17	2905.79	17	65.95	17
402	-29	-30	Min.	0.00	0.00	17	0.00	17	0.00	17	4276.12	17	1082.96	17	65.95	17
402	-29	-30	Min.	38.57	0.00	17	0.00	17	0.00	17	5179.64	17	2905.79	17	65.95	17
402	-28	-29	Max	0.00	0.00	17	0.00	17	0.00	17	3395.83	17	-396.18	17	65.95	17
402	-28	-29	Max	38.57	0.00	17	0.00	17	0.00	17	4276.14	17	1082.96	17	65.95	17
402	-28	-29	Min.	0.00	0.00	17	0.00	17	0.00	17	3395.83	17	-396.18	17	65.95	17
402	-28	-29	Min.	38.57	0.00	17	0.00	17	0.00	17	4276.14	17	1082.96	17	65.95	17
402	-27	-28	Max	0.00	0.00	17	0.00	17	0.00	17	2539.83	17	-1540.11	17	65.95	17
402	-27	-28	Max	38.57	0.00	17	0.00	17	0.00	17	3395.83	17	-396.17	17	65.95	17
402	-27	-28	Min.	0.00	0.00	17	0.00	17	0.00	17	2539.83	17	-1540.11	17	65.95	17
402	-27	-28	Min.	38.57	0.00	17	0.00	17	0.00	17	3395.83	17	-396.17	17	65.95	17
402	-26	-27	Max	0.00	0.00	17	0.00	17	0.00	17	1706.07	17	-2358.26	17	65.95	17
402	-26	-27	Max	38.57	0.00	17	0.00	17	0.00	17	2539.82	17	-1540.11	17	65.95	17
402	-26	-27	Min.	0.00	0.00	17	0.00	17	0.00	17	1706.07	17	-2358.26	17	65.95	17
402	-26	-27	Min.	38.57	0.00	17	0.00	17	0.00	17	2539.82	17	-1540.11	17	65.95	17
402	-25	-26	Max	0.00	0.00	17	0.00	17	0.00	17	890.93	17	-2858.57	17	65.95	17
402	-25	-26	Max	38.57	0.00	17	0.00	17	0.00	17	1706.06	17	-2358.27	17	65.95	17
402	-25	-26	Min.	0.00	0.00	17	0.00	17	0.00	17	890.93	17	-2858.57	17	65.95	17
402	-25	-26	Min.	38.57	0.00	17	0.00	17	0.00	17	1706.06	17	-2358.27	17	65.95	17
402	-24	-25	Max	0.00	0.00	17	0.00	17	0.00	17	89.54	17	-3047.30	17	65.95	17
402	-24	-25	Max	38.57	0.00	17	0.00	17	0.00	17	890.94	17	-2858.57	17	65.95	17
402	-24	-25	Min.	0.00	0.00	17	0.00	17	0.00	17	89.54	17	-3047.30	17	65.95	17
402	-24	-25	Min.	38.57	0.00	17	0.00	17	0.00	17	890.94	17	-2858.57	17	65.95	17
402	-23	-24	Max	0.00	0.00	17	0.00	17	0.00	17	-703.66	17	-2928.70	17	65.95	17
402	-23	-24	Max	34.23									-3049.25	17		
402	-23	-24	Max	38.57	0.00	17	0.00	17	0.00	17	89.53	17	-3047.31	17	65.95	17
402	-23	-24	Min.	0.00	0.00	17	0.00	17	0.00	17	-703.66	17	-2928.70	17	65.95	17
402	-23	-24	Min.	34.23									-3049.25	17		
402	-23	-24	Min.	38.57	0.00	17	0.00	17	0.00	17	89.53	17	-3047.31	17	65.95	17
402	-22	-23	Max	0.00	0.00	17	0.00	17	0.00	17	-1494.23	17	-2504.84	17	65.95	17
402	-22	-23	Max	38.57	0.00	17	0.00	17	0.00	17	-703.66	17	-2928.70	17	65.95	17
402	-22	-23	Min.	0.00	0.00	17	0.00	17	0.00	17	-1494.23	17	-2504.84	17	65.95	17
402	-22	-23	Min.	38.57	0.00	17	0.00	17	0.00	17	-703.66	17	-2928.70	17	65.95	17
402	-21	-22	Max	0.00	0.00	17	0.00	17	0.00	17	-2287.49	17	-1775.50	17	65.95	17
402	-21	-22	Max	38.57	0.00	17	0.00	17	0.00	17	-1494.24	17	-2504.84	17	65.95	17
402	-21	-22	Min.	0.00	0.00	17	0.00	17	0.00	17	-2287.49	17	-1775.50	17	65.95	17
402	-21	-22	Min.	38.57	0.00	17	0.00	17	0.00	17	-1494.24	17	-2504.84	17	65.95	17
402	-20	-21	Max	0.00	0.00	17	0.00	17	0.00	17	-3087.01	17	-739.28	17	65.95	17
402	-20	-21	Max	38.57	0.00	17	0.00	17	0.00	17	-2287.49	17	-1775.49	17	65.95	17
402	-20	-21	Min.	0.00	0.00	17	0.00	17	0.00	17	-3087.01	17	-739.28	17	65.95	17
402	-20	-21	Min.	38.57	0.00	17	0.00	17	0.00	17	-2287.49	17	-1775.49	17	65.95	17
402	-19	-20	Max	0.00	0.00	17	0.00	17	0.00	17	-3895.39	17	606.98	17	65.95	17
402	-19	-20	Max	38.57	0.00	17	0.00	17	0.00	17	-3087.03	17	-739.28	17	65.95	17
402	-19	-20	Min.	0.00	0.00	17	0.00	17	0.00	17	-3895.39	17	606.98	17	65.95	17
402	-19	-20	Min.	38.57	0.00	17	0.00	17	0.00	17	-3087.03	17	-739.28	17	65.95	17
402	7	-19	Max	25.00	0.00	17	0.00	17	0.00	17	-4181.86	17	1155.02	17	65.95	17
402	7	-19	Max	38.57	0.00	17	0.00	17	0.00	17	-3895.26	17	607.00	17	65.95	17
402	7	-19	Min.	25.00	0.00	17	0.00	17	0.00	17	-4181.86	17	1155.02	17	65.95	17
402	7	-19	Min.	38.57	0.00	17	0.00	17	0.00	17	-3895.26	17	607.00	17	65.95	17
402	-37	7	Max	0.00	0.00	17	0.00	17	0.00	17	2890.56	17	2081.46	17	554.82	17

Relazione di calcolo

402	-37	7	Max	34.71	0.00	17	0.00	17	0.00	17	3632.91	17	3213.75	17	554.82	17
402	-37	7	Min.	0.00	0.00	17	0.00	17	0.00	17	2890.56	17	2081.46	17	554.82	17
402	-37	7	Min.	34.71	0.00	17	0.00	17	0.00	17	3632.91	17	3213.75	17	554.82	17
402	-36	-37	Max	0.00	0.00	17	0.00	17	0.00	17	2144.50	17	1207.32	17	554.82	17
402	-36	-37	Max	34.71	0.00	17	0.00	17	0.00	17	2890.55	17	2081.46	17	554.82	17
402	-36	-37	Min.	0.00	0.00	17	0.00	17	0.00	17	2144.50	17	1207.32	17	554.82	17
402	-36	-37	Min.	34.71	0.00	17	0.00	17	0.00	17	2890.55	17	2081.46	17	554.82	17
402	-35	-36	Max	0.00	0.00	17	0.00	17	0.00	17	1397.37	17	592.61	17	554.82	17
402	-35	-36	Max	34.71	0.00	17	0.00	17	0.00	17	2144.48	17	1207.31	17	554.82	17
402	-35	-36	Min.	0.00	0.00	17	0.00	17	0.00	17	1397.37	17	592.61	17	554.82	17
402	-35	-36	Min.	34.71	0.00	17	0.00	17	0.00	17	2144.48	17	1207.31	17	554.82	17
402	-34	-35	Max	0.00	0.00	17	0.00	17	0.00	17	650.04	17	237.19	17	554.82	17
402	-34	-35	Max	34.71	0.00	17	0.00	17	0.00	17	1397.40	17	592.62	17	554.82	17
402	-34	-35	Min.	0.00	0.00	17	0.00	17	0.00	17	650.04	17	237.19	17	554.82	17
402	-34	-35	Min.	34.71	0.00	17	0.00	17	0.00	17	1397.40	17	592.62	17	554.82	17
402	-33	-34	Max	0.00	0.00	17	0.00	17	0.00	17	-96.58	17	141.16	17	554.82	17
402	-33	-34	Max	4.49									138.99	17		
402	-33	-34	Max	34.71	0.00	17	0.00	17	0.00	17	650.03	17	237.19	17	554.82	17
402	-33	-34	Min.	0.00	0.00	17	0.00	17	0.00	17	-96.58	17	141.16	17	554.82	17
402	-33	-34	Min.	4.49									138.99	17		
402	-33	-34	Min.	34.71	0.00	17	0.00	17	0.00	17	650.03	17	237.19	17	554.82	17
402	-32	-33	Max	0.00	0.00	17	0.00	17	0.00	17	-842.61	17	304.23	17	554.82	17
402	-32	-33	Max	34.71	0.00	17	0.00	17	0.00	17	-96.58	17	141.16	17	554.82	17
402	-32	-33	Min.	0.00	0.00	17	0.00	17	0.00	17	-842.61	17	304.23	17	554.82	17
402	-32	-33	Min.	34.71	0.00	17	0.00	17	0.00	17	-96.58	17	141.16	17	554.82	17
402	32	-32	Max	0.00	0.00	17	0.00	17	0.00	17	-1587.34	17	725.99	17	554.82	17
402	32	-32	Max	34.71	0.00	17	0.00	17	0.00	17	-842.62	17	304.23	17	554.82	17
402	32	-32	Min.	0.00	0.00	17	0.00	17	0.00	17	-1587.34	17	725.99	17	554.82	17
402	32	-32	Min.	34.71	0.00	17	0.00	17	0.00	17	-842.62	17	304.23	17	554.82	17
405	5	-69	Max	25.00	0.00	17	0.00	17	0.00	17	-1354.19	17	359.89	17	12.27	17
405	5	-69	Max	29.69	0.00	17	0.00	17	0.00	17	-1317.05	17	297.29	17	12.27	17
405	5	-69	Min.	25.00	0.00	17	0.00	17	0.00	17	-1354.19	17	359.89	17	12.27	17
405	5	-69	Min.	29.69	0.00	17	0.00	17	0.00	17	-1317.05	17	297.29	17	12.27	17
405	-69	-70	Max	0.00	0.00	17	0.00	17	0.00	17	-1316.85	17	297.30	17	12.27	17
405	-69	-70	Max	29.69	0.00	17	0.00	17	0.00	17	-1088.50	17	-59.45	17	12.27	17
405	-69	-70	Min.	0.00	0.00	17	0.00	17	0.00	17	-1316.85	17	297.30	17	12.27	17
405	-69	-70	Min.	29.69	0.00	17	0.00	17	0.00	17	-1088.50	17	-59.45	17	12.27	17
405	-70	-71	Max	0.00	0.00	17	0.00	17	0.00	17	-1088.50	17	-59.45	17	12.27	17
405	-70	-71	Max	29.69	0.00	17	0.00	17	0.00	17	-872.20	17	-350.20	17	12.27	17
405	-70	-71	Min.	0.00	0.00	17	0.00	17	0.00	17	-1088.50	17	-59.45	17	12.27	17
405	-70	-71	Min.	29.69	0.00	17	0.00	17	0.00	17	-872.20	17	-350.20	17	12.27	17
405	-71	-72	Max	0.00	0.00	17	0.00	17	0.00	17	-872.21	17	-350.20	17	12.27	17
405	-71	-72	Max	29.69	0.00	17	0.00	17	0.00	17	-667.20	17	-578.44	17	12.27	17
405	-71	-72	Min.	0.00	0.00	17	0.00	17	0.00	17	-872.21	17	-350.20	17	12.27	17
405	-71	-72	Min.	29.69	0.00	17	0.00	17	0.00	17	-667.20	17	-578.44	17	12.27	17
405	-72	-73	Max	0.00	0.00	17	0.00	17	0.00	17	-667.20	17	-578.44	17	12.27	17
405	-72	-73	Max	29.69	0.00	17	0.00	17	0.00	17	-471.76	17	-747.30	17	12.27	17
405	-72	-73	Min.	0.00	0.00	17	0.00	17	0.00	17	-667.20	17	-578.44	17	12.27	17
405	-72	-73	Min.	29.69	0.00	17	0.00	17	0.00	17	-471.76	17	-747.30	17	12.27	17
405	-73	-74	Max	0.00	0.00	17	0.00	17	0.00	17	-471.76	17	-747.30	17	12.27	17
405	-73	-74	Max	29.69	0.00	17	0.00	17	0.00	17	-283.46	17	-859.26	17	12.27	17
405	-73	-74	Min.	0.00	0.00	17	0.00	17	0.00	17	-471.76	17	-747.30	17	12.27	17
405	-73	-74	Min.	29.69	0.00	17	0.00	17	0.00	17	-283.46	17	-859.26	17	12.27	17
405	-74	-75	Max	0.00	0.00	17	0.00	17	0.00	17	-283.46	17	-859.26	17	12.27	17
405	-74	-75	Max	29.69	0.00	17	0.00	17	0.00	17	-99.30	17	-916.01	17	12.27	17
405	-74	-75	Min.	0.00	0.00	17	0.00	17	0.00	17	-283.46	17	-859.26	17	12.27	17
405	-74	-75	Min.	29.69	0.00	17	0.00	17	0.00	17	-99.30	17	-916.01	17	12.27	17
405	-75	-76	Max	0.00	0.00	17	0.00	17	0.00	17	-99.30	17	-916.01	17	12.27	17
405	-75	-76	Max	16.10									-924.01	17		
405	-75	-76	Max	29.69	0.00	17	0.00	17	0.00	17	83.97	17	-918.31	17	12.27	17
405	-75	-76	Min.	0.00	0.00	17	0.00	17	0.00	17	-99.30	17	-916.01	17	12.27	17
405	-75	-76	Min.	16.10									-924.01	17		
405	-75	-76	Min.	29.69	0.00	17	0.00	17	0.00	17	83.97	17	-918.31	17	12.27	17
405	-76	-77	Max	0.00	0.00	17	0.00	17	0.00	17	83.97	17	-918.31	17	12.27	17
405	-76	-77	Max	29.69	0.00	17	0.00	17	0.00	17	269.78	17	-865.90	17	12.27	17
405	-76	-77	Min.	0.00	0.00	17	0.00	17	0.00	17	83.97	17	-918.31	17	12.27	17
405	-76	-77	Min.	29.69	0.00	17	0.00	17	0.00	17	269.78	17	-865.90	17	12.27	17
405	-77	-78	Max	0.00	0.00	17	0.00	17	0.00	17	269.78	17	-865.90	17	12.27	17
405	-77	-78	Max	29.69	0.00	17	0.00	17	0.00	17	461.39	17	-757.55	17	12.27	17
405	-77	-78	Min.	0.00	0.00	17	0.00	17	0.00	17	269.78	17	-865.90	17	12.27	17
405	-77	-78	Min.	29.69	0.00	17	0.00	17	0.00	17	461.39	17	-757.55	17	12.27	17
405	-78	-79	Max	0.00	0.00	17	0.00	17	0.00	17	461.39	17	-757.55	17	12.27	17
405	-78	-79	Max	29.69	0.00	17	0.00	17	0.00	17	661.84	17	-591.08	17	12.27	17
405	-78	-79	Min.	0.00	0.00	17	0.00	17	0.00	17	461.39	17	-757.55	17	12.27	17
405	-78	-79	Min.	29.69	0.00	17	0.00	17	0.00	17	661.84	17	-591.08	17	12.27	17
405	-79	-80	Max	0.00	0.00	17	0.00	17	0.00	17	661.83	17	-591.08	17	12.27	17
405	-79	-80	Max	29.69	0.00	17	0.00	17	0.00	17	873.58	17	-363.47	17	12.27	17
405	-79	-80	Min.	0.00	0.00	17	0.00	17	0.00	17	661.83	17	-591.08	17	12.27	17
405	-79	-80	Min.	29.69	0.00	17	0.00	17	0.00	17	873.58	17	-363.47	17	12.27	17

Relazione di calcolo

405	-80	-81	Max	0.00	0.00	17	0.00	17	0.00	17	873.59	17	-363.47	17	12.27	17
405	-80	-81	Max	29.69	0.00	17	0.00	17	0.00	17	1098.42	17	-71.08	17	12.27	17
405	-80	-81	Min.	0.00	0.00	17	0.00	17	0.00	17	873.59	17	-363.47	17	12.27	17
405	-80	-81	Min.	29.69	0.00	17	0.00	17	0.00	17	1098.42	17	-71.08	17	12.27	17
405	-81	-82	Max	0.00	0.00	17	0.00	17	0.00	17	1098.42	17	-71.08	17	12.27	17
405	-81	-82	Max	29.69	0.00	17	0.00	17	0.00	17	1337.13	17	290.09	17	12.27	17
405	-81	-82	Min.	0.00	0.00	17	0.00	17	0.00	17	1098.42	17	-71.08	17	12.27	17
405	-81	-82	Min.	29.69	0.00	17	0.00	17	0.00	17	1337.13	17	290.09	17	12.27	17
405	-82	-83	Max	0.00	0.00	17	0.00	17	0.00	17	1337.14	17	290.09	17	12.27	17
405	-82	-83	Max	29.69	0.00	17	0.00	17	0.00	17	1589.33	17	724.18	17	12.27	17
405	-82	-83	Min.	0.00	0.00	17	0.00	17	0.00	17	1337.14	17	290.09	17	12.27	17
405	-82	-83	Min.	29.69	0.00	17	0.00	17	0.00	17	1589.33	17	724.18	17	12.27	17
405	-83	6	Max	0.00	0.00	17	0.00	17	0.00	17	1589.16	17	724.18	17	12.27	17
405	-83	6	Max	4.69	0.00	17	0.00	17	0.00	17	1630.09	17	799.62	17	12.27	17
405	-83	6	Min.	0.00	0.00	17	0.00	17	0.00	17	1589.16	17	724.18	17	12.27	17
405	-83	6	Min.	4.69	0.00	17	0.00	17	0.00	17	1630.09	17	799.62	17	12.27	17
406	8	-84	Max	25.00	0.00	17	0.00	17	0.00	17	-1255.84	17	346.38	17	-26.64	17
406	8	-84	Max	29.69	0.00	17	0.00	17	0.00	17	-1221.33	17	288.32	17	-26.64	17
406	8	-84	Min.	25.00	0.00	17	0.00	17	0.00	17	-1255.84	17	346.38	17	-26.64	17
406	8	-84	Min.	29.69	0.00	17	0.00	17	0.00	17	-1221.33	17	288.32	17	-26.64	17
406	-84	-85	Max	0.00	0.00	17	0.00	17	0.00	17	-1221.45	17	288.31	17	-26.64	17
406	-84	-85	Max	29.69	0.00	17	0.00	17	0.00	17	-1009.73	17	-42.58	17	-26.64	17
406	-84	-85	Min.	0.00	0.00	17	0.00	17	0.00	17	-1221.45	17	288.31	17	-26.64	17
406	-84	-85	Min.	29.69	0.00	17	0.00	17	0.00	17	-1009.73	17	-42.58	17	-26.64	17
406	-85	-86	Max	0.00	0.00	17	0.00	17	0.00	17	-1009.73	17	-42.58	17	-26.64	17
406	-85	-86	Max	29.69	0.00	17	0.00	17	0.00	17	-809.92	17	-312.40	17	-26.64	17
406	-85	-86	Min.	0.00	0.00	17	0.00	17	0.00	17	-1009.73	17	-42.58	17	-26.64	17
406	-85	-86	Min.	29.69	0.00	17	0.00	17	0.00	17	-809.92	17	-312.40	17	-26.64	17
406	-86	-87	Max	0.00	0.00	17	0.00	17	0.00	17	-809.92	17	-312.40	17	-26.64	17
406	-86	-87	Max	29.69	0.00	17	0.00	17	0.00	17	-621.35	17	-524.59	17	-26.64	17
406	-86	-87	Min.	0.00	0.00	17	0.00	17	0.00	17	-809.92	17	-312.40	17	-26.64	17
406	-86	-87	Min.	29.69	0.00	17	0.00	17	0.00	17	-621.35	17	-524.59	17	-26.64	17
406	-87	-88	Max	0.00	0.00	17	0.00	17	0.00	17	-621.35	17	-524.59	17	-26.64	17
406	-87	-88	Max	29.69	0.00	17	0.00	17	0.00	17	-442.48	17	-682.29	17	-26.64	17
406	-87	-88	Min.	0.00	0.00	17	0.00	17	0.00	17	-621.35	17	-524.59	17	-26.64	17
406	-87	-88	Min.	29.69	0.00	17	0.00	17	0.00	17	-442.48	17	-682.29	17	-26.64	17
406	-88	-89	Max	0.00	0.00	17	0.00	17	0.00	17	-442.48	17	-682.29	17	-26.64	17
406	-88	-89	Max	29.69	0.00	17	0.00	17	0.00	17	-271.09	17	-788.05	17	-26.64	17
406	-88	-89	Min.	0.00	0.00	17	0.00	17	0.00	17	-442.48	17	-682.29	17	-26.64	17
406	-88	-89	Min.	29.69	0.00	17	0.00	17	0.00	17	-271.09	17	-788.05	17	-26.64	17
406	-89	-90	Max	0.00	0.00	17	0.00	17	0.00	17	-271.09	17	-788.05	17	-26.64	17
406	-89	-90	Max	29.69	0.00	17	0.00	17	0.00	17	-104.44	17	-843.72	17	-26.64	17
406	-89	-90	Min.	0.00	0.00	17	0.00	17	0.00	17	-271.09	17	-788.05	17	-26.64	17
406	-89	-90	Min.	29.69	0.00	17	0.00	17	0.00	17	-104.44	17	-843.72	17	-26.64	17
406	-90	-91	Max	0.00	0.00	17	0.00	17	0.00	17	-104.44	17	-843.72	17	-26.64	17
406	-90	-91	Max	18.80									-853.53	17		
406	-90	-91	Max	29.69	0.00	17	0.00	17	0.00	17	60.46	17	-850.24	17	-26.64	17
406	-90	-91	Min.	0.00	0.00	17	0.00	17	0.00	17	-104.44	17	-843.72	17	-26.64	17
406	-90	-91	Min.	18.80									-853.53	17		
406	-90	-91	Min.	29.69	0.00	17	0.00	17	0.00	17	60.46	17	-850.24	17	-26.64	17
406	-91	-92	Max	0.00	0.00	17	0.00	17	0.00	17	60.46	17	-850.24	17	-26.64	17
406	-91	-92	Max	29.69	0.00	17	0.00	17	0.00	17	226.77	17	-807.68	17	-26.64	17
406	-91	-92	Min.	0.00	0.00	17	0.00	17	0.00	17	60.46	17	-850.24	17	-26.64	17
406	-91	-92	Min.	29.69	0.00	17	0.00	17	0.00	17	226.77	17	-807.68	17	-26.64	17
406	-92	-93	Max	0.00	0.00	17	0.00	17	0.00	17	226.77	17	-807.68	17	-26.64	17
406	-92	-93	Max	29.69	0.00	17	0.00	17	0.00	17	397.54	17	-715.15	17	-26.64	17
406	-92	-93	Min.	0.00	0.00	17	0.00	17	0.00	17	226.77	17	-807.68	17	-26.64	17
406	-92	-93	Min.	29.69	0.00	17	0.00	17	0.00	17	397.54	17	-715.15	17	-26.64	17
406	-93	-94	Max	0.00	0.00	17	0.00	17	0.00	17	397.54	17	-715.15	17	-26.64	17
406	-93	-94	Max	29.69	0.00	17	0.00	17	0.00	17	575.60	17	-570.91	17	-26.64	17
406	-93	-94	Min.	0.00	0.00	17	0.00	17	0.00	17	397.54	17	-715.15	17	-26.64	17
406	-93	-94	Min.	29.69	0.00	17	0.00	17	0.00	17	575.60	17	-570.91	17	-26.64	17
406	-94	-95	Max	0.00	0.00	17	0.00	17	0.00	17	575.60	17	-570.91	17	-26.64	17
406	-94	-95	Max	29.69	0.00	17	0.00	17	0.00	17	763.30	17	-372.44	17	-26.64	17
406	-94	-95	Min.	0.00	0.00	17	0.00	17	0.00	17	575.60	17	-570.91	17	-26.64	17
406	-94	-95	Min.	29.69	0.00	17	0.00	17	0.00	17	763.30	17	-372.44	17	-26.64	17
406	-95	-96	Max	0.00	0.00	17	0.00	17	0.00	17	763.30	17	-372.44	17	-26.64	17
406	-95	-96	Max	29.69	0.00	17	0.00	17	0.00	17	962.41	17	-116.57	17	-26.64	17
406	-95	-96	Min.	0.00	0.00	17	0.00	17	0.00	17	763.30	17	-372.44	17	-26.64	17
406	-95	-96	Min.	29.69	0.00	17	0.00	17	0.00	17	962.41	17	-116.57	17	-26.64	17
406	-96	-97	Max	0.00	0.00	17	0.00	17	0.00	17	962.41	17	-116.57	17	-26.64	17
406	-96	-97	Max	29.69	0.00	17	0.00	17	0.00	17	1173.82	17	200.21	17	-26.64	17
406	-96	-97	Min.	0.00	0.00	17	0.00	17	0.00	17	962.41	17	-116.57	17	-26.64	17
406	-96	-97	Min.	29.69	0.00	17	0.00	17	0.00	17	1173.82	17	200.21	17	-26.64	17
406	-97	-98	Max	0.00	0.00	17	0.00	17	0.00	17	1173.83	17	200.21	17	-26.64	17
406	-97	-98	Max	29.69	0.00	17	0.00	17	0.00	17	1397.39	17	581.60	17	-26.64	17
406	-97	-98	Min.	0.00	0.00	17	0.00	17	0.00	17	1173.83	17	200.21	17	-26.64	17
406	-97	-98	Min.	29.69	0.00	17	0.00	17	0.00	17	1397.39	17	581.60	17	-26.64	17
406	-98	7	Max	0.00	0.00	17	0.00	17	0.00	17	1397.39	17	581.60	17	-26.64	17

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406	-98	7	Max	4.69	0.00	17	0.00	17	0.00	17	1433.72	17	647.94	17	-26.64	17
406	-98	7	Min.	0.00	0.00	17	0.00	17	0.00	17	1397.39	17	581.60	17	-26.64	17
406	-98	7	Min.	4.69	0.00	17	0.00	17	0.00	17	1433.72	17	647.94	17	-26.64	17
602	102	56	Max	0.00	0.00	17	-18.26	17	17.87	17	287.49	17	-116.04	17	-134.81	17
602	102	56	Max	41.00	0.00	17	-13.61	17	11.34	17	154.32	17	-25.47	17	-134.81	17
602	102	56	Min.	0.00	0.00	17	-18.26	17	17.87	17	287.49	17	-116.04	17	-134.81	17
602	102	56	Min.	41.00	0.00	17	-13.61	17	11.34	17	154.32	17	-25.47	17	-134.81	17
602	-322	102	Max	0.00	0.00	17	185.54	17	89.44	17	-2664.29	17	-44.46	17	-84.45	17
602	-322	102	Max	31.62	0.00	17	205.00	17	151.19	17	-3221.64	17	-975.17	17	-84.45	17
602	-322	102	Min.	0.00	0.00	17	185.54	17	89.44	17	-2664.29	17	-44.46	17	-84.45	17
602	-322	102	Min.	31.62	0.00	17	205.00	17	151.19	17	-3221.64	17	-975.17	17	-84.45	17
602	-323	-322	Max	0.00	0.00	17	55.04	17	-79.46	17	-264.89	17	446.77	17	59.90	17
602	-323	-322	Max	56.62	0.00	17	89.89	17	-38.43	17	-1262.83	17	14.24	17	59.90	17
602	-323	-322	Min.	0.00	0.00	17	55.04	17	-79.46	17	-264.89	17	446.77	17	59.90	17
602	-323	-322	Min.	56.62	0.00	17	89.89	17	-38.43	17	-1262.83	17	14.24	17	59.90	17
602	-324	-323	Max	0.00	0.00	17	16.48	17	-176.99	17	141.57	17	828.57	17	44.89	17
602	-324	-323	Max	8.03					-175.47	17			834.26	17		
602	-324	-323	Max	56.62	0.00	17	51.33	17	-157.79	17	-856.37	17	626.20	17	44.89	17
602	-324	-323	Min.	0.00	0.00	17	16.48	17	-176.99	17	141.57	17	828.57	17	44.89	17
602	-324	-323	Min.	8.03					-175.47	17			834.26	17		
602	-324	-323	Min.	56.62	0.00	17	51.33	17	-157.79	17	-856.37	17	626.20	17	44.89	17
602	-325	-324	Max	0.00	0.00	17	-17.29	17	-205.30	17	497.56	17	901.32	17	-12.47	17
602	-325	-324	Max	28.23					-207.73	17			971.55	17		
602	-325	-324	Max	56.62	0.00	17	17.56	17	-205.22	17	-500.39	17	900.52	17	-12.47	17
602	-325	-324	Min.	0.00	0.00	17	-17.29	17	-205.30	17	497.56	17	901.32	17	-12.47	17
602	-325	-324	Min.	28.23					-207.73	17			971.55	17		
602	-325	-324	Min.	56.62	0.00	17	17.56	17	-205.22	17	-500.39	17	900.52	17	-12.47	17
602	-326	-325	Max	0.00	0.00	17	-50.63	17	-165.47	17	849.01	17	662.54	17	-74.51	17
602	-326	-325	Max	48.17					-182.71	17			867.04	17		
602	-326	-325	Max	56.62	0.00	17	-15.78	17	-184.27	17	-148.94	17	860.75	17	-74.51	17
602	-326	-325	Min.	0.00	0.00	17	-50.63	17	-165.47	17	849.01	17	662.54	17	-74.51	17
602	-326	-325	Min.	48.17					-182.71	17			867.04	17		
602	-326	-325	Min.	56.62	0.00	17	-15.78	17	-184.27	17	-148.94	17	860.75	17	-74.51	17
602	-327	-326	Max	0.00	0.00	17	-82.68	17	-59.98	17	1186.87	17	125.17	17	-137.95	17
602	-327	-326	Max	56.62	0.00	17	-47.83	17	-96.94	17	188.92	17	514.69	17	-137.95	17
602	-327	-326	Min.	0.00	0.00	17	-82.68	17	-59.98	17	1186.87	17	125.17	17	-137.95	17
602	-327	-326	Min.	56.62	0.00	17	-47.83	17	-96.94	17	188.92	17	514.69	17	-137.95	17
602	-328	-327	Max	0.00	0.00	17	-124.42	17	122.39	17	1626.84	17	-780.87	17	-138.40	17
602	-328	-327	Max	56.62	0.00	17	-89.57	17	61.81	17	628.89	17	-142.21	17	-138.40	17
602	-328	-327	Min.	0.00	0.00	17	-124.42	17	122.39	17	1626.84	17	-780.87	17	-138.40	17
602	-328	-327	Min.	56.62	0.00	17	-89.57	17	61.81	17	628.89	17	-142.21	17	-138.40	17
602	103	-328	Max	25.00	0.00	17	-343.98	17	371.49	17	5330.90	17	-2180.59	17	92.57	17
602	103	-328	Max	56.62	0.00	17	-324.51	17	265.79	17	4773.55	17	-582.82	17	92.57	17
602	103	-328	Min.	25.00	0.00	17	-343.98	17	371.49	17	5330.90	17	-2180.59	17	92.57	17
602	103	-328	Min.	56.62	0.00	17	-324.51	17	265.79	17	4773.55	17	-582.82	17	92.57	17
602	-451	103	Max	0.00	0.00	17	138.25	17	277.30	17	-929.06	17	-1073.13	17	-31.99	17
602	-451	103	Max	64.38	0.00	17	177.87	17	379.05	17	-2063.59	17	-2036.39	17	-31.99	17
602	-451	103	Min.	0.00	0.00	17	138.25	17	277.30	17	-929.06	17	-1073.13	17	-31.99	17
602	-451	103	Min.	64.38	0.00	17	177.87	17	379.05	17	-2063.59	17	-2036.39	17	-31.99	17
602	-452	-451	Max	0.00	0.00	17	62.85	17	10.84	17	-215.25	17	29.20	17	136.39	17
602	-452	-451	Max	64.38	0.00	17	102.47	17	64.05	17	-1349.78	17	-474.55	17	136.39	17
602	-452	-451	Min.	0.00	0.00	17	62.85	17	10.84	17	-215.25	17	29.20	17	136.39	17
602	-452	-451	Min.	64.38	0.00	17	102.47	17	64.05	17	-1349.78	17	-474.55	17	136.39	17
602	-453	-452	Max	0.00	0.00	17	27.53	17	-136.60	17	119.12	17	649.20	17	72.74	17
602	-453	-452	Max	6.76					-134.60	17			653.23	17		
602	-453	-452	Max	64.38	0.00	17	67.15	17	-106.13	17	-1015.41	17	360.71	17	72.74	17
602	-453	-452	Min.	0.00	0.00	17	27.53	17	-136.60	17	119.12	17	649.20	17	72.74	17
602	-453	-452	Min.	6.76					-134.60	17			653.23	17		
602	-453	-452	Min.	64.38	0.00	17	67.15	17	-106.13	17	-1015.41	17	360.71	17	72.74	17
602	-454	-453	Max	0.00	0.00	17	-9.17	17	-201.74	17	466.54	17	889.92	17	-5.42	17
602	-454	-453	Max	26.47					-202.01	17			951.67	17		
602	-454	-453	Max	64.38	0.00	17	30.45	17	-194.89	17	-667.99	17	825.07	17	-5.42	17
602	-454	-453	Min.	0.00	0.00	17	-9.17	17	-201.74	17	466.54	17	889.92	17	-5.42	17
602	-454	-453	Min.	26.47					-202.01	17			951.67	17		
602	-454	-453	Min.	64.38	0.00	17	30.45	17	-194.89	17	-667.99	17	825.07	17	-5.42	17
602	-455	-454	Max	0.00	0.00	17	-44.17	17	-181.10	17	797.89	17	740.34	17	-87.29	17
602	-455	-454	Max	45.27					-194.79	17			920.96	17		
602	-455	-454	Max	64.38	0.00	17	-4.55	17	-196.78	17	-336.63	17	888.81	17	-87.29	17
602	-455	-454	Min.	0.00	0.00	17	-44.17	17	-181.10	17	797.89	17	740.34	17	-87.29	17
602	-455	-454	Min.	45.27					-194.79	17			920.96	17		
602	-455	-454	Min.	64.38	0.00	17	-4.55	17	-196.78	17	-336.63	17	888.81	17	-87.29	17
602	-456	-455	Max	0.00	0.00	17	-78.45	17	-77.84	17	1122.37	17	213.31	17	-179.27	17
602	-456	-455	Max	63.69					-115.31	17			570.70	17		
602	-456	-455	Max	64.38	0.00	17	-38.83	17	-115.58	17	-12.16	17	570.66	17	-179.27	17
602	-456	-455	Min.	0.00	0.00	17	-78.45	17	-77.84	17	1122.37	17	213.31	17	-179.27	17
602	-456	-455	Min.	63.69					-115.31	17			570.70	17		
602	-456	-455	Min.	64.38	0.00	17	-38.83	17	-115.58	17	-12.16	17	570.66	17	-179.27	17
602	-457	-456	Max	0.00	0.00	17	-113.88	17	105.19	17	1457.76	17	-680.99	17	-240.02	17
602	-457	-456	Max	64.38	0.00	17	-74.26	17	44.64	17	323.23	17	-107.74	17	-240.02	17

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602	-457	-456	Min.	0.00	0.00	17	-113.88	17	105.19	17	1457.76	17	-680.99	17	-240.02	17
602	-457	-456	Min.	64.38	0.00	17	-74.26	17	44.64	17	323.23	17	-107.74	17	-240.02	17
602	106	-457	Max	12.50	0.00	17	-323.09	17	447.49	17	3794.87	17	-2558.35	17	-4.57	17
602	106	-457	Max	64.38	0.00	17	-291.16	17	288.17	17	2880.63	17	-826.89	17	-4.57	17
602	106	-457	Min.	12.50	0.00	17	-323.09	17	447.49	17	3794.87	17	-2558.35	17	-4.57	17
602	106	-457	Min.	64.38	0.00	17	-291.16	17	288.17	17	2880.63	17	-826.89	17	-4.57	17
602	-467	106	Max	0.00	0.00	17	319.80	17	297.96	17	-3004.83	17	-841.00	17	-21.82	17
602	-467	106	Max	55.00	0.00	17	353.64	17	483.16	17	-3974.14	17	-2760.22	17	-21.82	17
602	-467	106	Min.	0.00	0.00	17	319.80	17	297.96	17	-3004.83	17	-841.00	17	-21.82	17
602	-467	106	Min.	55.00	0.00	17	353.64	17	483.16	17	-3974.14	17	-2760.22	17	-21.82	17
602	-468	-467	Max	0.00	0.00	17	79.05	17	10.15	17	-314.32	17	49.77	17	257.34	17
602	-468	-467	Max	67.50	0.00	17	120.59	17	77.52	17	-1503.92	17	-563.89	17	257.34	17
602	-468	-467	Min.	0.00	0.00	17	79.05	17	10.15	17	-314.32	17	49.77	17	257.34	17
602	-468	-467	Min.	67.50	0.00	17	120.59	17	77.52	17	-1503.92	17	-563.89	17	257.34	17
602	-469	-468	Max	0.00	0.00	17	41.36	17	-175.69	17	28.88	17	843.66	17	204.22	17
602	-469	-468	Max	1.73					-174.96	17			843.90	17		
602	-469	-468	Max	67.50	0.00	17	82.91	17	-133.74	17	-1160.72	17	461.66	17	204.22	17
602	-469	-468	Min.	0.00	0.00	17	41.36	17	-175.69	17	28.88	17	843.66	17	204.22	17
602	-469	-468	Min.	1.73					-174.96	17			843.90	17		
602	-469	-468	Min.	67.50	0.00	17	82.91	17	-133.74	17	-1160.72	17	461.66	17	204.22	17
602	-470	-469	Max	0.00	0.00	17	6.88	17	-275.39	17	342.97	17	1247.81	17	110.03	17
602	-470	-469	Max	19.46					-272.88	17			1281.18	17		
602	-470	-469	Max	67.50	0.00	17	48.42	17	-256.73	17	-846.63	17	1077.82	17	110.03	17
602	-470	-469	Min.	0.00	0.00	17	6.88	17	-275.39	17	342.97	17	1247.81	17	110.03	17
602	-470	-469	Min.	19.46					-272.88	17			1281.18	17		
602	-470	-469	Min.	67.50	0.00	17	48.42	17	-256.73	17	-846.63	17	1077.82	17	110.03	17
602	-471	-470	Max	0.00	0.00	17	-25.48	17	-289.56	17	637.71	17	1263.32	17	15.61	17
602	-471	-470	Max	36.18					-294.76	17			1378.70	17		
602	-471	-470	Max	67.50	0.00	17	16.06	17	-292.74	17	-551.90	17	1292.28	17	15.61	17
602	-471	-470	Min.	0.00	0.00	17	-25.48	17	-289.56	17	637.71	17	1263.32	17	15.61	17
602	-471	-470	Min.	36.18					-294.76	17			1378.70	17		
602	-471	-470	Min.	67.50	0.00	17	16.06	17	-292.74	17	-551.90	17	1292.28	17	15.61	17
602	-472	-471	Max	0.00	0.00	17	-56.22	17	-222.85	17	917.67	17	910.72	17	-81.99	17
602	-472	-471	Max	52.07					-243.79	17			1149.64	17		
602	-472	-471	Max	67.50	0.00	17	-14.68	17	-246.78	17	-271.93	17	1128.66	17	-81.99	17
602	-472	-471	Min.	0.00	0.00	17	-56.22	17	-222.85	17	917.67	17	910.72	17	-81.99	17
602	-472	-471	Min.	52.07					-243.79	17			1149.64	17		
602	-472	-471	Min.	67.50	0.00	17	-14.68	17	-246.78	17	-271.93	17	1128.66	17	-81.99	17
602	-473	-472	Max	0.00	0.00	17	-89.31	17	-76.57	17	1219.03	17	189.92	17	-119.15	17
602	-473	-472	Max	67.50	0.00	17	-47.77	17	-122.83	17	29.43	17	611.27	17	-119.15	17
602	-473	-472	Min.	0.00	0.00	17	-89.31	17	-76.57	17	1219.03	17	189.92	17	-119.15	17
602	-473	-472	Min.	67.50	0.00	17	-47.77	17	-122.83	17	29.43	17	611.27	17	-119.15	17
602	107	-473	Max	25.00	0.00	17	-281.25	17	206.38	17	3634.65	17	-1345.53	17	168.41	17
602	107	-473	Max	67.50	0.00	17	-255.10	17	92.40	17	2885.64	17	40.04	17	168.41	17
602	107	-473	Min.	25.00	0.00	17	-281.25	17	206.38	17	3634.65	17	-1345.53	17	168.41	17
602	107	-473	Min.	67.50	0.00	17	-255.10	17	92.40	17	2885.64	17	40.04	17	168.41	17
602	61	107	Max	0.00	0.00	17	19.96	17	14.69	17	-235.36	17	-29.08	17	82.83	17
602	61	107	Max	42.00	0.00	17	24.72	17	24.08	17	-371.77	17	-156.57	17	82.83	17
602	61	107	Min.	0.00	0.00	17	19.96	17	14.69	17	-235.36	17	-29.08	17	82.83	17
602	61	107	Min.	42.00	0.00	17	24.72	17	24.08	17	-371.77	17	-156.57	17	82.83	17
603	101	54	Max	0.00	-1552.10	17	-495.91	17	103.86	17	34.55	17	-10.30	17	-3.64	17
603	101	54	Max	17.73					15.95	17			-7.24	17		
603	101	54	Max	42.00	-1555.03	17	-495.91	17	-104.42	17	-47.30	17	-12.98	17	-3.64	17
603	101	54	Min.	0.00	-1552.10	17	-495.91	17	103.86	17	34.55	17	-10.30	17	-3.64	17
603	101	54	Min.	17.73					15.95	17			-7.24	17		
603	101	54	Min.	42.00	-1555.03	17	-495.91	17	-104.42	17	-47.30	17	-12.98	17	-3.64	17
603	-344	101	Max	0.00	-2608.34	17	-769.40	17	149.15	17	-393.51	17	16.48	17	-33.02	17
603	-344	101	Max	34.43	-2610.74	17	-769.40	17	-115.75	17	-460.60	17	-130.55	17	-33.02	17
603	-344	101	Min.	0.00	-2608.34	17	-769.40	17	149.15	17	-393.51	17	16.48	17	-33.02	17
603	-344	101	Min.	34.43	-2610.74	17	-769.40	17	-115.75	17	-460.60	17	-130.55	17	-33.02	17
603	-345	-344	Max	0.00	-1609.46	17	-331.86	17	99.51	17	-56.46	17	118.31	17	12.10	17
603	-345	-344	Max	59.41	-1613.61	17	-331.86	17	-97.66	17	-172.25	17	50.37	17	12.10	17
603	-345	-344	Min.	0.00	-1609.46	17	-331.86	17	99.51	17	-56.46	17	118.31	17	12.10	17
603	-345	-344	Min.	59.41	-1613.61	17	-331.86	17	-97.66	17	-172.25	17	50.37	17	12.10	17
603	-346	-345	Max	0.00	-738.01	17	-348.25	17	105.25	17	-22.63	17	196.99	17	23.47	17
603	-346	-345	Max	59.41	-742.15	17	-348.25	17	-101.66	17	-138.42	17	149.15	17	23.47	17
603	-346	-345	Min.	0.00	-738.01	17	-348.25	17	105.25	17	-22.63	17	196.99	17	23.47	17
603	-346	-345	Min.	59.41	-742.15	17	-348.25	17	-101.66	17	-138.42	17	149.15	17	23.47	17
603	-347	-346	Max	0.00	507.46	17	-375.29	17	114.17	17	7.71	17	216.96	17	35.19	17
603	-347	-346	Max	3.96					99.32	17			217.11	17		
603	-347	-346	Max	59.41	503.32	17	-375.29	17	-108.80	17	-108.07	17	187.14	17	35.19	17
603	-347	-346	Min.	0.00	507.46	17	-375.29	17	114.17	17	7.71	17	216.96	17	35.19	17
603	-347	-346	Min.	3.96					99.32	17			217.11	17		
603	-347	-346	Min.	59.41	503.32	17	-375.29	17	-108.80	17	-108.07	17	187.14	17	35.19	17
603	-348	-347	Max	0.00	1747.96	17	-413.86	17	126.64	17	35.93	17	178.30	17	48.48	17
603	-348	-347	Max	18.44					50.33	17			181.62	17		
603	-348	-347	Max	59.41	1743.82	17	-413.86	17	-119.24	17	-79.85	17	165.26	17	48.48	17
603	-348	-347	Min.	0.00	1747.96	17	-413.86	17	126.64	17	35.93	17	178.30	17	48.48	17
603	-348	-347	Min.	18.44					50.33	17			181.62	17		

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603	-348	-347	Min.	59.41	1743.82	17	-413.86	17	-119.24	17	-79.85	17	165.26	17	48.48	17
603	-349	-348	Max	0.00	2595.99	17	-464.67	17	142.75	17	68.19	17	75.42	17	61.77	17
603	-349	-348	Max	34.99					-19.85	17			87.35	17		
603	-349	-348	Max	59.41	2591.84	17	-464.67	17	-133.32	17	-47.59	17	81.54	17	61.77	17
603	-349	-348	Min.	0.00	2595.99	17	-464.67	17	142.75	17	68.19	17	75.42	17	61.77	17
603	-349	-348	Min.	34.99					-19.85	17			87.35	17		
603	-349	-348	Min.	59.41	2591.84	17	-464.67	17	-133.32	17	-47.59	17	81.54	17	61.77	17
603	-350	-349	Max	0.00	2626.62	17	-531.99	17	164.47	17	112.76	17	-102.38	17	84.28	17
603	-350	-349	Max	57.85					-143.28	17			-69.75	17		
603	-350	-349	Max	59.41	2622.48	17	-531.99	17	-151.60	17	-3.02	17	-69.78	17	84.28	17
603	-350	-349	Min.	0.00	2626.62	17	-531.99	17	164.47	17	112.76	17	-102.38	17	84.28	17
603	-350	-349	Min.	57.85					-143.28	17			-69.75	17		
603	-350	-349	Min.	59.41	2622.48	17	-531.99	17	-151.60	17	-3.02	17	-69.78	17	84.28	17
603	102	-350	Max	24.98	2207.35	17	-1484.13	17	234.21	17	1030.40	17	-514.85	17	206.95	17
603	102	-350	Max	59.41	2204.95	17	-1484.13	17	-276.76	17	963.31	17	-171.65	17	206.95	17
603	102	-350	Min.	24.98	2207.35	17	-1484.13	17	234.21	17	1030.40	17	-514.85	17	206.95	17
603	102	-350	Min.	59.41	2204.95	17	-1484.13	17	-276.76	17	963.31	17	-171.65	17	206.95	17
603	47	102	Max	0.00	1082.93	17	-1955.73	17	331.11	17	-453.40	17	22.05	17	108.54	17
603	47	102	Max	28.02	1080.98	17	-1955.73	17	-216.81	17	-508.00	17	-112.62	17	108.54	17
603	47	102	Min.	0.00	1082.93	17	-1955.73	17	331.11	17	-453.40	17	22.05	17	108.54	17
603	47	102	Min.	28.02	1080.98	17	-1955.73	17	-216.81	17	-508.00	17	-112.62	17	108.54	17
604	104	52	Max	0.00	-770.00	17	-19.29	17	-19.50	17	162.06	17	-50.20	17	-308.43	17
604	104	52	Max	42.00	-772.93	17	-19.29	17	-27.60	17	80.21	17	0.68	17	-308.43	17
604	104	52	Min.	0.00	-770.00	17	-19.29	17	-19.50	17	162.06	17	-50.20	17	-308.43	17
604	104	52	Min.	42.00	-772.93	17	-19.29	17	-27.60	17	80.21	17	0.68	17	-308.43	17
604	103	104	Max	24.98	477.12	17	3.04	17	-6.55	17	465.14	17	-373.98	17	-1.04	17
604	103	104	Max	263.67					0.71	17			181.15	17		
604	103	104	Max	450.32	447.46	17	3.04	17	6.39	17	-363.73	17	-158.30	17	-1.04	17
604	103	104	Min.	24.98	477.12	17	3.04	17	-6.55	17	465.14	17	-373.98	17	-1.04	17
604	103	104	Min.	263.67					0.71	17			181.15	17		
604	103	104	Min.	450.32	447.46	17	3.04	17	6.39	17	-363.73	17	-158.30	17	-1.04	17
604	-4	103	Max	0.00	-321.41	17	103.67	17	-6.07	17	-800.25	17	48.18	17	204.55	17
604	-4	103	Max	36.86	-323.98	17	103.67	17	32.14	17	-872.08	17	-260.01	17	204.55	17
604	-4	103	Min.	0.00	-321.41	17	103.67	17	-6.07	17	-800.25	17	48.18	17	204.55	17
604	-4	103	Min.	36.86	-323.98	17	103.67	17	32.14	17	-872.08	17	-260.01	17	204.55	17
605	49	105	Max	0.00	-430.16	17	-334.60	17	72.07	17	-220.33	17	18.68	17	-23.61	17
605	49	105	Max	42.00	-427.23	17	-334.60	17	-68.46	17	-302.18	17	-91.05	17	-23.61	17
605	49	105	Min.	0.00	-430.16	17	-334.60	17	72.07	17	-220.33	17	18.68	17	-23.61	17
605	49	105	Min.	42.00	-427.23	17	-334.60	17	-68.46	17	-302.18	17	-91.05	17	-23.61	17
605	105	106	Max	24.98	-510.91	17	-8.71	17	17.79	17	395.89	17	-254.81	17	9.57	17
605	105	106	Max	228.13					0.10	17			147.31	17		
605	105	106	Max	450.32	-481.25	17	-8.71	17	-19.26	17	-432.99	17	-333.71	17	9.57	17
605	105	106	Min.	24.98	-510.91	17	-8.71	17	17.79	17	395.89	17	-254.81	17	9.57	17
605	105	106	Min.	228.13					0.10	17			147.31	17		
605	105	106	Min.	450.32	-481.25	17	-8.71	17	-19.26	17	-432.99	17	-333.71	17	9.57	17
605	106	-3	Max	0.00	-1474.25	17	-244.96	17	85.13	17	246.30	17	-189.72	17	38.62	17
605	106	-3	Max	71.92	-1469.23	17	-244.96	17	-91.03	17	106.16	17	-62.98	17	38.62	17
605	106	-3	Min.	0.00	-1474.25	17	-244.96	17	85.13	17	246.30	17	-189.72	17	38.62	17
605	106	-3	Min.	71.92	-1469.23	17	-244.96	17	-91.03	17	106.16	17	-62.98	17	38.62	17
606	51	108	Max	0.00	-1689.28	17	2121.57	17	-453.01	17	-138.56	17	-8.23	17	97.99	17
606	51	108	Max	42.00	-1686.35	17	2121.57	17	438.05	17	-220.40	17	-83.61	17	97.99	17
606	51	108	Min.	0.00	-1689.28	17	2121.57	17	-453.01	17	-138.56	17	-8.23	17	97.99	17
606	51	108	Min.	42.00	-1686.35	17	2121.57	17	438.05	17	-220.40	17	-83.61	17	97.99	17
606	108	-429	Max	24.98	-3143.96	17	3186.22	17	-487.08	17	300.58	17	-192.58	17	238.21	17
606	108	-429	Max	59.41	-3141.56	17	3186.22	17	609.91	17	233.49	17	-100.64	17	238.21	17
606	108	-429	Min.	24.98	-3143.96	17	3186.22	17	-487.08	17	300.58	17	-192.58	17	238.21	17
606	108	-429	Min.	59.41	-3141.56	17	3186.22	17	609.91	17	233.49	17	-100.64	17	238.21	17
606	-429	-428	Max	0.00	-2349.38	17	1259.81	17	-382.52	17	30.48	17	38.17	17	108.27	17
606	-429	-428	Max	15.64					-185.45	17			40.55	17		
606	-429	-428	Max	59.41	-2345.24	17	1259.81	17	365.98	17	-85.30	17	21.88	17	108.27	17
606	-429	-428	Min.	0.00	-2349.38	17	1259.81	17	-382.52	17	30.48	17	38.17	17	108.27	17
606	-429	-428	Min.	15.64					-185.45	17			40.55	17		
606	-429	-428	Min.	59.41	-2345.24	17	1259.81	17	365.98	17	-85.30	17	21.88	17	108.27	17
606	-428	-427	Max	0.00	-1753.03	17	1181.08	17	-355.64	17	29.79	17	153.74	17	62.57	17
606	-428	-427	Max	15.29					-175.10	17			156.02	17		
606	-428	-427	Max	59.41	-1748.89	17	1181.08	17	346.08	17	-85.99	17	137.05	17	62.57	17
606	-428	-427	Min.	0.00	-1753.03	17	1181.08	17	-355.64	17	29.79	17	153.74	17	62.57	17
606	-428	-427	Min.	15.29					-175.10	17			156.02	17		
606	-428	-427	Min.	59.41	-1748.89	17	1181.08	17	346.08	17	-85.99	17	137.05	17	62.57	17
606	-427	-426	Max	0.00	-639.78	17	1142.02	17	-340.95	17	40.53	17	198.71	17	22.17	17
606	-427	-426	Max	20.80					-103.42	17			202.93	17		
606	-427	-426	Max	59.41	-635.64	17	1142.02	17	337.56	17	-75.25	17	188.40	17	22.17	17
606	-427	-426	Min.	0.00	-639.78	17	1142.02	17	-340.95	17	40.53	17	198.71	17	22.17	17
606	-427	-426	Min.	20.80					-103.42	17			202.93	17		
606	-427	-426	Min.	59.41	-635.64	17	1142.02	17	337.56	17	-75.25	17	188.40	17	22.17	17
606	-426	-425	Max	0.00	590.87	17	1140.07	17	-337.31	17	51.11	17	184.20	17	-17.93	17
606	-426	-425	Max	26.23					-38.31	17			190.90	17		
606	-426	-425	Max	59.41	595.01	17	1140.07	17	340.04	17	-64.67	17	180.17	17	-17.93	17
606	-426	-425	Min.	0.00	590.87	17	1140.07	17	-337.31	17	51.11	17	184.20	17	-17.93	17

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606	-426	-425	Min.	26.23					-38.31	17			190.90	17		
606	-426	-425	Min.	59.41	595.01	17	1140.07	17	340.04	17	-64.67	17	180.17	17	-17.93	17
606	-425	-424	Max	0.00	1557.26	17	1174.96	17	-344.63	17	60.17	17	109.83	17	-57.77	17
606	-425	-424	Max	30.87					18.14	17			119.12	17		
606	-425	-424	Max	59.41	1561.40	17	1174.96	17	353.45	17	-55.61	17	111.18	17	-57.77	17
606	-425	-424	Min.	0.00	1557.26	17	1174.96	17	-344.63	17	60.17	17	109.83	17	-57.77	17
606	-425	-424	Min.	30.87					18.14	17			119.12	17		
606	-425	-424	Min.	59.41	1561.40	17	1174.96	17	353.45	17	-55.61	17	111.18	17	-57.77	17
606	-424	-423	Max	0.00	1839.59	17	1250.06	17	-363.32	17	48.49	17	-32.16	17	-105.16	17
606	-424	-423	Max	24.88					-52.28	17			-26.13	17		
606	-424	-423	Max	59.41	1843.73	17	1250.06	17	379.38	17	-67.29	17	-37.75	17	-105.16	17
606	-424	-423	Min.	0.00	1839.59	17	1250.06	17	-363.32	17	48.49	17	-32.16	17	-105.16	17
606	-424	-423	Min.	24.88					-52.28	17			-26.13	17		
606	-424	-423	Min.	59.41	1843.73	17	1250.06	17	379.38	17	-67.29	17	-37.75	17	-105.16	17
606	-423	107	Max	0.00	1642.29	17	3163.55	17	-605.22	17	-524.22	17	-153.61	17	-241.12	17
606	-423	107	Max	34.43	1644.69	17	3163.55	17	483.96	17	-591.32	17	-345.64	17	-241.12	17
606	-423	107	Min.	0.00	1642.29	17	3163.55	17	-605.22	17	-524.22	17	-153.61	17	-241.12	17
606	-423	107	Min.	34.43	1644.69	17	3163.55	17	483.96	17	-591.32	17	-345.64	17	-241.12	17
606	107	-2	Max	0.00	-34.80	17	973.36	17	-393.49	17	202.16	17	-192.63	17	-105.85	17
606	107	-2	Max	82.51	-29.05	17	973.36	17	409.66	17	41.36	17	-92.16	17	-105.85	17
606	107	-2	Min.	0.00	-34.80	17	973.36	17	-393.49	17	202.16	17	-192.63	17	-105.85	17
606	107	-2	Min.	82.51	-29.05	17	973.36	17	409.66	17	41.36	17	-92.16	17	-105.85	17
607	109	53	Max	0.00	-1493.57	17	-1169.62	17	241.41	17	200.46	17	-79.54	17	-55.03	17
607	109	53	Max	42.00	-1496.50	17	-1169.62	17	-249.82	17	118.61	17	-12.53	17	-55.03	17
607	109	53	Min.	0.00	-1493.57	17	-1169.62	17	241.41	17	200.46	17	-79.54	17	-55.03	17
607	109	53	Min.	42.00	-1496.50	17	-1169.62	17	-249.82	17	118.61	17	-12.53	17	-55.03	17
607	-416	109	Max	0.00	-2770.33	17	-1748.43	17	333.41	17	-289.08	17	-48.83	17	-147.37	17
607	-416	109	Max	34.43	-2772.73	17	-1748.43	17	-268.56	17	-356.18	17	-159.91	17	-147.37	17
607	-416	109	Min.	0.00	-2770.33	17	-1748.43	17	333.41	17	-289.08	17	-48.83	17	-147.37	17
607	-416	109	Min.	34.43	-2772.73	17	-1748.43	17	-268.56	17	-356.18	17	-159.91	17	-147.37	17
607	-417	-416	Max	0.00	-1914.92	17	-682.96	17	198.09	17	34.81	17	62.13	17	-62.78	17
607	-417	-416	Max	17.86					76.10	17			65.24	17		
607	-417	-416	Max	59.41	-1919.06	17	-682.96	17	-207.68	17	-80.97	17	48.41	17	-62.78	17
607	-417	-416	Min.	0.00	-1914.92	17	-682.96	17	198.09	17	34.81	17	62.13	17	-62.78	17
607	-417	-416	Min.	17.86					76.10	17			65.24	17		
607	-417	-416	Min.	59.41	-1919.06	17	-682.96	17	-207.68	17	-80.97	17	48.41	17	-62.78	17
607	-418	-417	Max	0.00	-1188.83	17	-636.29	17	186.08	17	59.24	17	157.37	17	-38.51	17
607	-418	-417	Max	30.40					-7.34	17			166.38	17		
607	-418	-417	Max	59.41	-1192.97	17	-636.29	17	-191.96	17	-56.54	17	158.17	17	-38.51	17
607	-418	-417	Min.	0.00	-1188.83	17	-636.29	17	186.08	17	59.24	17	157.37	17	-38.51	17
607	-418	-417	Min.	30.40					-7.34	17			166.38	17		
607	-418	-417	Min.	59.41	-1192.97	17	-636.29	17	-191.96	17	-56.54	17	158.17	17	-38.51	17
607	-419	-418	Max	0.00	-16.20	17	-610.50	17	180.03	17	76.20	17	190.79	17	-17.44	17
607	-419	-418	Max	39.10					-58.68	17			205.69	17		
607	-419	-418	Max	59.41	-20.34	17	-610.50	17	-182.69	17	-39.58	17	201.67	17	-17.44	17
607	-419	-418	Min.	0.00	-16.20	17	-610.50	17	180.03	17	76.20	17	190.79	17	-17.44	17
607	-419	-418	Min.	39.10					-58.68	17			205.69	17		
607	-419	-418	Min.	59.41	-20.34	17	-610.50	17	-182.69	17	-39.58	17	201.67	17	-17.44	17
607	-420	-419	Max	0.00	1212.15	17	-604.06	17	179.71	17	93.52	17	164.61	17	3.46	17
607	-420	-419	Max	47.91					-109.67	17			187.05	17		
607	-420	-419	Max	59.41	1208.00	17	-604.06	17	-179.18	17	-22.26	17	185.78	17	3.46	17
607	-420	-419	Min.	0.00	1212.15	17	-604.06	17	179.71	17	93.52	17	164.61	17	3.46	17
607	-420	-419	Min.	47.91					-109.67	17			187.05	17		
607	-420	-419	Min.	59.41	1208.00	17	-604.06	17	-179.18	17	-22.26	17	185.78	17	3.46	17
607	-421	-420	Max	0.00	2110.21	17	-616.38	17	184.88	17	115.30	17	75.05	17	23.26	17
607	-421	-420	Max	59.12					-179.50	17			109.16	17		
607	-421	-420	Max	59.41	2106.07	17	-616.38	17	-181.33	17	-0.48	17	109.16	17	23.26	17
607	-421	-420	Min.	0.00	2110.21	17	-616.38	17	184.88	17	115.30	17	75.05	17	23.26	17
607	-421	-420	Min.	59.12					-179.50	17			109.16	17		
607	-421	-420	Min.	59.41	2106.07	17	-616.38	17	-181.33	17	-0.48	17	109.16	17	23.26	17
607	-422	-421	Max	0.00	2254.60	17	-649.95	17	196.87	17	154.10	17	-91.88	17	49.59	17
607	-422	-421	Max	59.41	2250.46	17	-649.95	17	-189.29	17	38.32	17	-34.71	17	49.59	17
607	-422	-421	Min.	0.00	2254.60	17	-649.95	17	196.87	17	154.10	17	-91.88	17	49.59	17
607	-422	-421	Min.	59.41	2250.46	17	-649.95	17	-189.29	17	38.32	17	-34.71	17	49.59	17
607	110	-422	Max	24.98	1919.67	17	-1668.85	17	257.58	17	943.77	17	-453.02	17	157.04	17
607	110	-422	Max	59.41	1917.27	17	-1668.85	17	-316.99	17	876.68	17	-139.64	17	157.04	17
607	110	-422	Min.	24.98	1919.67	17	-1668.85	17	257.58	17	943.77	17	-453.02	17	157.04	17
607	110	-422	Min.	59.41	1917.27	17	-1668.85	17	-316.99	17	876.68	17	-139.64	17	157.04	17
607	-489	110	Max	0.00	188.16	17	-1091.45	17	245.76	17	-360.65	17	-80.32	17	79.01	17
607	-489	110	Max	43.93	185.10	17	-1091.45	17	-233.70	17	-446.25	17	-257.55	17	79.01	17
607	-489	110	Min.	0.00	188.16	17	-1091.45	17	245.76	17	-360.65	17	-80.32	17	79.01	17
607	-489	110	Min.	43.93	185.10	17	-1091.45	17	-233.70	17	-446.25	17	-257.55	17	79.01	17
607	-5	-489	Max	0.00	-144.32	17	-1134.29	17	250.10	17	-32.41	17	1.01	17	12.66	17
607	-5	-489	Max	43.93	-147.38	17	-1134.29	17	-248.17	17	-118.01	17	-32.03	17	12.66	17
607	-5	-489	Min.	0.00	-144.32	17	-1134.29	17	250.10	17	-32.41	17	1.01	17	12.66	17
607	-5	-489	Min.	43.93	-147.38	17	-1134.29	17	-248.17	17	-118.01	17	-32.03	17	12.66	17
608	50	112	Max	0.00	-1128.22	17	1085.45	17	-231.54	17	-148.07	17	-17.11	17	47.13	17
608	50	112	Max	42.00	-1125.29	17	1085.45	17	224.34	17	-229.92	17	-96.49	17	47.13	17
608	50	112	Min.	0.00	-1128.22	17	1085.45	17	-231.54	17	-148.07	17	-17.11	17	47.13	17

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608	50	112	Min.	42.00	-1125.29	17	1085.45	17	224.34	17	-229.92	17	-96.49	17	47.13	17
608	112	-443	Max	24.98	-2116.81	17	1643.66	17	-249.31	17	247.38	17	-85.66	17	97.29	17
608	112	-443	Max	59.41	-2114.41	17	1643.66	17	316.58	17	180.28	17	-12.05	17	97.29	17
608	112	-443	Min.	24.98	-2116.81	17	1643.66	17	-249.31	17	247.38	17	-85.66	17	97.29	17
608	112	-443	Min.	59.41	-2114.41	17	1643.66	17	316.58	17	180.28	17	-12.05	17	97.29	17
608	-443	-442	Max	0.00	-1288.43	17	660.96	17	-200.51	17	99.59	17	60.18	17	54.56	17
608	-443	-442	Max	51.11					137.28	17			85.63	17		
608	-443	-442	Max	59.41	-1284.28	17	660.96	17	192.18	17	-16.19	17	84.96	17	54.56	17
608	-443	-442	Min.	0.00	-1288.43	17	660.96	17	-200.51	17	99.59	17	60.18	17	54.56	17
608	-443	-442	Min.	51.11					137.28	17			85.63	17		
608	-443	-442	Min.	59.41	-1284.28	17	660.96	17	192.18	17	-16.19	17	84.96	17	54.56	17
608	-442	-441	Max	0.00	-523.00	17	620.74	17	-186.90	17	68.38	17	148.82	17	32.71	17
608	-442	-441	Max	35.09					30.92	17			160.81	17		
608	-442	-441	Max	59.41	-518.86	17	620.74	17	181.90	17	-47.40	17	155.05	17	32.71	17
608	-442	-441	Min.	0.00	-523.00	17	620.74	17	-186.90	17	68.38	17	148.82	17	32.71	17
608	-442	-441	Min.	35.09					30.92	17			160.81	17		
608	-442	-441	Min.	59.41	-518.86	17	620.74	17	181.90	17	-47.40	17	155.05	17	32.71	17
608	-441	-440	Max	0.00	567.15	17	599.93	17	-179.17	17	37.14	17	180.54	17	12.45	17
608	-441	-440	Max	19.06					-64.83	17			184.08	17		
608	-441	-440	Max	59.41	571.30	17	599.93	17	177.27	17	-78.64	17	168.21	17	12.45	17
608	-441	-440	Min.	0.00	567.15	17	599.93	17	-179.17	17	37.14	17	180.54	17	12.45	17
608	-441	-440	Min.	19.06					-64.83	17			184.08	17		
608	-441	-440	Min.	59.41	571.30	17	599.93	17	177.27	17	-78.64	17	168.21	17	12.45	17
608	-440	-439	Max	0.00	1625.69	17	597.82	17	-176.99	17	9.37	17	156.88	17	-7.86	17
608	-440	-439	Max	4.81					-148.25	17			157.11	17		
608	-440	-439	Max	59.41	1629.83	17	597.82	17	178.19	17	-106.41	17	128.05	17	-7.86	17
608	-440	-439	Min.	0.00	1625.69	17	597.82	17	-176.99	17	9.37	17	156.88	17	-7.86	17
608	-440	-439	Min.	4.81					-148.25	17			157.11	17		
608	-440	-439	Min.	59.41	1629.83	17	597.82	17	178.19	17	-106.41	17	128.05	17	-7.86	17
608	-439	-438	Max	0.00	2295.50	17	613.84	17	-180.30	17	-38.11	17	78.48	17	-26.91	17
608	-439	-438	Max	59.41	2299.64	17	613.84	17	184.41	17	-153.90	17	21.44	17	-26.91	17
608	-439	-438	Min.	0.00	2295.50	17	613.84	17	-180.30	17	-38.11	17	78.48	17	-26.91	17
608	-439	-438	Min.	59.41	2299.64	17	613.84	17	184.41	17	-153.90	17	21.44	17	-26.91	17
608	-438	-437	Max	0.00	2155.75	17	649.12	17	-189.04	17	-67.07	17	-71.85	17	-49.62	17
608	-438	-437	Max	59.41	2159.90	17	649.12	17	196.62	17	-182.85	17	-146.09	17	-49.62	17
608	-438	-437	Min.	0.00	2155.75	17	649.12	17	-189.04	17	-67.07	17	-71.85	17	-49.62	17
608	-438	-437	Min.	59.41	2159.90	17	649.12	17	196.62	17	-182.85	17	-146.09	17	-49.62	17
608	-437	111	Max	0.00	1463.74	17	1633.20	17	-312.75	17	-798.27	17	-168.05	17	-120.53	17
608	-437	111	Max	34.43	1466.14	17	1633.20	17	249.55	17	-865.36	17	-454.44	17	-120.53	17
608	-437	111	Min.	0.00	1463.74	17	1633.20	17	-312.75	17	-798.27	17	-168.05	17	-120.53	17
608	-437	111	Min.	34.43	1466.14	17	1633.20	17	249.55	17	-865.36	17	-454.44	17	-120.53	17
608	111	-495	Max	0.00	-145.47	17	971.22	17	-227.35	17	405.37	17	-252.01	17	-43.41	17
608	111	-495	Max	47.50	-142.16	17	971.22	17	233.98	17	312.80	17	-81.45	17	-43.41	17
608	111	-495	Min.	0.00	-145.47	17	971.22	17	-227.35	17	405.37	17	-252.01	17	-43.41	17
608	111	-495	Min.	47.50	-142.16	17	971.22	17	233.98	17	312.80	17	-81.45	17	-43.41	17
608	-495	48	Max	0.00	-490.78	17	982.17	17	-234.80	17	87.37	17	-22.73	17	20.01	17
608	-495	48	Max	44.83					205.53	17			-3.14	17		
608	-495	48	Max	47.50	-487.46	17	982.17	17	231.73	17	-5.20	17	-3.21	17	20.01	17
608	-495	48	Min.	0.00	-490.78	17	982.17	17	-234.80	17	87.37	17	-22.73	17	20.01	17
608	-495	48	Min.	44.83					205.53	17			-3.14	17		
608	-495	48	Min.	47.50	-487.46	17	982.17	17	231.73	17	-5.20	17	-3.21	17	20.01	17
609	57	101	Max	0.00	0.00	17	-8.85	17	-7.54	17	-88.37	17	-17.12	17	40.16	17
609	57	101	Max	41.00	0.00	17	-13.50	17	-12.13	17	-221.54	17	-80.65	17	40.16	17
609	57	101	Min.	0.00	0.00	17	-8.85	17	-7.54	17	-88.37	17	-17.12	17	40.16	17
609	57	101	Min.	41.00	0.00	17	-13.50	17	-12.13	17	-221.54	17	-80.65	17	40.16	17
609	101	-364	Max	50.00	0.00	17	190.07	17	-179.22	17	4489.37	17	-758.15	17	312.15	17
609	101	-364	Max	56.62	0.00	17	186.00	17	-166.76	17	4372.61	17	-464.60	17	312.15	17
609	101	-364	Min.	50.00	0.00	17	190.07	17	-179.22	17	4489.37	17	-758.15	17	312.15	17
609	101	-364	Min.	56.62	0.00	17	186.00	17	-166.76	17	4372.61	17	-464.60	17	312.15	17
609	-364	-363	Max	0.00	0.00	17	112.42	17	-51.54	17	1500.33	17	-436.00	17	16.53	17
609	-364	-363	Max	56.62	0.00	17	77.57	17	2.25	17	502.38	17	131.02	17	16.53	17
609	-364	-363	Min.	0.00	0.00	17	112.42	17	-51.54	17	1500.33	17	-436.00	17	16.53	17
609	-364	-363	Min.	56.62	0.00	17	77.57	17	2.25	17	502.38	17	131.02	17	16.53	17
609	-363	-362	Max	0.00	0.00	17	60.49	17	99.47	17	952.93	17	343.53	17	-22.23	17
609	-363	-362	Max	54.07					123.18	17			601.15	17		
609	-363	-362	Max	56.62	0.00	17	25.64	17	123.85	17	-45.02	17	600.58	17	-22.23	17
609	-363	-362	Min.	0.00	0.00	17	60.49	17	99.47	17	952.93	17	343.53	17	-22.23	17
609	-363	-362	Min.	54.07					123.18	17			601.15	17		
609	-363	-362	Min.	56.62	0.00	17	25.64	17	123.85	17	-45.02	17	600.58	17	-22.23	17
609	-362	-361	Max	0.00	0.00	17	24.00	17	164.46	17	568.33	17	702.86	17	23.38	17
609	-362	-361	Max	32.25					169.00	17			794.50	17		
609	-362	-361	Max	56.62	0.00	17	-10.84	17	168.19	17	-429.61	17	742.14	17	23.38	17
609	-362	-361	Min.	0.00	0.00	17	24.00	17	164.46	17	568.33	17	702.86	17	23.38	17
609	-362	-361	Min.	39.00					169.14	17			790.48	17		
609	-362	-361	Min.	56.62	0.00	17	-10.84	17	168.19	17	-429.61	17	742.14	17	23.38	17
609	-361	-360	Max	0.00	0.00	17	-16.35	17	154.63	17	143.00	17	725.93	17	66.10	17
609	-361	-360	Max	8.11					153.11	17			731.73	17		
609	-361	-360	Max	56.62	0.00	17	-51.19	17	135.51	17	-854.95	17	524.36	17	66.10	17
609	-361	-360	Min.	0.00	0.00	17	-16.35	17	154.63	17	143.00	17	725.93	17	66.10	17

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609	-361	-360	Min.	8.11				153.11	17			731.73	17		
609	-361	-360	Min.	56.62	0.00	17	-51.19	17	135.51	17	-854.95	17	524.36	17	66.10
609	-360	-359	Max	0.00	0.00	17	-51.72	17	69.89	17	-229.91	17	397.35	17	113.17
609	-360	-359	Max	56.62	0.00	17	-86.57	17	30.74	17	-1227.85	17	-15.37	17	113.17
609	-360	-359	Min.	0.00	0.00	17	-51.72	17	69.89	17	-229.91	17	397.35	17	113.17
609	-360	-359	Min.	56.62	0.00	17	-86.57	17	30.74	17	-1227.85	17	-15.37	17	113.17
609	-359	-358	Max	0.00	0.00	17	-116.85	17	-101.10	17	-916.41	17	-276.21	17	54.39
609	-359	-358	Max	56.62	0.00	17	-151.69	17	-177.13	17	-1914.35	17	-1077.66	17	54.39
609	-359	-358	Min.	0.00	0.00	17	-116.85	17	-101.10	17	-916.41	17	-276.21	17	54.39
609	-359	-358	Min.	56.62	0.00	17	-151.69	17	-177.13	17	-1914.35	17	-1077.66	17	54.39
609	-358	104	Max	0.00	0.00	17	-245.35	17	-305.32	17	-5776.15	17	-1005.40	17	-253.38
609	-358	104	Max	6.62	0.00	17	-249.43	17	-321.71	17	-5892.91	17	-1391.94	17	-253.38
609	-358	104	Min.	0.00	0.00	17	-245.35	17	-305.32	17	-5776.15	17	-1005.40	17	-253.38
609	-358	104	Min.	6.62	0.00	17	-249.43	17	-321.71	17	-5892.91	17	-1391.94	17	-253.38
609	104	-380	Max	0.00	0.00	17	212.32	17	-416.68	17	2538.53	17	-2276.31	17	11.20
609	104	-380	Max	57.22	0.00	17	177.10	17	-305.26	17	1530.06	17	-1112.24	17	11.20
609	104	-380	Min.	0.00	0.00	17	212.32	17	-416.68	17	2538.53	17	-2276.31	17	11.20
609	104	-380	Min.	57.22	0.00	17	177.10	17	-305.26	17	1530.06	17	-1112.24	17	11.20
609	-380	-379	Max	0.00	0.00	17	121.94	17	-95.05	17	1594.24	17	-651.01	17	-110.58
609	-380	-379	Max	57.22	0.00	17	86.72	17	-35.35	17	585.77	17	-27.28	17	-110.58
609	-380	-379	Min.	0.00	0.00	17	121.94	17	-95.05	17	1594.24	17	-651.01	17	-110.58
609	-380	-379	Min.	57.22	0.00	17	86.72	17	-35.35	17	585.77	17	-27.28	17	-110.58
609	-379	-378	Max	0.00	0.00	17	89.36	17	89.71	17	1253.91	17	250.19	17	-64.85
609	-379	-378	Max	57.22	0.00	17	54.15	17	130.77	17	245.44	17	679.17	17	-64.85
609	-379	-378	Min.	0.00	0.00	17	89.36	17	89.71	17	1253.91	17	250.19	17	-64.85
609	-379	-378	Min.	57.22	0.00	17	54.15	17	130.77	17	245.44	17	679.17	17	-64.85
609	-378	-377	Max	0.00	0.00	17	48.70	17	206.73	17	829.10	17	854.60	17	-20.07
609	-378	-377	Max	47.04					222.83	17			1049.62	17	
609	-378	-377	Max	57.22	0.00	17	13.49	17	224.52	17	-179.37	17	1040.50	17	-20.07
609	-378	-377	Min.	0.00	0.00	17	48.70	17	206.73	17	829.10	17	854.60	17	-20.07
609	-378	-377	Min.	47.04					222.83	17			1049.62	17	
609	-378	-377	Min.	57.22	0.00	17	13.49	17	224.52	17	-179.37	17	1040.50	17	-20.07
609	-377	-376	Max	0.00	0.00	17	9.87	17	243.46	17	423.37	17	1088.10	17	21.99
609	-377	-376	Max	24.02					244.06	17			1138.95	17	
609	-377	-376	Max	57.22	0.00	17	-25.35	17	239.03	17	-585.11	17	1041.82	17	21.99
609	-377	-376	Min.	0.00	0.00	17	9.87	17	243.46	17	423.37	17	1088.10	17	21.99
609	-377	-376	Min.	16.03					244.25	17			1133.33	17	
609	-377	-376	Min.	57.22	0.00	17	-25.35	17	239.03	17	-585.11	17	1041.82	17	21.99
609	-376	-375	Max	0.00	0.00	17	-29.25	17	203.24	17	14.71	17	969.44	17	65.29
609	-376	-375	Max	0.86					202.99	17			969.50	17	
609	-376	-375	Max	57.22	0.00	17	-64.46	17	176.43	17	-993.76	17	689.32	17	65.29
609	-376	-375	Min.	0.00	0.00	17	-29.25	17	203.24	17	14.71	17	969.44	17	65.29
609	-376	-375	Min.	0.86					202.99	17			969.50	17	
609	-376	-375	Min.	57.22	0.00	17	-64.46	17	176.43	17	-993.76	17	689.32	17	65.29
609	-375	-374	Max	0.00	0.00	17	-69.37	17	84.39	17	-404.45	17	492.23	17	111.98
609	-375	-374	Max	57.22	0.00	17	-104.58	17	34.62	17	-1412.92	17	-27.74	17	111.98
609	-375	-374	Min.	0.00	0.00	17	-69.37	17	84.39	17	-404.45	17	492.23	17	111.98
609	-375	-374	Min.	57.22	0.00	17	-104.58	17	34.62	17	-1412.92	17	-27.74	17	111.98
609	-374	-373	Max	0.00	0.00	17	-110.08	17	-111.32	17	-829.80	17	-336.13	17	136.90
609	-374	-373	Max	57.22	0.00	17	-145.29	17	-184.38	17	-1838.27	17	-1099.50	17	136.90
609	-374	-373	Min.	0.00	0.00	17	-110.08	17	-111.32	17	-829.80	17	-336.13	17	136.90
609	-374	-373	Min.	57.22	0.00	17	-145.29	17	-184.38	17	-1838.27	17	-1099.50	17	136.90
609	-373	105	Max	0.00	0.00	17	-315.43	17	-381.05	17	-3646.45	17	-1171.14	17	-58.09
609	-373	105	Max	44.72	0.00	17	-342.95	17	-528.27	17	-4434.62	17	-2978.16	17	-58.09
609	-373	105	Min.	0.00	0.00	17	-315.43	17	-381.05	17	-3646.45	17	-1171.14	17	-58.09
609	-373	105	Min.	44.72	0.00	17	-342.95	17	-528.27	17	-4434.62	17	-2978.16	17	-58.09
609	105	-396	Max	12.50	0.00	17	376.25	17	-564.37	17	4645.76	17	-3190.35	17	44.79
609	105	-396	Max	60.00	0.00	17	347.02	17	-392.59	17	3808.63	17	-1182.44	17	44.79
609	105	-396	Min.	12.50	0.00	17	376.25	17	-564.37	17	4645.76	17	-3190.35	17	44.79
609	105	-396	Min.	60.00	0.00	17	347.02	17	-392.59	17	3808.63	17	-1182.44	17	44.79
609	-396	-395	Max	0.00	0.00	17	156.80	17	-171.21	17	1917.23	17	-1055.25	17	-168.96
609	-396	-395	Max	60.00	0.00	17	119.87	17	-88.21	17	859.81	17	-222.14	17	-168.96
609	-396	-395	Min.	0.00	0.00	17	156.80	17	-171.21	17	1917.23	17	-1055.25	17	-168.96
609	-396	-395	Min.	60.00	0.00	17	119.87	17	-88.21	17	859.81	17	-222.14	17	-168.96
609	-395	-394	Max	0.00	0.00	17	116.51	17	77.26	17	1512.89	17	149.09	17	-138.17
609	-395	-394	Max	60.00	0.00	17	79.59	17	136.09	17	455.46	17	739.60	17	-138.17
609	-395	-394	Min.	0.00	0.00	17	116.51	17	77.26	17	1512.89	17	149.09	17	-138.17
609	-395	-394	Min.	60.00	0.00	17	79.59	17	136.09	17	455.46	17	739.60	17	-138.17
609	-394	-393	Max	0.00	0.00	17	74.73	17	244.47	17	1093.50	17	983.62	17	-90.25
609	-394	-393	Max	60.00	0.00	17	37.81	17	278.23	17	36.08	17	1322.49	17	-90.25
609	-394	-393	Min.	0.00	0.00	17	74.73	17	244.47	17	1093.50	17	983.62	17	-90.25
609	-394	-393	Min.	60.00	0.00	17	37.81	17	278.23	17	36.08	17	1322.49	17	-90.25
609	-393	-392	Max	0.00	0.00	17	34.84	17	325.83	17	693.09	17	1421.67	17	-46.95
609	-393	-392	Max	39.33					334.77	17			1557.96	17	
609	-393	-392	Max	60.00	0.00	17	-2.09	17	335.65	17	-364.33	17	1520.30	17	-46.95
609	-393	-392	Min.	0.00	0.00	17	34.84	17	325.83	17	693.09	17	1421.67	17	-46.95
609	-393	-392	Min.	56.61					335.69	17			1531.64	17	
609	-393	-392	Min.	60.00	0.00	17	-2.09	17	335.65	17	-364.33	17	1520.30	17	-46.95
609	-392	-391	Max	0.00	0.00	17	-4.71	17	324.79	17	296.13	17	1481.65	17	-5.06

Relazione di calcolo

609	-392	-391	Max	16.80					323.13	17			1506.53	17		
609	-392	-391	Max	60.00	0.00	17	-41.63	17	310.89	17	-761.29	17	1342.10	17	-5.06	17
609	-392	-391	Min.	0.00	0.00	17	-4.71	17	324.79	17	296.13	17	1481.65	17	-5.06	17
609	-392	-391	Min.	16.80					323.13	17			1506.53	17		
609	-392	-391	Min.	60.00	0.00	17	-41.63	17	310.89	17	-761.29	17	1342.10	17	-5.06	17
609	-391	-390	Max	0.00	0.00	17	-44.64	17	240.51	17	-104.64	17	1160.82	17	40.13	17
609	-391	-390	Max	60.00	0.00	17	-81.56	17	202.65	17	-1162.07	17	780.81	17	40.13	17
609	-391	-390	Min.	0.00	0.00	17	-44.64	17	240.51	17	-104.64	17	1160.82	17	40.13	17
609	-391	-390	Min.	60.00	0.00	17	-81.56	17	202.65	17	-1162.07	17	780.81	17	40.13	17
609	-390	-389	Max	0.00	0.00	17	-84.04	17	77.71	17	-500.12	17	479.41	17	51.58	17
609	-390	-389	Max	60.00	0.00	17	-120.96	17	16.21	17	-1557.55	17	-137.89	17	51.58	17
609	-390	-389	Min.	0.00	0.00	17	-84.04	17	77.71	17	-500.12	17	479.41	17	51.58	17
609	-390	-389	Min.	60.00	0.00	17	-120.96	17	16.21	17	-1557.55	17	-137.89	17	51.58	17
609	-389	108	Max	0.00	0.00	17	-272.12	17	-159.02	17	-3670.87	17	-204.32	17	-184.78	17
609	-389	108	Max	35.00	0.00	17	-293.65	17	-258.03	17	-4287.71	17	-1597.07	17	-184.78	17
609	-389	108	Min.	0.00	0.00	17	-272.12	17	-159.02	17	-3670.87	17	-204.32	17	-184.78	17
609	-389	108	Min.	35.00	0.00	17	-293.65	17	-258.03	17	-4287.71	17	-1597.07	17	-184.78	17
609	108	60	Max	0.00	0.00	17	27.27	17	-29.57	17	406.43	17	-186.56	17	-112.02	17
609	108	60	Max	42.00	0.00	17	22.51	17	-19.11	17	270.01	17	-44.51	17	-112.02	17
609	108	60	Min.	0.00	0.00	17	27.27	17	-29.57	17	406.43	17	-186.56	17	-112.02	17
609	108	60	Min.	42.00	0.00	17	22.51	17	-19.11	17	270.01	17	-44.51	17	-112.02	17
610	110	113	Max	0.00	0.00	17	-18.66	17	16.54	17	293.09	17	-110.70	17	-61.29	17
610	110	113	Max	41.00	0.00	17	-14.01	17	9.84	17	159.92	17	-17.84	17	-61.29	17
610	110	113	Min.	0.00	0.00	17	-18.66	17	16.54	17	293.09	17	-110.70	17	-61.29	17
610	110	113	Min.	41.00	0.00	17	-14.01	17	9.84	17	159.92	17	-17.84	17	-61.29	17
610	-490	110	Max	0.00	0.00	17	149.17	17	29.27	17	-1889.90	17	153.33	17	-158.02	17
610	-490	110	Max	35.83	0.00	17	171.22	17	86.67	17	-2521.42	17	-637.03	17	-158.02	17
610	-490	110	Min.	0.00	0.00	17	149.17	17	29.27	17	-1889.90	17	153.33	17	-158.02	17
610	-490	110	Min.	35.83	0.00	17	171.22	17	86.67	17	-2521.42	17	-637.03	17	-158.02	17
610	-491	-490	Max	0.00	0.00	17	32.93	17	-117.68	17	23.63	17	577.44	17	73.36	17
610	-491	-490	Max	1.22					-117.28	17			577.60	17		
610	-491	-490	Max	60.83	0.00	17	70.37	17	-86.26	17	-1048.48	17	265.71	17	73.36	17
610	-491	-490	Min.	0.00	0.00	17	32.93	17	-117.68	17	23.63	17	577.44	17	73.36	17
610	-491	-490	Min.	1.22					-117.28	17			577.60	17		
610	-491	-490	Min.	60.83	0.00	17	70.37	17	-86.26	17	-1048.48	17	265.71	17	73.36	17
610	-492	-491	Max	0.00	0.00	17	0.68	17	-181.94	17	343.54	17	819.47	17	32.33	17
610	-492	-491	Max	19.49					-180.64	17			852.95	17		
610	-492	-491	Max	60.83	0.00	17	38.12	17	-170.14	17	-728.57	17	702.36	17	32.33	17
610	-492	-491	Min.	0.00	0.00	17	0.68	17	-181.94	17	343.54	17	819.47	17	32.33	17
610	-492	-491	Min.	19.49					-180.64	17			852.95	17		
610	-492	-491	Min.	60.83	0.00	17	38.12	17	-170.14	17	-728.57	17	702.36	17	32.33	17
610	-493	-492	Max	0.00	0.00	17	-31.50	17	-180.39	17	662.85	17	760.09	17	-47.16	17
610	-493	-492	Max	37.61					-187.88	17			884.75	17		
610	-493	-492	Max	60.83	0.00	17	5.94	17	-188.16	17	-409.26	17	837.23	17	-47.16	17
610	-493	-492	Min.	0.00	0.00	17	-31.50	17	-180.39	17	662.85	17	760.09	17	-47.16	17
610	-493	-492	Min.	37.61					-187.88	17			884.75	17		
610	-493	-492	Min.	60.83	0.00	17	5.94	17	-188.16	17	-409.26	17	837.23	17	-47.16	17
610	-494	-493	Max	0.00	0.00	17	-61.80	17	-115.76	17	963.47	17	414.77	17	-104.39	17
610	-494	-493	Max	54.67					-140.35	17			678.13	17		
610	-494	-493	Max	60.83	0.00	17	-24.36	17	-141.97	17	-108.65	17	674.78	17	-104.39	17
610	-494	-493	Min.	0.00	0.00	17	-61.80	17	-115.76	17	963.47	17	414.77	17	-104.39	17
610	-494	-493	Min.	54.67					-140.35	17			678.13	17		
610	-494	-493	Min.	60.83	0.00	17	-24.36	17	-141.97	17	-108.65	17	674.78	17	-104.39	17
610	111	-494	Max	25.00	0.00	17	-124.25	17	23.93	17	1868.08	17	-281.96	17	67.61	17
610	111	-494	Max	60.83	0.00	17	-102.20	17	-16.65	17	1236.56	17	274.29	17	67.61	17
610	111	-494	Min.	25.00	0.00	17	-124.25	17	23.93	17	1868.08	17	-281.96	17	67.61	17
610	111	-494	Min.	60.83	0.00	17	-102.20	17	-16.65	17	1236.56	17	274.29	17	67.61	17
610	66	111	Max	0.00	0.00	17	3.40	17	-1.71	17	-83.62	17	13.01	17	-47.79	17
610	66	111	Max	13.00	0.00	17	4.87	17	-1.17	17	-125.84	17	-0.61	17	-47.79	17
610	66	111	Min.	0.00	0.00	17	3.40	17	-1.71	17	-83.62	17	13.01	17	-47.79	17
610	66	111	Min.	13.00	0.00	17	4.87	17	-1.17	17	-125.84	17	-0.61	17	-47.79	17
613	114	109	Max	0.00	0.00	17	-16.64	17	-13.29	17	-196.35	17	-28.61	17	70.74	17
613	114	109	Max	41.00	0.00	17	-21.29	17	-21.06	17	-329.52	17	-136.41	17	70.74	17
613	114	109	Min.	0.00	0.00	17	-16.64	17	-13.29	17	-196.35	17	-28.61	17	70.74	17
613	114	109	Min.	41.00	0.00	17	-21.29	17	-21.06	17	-329.52	17	-136.41	17	70.74	17
613	109	-408	Max	25.00	0.00	17	182.14	17	-133.72	17	3130.42	17	-851.40	17	122.79	17
613	109	-408	Max	52.14	0.00	17	165.44	17	-86.55	17	2652.06	17	-66.64	17	122.79	17
613	109	-408	Min.	25.00	0.00	17	182.14	17	-133.72	17	3130.42	17	-851.40	17	122.79	17
613	109	-408	Min.	52.14	0.00	17	165.44	17	-86.55	17	2652.06	17	-66.64	17	122.79	17
613	-408	-407	Max	0.00	0.00	17	93.75	17	33.57	17	1338.28	17	-16.03	17	-30.48	17
613	-408	-407	Max	52.14	0.00	17	61.66	17	74.09	17	419.33	17	442.20	17	-30.48	17
613	-408	-407	Min.	0.00	0.00	17	93.75	17	33.57	17	1338.28	17	-16.03	17	-30.48	17
613	-408	-407	Min.	52.14	0.00	17	61.66	17	74.09	17	419.33	17	442.20	17	-30.48	17
613	-407	-406	Max	0.00	0.00	17	56.97	17	152.91	17	922.35	17	595.25	17	-25.84	17
613	-407	-406	Max	52.14	0.00	17	24.88	17	174.24	17	3.39	17	836.61	17	-25.84	17
613	-407	-406	Min.	0.00	0.00	17	56.97	17	152.91	17	922.35	17	595.25	17	-25.84	17
613	-407	-406	Min.	52.14	0.00	17	24.88	17	174.24	17	3.39	17	836.61	17	-25.84	17
613	-406	-405	Max	0.00	0.00	17	22.53	17	208.87	17	532.76	17	912.11	17	10.37	17
613	-406	-405	Max	30.23					212.87	17			992.63	17		

Relazione di calcolo

613	-406	-405	Max	52.14	0.00	17	-9.56	17	212.25	17	-386.19	17	950.32	17	10.37	17
613	-406	-405	Min.	0.00	0.00	17	22.53	17	208.87	17	532.76	17	912.11	17	10.37	17
613	-406	-405	Min.	36.60					213.00	17			989.06	17		
613	-406	-405	Min.	52.14	0.00	17	-9.56	17	212.25	17	-386.19	17	950.32	17	10.37	17
613	-405	-404	Max	0.00	0.00	17	-12.41	17	200.43	17	137.59	17	934.71	17	46.36	17
613	-405	-404	Max	7.81					199.27	17			940.08	17		
613	-405	-404	Max	52.14	0.00	17	-44.50	17	185.59	17	-781.37	17	766.87	17	46.36	17
613	-405	-404	Min.	0.00	0.00	17	-12.41	17	200.43	17	137.59	17	934.71	17	46.36	17
613	-405	-404	Min.	7.81					199.27	17			940.08	17		
613	-405	-404	Min.	52.14	0.00	17	-44.50	17	185.59	17	-781.37	17	766.87	17	46.36	17
613	-404	-403	Max	0.00	0.00	17	-46.81	17	129.73	17	-251.37	17	671.13	17	69.37	17
613	-404	-403	Max	52.14	0.00	17	-78.90	17	96.96	17	-1170.32	17	300.48	17	69.37	17
613	-404	-403	Min.	0.00	0.00	17	-46.81	17	129.73	17	-251.37	17	671.13	17	69.37	17
613	-404	-403	Min.	52.14	0.00	17	-78.90	17	96.96	17	-1170.32	17	300.48	17	69.37	17
613	-403	112	Max	0.00	0.00	17	-106.67	17	0.36	17	-1668.11	17	216.68	17	-14.90	17
613	-403	112	Max	27.14	0.00	17	-123.37	17	-30.86	17	-2146.47	17	-301.02	17	-14.90	17
613	-403	112	Min.	0.00	0.00	17	-106.67	17	0.36	17	-1668.11	17	216.68	17	-14.90	17
613	-403	112	Min.	27.14	0.00	17	-123.37	17	-30.86	17	-2146.47	17	-301.02	17	-14.90	17
613	112	65	Max	0.00	0.00	17	6.27	17	-1.71	17	161.26	17	-15.66	17	7.07	17
613	112	65	Max	13.00	0.00	17	4.80	17	-0.99	17	119.04	17	2.56	17	7.07	17
613	112	65	Min.	0.00	0.00	17	6.27	17	-1.71	17	161.26	17	-15.66	17	7.07	17
613	112	65	Min.	13.00	0.00	17	4.80	17	-0.99	17	119.04	17	2.56	17	7.07	17

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-5353.31	18	-423.93	18	-946.04	18	298.99	18	-798.23	18	-0.99	18
21	1	101	Max	262.01	-4534.52	18	-423.93	18	-2056.80	18	298.99	18	-14.83	18	-0.99	18
21	1	101	Min.	0.00	-5353.31	18	-423.93	18	-946.04	18	298.99	18	-798.23	18	-0.99	18
21	1	101	Min.	262.01	-4534.52	18	-423.93	18	-2056.80	18	298.99	18	-14.83	18	-0.99	18
22	2	102	Max	0.00	-5831.05	18	122.61	18	-846.04	18	-380.05	18	-60.96	18	-0.93	18
22	2	102	Max	279.01	-4959.14	18	122.61	18	-503.95	18	-380.05	18	-1121.34	18	-0.93	18
22	2	102	Min.	0.00	-5831.05	18	122.61	18	-846.04	18	-380.05	18	-60.96	18	-0.93	18
22	2	102	Min.	279.01	-4959.14	18	122.61	18	-503.95	18	-380.05	18	-1121.34	18	-0.93	18
23	3	103	Max	0.00	-10045.10	18	553.46	18	-1214.06	18	-152.08	18	367.09	18	-0.93	18
23	3	103	Max	279.01	-9173.16	18	553.46	18	330.16	18	-152.08	18	-57.24	18	-0.93	18
23	3	103	Min.	0.00	-10045.10	18	553.46	18	-1214.06	18	-152.08	18	367.09	18	-0.93	18
23	3	103	Min.	279.01	-9173.16	18	553.46	18	330.16	18	-152.08	18	-57.24	18	-0.93	18
24	4	104	Max	0.00	-8973.80	18	-62.09	18	430.67	18	399.94	18	-854.77	18	-0.99	18
24	4	104	Max	262.01	-8155.01	18	-62.09	18	267.98	18	399.94	18	193.12	18	-0.99	18
24	4	104	Min.	0.00	-8973.80	18	-62.09	18	430.67	18	399.94	18	-854.77	18	-0.99	18
24	4	104	Min.	262.01	-8155.01	18	-62.09	18	267.98	18	399.94	18	193.12	18	-0.99	18
25	5	105	Max	0.00	-9622.76	18	-246.34	18	487.44	18	-135.76	18	96.67	18	-0.27	18
25	5	105	Max	262.01	-9213.36	18	-246.34	18	-158.01	18	-135.76	18	-259.04	18	-0.27	18
25	5	105	Min.	0.00	-9622.76	18	-246.34	18	487.44	18	-135.76	18	96.67	18	-0.27	18
25	5	105	Min.	262.01	-9213.36	18	-246.34	18	-158.01	18	-135.76	18	-259.04	18	-0.27	18
26	6	106	Max	0.00	-10762.00	18	323.83	18	-546.47	18	-176.17	18	164.12	18	-0.25	18
26	6	106	Max	279.01	-10326.00	18	323.83	18	357.06	18	-176.17	18	-327.41	18	-0.25	18
26	6	106	Min.	0.00	-10762.00	18	323.83	18	-546.47	18	-176.17	18	164.12	18	-0.25	18
26	6	106	Min.	279.01	-10326.00	18	323.83	18	357.06	18	-176.17	18	-327.41	18	-0.25	18
27	7	107	Max	0.00	-6586.48	18	166.68	18	-375.44	18	822.94	18	-779.67	18	-0.25	18
27	7	107	Max	279.01	-6150.52	18	166.68	18	89.62	18	822.94	18	1516.43	18	-0.25	18
27	7	107	Min.	0.00	-6586.48	18	166.68	18	-375.44	18	822.94	18	-779.67	18	-0.25	18
27	7	107	Min.	279.01	-6150.52	18	166.68	18	89.62	18	822.94	18	1516.43	18	-0.25	18
28	8	108	Max	0.00	-5680.55	18	-109.04	18	355.28	18	880.60	18	-735.36	18	-0.27	18
28	8	108	Max	262.01	-5271.15	18	-109.04	18	69.59	18	880.60	18	1571.92	18	-0.27	18
28	8	108	Min.	0.00	-5680.55	18	-109.04	18	355.28	18	880.60	18	-735.36	18	-0.27	18
28	8	108	Min.	262.01	-5271.15	18	-109.04	18	69.59	18	880.60	18	1571.92	18	-0.27	18
29	9	109	Max	0.00	-4698.58	18	-81.34	18	289.92	18	-516.57	18	448.56	18	-0.27	18
29	9	109	Max	262.01	-4289.19	18	-81.34	18	76.81	18	-516.57	18	-904.92	18	-0.27	18
29	9	109	Min.	0.00	-4698.58	18	-81.34	18	289.92	18	-516.57	18	448.56	18	-0.27	18
29	9	109	Min.	262.01	-4289.19	18	-81.34	18	76.81	18	-516.57	18	-904.92	18	-0.27	18
30	10	110	Max	0.00	-5685.56	18	51.52	18	-161.85	18	-381.25	18	300.54	18	-0.25	18
30	10	110	Max	279.01	-5249.60	18	51.52	18	-18.10	18	-381.25	18	-763.20	18	-0.25	18
30	10	110	Min.	0.00	-5685.56	18	51.52	18	-161.85	18	-381.25	18	300.54	18	-0.25	18
30	10	110	Min.	279.01	-5249.60	18	51.52	18	-18.10	18	-381.25	18	-763.20	18	-0.25	18
31	11	111	Max	0.00	-4753.53	18	55.27	18	-141.19	18	262.24	18	-90.79	18	-0.25	18
31	11	111	Max	279.01	-4317.58	18	55.27	18	13.01	18	262.24	18	640.89	18	-0.25	18
31	11	111	Min.	0.00	-4753.53	18	55.27	18	-141.19	18	262.24	18	-90.79	18	-0.25	18
31	11	111	Min.	279.01	-4317.58	18	55.27	18	13.01	18	262.24	18	640.89	18	-0.25	18
32	12	112	Max	0.00	-3735.41	18	-137.67	18	361.17	18	262.13	18	-36.58	18	-0.27	18
32	12	112	Max	262.01	-3326.02	18	-137.67	18	0.45	18	262.13	18	650.24	18	-0.27	18
32	12	112	Min.	0.00	-3735.41	18	-137.67	18	361.17	18	262.13	18	-36.58	18	-0.27	18
32	12	112	Min.	262.01	-3326.02	18	-137.67	18	0.45	18	262.13	18	650.24	18	-0.27	18
401	35	-57	Max	0.00	0.00	18	0.00	18	0.00	18	-3272.04	18	1180.66	18	6.31	18
401	35	-57	Max	37.31	0.00	18	0.00	18	0.00	18	-2620.25	18	81.95	18	6.31	18
401	35	-57	Min.	0.00	0.00	18	0.00	18	0.00	18	-3272.04	18	1180.66	18	6.31	18
401	35	-57	Min.	37.31	0.00	18	0.00	18	0.00	18	-2620.25	18	81.95	18	6.31	18

Relazione di calcolo

401	-57	-58	Max	0.00	0.00	18	0.00	18	0.00	18	-2620.25	18	81.95	18	6.31	18
401	-57	-58	Max	37.31	0.00	18	0.00	18	0.00	18	-1982.68	18	-776.21	18	6.31	18
401	-57	-58	Min.	0.00	0.00	18	0.00	18	0.00	18	-2620.25	18	81.95	18	6.31	18
401	-57	-58	Min.	37.31	0.00	18	0.00	18	0.00	18	-1982.68	18	-776.21	18	6.31	18
401	-58	-59	Max	0.00	0.00	18	0.00	18	0.00	18	-1982.68	18	-776.21	18	6.31	18
401	-58	-59	Max	37.31	0.00	18	0.00	18	0.00	18	-1358.71	18	-1399.11	18	6.31	18
401	-58	-59	Min.	0.00	0.00	18	0.00	18	0.00	18	-1982.68	18	-776.21	18	6.31	18
401	-58	-59	Min.	37.31	0.00	18	0.00	18	0.00	18	-1358.71	18	-1399.11	18	6.31	18
401	-59	-60	Max	0.00	0.00	18	0.00	18	0.00	18	-1358.70	18	-1399.11	18	6.31	18
401	-59	-60	Max	37.31	0.00	18	0.00	18	0.00	18	-746.51	18	-1791.49	18	6.31	18
401	-59	-60	Min.	0.00	0.00	18	0.00	18	0.00	18	-1358.70	18	-1399.11	18	6.31	18
401	-59	-60	Min.	37.31	0.00	18	0.00	18	0.00	18	-746.51	18	-1791.49	18	6.31	18
401	-60	-61	Max	0.00	0.00	18	0.00	18	0.00	18	-746.51	18	-1791.49	18	6.31	18
401	-60	-61	Max	37.31	0.00	18	0.00	18	0.00	18	-143.40	18	-1957.26	18	6.31	18
401	-60	-61	Min.	0.00	0.00	18	0.00	18	0.00	18	-746.51	18	-1791.49	18	6.31	18
401	-60	-61	Min.	37.31	0.00	18	0.00	18	0.00	18	-143.40	18	-1957.26	18	6.31	18
401	-61	-62	Max	0.00	0.00	18	0.00	18	0.00	18	-143.41	18	-1957.25	18	6.31	18
401	-61	-62	Max	8.93									-1963.66	18		
401	-61	-62	Max	37.31	0.00	18	0.00	18	0.00	18	453.82	18	-1899.22	18	6.31	18
401	-61	-62	Min.	0.00	0.00	18	0.00	18	0.00	18	-143.41	18	-1957.25	18	6.31	18
401	-61	-62	Min.	8.93									-1963.66	18		
401	-61	-62	Min.	37.31	0.00	18	0.00	18	0.00	18	453.82	18	-1899.22	18	6.31	18
401	-62	-63	Max	0.00	0.00	18	0.00	18	0.00	18	453.82	18	-1899.22	18	6.31	18
401	-62	-63	Max	37.31	0.00	18	0.00	18	0.00	18	1048.41	18	-1618.96	18	6.31	18
401	-62	-63	Min.	0.00	0.00	18	0.00	18	0.00	18	453.82	18	-1899.22	18	6.31	18
401	-62	-63	Min.	37.31	0.00	18	0.00	18	0.00	18	1048.41	18	-1618.96	18	6.31	18
401	-63	-64	Max	0.00	0.00	18	0.00	18	0.00	18	1048.42	18	-1618.95	18	6.31	18
401	-63	-64	Max	37.31	0.00	18	0.00	18	0.00	18	1643.37	18	-1116.88	18	6.31	18
401	-63	-64	Min.	0.00	0.00	18	0.00	18	0.00	18	1048.42	18	-1618.95	18	6.31	18
401	-63	-64	Min.	37.31	0.00	18	0.00	18	0.00	18	1643.37	18	-1116.88	18	6.31	18
401	-64	-65	Max	0.00	0.00	18	0.00	18	0.00	18	1643.36	18	-1116.88	18	6.31	18
401	-64	-65	Max	37.31	0.00	18	0.00	18	0.00	18	2240.96	18	-392.43	18	6.31	18
401	-64	-65	Min.	0.00	0.00	18	0.00	18	0.00	18	1643.36	18	-1116.88	18	6.31	18
401	-64	-65	Min.	37.31	0.00	18	0.00	18	0.00	18	2240.96	18	-392.43	18	6.31	18
401	-65	-66	Max	0.00	0.00	18	0.00	18	0.00	18	2240.96	18	-392.42	18	6.31	18
401	-65	-66	Max	37.31	0.00	18	0.00	18	0.00	18	2842.52	18	555.72	18	6.31	18
401	-65	-66	Min.	0.00	0.00	18	0.00	18	0.00	18	2240.96	18	-392.42	18	6.31	18
401	-65	-66	Min.	37.31	0.00	18	0.00	18	0.00	18	2842.52	18	555.72	18	6.31	18
401	-66	-67	Max	0.00	0.00	18	0.00	18	0.00	18	2842.53	18	555.72	18	6.31	18
401	-66	-67	Max	37.31	0.00	18	0.00	18	0.00	18	3447.89	18	1729.04	18	6.31	18
401	-66	-67	Min.	0.00	0.00	18	0.00	18	0.00	18	2842.53	18	555.72	18	6.31	18
401	-66	-67	Min.	37.31	0.00	18	0.00	18	0.00	18	3447.89	18	1729.04	18	6.31	18
401	-67	-68	Max	0.00	0.00	18	0.00	18	0.00	18	3447.88	18	1729.03	18	6.31	18
401	-67	-68	Max	37.31	0.00	18	0.00	18	0.00	18	4055.10	18	3128.59	18	6.31	18
401	-67	-68	Min.	0.00	0.00	18	0.00	18	0.00	18	3447.88	18	1729.03	18	6.31	18
401	-67	-68	Min.	37.31	0.00	18	0.00	18	0.00	18	4055.10	18	3128.59	18	6.31	18
401	-68	5	Max	0.00	0.00	18	0.00	18	0.00	18	4055.10	18	3128.59	18	6.31	18
401	-68	5	Max	24.81	0.00	18	0.00	18	0.00	18	4457.97	18	4184.59	18	6.31	18
401	-68	5	Min.	0.00	0.00	18	0.00	18	0.00	18	4055.10	18	3128.59	18	6.31	18
401	-68	5	Min.	24.81	0.00	18	0.00	18	0.00	18	4457.97	18	4184.59	18	6.31	18
401	5	-44	Max	12.50	0.00	18	0.00	18	0.00	18	-4446.35	18	4098.49	18	-10.00	18
401	5	-44	Max	38.57	0.00	18	0.00	18	0.00	18	-4028.81	18	2993.84	18	-10.00	18
401	5	-44	Min.	12.50	0.00	18	0.00	18	0.00	18	-4446.35	18	4098.49	18	-10.00	18
401	5	-44	Min.	38.57	0.00	18	0.00	18	0.00	18	-4028.81	18	2993.84	18	-10.00	18
401	-44	-45	Max	0.00	0.00	18	0.00	18	0.00	18	-4028.72	18	2993.86	18	-10.00	18
401	-44	-45	Max	38.57	0.00	18	0.00	18	0.00	18	-3420.55	18	1557.70	18	-10.00	18
401	-44	-45	Min.	0.00	0.00	18	0.00	18	0.00	18	-4028.72	18	2993.86	18	-10.00	18
401	-44	-45	Min.	38.57	0.00	18	0.00	18	0.00	18	-3420.55	18	1557.70	18	-10.00	18
401	-45	-46	Max	0.00	0.00	18	0.00	18	0.00	18	-3420.55	18	1557.69	18	-10.00	18
401	-45	-46	Max	38.57	0.00	18	0.00	18	0.00	18	-2827.42	18	353.29	18	-10.00	18
401	-45	-46	Min.	0.00	0.00	18	0.00	18	0.00	18	-3420.55	18	1557.69	18	-10.00	18
401	-45	-46	Min.	38.57	0.00	18	0.00	18	0.00	18	-2827.42	18	353.29	18	-10.00	18
401	-46	-47	Max	0.00	0.00	18	0.00	18	0.00	18	-2827.45	18	353.29	18	-10.00	18
401	-46	-47	Max	38.57	0.00	18	0.00	18	0.00	18	-2251.02	18	-625.80	18	-10.00	18
401	-46	-47	Min.	0.00	0.00	18	0.00	18	0.00	18	-2827.45	18	353.29	18	-10.00	18
401	-46	-47	Min.	38.57	0.00	18	0.00	18	0.00	18	-2251.02	18	-625.80	18	-10.00	18
401	-47	-48	Max	0.00	0.00	18	0.00	18	0.00	18	-2251.01	18	-625.79	18	-10.00	18
401	-47	-48	Max	38.57	0.00	18	0.00	18	0.00	18	-1691.31	18	-1385.56	18	-10.00	18
401	-47	-48	Min.	0.00	0.00	18	0.00	18	0.00	18	-2251.01	18	-625.79	18	-10.00	18
401	-47	-48	Min.	38.57	0.00	18	0.00	18	0.00	18	-1691.31	18	-1385.56	18	-10.00	18
401	-48	-49	Max	0.00	0.00	18	0.00	18	0.00	18	-1691.30	18	-1385.56	18	-10.00	18
401	-48	-49	Max	38.57	0.00	18	0.00	18	0.00	18	-1146.31	18	-1932.36	18	-10.00	18
401	-48	-49	Min.	0.00	0.00	18	0.00	18	0.00	18	-1691.30	18	-1385.56	18	-10.00	18
401	-48	-49	Min.	38.57	0.00	18	0.00	18	0.00	18	-1146.31	18	-1932.36	18	-10.00	18
401	-49	-50	Max	0.00	0.00	18	0.00	18	0.00	18	-1146.31	18	-1932.37	18	-10.00	18
401	-49	-50	Max	38.57	0.00	18	0.00	18	0.00	18	-612.92	18	-2271.32	18	-10.00	18
401	-49	-50	Min.	0.00	0.00	18	0.00	18	0.00	18	-1146.31	18	-1932.37	18	-10.00	18
401	-49	-50	Min.	38.57	0.00	18	0.00	18	0.00	18	-612.92	18	-2271.32	18	-10.00	18
401	-50	-51	Max	0.00	0.00	18	0.00	18	0.00	18	-612.92	18	-2271.32	18	-10.00	18

Relazione di calcolo

401	-50	-51	Max	38.57	0.00	18	0.00	18	0.00	18	-87.19	18	-2406.16	18	-10.00	18
401	-50	-51	Min.	0.00	0.00	18	0.00	18	0.00	18	-612.92	18	-2271.32	18	-10.00	18
401	-50	-51	Min.	38.57	0.00	18	0.00	18	0.00	18	-87.19	18	-2406.16	18	-10.00	18
401	-51	-52	Max	0.00	0.00	18	0.00	18	0.00	18	-87.18	18	-2406.16	18	-10.00	18
401	-51	-52	Max	6.43									-2408.96	18		
401	-51	-52	Max	38.57	0.00	18	0.00	18	0.00	18	435.26	18	-2339.00	18	-10.00	18
401	-51	-52	Min.	0.00	0.00	18	0.00	18	0.00	18	-87.18	18	-2406.16	18	-10.00	18
401	-51	-52	Min.	6.43									-2408.96	18		
401	-51	-52	Min.	38.57	0.00	18	0.00	18	0.00	18	435.26	18	-2339.00	18	-10.00	18
401	-52	-53	Max	0.00	0.00	18	0.00	18	0.00	18	435.26	18	-2339.00	18	-10.00	18
401	-52	-53	Max	38.57	0.00	18	0.00	18	0.00	18	958.85	18	-2070.25	18	-10.00	18
401	-52	-53	Min.	0.00	0.00	18	0.00	18	0.00	18	435.26	18	-2339.00	18	-10.00	18
401	-52	-53	Min.	38.57	0.00	18	0.00	18	0.00	18	958.85	18	-2070.25	18	-10.00	18
401	-53	-54	Max	0.00	0.00	18	0.00	18	0.00	18	958.87	18	-2070.25	18	-10.00	18
401	-53	-54	Max	38.57	0.00	18	0.00	18	0.00	18	1487.88	18	-1598.50	18	-10.00	18
401	-53	-54	Min.	0.00	0.00	18	0.00	18	0.00	18	958.87	18	-2070.25	18	-10.00	18
401	-53	-54	Min.	38.57	0.00	18	0.00	18	0.00	18	1487.88	18	-1598.50	18	-10.00	18
401	-54	-55	Max	0.00	0.00	18	0.00	18	0.00	18	1487.87	18	-1598.51	18	-10.00	18
401	-54	-55	Max	38.57	0.00	18	0.00	18	0.00	18	2025.46	18	-921.29	18	-10.00	18
401	-54	-55	Min.	0.00	0.00	18	0.00	18	0.00	18	1487.87	18	-1598.51	18	-10.00	18
401	-54	-55	Min.	38.57	0.00	18	0.00	18	0.00	18	2025.46	18	-921.29	18	-10.00	18
401	-55	-56	Max	0.00	0.00	18	0.00	18	0.00	18	2025.46	18	-921.29	18	-10.00	18
401	-55	-56	Max	38.57	0.00	18	0.00	18	0.00	18	2574.12	18	-34.64	18	-10.00	18
401	-55	-56	Min.	0.00	0.00	18	0.00	18	0.00	18	2025.46	18	-921.29	18	-10.00	18
401	-55	-56	Min.	38.57	0.00	18	0.00	18	0.00	18	2574.12	18	-34.64	18	-10.00	18
401	-56	8	Max	0.00	0.00	18	0.00	18	0.00	18	2574.19	18	-34.64	18	-10.00	18
401	-56	8	Max	13.57	0.00	18	0.00	18	0.00	18	2770.08	18	327.95	18	-10.00	18
401	-56	8	Min.	0.00	0.00	18	0.00	18	0.00	18	2574.19	18	-34.64	18	-10.00	18
401	-56	8	Min.	13.57	0.00	18	0.00	18	0.00	18	2770.08	18	327.95	18	-10.00	18
401	8	-38	Max	0.00	0.00	18	0.00	18	0.00	18	-2277.11	18	1707.46	18	-119.52	18
401	8	-38	Max	34.71	0.00	18	0.00	18	0.00	18	-1762.62	18	1006.11	18	-119.52	18
401	8	-38	Min.	0.00	0.00	18	0.00	18	0.00	18	-2277.11	18	1707.46	18	-119.52	18
401	8	-38	Min.	34.71	0.00	18	0.00	18	0.00	18	-1762.62	18	1006.11	18	-119.52	18
401	-38	-39	Max	0.00	0.00	18	0.00	18	0.00	18	-1762.64	18	1006.11	18	-119.52	18
401	-38	-39	Max	34.71	0.00	18	0.00	18	0.00	18	-1240.02	18	484.63	18	-119.52	18
401	-38	-39	Min.	0.00	0.00	18	0.00	18	0.00	18	-1762.64	18	1006.11	18	-119.52	18
401	-38	-39	Min.	34.71	0.00	18	0.00	18	0.00	18	-1240.02	18	484.63	18	-119.52	18
401	-39	-40	Max	0.00	0.00	18	0.00	18	0.00	18	-1240.00	18	484.64	18	-119.52	18
401	-39	-40	Max	34.71	0.00	18	0.00	18	0.00	18	-710.58	18	145.92	18	-119.52	18
401	-39	-40	Min.	0.00	0.00	18	0.00	18	0.00	18	-1240.00	18	484.64	18	-119.52	18
401	-39	-40	Min.	34.71	0.00	18	0.00	18	0.00	18	-710.58	18	145.92	18	-119.52	18
401	-40	-41	Max	0.00	0.00	18	0.00	18	0.00	18	-710.59	18	145.92	18	-119.52	18
401	-40	-41	Max	34.71	0.00	18	0.00	18	0.00	18	-174.47	18	-7.91	18	-119.52	18
401	-40	-41	Min.	0.00	0.00	18	0.00	18	0.00	18	-710.59	18	145.92	18	-119.52	18
401	-40	-41	Min.	34.71	0.00	18	0.00	18	0.00	18	-174.47	18	-7.91	18	-119.52	18
401	-41	-42	Max	0.00	0.00	18	0.00	18	0.00	18	-174.46	18	-7.91	18	-119.52	18
401	-41	-42	Max	11.21									-17.69	18		
401	-41	-42	Max	34.71	0.00	18	0.00	18	0.00	18	367.94	18	25.48	18	-119.52	18
401	-41	-42	Min.	0.00	0.00	18	0.00	18	0.00	18	-174.46	18	-7.91	18	-119.52	18
401	-41	-42	Min.	11.21									-17.69	18		
401	-41	-42	Min.	34.71	0.00	18	0.00	18	0.00	18	367.94	18	25.48	18	-119.52	18
401	-42	-43	Max	0.00	0.00	18	0.00	18	0.00	18	367.93	18	25.48	18	-119.52	18
401	-42	-43	Max	34.71	0.00	18	0.00	18	0.00	18	916.91	18	248.34	18	-119.52	18
401	-42	-43	Min.	0.00	0.00	18	0.00	18	0.00	18	367.93	18	25.48	18	-119.52	18
401	-42	-43	Min.	34.71	0.00	18	0.00	18	0.00	18	916.91	18	248.34	18	-119.52	18
401	-43	33	Max	0.00	0.00	18	0.00	18	0.00	18	916.91	18	248.35	18	-119.52	18
401	-43	33	Max	34.71	0.00	18	0.00	18	0.00	18	1471.97	18	662.76	18	-119.52	18
401	-43	33	Min.	0.00	0.00	18	0.00	18	0.00	18	916.91	18	248.35	18	-119.52	18
401	-43	33	Min.	34.71	0.00	18	0.00	18	0.00	18	1471.97	18	662.76	18	-119.52	18
402	-18	36	Max	0.00	0.00	18	0.00	18	0.00	18	2393.85	18	224.01	18	-288.37	18
402	-18	36	Max	37.31	0.00	18	0.00	18	0.00	18	2988.56	18	1228.04	18	-288.37	18
402	-18	36	Min.	0.00	0.00	18	0.00	18	0.00	18	2393.85	18	224.01	18	-288.37	18
402	-18	36	Min.	37.31	0.00	18	0.00	18	0.00	18	2988.56	18	1228.04	18	-288.37	18
402	-17	-18	Max	0.00	0.00	18	0.00	18	0.00	18	1799.67	18	-558.21	18	-288.37	18
402	-17	-18	Max	37.31	0.00	18	0.00	18	0.00	18	2393.86	18	224.01	18	-288.37	18
402	-17	-18	Min.	0.00	0.00	18	0.00	18	0.00	18	1799.67	18	-558.21	18	-288.37	18
402	-17	-18	Min.	37.31	0.00	18	0.00	18	0.00	18	2393.86	18	224.01	18	-288.37	18
402	-16	-17	Max	0.00	0.00	18	0.00	18	0.00	18	1205.69	18	-1118.84	18	-288.37	18
402	-16	-17	Max	37.31	0.00	18	0.00	18	0.00	18	1799.67	18	-558.21	18	-288.37	18
402	-16	-17	Min.	0.00	0.00	18	0.00	18	0.00	18	1205.69	18	-1118.84	18	-288.37	18
402	-16	-17	Min.	37.31	0.00	18	0.00	18	0.00	18	1799.67	18	-558.21	18	-288.37	18
402	-15	-16	Max	0.00	0.00	18	0.00	18	0.00	18	610.52	18	-1457.70	18	-288.37	18
402	-15	-16	Max	37.31	0.00	18	0.00	18	0.00	18	1205.70	18	-1118.84	18	-288.37	18
402	-15	-16	Min.	0.00	0.00	18	0.00	18	0.00	18	610.52	18	-1457.70	18	-288.37	18
402	-15	-16	Min.	37.31	0.00	18	0.00	18	0.00	18	1205.70	18	-1118.84	18	-288.37	18
402	-14	-15	Max	0.00	0.00	18	0.00	18	0.00	18	11.98	18	-1573.96	18	-288.37	18
402	-14	-15	Max	37.31	0.00	18	0.00	18	0.00	18	610.51	18	-1457.70	18	-288.37	18
402	-14	-15	Min.	0.00	0.00	18	0.00	18	0.00	18	11.98	18	-1573.96	18	-288.37	18
402	-14	-15	Min.	37.31	0.00	18	0.00	18	0.00	18	610.51	18	-1457.70	18	-288.37	18

Relazione di calcolo

402	-13	-14	Max	0.00	0.00	18	0.00	18	0.00	18	-592.52	18	-1465.89	18	-288.37	18
402	-13	-14	Max	36.56									-1574.01	18		
402	-13	-14	Max	37.31	0.00	18	0.00	18	0.00	18	11.98	18	-1573.96	18	-288.37	18
402	-13	-14	Min.	0.00	0.00	18	0.00	18	0.00	18	-592.52	18	-1465.89	18	-288.37	18
402	-13	-14	Min.	36.56									-1574.01	18		
402	-13	-14	Min.	37.31	0.00	18	0.00	18	0.00	18	11.98	18	-1573.96	18	-288.37	18
402	-12	-13	Max	0.00	0.00	18	0.00	18	0.00	18	-1205.54	18	-1130.78	18	-288.37	18
402	-12	-13	Max	37.31	0.00	18	0.00	18	0.00	18	-592.53	18	-1465.89	18	-288.37	18
402	-12	-13	Min.	0.00	0.00	18	0.00	18	0.00	18	-1205.54	18	-1130.78	18	-288.37	18
402	-12	-13	Min.	37.31	0.00	18	0.00	18	0.00	18	-592.53	18	-1465.89	18	-288.37	18
402	-11	-12	Max	0.00	0.00	18	0.00	18	0.00	18	-1829.28	18	-565.03	18	-288.37	18
402	-11	-12	Max	37.31	0.00	18	0.00	18	0.00	18	-1205.54	18	-1130.78	18	-288.37	18
402	-11	-12	Min.	0.00	0.00	18	0.00	18	0.00	18	-1829.28	18	-565.03	18	-288.37	18
402	-11	-12	Min.	37.31	0.00	18	0.00	18	0.00	18	-1205.54	18	-1130.78	18	-288.37	18
402	-10	-11	Max	0.00	0.00	18	0.00	18	0.00	18	-2465.16	18	235.65	18	-288.37	18
402	-10	-11	Max	37.31	0.00	18	0.00	18	0.00	18	-1829.28	18	-565.03	18	-288.37	18
402	-10	-11	Min.	0.00	0.00	18	0.00	18	0.00	18	-2465.16	18	235.65	18	-288.37	18
402	-10	-11	Min.	37.31	0.00	18	0.00	18	0.00	18	-1829.28	18	-565.03	18	-288.37	18
402	-9	-10	Max	0.00	0.00	18	0.00	18	0.00	18	-3113.50	18	1275.91	18	-288.37	18
402	-9	-10	Max	37.31	0.00	18	0.00	18	0.00	18	-2465.17	18	235.65	18	-288.37	18
402	-9	-10	Min.	0.00	0.00	18	0.00	18	0.00	18	-3113.50	18	1275.91	18	-288.37	18
402	-9	-10	Min.	37.31	0.00	18	0.00	18	0.00	18	-2465.17	18	235.65	18	-288.37	18
402	-8	-9	Max	0.00	0.00	18	0.00	18	0.00	18	-3772.98	18	2560.21	18	-288.37	18
402	-8	-9	Max	37.31	0.00	18	0.00	18	0.00	18	-3113.49	18	1275.91	18	-288.37	18
402	-8	-9	Min.	0.00	0.00	18	0.00	18	0.00	18	-3772.98	18	2560.21	18	-288.37	18
402	-8	-9	Min.	37.31	0.00	18	0.00	18	0.00	18	-3113.49	18	1275.91	18	-288.37	18
402	-7	-8	Max	0.00	0.00	18	0.00	18	0.00	18	-4440.35	18	4092.11	18	-288.37	18
402	-7	-8	Max	37.31	0.00	18	0.00	18	0.00	18	-3772.98	18	2560.21	18	-288.37	18
402	-7	-8	Min.	0.00	0.00	18	0.00	18	0.00	18	-4440.35	18	4092.11	18	-288.37	18
402	-7	-8	Min.	37.31	0.00	18	0.00	18	0.00	18	-3772.98	18	2560.21	18	-288.37	18
402	6	-7	Max	12.50	0.00	18	0.00	18	0.00	18	-4885.88	18	5248.93	18	-288.37	18
402	6	-7	Max	37.31	0.00	18	0.00	18	0.00	18	-4440.40	18	4092.10	18	-288.37	18
402	6	-7	Min.	12.50	0.00	18	0.00	18	0.00	18	-4885.88	18	5248.93	18	-288.37	18
402	6	-7	Min.	37.31	0.00	18	0.00	18	0.00	18	-4440.40	18	4092.10	18	-288.37	18
402	-31	6	Max	0.00	0.00	18	0.00	18	0.00	18	4485.06	18	3837.72	18	51.28	18
402	-31	6	Max	26.07	0.00	18	0.00	18	0.00	18	4950.59	18	5067.60	18	51.28	18
402	-31	6	Min.	0.00	0.00	18	0.00	18	0.00	18	4485.06	18	3837.72	18	51.28	18
402	-31	6	Min.	26.07	0.00	18	0.00	18	0.00	18	4950.59	18	5067.60	18	51.28	18
402	-30	-31	Max	0.00	0.00	18	0.00	18	0.00	18	3803.98	18	2239.55	18	51.28	18
402	-30	-31	Max	38.57	0.00	18	0.00	18	0.00	18	4485.11	18	3837.72	18	51.28	18
402	-30	-31	Min.	0.00	0.00	18	0.00	18	0.00	18	3803.98	18	2239.55	18	51.28	18
402	-30	-31	Min.	38.57	0.00	18	0.00	18	0.00	18	4485.11	18	3837.72	18	51.28	18
402	-29	-30	Max	0.00	0.00	18	0.00	18	0.00	18	3136.82	18	901.53	18	51.28	18
402	-29	-30	Max	38.57	0.00	18	0.00	18	0.00	18	3803.97	18	2239.55	18	51.28	18
402	-29	-30	Min.	0.00	0.00	18	0.00	18	0.00	18	3136.82	18	901.53	18	51.28	18
402	-29	-30	Min.	38.57	0.00	18	0.00	18	0.00	18	3803.97	18	2239.55	18	51.28	18
402	-28	-29	Max	0.00	0.00	18	0.00	18	0.00	18	2486.42	18	-182.63	18	51.28	18
402	-28	-29	Max	38.57	0.00	18	0.00	18	0.00	18	3136.83	18	901.53	18	51.28	18
402	-28	-29	Min.	0.00	0.00	18	0.00	18	0.00	18	2486.42	18	-182.63	18	51.28	18
402	-28	-29	Min.	38.57	0.00	18	0.00	18	0.00	18	3136.83	18	901.53	18	51.28	18
402	-27	-28	Max	0.00	0.00	18	0.00	18	0.00	18	1853.76	18	-1019.07	18	51.28	18
402	-27	-28	Max	38.57	0.00	18	0.00	18	0.00	18	2486.42	18	-182.63	18	51.28	18
402	-27	-28	Min.	0.00	0.00	18	0.00	18	0.00	18	1853.76	18	-1019.07	18	51.28	18
402	-27	-28	Min.	38.57	0.00	18	0.00	18	0.00	18	2486.42	18	-182.63	18	51.28	18
402	-26	-27	Max	0.00	0.00	18	0.00	18	0.00	18	1237.55	18	-1614.73	18	51.28	18
402	-26	-27	Max	38.57	0.00	18	0.00	18	0.00	18	1853.75	18	-1019.07	18	51.28	18
402	-26	-27	Min.	0.00	0.00	18	0.00	18	0.00	18	1237.55	18	-1614.73	18	51.28	18
402	-26	-27	Min.	38.57	0.00	18	0.00	18	0.00	18	1853.75	18	-1019.07	18	51.28	18
402	-25	-26	Max	0.00	0.00	18	0.00	18	0.00	18	635.33	18	-1975.52	18	51.28	18
402	-25	-26	Max	38.57	0.00	18	0.00	18	0.00	18	1237.54	18	-1614.74	18	51.28	18
402	-25	-26	Min.	0.00	0.00	18	0.00	18	0.00	18	635.33	18	-1975.52	18	51.28	18
402	-25	-26	Min.	38.57	0.00	18	0.00	18	0.00	18	1237.54	18	-1614.74	18	51.28	18
402	-24	-25	Max	0.00	0.00	18	0.00	18	0.00	18	43.75	18	-2106.20	18	51.28	18
402	-24	-25	Max	38.57	0.00	18	0.00	18	0.00	18	635.33	18	-1975.52	18	51.28	18
402	-24	-25	Min.	0.00	0.00	18	0.00	18	0.00	18	43.75	18	-2106.20	18	51.28	18
402	-24	-25	Min.	38.57	0.00	18	0.00	18	0.00	18	635.33	18	-1975.52	18	51.28	18
402	-23	-24	Max	0.00	0.00	18	0.00	18	0.00	18	-541.03	18	-2010.14	18	51.28	18
402	-23	-24	Max	35.70									-2106.83	18		
402	-23	-24	Max	38.57	0.00	18	0.00	18	0.00	18	43.74	18	-2106.20	18	51.28	18
402	-23	-24	Min.	0.00	0.00	18	0.00	18	0.00	18	-541.03	18	-2010.14	18	51.28	18
402	-23	-24	Min.	35.70									-2106.83	18		
402	-23	-24	Min.	38.57	0.00	18	0.00	18	0.00	18	43.74	18	-2106.20	18	51.28	18
402	-22	-23	Max	0.00	0.00	18	0.00	18	0.00	18	-1122.83	18	-1689.23	18	51.28	18
402	-22	-23	Max	38.57	0.00	18	0.00	18	0.00	18	-541.02	18	-2010.14	18	51.28	18
402	-22	-23	Min.	0.00	0.00	18	0.00	18	0.00	18	-1122.83	18	-1689.23	18	51.28	18
402	-22	-23	Min.	38.57	0.00	18	0.00	18	0.00	18	-541.02	18	-2010.14	18	51.28	18
402	-21	-22	Max	0.00	0.00	18	0.00	18	0.00	18	-1705.29	18	-1143.75	18	51.28	18
402	-21	-22	Max	38.57	0.00	18	0.00	18	0.00	18	-1122.83	18	-1689.23	18	51.28	18
402	-21	-22	Min.	0.00	0.00	18	0.00	18	0.00	18	-1705.29	18	-1143.75	18	51.28	18

Relazione di calcolo

402	-21	-22	Min.	38.57	0.00	18	0.00	18	0.00	18	-1122.83	18	-1689.23	18	51.28	18
402	-20	-21	Max	0.00	0.00	18	0.00	18	0.00	18	-2290.75	18	-373.24	18	51.28	18
402	-20	-21	Max	38.57	0.00	18	0.00	18	0.00	18	-1705.29	18	-1143.75	18	51.28	18
402	-20	-21	Min.	0.00	0.00	18	0.00	18	0.00	18	-2290.75	18	-373.24	18	51.28	18
402	-20	-21	Min.	38.57	0.00	18	0.00	18	0.00	18	-1705.29	18	-1143.75	18	51.28	18
402	-19	-20	Max	0.00	0.00	18	0.00	18	0.00	18	-2880.80	18	623.93	18	51.28	18
402	-19	-20	Max	38.57	0.00	18	0.00	18	0.00	18	-2290.76	18	-373.25	18	51.28	18
402	-19	-20	Min.	0.00	0.00	18	0.00	18	0.00	18	-2880.80	18	623.93	18	51.28	18
402	-19	-20	Min.	38.57	0.00	18	0.00	18	0.00	18	-2290.76	18	-373.25	18	51.28	18
402	7	-19	Max	25.00	0.00	18	0.00	18	0.00	18	-3089.39	18	1029.01	18	51.28	18
402	7	-19	Max	38.57	0.00	18	0.00	18	0.00	18	-2880.70	18	623.95	18	51.28	18
402	7	-19	Min.	25.00	0.00	18	0.00	18	0.00	18	-3089.39	18	1029.01	18	51.28	18
402	7	-19	Min.	38.57	0.00	18	0.00	18	0.00	18	-2880.70	18	623.95	18	51.28	18
402	-37	7	Max	0.00	0.00	18	0.00	18	0.00	18	2192.91	18	1718.60	18	400.76	18
402	-37	7	Max	34.71	0.00	18	0.00	18	0.00	18	2730.77	18	2573.15	18	400.76	18
402	-37	7	Min.	0.00	0.00	18	0.00	18	0.00	18	2192.91	18	1718.60	18	400.76	18
402	-37	7	Min.	34.71	0.00	18	0.00	18	0.00	18	2730.77	18	2573.15	18	400.76	18
402	-36	-37	Max	0.00	0.00	18	0.00	18	0.00	18	1654.51	18	1050.71	18	400.76	18
402	-36	-37	Max	34.71	0.00	18	0.00	18	0.00	18	2192.91	18	1718.60	18	400.76	18
402	-36	-37	Min.	0.00	0.00	18	0.00	18	0.00	18	1654.51	18	1050.71	18	400.76	18
402	-36	-37	Min.	34.71	0.00	18	0.00	18	0.00	18	2192.91	18	1718.60	18	400.76	18
402	-35	-36	Max	0.00	0.00	18	0.00	18	0.00	18	1117.74	18	569.65	18	400.76	18
402	-35	-36	Max	34.71	0.00	18	0.00	18	0.00	18	1654.49	18	1050.71	18	400.76	18
402	-35	-36	Min.	0.00	0.00	18	0.00	18	0.00	18	1117.74	18	569.65	18	400.76	18
402	-35	-36	Min.	34.71	0.00	18	0.00	18	0.00	18	1654.49	18	1050.71	18	400.76	18
402	-34	-35	Max	0.00	0.00	18	0.00	18	0.00	18	583.45	18	274.41	18	400.76	18
402	-34	-35	Max	34.71	0.00	18	0.00	18	0.00	18	1117.76	18	569.66	18	400.76	18
402	-34	-35	Min.	0.00	0.00	18	0.00	18	0.00	18	583.45	18	274.41	18	400.76	18
402	-34	-35	Min.	34.71	0.00	18	0.00	18	0.00	18	1117.76	18	569.66	18	400.76	18
402	-33	-34	Max	0.00	0.00	18	0.00	18	0.00	18	52.47	18	164.15	18	400.76	18
402	-33	-34	Max	34.71	0.00	18	0.00	18	0.00	18	583.44	18	274.41	18	400.76	18
402	-33	-34	Min.	0.00	0.00	18	0.00	18	0.00	18	52.47	18	164.15	18	400.76	18
402	-33	-34	Min.	34.71	0.00	18	0.00	18	0.00	18	583.44	18	274.41	18	400.76	18
402	-32	-33	Max	0.00	0.00	18	0.00	18	0.00	18	-475.19	18	237.64	18	400.76	18
402	-32	-33	Max	31.27									163.25	18		
402	-32	-33	Max	34.71	0.00	18	0.00	18	0.00	18	52.47	18	164.15	18	400.76	18
402	-32	-33	Min.	0.00	0.00	18	0.00	18	0.00	18	-475.19	18	237.64	18	400.76	18
402	-32	-33	Min.	31.27									163.25	18		
402	-32	-33	Min.	34.71	0.00	18	0.00	18	0.00	18	52.47	18	164.15	18	400.76	18
402	32	-32	Max	0.00	0.00	18	0.00	18	0.00	18	-998.94	18	493.59	18	400.76	18
402	32	-32	Max	34.71	0.00	18	0.00	18	0.00	18	-475.19	18	237.64	18	400.76	18
402	32	-32	Min.	0.00	0.00	18	0.00	18	0.00	18	-998.94	18	493.59	18	400.76	18
402	32	-32	Min.	34.71	0.00	18	0.00	18	0.00	18	-475.19	18	237.64	18	400.76	18
405	5	-69	Max	25.00	0.00	18	0.00	18	0.00	18	-999.87	18	260.85	18	9.11	18
405	5	-69	Max	29.69	0.00	18	0.00	18	0.00	18	-972.38	18	214.62	18	9.11	18
405	5	-69	Min.	25.00	0.00	18	0.00	18	0.00	18	-999.87	18	260.85	18	9.11	18
405	5	-69	Min.	29.69	0.00	18	0.00	18	0.00	18	-972.38	18	214.62	18	9.11	18
405	-69	-70	Max	0.00	0.00	18	0.00	18	0.00	18	-972.24	18	214.63	18	9.11	18
405	-69	-70	Max	29.69	0.00	18	0.00	18	0.00	18	-803.31	18	-48.70	18	9.11	18
405	-69	-70	Min.	0.00	0.00	18	0.00	18	0.00	18	-972.24	18	214.63	18	9.11	18
405	-69	-70	Min.	29.69	0.00	18	0.00	18	0.00	18	-803.31	18	-48.70	18	9.11	18
405	-70	-71	Max	0.00	0.00	18	0.00	18	0.00	18	-803.31	18	-48.70	18	9.11	18
405	-70	-71	Max	29.69	0.00	18	0.00	18	0.00	18	-643.36	18	-263.23	18	9.11	18
405	-70	-71	Min.	0.00	0.00	18	0.00	18	0.00	18	-803.31	18	-48.70	18	9.11	18
405	-70	-71	Min.	29.69	0.00	18	0.00	18	0.00	18	-643.36	18	-263.23	18	9.11	18
405	-71	-72	Max	0.00	0.00	18	0.00	18	0.00	18	-643.36	18	-263.23	18	9.11	18
405	-71	-72	Max	29.69	0.00	18	0.00	18	0.00	18	-491.81	18	-431.53	18	9.11	18
405	-71	-72	Min.	0.00	0.00	18	0.00	18	0.00	18	-643.36	18	-263.23	18	9.11	18
405	-71	-72	Min.	29.69	0.00	18	0.00	18	0.00	18	-491.81	18	-431.53	18	9.11	18
405	-72	-73	Max	0.00	0.00	18	0.00	18	0.00	18	-491.81	18	-431.53	18	9.11	18
405	-72	-73	Max	29.69	0.00	18	0.00	18	0.00	18	-347.36	18	-555.94	18	9.11	18
405	-72	-73	Min.	0.00	0.00	18	0.00	18	0.00	18	-491.81	18	-431.53	18	9.11	18
405	-72	-73	Min.	29.69	0.00	18	0.00	18	0.00	18	-347.36	18	-555.94	18	9.11	18
405	-73	-74	Max	0.00	0.00	18	0.00	18	0.00	18	-347.36	18	-555.94	18	9.11	18
405	-73	-74	Max	29.69	0.00	18	0.00	18	0.00	18	-208.21	18	-638.30	18	9.11	18
405	-73	-74	Min.	0.00	0.00	18	0.00	18	0.00	18	-347.36	18	-555.94	18	9.11	18
405	-73	-74	Min.	29.69	0.00	18	0.00	18	0.00	18	-208.21	18	-638.30	18	9.11	18
405	-74	-75	Max	0.00	0.00	18	0.00	18	0.00	18	-208.21	18	-638.30	18	9.11	18
405	-74	-75	Max	29.69	0.00	18	0.00	18	0.00	18	-72.13	18	-679.87	18	9.11	18
405	-74	-75	Min.	0.00	0.00	18	0.00	18	0.00	18	-208.21	18	-638.30	18	9.11	18
405	-74	-75	Min.	29.69	0.00	18	0.00	18	0.00	18	-72.13	18	-679.87	18	9.11	18
405	-75	-76	Max	0.00	0.00	18	0.00	18	0.00	18	-72.13	18	-679.87	18	9.11	18
405	-75	-76	Max	15.83									-685.58	18		
405	-75	-76	Max	29.69	0.00	18	0.00	18	0.00	18	63.30	18	-681.20	18	9.11	18
405	-75	-76	Min.	0.00	0.00	18	0.00	18	0.00	18	-72.13	18	-679.87	18	9.11	18
405	-75	-76	Min.	15.83									-685.58	18		
405	-75	-76	Min.	29.69	0.00	18	0.00	18	0.00	18	63.30	18	-681.20	18	9.11	18
405	-76	-77	Max	0.00	0.00	18	0.00	18	0.00	18	63.30	18	-681.20	18	9.11	18
405	-76	-77	Max	29.69	0.00	18	0.00	18	0.00	18	200.62	18	-642.10	18	9.11	18

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405	-76	-77	Min.	0.00	0.00	18	0.00	18	0.00	18	63.30	18	-681.20	18	9.11	18
405	-76	-77	Min.	29.69	0.00	18	0.00	18	0.00	18	200.62	18	-642.10	18	9.11	18
405	-77	-78	Max	0.00	0.00	18	0.00	18	0.00	18	200.62	18	-642.10	18	9.11	18
405	-77	-78	Max	29.69	0.00	18	0.00	18	0.00	18	342.25	18	-561.65	18	9.11	18
405	-77	-78	Min.	0.00	0.00	18	0.00	18	0.00	18	200.62	18	-642.10	18	9.11	18
405	-77	-78	Min.	29.69	0.00	18	0.00	18	0.00	18	342.25	18	-561.65	18	9.11	18
405	-78	-79	Max	0.00	0.00	18	0.00	18	0.00	18	342.25	18	-561.65	18	9.11	18
405	-78	-79	Max	29.69	0.00	18	0.00	18	0.00	18	490.43	18	-438.24	18	9.11	18
405	-78	-79	Min.	0.00	0.00	18	0.00	18	0.00	18	342.25	18	-561.65	18	9.11	18
405	-78	-79	Min.	29.69	0.00	18	0.00	18	0.00	18	490.43	18	-438.24	18	9.11	18
405	-79	-80	Max	0.00	0.00	18	0.00	18	0.00	18	490.43	18	-438.24	18	9.11	18
405	-79	-80	Max	29.69	0.00	18	0.00	18	0.00	18	647.00	18	-269.63	18	9.11	18
405	-79	-80	Min.	0.00	0.00	18	0.00	18	0.00	18	490.43	18	-438.24	18	9.11	18
405	-79	-80	Min.	29.69	0.00	18	0.00	18	0.00	18	647.00	18	-269.63	18	9.11	18
405	-80	-81	Max	0.00	0.00	18	0.00	18	0.00	18	647.01	18	-269.63	18	9.11	18
405	-80	-81	Max	29.69	0.00	18	0.00	18	0.00	18	813.29	18	-53.12	18	9.11	18
405	-80	-81	Min.	0.00	0.00	18	0.00	18	0.00	18	647.01	18	-269.63	18	9.11	18
405	-80	-81	Min.	29.69	0.00	18	0.00	18	0.00	18	813.29	18	-53.12	18	9.11	18
405	-81	-82	Max	0.00	0.00	18	0.00	18	0.00	18	813.29	18	-53.12	18	9.11	18
405	-81	-82	Max	29.69	0.00	18	0.00	18	0.00	18	989.87	18	214.28	18	9.11	18
405	-81	-82	Min.	0.00	0.00	18	0.00	18	0.00	18	813.29	18	-53.12	18	9.11	18
405	-81	-82	Min.	29.69	0.00	18	0.00	18	0.00	18	989.87	18	214.28	18	9.11	18
405	-82	-83	Max	0.00	0.00	18	0.00	18	0.00	18	989.88	18	214.28	18	9.11	18
405	-82	-83	Max	29.69	0.00	18	0.00	18	0.00	18	1176.47	18	535.62	18	9.11	18
405	-82	-83	Min.	0.00	0.00	18	0.00	18	0.00	18	989.88	18	214.28	18	9.11	18
405	-82	-83	Min.	29.69	0.00	18	0.00	18	0.00	18	1176.47	18	535.62	18	9.11	18
405	-83	6	Max	0.00	0.00	18	0.00	18	0.00	18	1176.33	18	535.62	18	9.11	18
405	-83	6	Max	4.69	0.00	18	0.00	18	0.00	18	1206.62	18	591.46	18	9.11	18
405	-83	6	Min.	0.00	0.00	18	0.00	18	0.00	18	1176.33	18	535.62	18	9.11	18
405	-83	6	Min.	4.69	0.00	18	0.00	18	0.00	18	1206.62	18	591.46	18	9.11	18
406	8	-84	Max	25.00	0.00	18	0.00	18	0.00	18	-914.59	18	243.16	18	-20.22	18
406	8	-84	Max	29.69	0.00	18	0.00	18	0.00	18	-889.35	18	200.88	18	-20.22	18
406	8	-84	Min.	25.00	0.00	18	0.00	18	0.00	18	-914.59	18	243.16	18	-20.22	18
406	8	-84	Min.	29.69	0.00	18	0.00	18	0.00	18	-889.35	18	200.88	18	-20.22	18
406	-84	-85	Max	0.00	0.00	18	0.00	18	0.00	18	-889.44	18	200.88	18	-20.22	18
406	-84	-85	Max	29.69	0.00	18	0.00	18	0.00	18	-734.68	18	-39.98	18	-20.22	18
406	-84	-85	Min.	0.00	0.00	18	0.00	18	0.00	18	-889.44	18	200.88	18	-20.22	18
406	-84	-85	Min.	29.69	0.00	18	0.00	18	0.00	18	-734.68	18	-39.98	18	-20.22	18
406	-85	-86	Max	0.00	0.00	18	0.00	18	0.00	18	-734.68	18	-39.98	18	-20.22	18
406	-85	-86	Max	29.69	0.00	18	0.00	18	0.00	18	-588.76	18	-236.22	18	-20.22	18
406	-85	-86	Min.	0.00	0.00	18	0.00	18	0.00	18	-734.68	18	-39.98	18	-20.22	18
406	-85	-86	Min.	29.69	0.00	18	0.00	18	0.00	18	-588.76	18	-236.22	18	-20.22	18
406	-86	-87	Max	0.00	0.00	18	0.00	18	0.00	18	-588.76	18	-236.22	18	-20.22	18
406	-86	-87	Max	29.69	0.00	18	0.00	18	0.00	18	-451.16	18	-390.38	18	-20.22	18
406	-86	-87	Min.	0.00	0.00	18	0.00	18	0.00	18	-588.76	18	-236.22	18	-20.22	18
406	-86	-87	Min.	29.69	0.00	18	0.00	18	0.00	18	-451.16	18	-390.38	18	-20.22	18
406	-87	-88	Max	0.00	0.00	18	0.00	18	0.00	18	-451.16	18	-390.38	18	-20.22	18
406	-87	-88	Max	29.69	0.00	18	0.00	18	0.00	18	-320.73	18	-504.80	18	-20.22	18
406	-87	-88	Min.	0.00	0.00	18	0.00	18	0.00	18	-451.16	18	-390.38	18	-20.22	18
406	-87	-88	Min.	29.69	0.00	18	0.00	18	0.00	18	-320.73	18	-504.80	18	-20.22	18
406	-88	-89	Max	0.00	0.00	18	0.00	18	0.00	18	-320.73	18	-504.80	18	-20.22	18
406	-88	-89	Max	29.69	0.00	18	0.00	18	0.00	18	-195.81	18	-581.36	18	-20.22	18
406	-88	-89	Min.	0.00	0.00	18	0.00	18	0.00	18	-320.73	18	-504.80	18	-20.22	18
406	-88	-89	Min.	29.69	0.00	18	0.00	18	0.00	18	-195.81	18	-581.36	18	-20.22	18
406	-89	-90	Max	0.00	0.00	18	0.00	18	0.00	18	-195.81	18	-581.36	18	-20.22	18
406	-89	-90	Max	29.69	0.00	18	0.00	18	0.00	18	-74.40	18	-621.41	18	-20.22	18
406	-89	-90	Min.	0.00	0.00	18	0.00	18	0.00	18	-195.81	18	-581.36	18	-20.22	18
406	-89	-90	Min.	29.69	0.00	18	0.00	18	0.00	18	-74.40	18	-621.41	18	-20.22	18
406	-90	-91	Max	0.00	0.00	18	0.00	18	0.00	18	-74.40	18	-621.41	18	-20.22	18
406	-90	-91	Max	18.39									-628.25	18		
406	-90	-91	Max	29.69	0.00	18	0.00	18	0.00	18	45.73	18	-625.67	18	-20.22	18
406	-90	-91	Min.	0.00	0.00	18	0.00	18	0.00	18	-74.40	18	-621.41	18	-20.22	18
406	-90	-91	Min.	18.39									-628.25	18		
406	-90	-91	Min.	29.69	0.00	18	0.00	18	0.00	18	45.73	18	-625.67	18	-20.22	18
406	-91	-92	Max	0.00	0.00	18	0.00	18	0.00	18	45.73	18	-625.67	18	-20.22	18
406	-91	-92	Max	29.69	0.00	18	0.00	18	0.00	18	166.89	18	-594.16	18	-20.22	18
406	-91	-92	Min.	0.00	0.00	18	0.00	18	0.00	18	45.73	18	-625.67	18	-20.22	18
406	-91	-92	Min.	29.69	0.00	18	0.00	18	0.00	18	166.89	18	-594.16	18	-20.22	18
406	-92	-93	Max	0.00	0.00	18	0.00	18	0.00	18	166.89	18	-594.16	18	-20.22	18
406	-92	-93	Max	29.69	0.00	18	0.00	18	0.00	18	291.32	18	-526.25	18	-20.22	18
406	-92	-93	Min.	0.00	0.00	18	0.00	18	0.00	18	166.89	18	-594.16	18	-20.22	18
406	-92	-93	Min.	29.69	0.00	18	0.00	18	0.00	18	291.32	18	-526.25	18	-20.22	18
406	-93	-94	Max	0.00	0.00	18	0.00	18	0.00	18	291.32	18	-526.25	18	-20.22	18
406	-93	-94	Max	29.69	0.00	18	0.00	18	0.00	18	421.11	18	-420.66	18	-20.22	18
406	-93	-94	Min.	0.00	0.00	18	0.00	18	0.00	18	291.32	18	-526.25	18	-20.22	18
406	-93	-94	Min.	29.69	0.00	18	0.00	18	0.00	18	421.11	18	-420.66	18	-20.22	18
406	-94	-95	Max	0.00	0.00	18	0.00	18	0.00	18	421.11	18	-420.66	18	-20.22	18
406	-94	-95	Max	29.69	0.00	18	0.00	18	0.00	18	558.00	18	-275.52	18	-20.22	18
406	-94	-95	Min.	0.00	0.00	18	0.00	18	0.00	18	421.11	18	-420.66	18	-20.22	18

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406	-94	-95	Min.	29.69	0.00	18	0.00	18	0.00	18	558.00	18	-275.52	18	-20.22	18
406	-95	-96	Max	0.00	0.00	18	0.00	18	0.00	18	558.00	18	-275.52	18	-20.22	18
406	-95	-96	Max	29.69	0.00	18	0.00	18	0.00	18	703.29	18	-88.51	18	-20.22	18
406	-95	-96	Min.	0.00	0.00	18	0.00	18	0.00	18	558.00	18	-275.52	18	-20.22	18
406	-95	-96	Min.	29.69	0.00	18	0.00	18	0.00	18	703.29	18	-88.51	18	-20.22	18
406	-96	-97	Max	0.00	0.00	18	0.00	18	0.00	18	703.29	18	-88.51	18	-20.22	18
406	-96	-97	Max	29.69	0.00	18	0.00	18	0.00	18	857.63	18	142.96	18	-20.22	18
406	-96	-97	Min.	0.00	0.00	18	0.00	18	0.00	18	703.29	18	-88.51	18	-20.22	18
406	-96	-97	Min.	29.69	0.00	18	0.00	18	0.00	18	857.63	18	142.96	18	-20.22	18
406	-97	-98	Max	0.00	0.00	18	0.00	18	0.00	18	857.63	18	142.96	18	-20.22	18
406	-97	-98	Max	29.69	0.00	18	0.00	18	0.00	18	1020.94	18	421.60	18	-20.22	18
406	-97	-98	Min.	0.00	0.00	18	0.00	18	0.00	18	857.63	18	142.96	18	-20.22	18
406	-97	-98	Min.	29.69	0.00	18	0.00	18	0.00	18	1020.94	18	421.60	18	-20.22	18
406	-98	7	Max	0.00	0.00	18	0.00	18	0.00	18	1020.95	18	421.60	18	-20.22	18
406	-98	7	Max	4.69	0.00	18	0.00	18	0.00	18	1047.49	18	470.07	18	-20.22	18
406	-98	7	Min.	0.00	0.00	18	0.00	18	0.00	18	1020.95	18	421.60	18	-20.22	18
406	-98	7	Min.	4.69	0.00	18	0.00	18	0.00	18	1047.49	18	470.07	18	-20.22	18
602	102	56	Max	0.00	0.00	18	-13.61	18	13.22	18	215.09	18	-86.02	18	-100.28	18
602	102	56	Max	41.00	0.00	18	-10.03	18	8.38	18	112.65	18	-18.83	18	-100.28	18
602	102	56	Min.	0.00	0.00	18	-13.61	18	13.22	18	215.09	18	-86.02	18	-100.28	18
602	102	56	Min.	41.00	0.00	18	-10.03	18	8.38	18	112.65	18	-18.83	18	-100.28	18
602	-322	102	Max	0.00	0.00	18	136.81	18	66.59	18	-1965.41	18	-35.77	18	-64.49	18
602	-322	102	Max	31.62	0.00	18	151.06	18	112.11	18	-2373.35	18	-721.84	18	-64.49	18
602	-322	102	Min.	0.00	0.00	18	136.81	18	66.59	18	-1965.41	18	-35.77	18	-64.49	18
602	-322	102	Min.	31.62	0.00	18	151.06	18	112.11	18	-2373.35	18	-721.84	18	-64.49	18
602	-323	-322	Max	0.00	0.00	18	40.48	18	-57.58	18	-195.95	18	324.70	18	42.92	18
602	-323	-322	Max	56.62	0.00	18	65.99	18	-27.44	18	-926.38	18	6.94	18	42.92	18
602	-323	-322	Min.	0.00	0.00	18	40.48	18	-57.58	18	-195.95	18	324.70	18	42.92	18
602	-323	-322	Min.	56.62	0.00	18	65.99	18	-27.44	18	-926.38	18	6.94	18	42.92	18
602	-324	-323	Max	0.00	0.00	18	12.20	18	-129.40	18	102.18	18	606.03	18	32.58	18
602	-324	-323	Max	7.92					-128.29	18			610.07	18		
602	-324	-323	Max	56.62	0.00	18	37.71	18	-115.27	18	-628.24	18	457.08	18	32.58	18
602	-324	-323	Min.	0.00	0.00	18	12.20	18	-129.40	18	102.18	18	606.03	18	32.58	18
602	-324	-323	Min.	7.92					-128.29	18			610.07	18		
602	-324	-323	Min.	56.62	0.00	18	37.71	18	-115.27	18	-628.24	18	457.08	18	32.58	18
602	-325	-324	Max	0.00	0.00	18	-12.55	18	-150.42	18	363.02	18	660.61	18	-9.08	18
602	-325	-324	Max	28.14					-152.17	18			711.69	18		
602	-325	-324	Max	56.62	0.00	18	12.96	18	-150.31	18	-367.40	18	659.37	18	-9.08	18
602	-325	-324	Min.	0.00	0.00	18	-12.55	18	-150.42	18	363.02	18	660.61	18	-9.08	18
602	-325	-324	Min.	28.14					-152.17	18			711.69	18		
602	-325	-324	Min.	56.62	0.00	18	12.96	18	-150.31	18	-367.40	18	659.37	18	-9.08	18
602	-326	-325	Max	0.00	0.00	18	-36.98	18	-121.45	18	620.55	18	486.64	18	-54.19	18
602	-326	-325	Max	48.11					-134.03	18			635.91	18		
602	-326	-325	Max	56.62	0.00	18	-11.47	18	-135.17	18	-109.88	18	631.23	18	-54.19	18
602	-326	-325	Min.	0.00	0.00	18	-36.98	18	-121.45	18	620.55	18	486.64	18	-54.19	18
602	-326	-325	Min.	48.11					-134.03	18			635.91	18		
602	-326	-325	Min.	56.62	0.00	18	-11.47	18	-135.17	18	-109.88	18	631.23	18	-54.19	18
602	-327	-326	Max	0.00	0.00	18	-60.47	18	-44.30	18	868.18	18	93.52	18	-100.29	18
602	-327	-326	Max	56.62	0.00	18	-34.96	18	-71.32	18	137.75	18	378.33	18	-100.29	18
602	-327	-326	Min.	0.00	0.00	18	-60.47	18	-44.30	18	868.18	18	93.52	18	-100.29	18
602	-327	-326	Min.	56.62	0.00	18	-34.96	18	-71.32	18	137.75	18	378.33	18	-100.29	18
602	-328	-327	Max	0.00	0.00	18	-91.03	18	89.27	18	1190.34	18	-570.03	18	-100.58	18
602	-328	-327	Max	56.62	0.00	18	-65.52	18	44.94	18	459.92	18	-102.80	18	-100.58	18
602	-328	-327	Min.	0.00	0.00	18	-91.03	18	89.27	18	1190.34	18	-570.03	18	-100.58	18
602	-328	-327	Min.	56.62	0.00	18	-65.52	18	44.94	18	459.92	18	-102.80	18	-100.58	18
602	103	-328	Max	25.00	0.00	18	-251.14	18	271.25	18	3892.37	18	-1592.16	18	68.37	18
602	103	-328	Max	56.62	0.00	18	-236.90	18	194.08	18	3484.43	18	-425.70	18	68.37	18
602	103	-328	Min.	25.00	0.00	18	-251.14	18	271.25	18	3892.37	18	-1592.16	18	68.37	18
602	103	-328	Min.	56.62	0.00	18	-236.90	18	194.08	18	3484.43	18	-425.70	18	68.37	18
602	-451	103	Max	0.00	0.00	18	101.98	18	206.12	18	-687.48	18	-798.67	18	-26.48	18
602	-451	103	Max	64.38	0.00	18	130.98	18	281.10	18	-1517.88	18	-1508.52	18	-26.48	18
602	-451	103	Min.	0.00	0.00	18	101.98	18	206.12	18	-687.48	18	-798.67	18	-26.48	18
602	-451	103	Min.	64.38	0.00	18	130.98	18	281.10	18	-1517.88	18	-1508.52	18	-26.48	18
602	-452	-451	Max	0.00	0.00	18	46.38	18	9.57	18	-161.12	18	14.47	18	99.49	18
602	-452	-451	Max	64.38	0.00	18	75.38	18	48.76	18	-991.51	18	-356.53	18	99.49	18
602	-452	-451	Min.	0.00	0.00	18	46.38	18	9.57	18	-161.12	18	14.47	18	99.49	18
602	-452	-451	Min.	64.38	0.00	18	75.38	18	48.76	18	-991.51	18	-356.53	18	99.49	18
602	-453	-452	Max	0.00	0.00	18	20.51	18	-99.36	18	83.82	18	472.86	18	53.37	18
602	-453	-452	Max	6.50					-97.93	18			475.58	18		
602	-453	-452	Max	64.38	0.00	18	49.50	18	-76.82	18	-746.58	18	259.53	18	53.37	18
602	-453	-452	Min.	0.00	0.00	18	20.51	18	-99.36	18	83.82	18	472.86	18	53.37	18
602	-453	-452	Min.	6.50					-97.93	18			475.58	18		
602	-453	-452	Min.	64.38	0.00	18	49.50	18	-76.82	18	-746.58	18	259.53	18	53.37	18
602	-454	-453	Max	0.00	0.00	18	-6.41	18	-147.90	18	338.60	18	652.93	18	-3.51	18
602	-454	-453	Max	26.12					-148.03	18			697.37	18		
602	-454	-453	Max	64.38	0.00	18	22.59	18	-142.69	18	-491.80	18	603.62	18	-3.51	18
602	-454	-453	Min.	0.00	0.00	18	-6.41	18	-147.90	18	338.60	18	652.93	18	-3.51	18
602	-454	-453	Min.	26.12					-148.03	18			697.37	18		
602	-454	-453	Min.	64.38	0.00	18	22.59	18	-142.69	18	-491.80	18	603.62	18	-3.51	18

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602	-455	-454	Max	0.00	0.00	18	-32.07	18	-133.47	18	581.50	18	546.48	18	-63.09	18
602	-455	-454	Max	45.08					-143.35	18			677.55	18		
602	-455	-454	Max	64.38	0.00	18	-3.07	18	-144.78	18	-248.89	18	653.54	18	-63.09	18
602	-455	-454	Min.	0.00	0.00	18	-32.07	18	-133.47	18	581.50	18	546.48	18	-63.09	18
602	-455	-454	Min.	45.08					-143.35	18			677.55	18		
602	-455	-454	Min.	64.38	0.00	18	-3.07	18	-144.78	18	-248.89	18	653.54	18	-63.09	18
602	-456	-455	Max	0.00	0.00	18	-57.19	18	-58.40	18	819.30	18	163.03	18	-130.07	18
602	-456	-455	Max	63.41					-85.60	18			423.22	18		
602	-456	-455	Max	64.38	0.00	18	-28.19	18	-85.88	18	-11.10	18	423.17	18	-130.07	18
602	-456	-455	Min.	0.00	0.00	18	-57.19	18	-58.40	18	819.30	18	163.03	18	-130.07	18
602	-456	-455	Min.	63.41					-85.60	18			423.22	18		
602	-456	-455	Min.	64.38	0.00	18	-28.19	18	-85.88	18	-11.10	18	423.17	18	-130.07	18
602	-457	-456	Max	0.00	0.00	18	-83.12	18	75.16	18	1064.76	18	-489.66	18	-174.35	18
602	-457	-456	Max	64.38	0.00	18	-54.12	18	30.99	18	234.37	18	-71.50	18	-174.35	18
602	-457	-456	Min.	0.00	0.00	18	-83.12	18	75.16	18	1064.76	18	-489.66	18	-174.35	18
602	-457	-456	Min.	64.38	0.00	18	-54.12	18	30.99	18	234.37	18	-71.50	18	-174.35	18
602	106	-457	Max	12.50	0.00	18	-235.31	18	324.86	18	2764.81	18	-1858.49	18	-1.40	18
602	106	-457	Max	64.38	0.00	18	-211.94	18	208.86	18	2095.66	18	-597.80	18	-1.40	18
602	106	-457	Min.	12.50	0.00	18	-235.31	18	324.86	18	2764.81	18	-1858.49	18	-1.40	18
602	106	-457	Min.	64.38	0.00	18	-211.94	18	208.86	18	2095.66	18	-597.80	18	-1.40	18
602	-467	106	Max	0.00	0.00	18	233.59	18	216.93	18	-2194.34	18	-611.02	18	-18.72	18
602	-467	106	Max	55.00	0.00	18	258.36	18	352.21	18	-2903.81	18	-2013.02	18	-18.72	18
602	-467	106	Min.	0.00	0.00	18	233.59	18	216.93	18	-2194.34	18	-611.02	18	-18.72	18
602	-467	106	Min.	55.00	0.00	18	258.36	18	352.21	18	-2903.81	18	-2013.02	18	-18.72	18
602	-468	-467	Max	0.00	0.00	18	57.74	18	6.20	18	-229.03	18	41.90	18	187.20	18
602	-468	-467	Max	67.50	0.00	18	88.15	18	55.43	18	-1099.73	18	-406.56	18	187.20	18
602	-468	-467	Min.	0.00	0.00	18	57.74	18	6.20	18	-229.03	18	41.90	18	187.20	18
602	-468	-467	Min.	67.50	0.00	18	88.15	18	55.43	18	-1099.73	18	-406.56	18	187.20	18
602	-469	-468	Max	0.00	0.00	18	30.17	18	-129.68	18	22.14	18	622.32	18	148.66	18
602	-469	-468	Max	1.73					-129.15	18			622.51	18		
602	-469	-468	Max	67.50	0.00	18	60.57	18	-99.05	18	-848.56	18	343.40	18	148.66	18
602	-469	-468	Min.	0.00	0.00	18	30.17	18	-129.68	18	22.14	18	622.32	18	148.66	18
602	-469	-468	Min.	1.73					-129.15	18			622.51	18		
602	-469	-468	Min.	67.50	0.00	18	60.57	18	-99.05	18	-848.56	18	343.40	18	148.66	18
602	-470	-469	Max	0.00	0.00	18	4.90	18	-202.41	18	252.26	18	916.95	18	80.01	18
602	-470	-469	Max	19.56					-200.59	18			941.61	18		
602	-470	-469	Max	67.50	0.00	18	35.31	18	-188.84	18	-618.44	18	793.36	18	80.01	18
602	-470	-469	Min.	0.00	0.00	18	4.90	18	-202.41	18	252.26	18	916.95	18	80.01	18
602	-470	-469	Min.	19.56					-200.59	18			941.61	18		
602	-470	-469	Min.	67.50	0.00	18	35.31	18	-188.84	18	-618.44	18	793.36	18	80.01	18
602	-471	-470	Max	0.00	0.00	18	-18.81	18	-212.38	18	468.25	18	926.40	18	11.17	18
602	-471	-470	Max	36.30					-216.24	18			1011.39	18		
602	-471	-470	Max	67.50	0.00	18	11.59	18	-214.81	18	-402.46	18	948.61	18	11.17	18
602	-471	-470	Min.	0.00	0.00	18	-18.81	18	-212.38	18	468.25	18	926.40	18	11.17	18
602	-471	-470	Min.	36.30					-216.24	18			1011.39	18		
602	-471	-470	Min.	67.50	0.00	18	11.59	18	-214.81	18	-402.46	18	948.61	18	11.17	18
602	-472	-471	Max	0.00	0.00	18	-41.34	18	-162.99	18	673.43	18	665.72	18	-59.99	18
602	-472	-471	Max	52.21					-178.44	18			841.50	18		
602	-472	-471	Max	67.50	0.00	18	-10.94	18	-180.63	18	-197.27	18	826.42	18	-59.99	18
602	-472	-471	Min.	0.00	0.00	18	-41.34	18	-162.99	18	673.43	18	665.72	18	-59.99	18
602	-472	-471	Min.	52.21					-178.44	18			841.50	18		
602	-472	-471	Min.	67.50	0.00	18	-10.94	18	-180.63	18	-197.27	18	826.42	18	-59.99	18
602	-473	-472	Max	0.00	0.00	18	-65.62	18	-55.17	18	894.58	18	134.63	18	-86.27	18
602	-473	-472	Max	67.50	0.00	18	-35.22	18	-89.21	18	23.87	18	444.60	18	-86.27	18
602	-473	-472	Min.	0.00	0.00	18	-65.62	18	-55.17	18	894.58	18	134.63	18	-86.27	18
602	-473	-472	Min.	67.50	0.00	18	-35.22	18	-89.21	18	23.87	18	444.60	18	-86.27	18
602	107	-473	Max	25.00	0.00	18	-207.95	18	153.52	18	2685.89	18	-999.13	18	127.97	18
602	107	-473	Max	67.50	0.00	18	-188.80	18	69.21	18	2137.67	18	25.88	18	127.97	18
602	107	-473	Min.	25.00	0.00	18	-207.95	18	153.52	18	2685.89	18	-999.13	18	127.97	18
602	107	-473	Min.	67.50	0.00	18	-188.80	18	69.21	18	2137.67	18	25.88	18	127.97	18
602	61	107	Max	0.00	0.00	18	14.63	18	10.74	18	-171.25	18	-21.16	18	61.65	18
602	61	107	Max	42.00	0.00	18	18.29	18	17.65	18	-276.18	18	-115.12	18	61.65	18
602	61	107	Min.	0.00	0.00	18	14.63	18	10.74	18	-171.25	18	-21.16	18	61.65	18
602	61	107	Min.	42.00	0.00	18	18.29	18	17.65	18	-276.18	18	-115.12	18	61.65	18
603	101	54	Max	0.00	-1158.05	18	-367.96	18	77.09	18	26.16	18	-7.39	18	-2.42	18
603	101	54	Max	17.45					12.88	18			-5.11	18		
603	101	54	Max	42.00	-1160.30	18	-367.96	18	-77.46	18	-36.80	18	-9.63	18	-2.42	18
603	101	54	Min.	0.00	-1158.05	18	-367.96	18	77.09	18	26.16	18	-7.39	18	-2.42	18
603	101	54	Min.	17.45					12.88	18			-5.11	18		
603	101	54	Min.	42.00	-1160.30	18	-367.96	18	-77.46	18	-36.80	18	-9.63	18	-2.42	18
603	-344	101	Max	0.00	-1947.75	18	-571.06	18	110.69	18	-296.48	18	12.14	18	-24.59	18
603	-344	101	Max	34.43	-1949.59	18	-571.06	18	-85.92	18	-348.09	18	-98.82	18	-24.59	18
603	-344	101	Min.	0.00	-1947.75	18	-571.06	18	110.69	18	-296.48	18	12.14	18	-24.59	18
603	-344	101	Min.	34.43	-1949.59	18	-571.06	18	-85.92	18	-348.09	18	-98.82	18	-24.59	18
603	-345	-344	Max	0.00	-1203.93	18	-246.32	18	73.87	18	-41.28	18	88.27	18	9.07	18
603	-345	-344	Max	59.41	-1207.12	18	-246.32	18	-72.48	18	-130.34	18	37.29	18	9.07	18
603	-345	-344	Min.	0.00	-1203.93	18	-246.32	18	73.87	18	-41.28	18	88.27	18	9.07	18
603	-345	-344	Min.	59.41	-1207.12	18	-246.32	18	-72.48	18	-130.34	18	37.29	18	9.07	18
603	-346	-345	Max	0.00	-552.29	18	-258.50	18	78.12	18	-15.59	18	147.26	18	17.35	18

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603	-346	-345	Max	59.41	-555.48	18	-258.50	18	-75.47	18	-104.66	18	111.54	18	17.35	18
603	-346	-345	Min.	0.00	-552.29	18	-258.50	18	78.12	18	-15.59	18	147.26	18	17.35	18
603	-346	-345	Min.	59.41	-555.48	18	-258.50	18	-75.47	18	-104.66	18	111.54	18	17.35	18
603	-347	-346	Max	0.00	380.51	18	-278.42	18	84.69	18	7.54	18	162.25	18	25.88	18
603	-347	-346	Max	5.03					70.69	18			162.44	18		
603	-347	-346	Max	59.41	377.32	18	-278.42	18	-80.73	18	-81.53	18	140.27	18	25.88	18
603	-347	-346	Min.	0.00	380.51	18	-278.42	18	84.69	18	7.54	18	162.25	18	25.88	18
603	-347	-346	Min.	5.03					70.69	18			162.44	18		
603	-347	-346	Min.	59.41	377.32	18	-278.42	18	-80.73	18	-81.53	18	140.27	18	25.88	18
603	-348	-347	Max	0.00	1310.43	18	-306.75	18	93.84	18	29.07	18	133.29	18	35.57	18
603	-348	-347	Max	19.39					34.35	18			136.11	18		
603	-348	-347	Max	59.41	1307.24	18	-306.75	18	-88.41	18	-59.99	18	124.11	18	35.57	18
603	-348	-347	Min.	0.00	1310.43	18	-306.75	18	93.84	18	29.07	18	133.29	18	35.57	18
603	-348	-347	Min.	19.39					34.35	18			136.11	18		
603	-348	-347	Min.	59.41	1307.24	18	-306.75	18	-88.41	18	-59.99	18	124.11	18	35.57	18
603	-349	-348	Max	0.00	1947.06	18	-343.99	18	105.64	18	53.68	18	56.19	18	45.23	18
603	-349	-348	Max	35.65					-16.98	18			65.80	18		
603	-349	-348	Max	59.41	1943.87	18	-343.99	18	-98.73	18	-35.38	18	61.63	18	45.23	18
603	-349	-348	Min.	0.00	1947.06	18	-343.99	18	105.64	18	53.68	18	56.19	18	45.23	18
603	-349	-348	Min.	35.65					-16.98	18			65.80	18		
603	-349	-348	Min.	59.41	1943.87	18	-343.99	18	-98.73	18	-35.38	18	61.63	18	45.23	18
603	-350	-349	Max	0.00	1972.14	18	-393.30	18	121.55	18	87.42	18	-76.95	18	61.74	18
603	-350	-349	Max	58.22					-107.45	18			-51.46	18		
603	-350	-349	Max	59.41	1968.96	18	-393.30	18	-112.12	18	-1.64	18	-51.47	18	61.74	18
603	-350	-349	Min.	0.00	1972.14	18	-393.30	18	121.55	18	87.42	18	-76.95	18	61.74	18
603	-350	-349	Min.	58.22					-107.45	18			-51.46	18		
603	-350	-349	Min.	59.41	1968.96	18	-393.30	18	-112.12	18	-1.64	18	-51.47	18	61.74	18
603	102	-350	Max	24.98	1664.02	18	-1096.50	18	173.03	18	775.28	18	-385.58	18	152.86	18
603	102	-350	Max	59.41	1662.17	18	-1096.50	18	-204.48	18	723.67	18	-127.54	18	152.86	18
603	102	-350	Min.	24.98	1664.02	18	-1096.50	18	173.03	18	775.28	18	-385.58	18	152.86	18
603	102	-350	Min.	59.41	1662.17	18	-1096.50	18	-204.48	18	723.67	18	-127.54	18	152.86	18
603	47	102	Max	0.00	824.48	18	-1444.97	18	244.65	18	-334.73	18	16.21	18	80.32	18
603	47	102	Max	28.02	822.97	18	-1444.97	18	-160.17	18	-376.73	18	-83.46	18	80.32	18
603	47	102	Min.	0.00	824.48	18	-1444.97	18	244.65	18	-334.73	18	16.21	18	80.32	18
603	47	102	Min.	28.02	822.97	18	-1444.97	18	-160.17	18	-376.73	18	-83.46	18	80.32	18
604	104	52	Max	0.00	-585.99	18	-15.83	18	-14.08	18	124.75	18	-39.15	18	-227.97	18
604	104	52	Max	42.00	-588.25	18	-15.83	18	-20.73	18	61.79	18	0.03	18	-227.97	18
604	104	52	Min.	0.00	-585.99	18	-15.83	18	-14.08	18	124.75	18	-39.15	18	-227.97	18
604	104	52	Min.	42.00	-588.25	18	-15.83	18	-20.73	18	61.79	18	0.03	18	-227.97	18
604	103	104	Max	24.98	360.36	18	2.13	18	-4.53	18	356.78	18	-285.30	18	-0.06	18
604	103	104	Max	262.99					0.54	18			139.28	18		
604	103	104	Max	450.32	337.54	18	2.13	18	4.53	18	-280.82	18	-123.74	18	-0.06	18
604	103	104	Min.	24.98	360.36	18	2.13	18	-4.53	18	356.78	18	-285.30	18	-0.06	18
604	103	104	Min.	262.99					0.54	18			139.28	18		
604	103	104	Min.	450.32	337.54	18	2.13	18	4.53	18	-280.82	18	-123.74	18	-0.06	18
604	-4	103	Max	0.00	-213.48	18	63.14	18	-1.49	18	-594.02	18	35.56	18	153.44	18
604	-4	103	Max	36.86	-215.46	18	63.14	18	21.78	18	-649.27	18	-193.57	18	153.44	18
604	-4	103	Min.	0.00	-213.48	18	63.14	18	-1.49	18	-594.02	18	35.56	18	153.44	18
604	-4	103	Min.	36.86	-215.46	18	63.14	18	21.78	18	-649.27	18	-193.57	18	153.44	18
605	49	105	Max	0.00	-343.69	18	-251.19	18	54.11	18	-162.48	18	12.80	18	-17.81	18
605	49	105	Max	42.00	-341.43	18	-251.19	18	-51.39	18	-225.44	18	-68.66	18	-17.81	18
605	49	105	Min.	0.00	-343.69	18	-251.19	18	54.11	18	-162.48	18	12.80	18	-17.81	18
605	49	105	Min.	42.00	-341.43	18	-251.19	18	-51.39	18	-225.44	18	-68.66	18	-17.81	18
605	105	106	Max	24.98	-377.48	18	-6.53	18	13.34	18	305.16	18	-195.85	18	7.07	18
605	105	106	Max	228.56					0.05	18			114.77	18		
605	105	106	Max	450.32	-354.66	18	-6.53	18	-14.42	18	-332.43	18	-253.84	18	7.07	18
605	105	106	Min.	24.98	-377.48	18	-6.53	18	13.34	18	305.16	18	-195.85	18	7.07	18
605	105	106	Min.	228.56					0.05	18			114.77	18		
605	105	106	Min.	450.32	-354.66	18	-6.53	18	-14.42	18	-332.43	18	-253.84	18	7.07	18
605	106	-3	Max	0.00	-1061.15	18	-183.22	18	63.68	18	184.07	18	-141.29	18	28.89	18
605	106	-3	Max	71.92	-1057.29	18	-183.22	18	-68.09	18	76.27	18	-47.68	18	28.89	18
605	106	-3	Min.	0.00	-1061.15	18	-183.22	18	63.68	18	184.07	18	-141.29	18	28.89	18
605	106	-3	Min.	71.92	-1057.29	18	-183.22	18	-68.09	18	76.27	18	-47.68	18	28.89	18
606	51	108	Max	0.00	-1265.21	18	1554.29	18	-331.93	18	-100.96	18	-6.25	18	72.48	18
606	51	108	Max	42.00	-1262.96	18	1554.29	18	320.87	18	-163.92	18	-61.87	18	72.48	18
606	51	108	Min.	0.00	-1265.21	18	1554.29	18	-331.93	18	-100.96	18	-6.25	18	72.48	18
606	51	108	Min.	42.00	-1262.96	18	1554.29	18	320.87	18	-163.92	18	-61.87	18	72.48	18
606	108	-429	Max	24.98	-2353.88	18	2333.88	18	-356.76	18	233.45	18	-145.14	18	174.25	18
606	108	-429	Max	59.41	-2352.03	18	2333.88	18	446.77	18	181.84	18	-73.65	18	174.25	18
606	108	-429	Min.	24.98	-2353.88	18	2333.88	18	-356.76	18	233.45	18	-145.14	18	174.25	18
606	108	-429	Min.	59.41	-2352.03	18	2333.88	18	446.77	18	181.84	18	-73.65	18	174.25	18
606	-429	-428	Max	0.00	-1757.33	18	923.19	18	-280.26	18	27.25	18	27.87	18	78.68	18
606	-429	-428	Max	18.18					-112.44	18			30.35	18		
606	-429	-428	Max	59.41	-1754.14	18	923.19	18	268.24	18	-61.81	18	17.60	18	78.68	18
606	-429	-428	Min.	0.00	-1757.33	18	923.19	18	-280.26	18	27.25	18	27.87	18	78.68	18
606	-429	-428	Min.	18.18					-112.44	18			30.35	18		
606	-429	-428	Min.	59.41	-1754.14	18	923.19	18	268.24	18	-61.81	18	17.60	18	78.68	18
606	-428	-427	Max	0.00	-1308.29	18	866.04	18	-260.73	18	25.68	18	114.63	18	45.33	18
606	-428	-427	Max	17.13					-112.39	18			116.83	18		

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606	-428	-427	Max	59.41	-1305.10	18	866.04	18	253.81	18	-63.39	18	103.43	18	45.33	18
606	-428	-427	Min.	0.00	-1308.29	18	866.04	18	-260.73	18	25.68	18	114.63	18	45.33	18
606	-428	-427	Min.	17.13					-112.39	18			116.83	18		
606	-428	-427	Min.	59.41	-1305.10	18	866.04	18	253.81	18	-63.39	18	103.43	18	45.33	18
606	-427	-426	Max	0.00	-472.46	18	837.83	18	-250.10	18	32.54	18	148.65	18	15.89	18
606	-427	-426	Max	21.71					-68.25	18			152.18	18		
606	-427	-426	Max	59.41	-469.28	18	837.83	18	247.68	18	-56.53	18	141.52	18	15.89	18
606	-427	-426	Min.	0.00	-472.46	18	837.83	18	-250.10	18	32.54	18	148.65	18	15.89	18
606	-427	-426	Min.	21.71					-68.25	18			152.18	18		
606	-427	-426	Min.	59.41	-469.28	18	837.83	18	247.68	18	-56.53	18	141.52	18	15.89	18
606	-426	-425	Max	0.00	451.15	18	836.66	18	-247.52	18	39.34	18	138.09	18	-13.36	18
606	-426	-425	Max	26.24					-27.98	18			143.25	18		
606	-426	-425	Max	59.41	454.34	18	836.66	18	249.56	18	-49.73	18	135.00	18	-13.36	18
606	-426	-425	Min.	0.00	451.15	18	836.66	18	-247.52	18	39.34	18	138.09	18	-13.36	18
606	-426	-425	Min.	26.24					-27.98	18			143.25	18		
606	-426	-425	Min.	59.41	454.34	18	836.66	18	249.56	18	-49.73	18	135.00	18	-13.36	18
606	-425	-424	Max	0.00	1176.64	18	862.37	18	-252.94	18	44.96	18	82.69	18	-42.41	18
606	-425	-424	Max	29.99					5.71	18			89.43	18		
606	-425	-424	Max	59.41	1179.83	18	862.37	18	259.42	18	-44.10	18	82.95	18	-42.41	18
606	-425	-424	Min.	0.00	1176.64	18	862.37	18	-252.94	18	44.96	18	82.69	18	-42.41	18
606	-425	-424	Min.	29.99					5.71	18			89.43	18		
606	-425	-424	Min.	59.41	1179.83	18	862.37	18	259.42	18	-44.10	18	82.95	18	-42.41	18
606	-424	-423	Max	0.00	1389.77	18	917.44	18	-266.65	18	35.21	18	-23.30	18	-77.08	18
606	-424	-423	Max	23.39					-52.06	18			-19.17	18		
606	-424	-423	Max	59.41	1392.96	18	917.44	18	278.43	18	-53.85	18	-28.84	18	-77.08	18
606	-424	-423	Min.	0.00	1389.77	18	917.44	18	-266.65	18	35.21	18	-23.30	18	-77.08	18
606	-424	-423	Min.	23.39					-52.06	18			-19.17	18		
606	-424	-423	Min.	59.41	1392.96	18	917.44	18	278.43	18	-53.85	18	-28.84	18	-77.08	18
606	-423	107	Max	0.00	1249.32	18	2322.16	18	-444.21	18	-398.47	18	-113.80	18	-177.49	18
606	-423	107	Max	34.43	1251.17	18	2322.16	18	355.29	18	-450.08	18	-259.87	18	-177.49	18
606	-423	107	Min.	0.00	1249.32	18	2322.16	18	-444.21	18	-398.47	18	-113.80	18	-177.49	18
606	-423	107	Min.	34.43	1251.17	18	2322.16	18	355.29	18	-450.08	18	-259.87	18	-177.49	18
606	107	-2	Max	0.00	-9.35	18	715.03	18	-288.97	18	152.06	18	-143.13	18	-78.88	18
606	107	-2	Max	82.51	-4.92	18	715.03	18	301.02	18	28.37	18	-68.68	18	-78.88	18
606	107	-2	Min.	0.00	-9.35	18	715.03	18	-288.97	18	152.06	18	-143.13	18	-78.88	18
606	107	-2	Min.	82.51	-4.92	18	715.03	18	301.02	18	28.37	18	-68.68	18	-78.88	18
607	109	53	Max	0.00	-1125.47	18	-849.94	18	175.46	18	151.57	18	-60.11	18	-39.70	18
607	109	53	Max	42.00	-1127.73	18	-849.94	18	-181.52	18	88.62	18	-9.67	18	-39.70	18
607	109	53	Min.	0.00	-1125.47	18	-849.94	18	175.46	18	151.57	18	-60.11	18	-39.70	18
607	109	53	Min.	42.00	-1127.73	18	-849.94	18	-181.52	18	88.62	18	-9.67	18	-39.70	18
607	-416	109	Max	0.00	-2084.63	18	-1270.66	18	242.29	18	-218.35	18	-34.87	18	-107.36	18
607	-416	109	Max	34.43	-2086.48	18	-1270.66	18	-195.19	18	-269.96	18	-118.93	18	-107.36	18
607	-416	109	Min.	0.00	-2084.63	18	-1270.66	18	242.29	18	-218.35	18	-34.87	18	-107.36	18
607	-416	109	Min.	34.43	-2086.48	18	-1270.66	18	-195.19	18	-269.96	18	-118.93	18	-107.36	18
607	-417	-416	Max	0.00	-1434.71	18	-496.35	18	143.98	18	25.20	18	47.92	18	-45.38	18
607	-417	-416	Max	16.81					60.55	18			50.04	18		
607	-417	-416	Max	59.41	-1437.89	18	-496.35	18	-150.91	18	-63.86	18	36.44	18	-45.38	18
607	-417	-416	Min.	0.00	-1434.71	18	-496.35	18	143.98	18	25.20	18	47.92	18	-45.38	18
607	-417	-416	Min.	16.81					60.55	18			50.04	18		
607	-417	-416	Min.	59.41	-1437.89	18	-496.35	18	-150.91	18	-63.86	18	36.44	18	-45.38	18
607	-418	-417	Max	0.00	-885.48	18	-462.56	18	135.28	18	44.30	18	118.81	18	-27.93	18
607	-418	-417	Max	29.55					-1.42	18			125.36	18		
607	-418	-417	Max	59.41	-888.67	18	-462.56	18	-139.54	18	-44.76	18	118.67	18	-27.93	18
607	-418	-417	Min.	0.00	-885.48	18	-462.56	18	135.28	18	44.30	18	118.81	18	-27.93	18
607	-418	-417	Min.	29.55					-1.42	18			125.36	18		
607	-418	-417	Min.	59.41	-888.67	18	-462.56	18	-139.54	18	-44.76	18	118.67	18	-27.93	18
607	-419	-418	Max	0.00	-2.75	18	-443.80	18	130.86	18	57.93	18	143.46	18	-12.80	18
607	-419	-418	Max	38.65					-40.66	18			154.66	18		
607	-419	-418	Max	59.41	-5.94	18	-443.80	18	-132.81	18	-31.13	18	151.43	18	-12.80	18
607	-419	-418	Min.	0.00	-2.75	18	-443.80	18	130.86	18	57.93	18	143.46	18	-12.80	18
607	-419	-418	Min.	38.65					-40.66	18			154.66	18		
607	-419	-418	Min.	59.41	-5.94	18	-443.80	18	-132.81	18	-31.13	18	151.43	18	-12.80	18
607	-420	-419	Max	0.00	921.15	18	-438.92	18	130.56	18	71.80	18	123.52	18	2.22	18
607	-420	-419	Max	47.91					-79.71	18			140.71	18		
607	-420	-419	Max	59.41	917.96	18	-438.92	18	-130.22	18	-17.26	18	139.72	18	2.22	18
607	-420	-419	Min.	0.00	921.15	18	-438.92	18	130.56	18	71.80	18	123.52	18	2.22	18
607	-420	-419	Min.	47.91					-79.71	18			140.71	18		
607	-420	-419	Min.	59.41	917.96	18	-438.92	18	-130.22	18	-17.26	18	139.72	18	2.22	18
607	-421	-420	Max	0.00	1597.29	18	-447.50	18	134.19	18	89.08	18	56.09	18	16.39	18
607	-421	-420	Max	59.41	1594.10	18	-447.50	18	-131.68	18	0.01	18	82.56	18	16.39	18
607	-421	-420	Min.	0.00	1597.29	18	-447.50	18	134.19	18	89.08	18	56.09	18	16.39	18
607	-421	-420	Min.	59.41	1594.10	18	-447.50	18	-131.68	18	0.01	18	82.56	18	16.39	18
607	-422	-421	Max	0.00	1708.83	18	-471.35	18	142.72	18	118.94	18	-69.12	18	35.37	18
607	-422	-421	Max	59.41	1705.64	18	-471.35	18	-137.32	18	29.88	18	-24.91	18	35.37	18
607	-422	-421	Min.	0.00	1708.83	18	-471.35	18	142.72	18	118.94	18	-69.12	18	35.37	18
607	-422	-421	Min.	59.41	1705.64	18	-471.35	18	-137.32	18	29.88	18	-24.91	18	35.37	18
607	110	-422	Max	24.98	1472.73	18	-1210.42	18	186.89	18	712.32	18	-339.46	18	114.72	18
607	110	-422	Max	59.41	1470.89	18	-1210.42	18	-229.85	18	660.71	18	-103.10	18	114.72	18
607	110	-422	Min.	24.98	1472.73	18	-1210.42	18	186.89	18	712.32	18	-339.46	18	114.72	18

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607	110	-422	Min.	59.41	1470.89	18	-1210.42	18	-229.85	18	660.71	18	-103.10	18	114.72	18
607	-489	110	Max	0.00	166.18	18	-791.61	18	178.21	18	-266.31	18	-60.35	18	56.78	18
607	-489	110	Max	43.93	163.83	18	-791.61	18	-169.54	18	-332.16	18	-191.80	18	56.78	18
607	-489	110	Min.	0.00	166.18	18	-791.61	18	178.21	18	-266.31	18	-60.35	18	56.78	18
607	-489	110	Min.	43.93	163.83	18	-791.61	18	-169.54	18	-332.16	18	-191.80	18	56.78	18
607	-5	-489	Max	0.00	-82.56	18	-822.28	18	181.28	18	-22.71	18	0.39	18	8.85	18
607	-5	-489	Max	43.93	-84.92	18	-822.28	18	-179.93	18	-88.56	18	-24.05	18	8.85	18
607	-5	-489	Min.	0.00	-82.56	18	-822.28	18	181.28	18	-22.71	18	0.39	18	8.85	18
607	-5	-489	Min.	43.93	-84.92	18	-822.28	18	-179.93	18	-88.56	18	-24.05	18	8.85	18
608	50	112	Max	0.00	-856.12	18	810.02	18	-172.81	18	-107.65	18	-12.67	18	35.49	18
608	50	112	Max	42.00	-853.86	18	810.02	18	167.39	18	-170.61	18	-71.10	18	35.49	18
608	50	112	Min.	0.00	-856.12	18	810.02	18	-172.81	18	-107.65	18	-12.67	18	35.49	18
608	50	112	Min.	42.00	-853.86	18	810.02	18	167.39	18	-170.61	18	-71.10	18	35.49	18
608	112	-443	Max	24.98	-1603.00	18	1226.47	18	-186.02	18	191.61	18	-66.37	18	72.38	18
608	112	-443	Max	59.41	-1601.16	18	1226.47	18	236.25	18	140.00	18	-9.29	18	72.38	18
608	112	-443	Min.	24.98	-1603.00	18	1226.47	18	-186.02	18	191.61	18	-66.37	18	72.38	18
608	112	-443	Min.	59.41	-1601.16	18	1226.47	18	236.25	18	140.00	18	-9.29	18	72.38	18
608	-443	-442	Max	0.00	-980.17	18	493.43	18	-149.66	18	77.59	18	44.47	18	40.37	18
608	-443	-442	Max	51.76					105.74	18			64.55	18		
608	-443	-442	Max	59.41	-976.99	18	493.43	18	143.50	18	-11.47	18	64.11	18	40.37	18
608	-443	-442	Min.	0.00	-980.17	18	493.43	18	-149.66	18	77.59	18	44.47	18	40.37	18
608	-443	-442	Min.	51.76					105.74	18			64.55	18		
608	-443	-442	Min.	59.41	-976.99	18	493.43	18	143.50	18	-11.47	18	64.11	18	40.37	18
608	-442	-441	Max	0.00	-403.02	18	463.71	18	-139.59	18	53.62	18	112.06	18	24.14	18
608	-442	-441	Max	35.65					25.71	18			121.65	18		
608	-442	-441	Max	59.41	-399.83	18	463.71	18	135.91	18	-35.44	18	117.46	18	24.14	18
608	-442	-441	Min.	0.00	-403.02	18	463.71	18	-139.59	18	53.62	18	112.06	18	24.14	18
608	-442	-441	Min.	35.65					25.71	18			121.65	18		
608	-442	-441	Min.	59.41	-399.83	18	463.71	18	135.91	18	-35.44	18	117.46	18	24.14	18
608	-441	-440	Max	0.00	422.26	18	448.39	18	-133.90	18	29.51	18	136.53	18	9.09	18
608	-441	-440	Max	19.69					-45.62	18			139.44	18		
608	-441	-440	Max	59.41	425.45	18	448.39	18	132.51	18	-59.55	18	127.61	18	9.09	18
608	-441	-440	Min.	0.00	422.26	18	448.39	18	-133.90	18	29.51	18	136.53	18	9.09	18
608	-441	-440	Min.	19.69					-45.62	18			139.44	18		
608	-441	-440	Min.	59.41	425.45	18	448.39	18	132.51	18	-59.55	18	127.61	18	9.09	18
608	-440	-439	Max	0.00	1225.50	18	446.97	18	-132.32	18	8.14	18	119.00	18	-6.01	18
608	-440	-439	Max	5.43					-108.06	18			119.23	18		
608	-440	-439	Max	59.41	1228.68	18	446.97	18	133.24	18	-80.93	18	97.38	18	-6.01	18
608	-440	-439	Min.	0.00	1225.50	18	446.97	18	-132.32	18	8.14	18	119.00	18	-6.01	18
608	-440	-439	Min.	5.43					-108.06	18			119.23	18		
608	-440	-439	Min.	59.41	1228.68	18	446.97	18	133.24	18	-80.93	18	97.38	18	-6.01	18
608	-439	-438	Max	0.00	1736.21	18	459.03	18	-134.82	18	-28.11	18	60.03	18	-20.16	18
608	-439	-438	Max	59.41	1739.40	18	459.03	18	137.90	18	-117.17	18	16.87	18	-20.16	18
608	-439	-438	Min.	0.00	1736.21	18	459.03	18	-134.82	18	-28.11	18	60.03	18	-20.16	18
608	-439	-438	Min.	59.41	1739.40	18	459.03	18	137.90	18	-117.17	18	16.87	18	-20.16	18
608	-438	-437	Max	0.00	1635.97	18	485.40	18	-141.37	18	-50.37	18	-53.37	18	-37.06	18
608	-438	-437	Max	59.41	1639.16	18	485.40	18	147.03	18	-139.43	18	-109.75	18	-37.06	18
608	-438	-437	Min.	0.00	1635.97	18	485.40	18	-141.37	18	-50.37	18	-53.37	18	-37.06	18
608	-438	-437	Min.	59.41	1639.16	18	485.40	18	147.03	18	-139.43	18	-109.75	18	-37.06	18
608	-437	111	Max	0.00	1124.54	18	1221.33	18	-233.87	18	-601.87	18	-126.17	18	-90.22	18
608	-437	111	Max	34.43	1126.39	18	1221.33	18	186.62	18	-653.48	18	-342.28	18	-90.22	18
608	-437	111	Min.	0.00	1124.54	18	1221.33	18	-233.87	18	-601.87	18	-126.17	18	-90.22	18
608	-437	111	Min.	34.43	1126.39	18	1221.33	18	186.62	18	-653.48	18	-342.28	18	-90.22	18
608	111	-495	Max	0.00	-90.25	18	726.98	18	-170.07	18	301.37	18	-187.50	18	-33.87	18
608	111	-495	Max	47.50	-87.70	18	726.98	18	175.25	18	230.16	18	-61.26	18	-33.87	18
608	111	-495	Min.	0.00	-90.25	18	726.98	18	-170.07	18	301.37	18	-187.50	18	-33.87	18
608	111	-495	Min.	47.50	-87.70	18	726.98	18	175.25	18	230.16	18	-61.26	18	-33.87	18
608	-495	48	Max	0.00	-349.29	18	736.26	18	-175.94	18	67.06	18	-17.55	18	14.04	18
608	-495	48	Max	44.73					153.43	18			-2.55	18		
608	-495	48	Max	47.50	-346.74	18	736.26	18	173.79	18	-4.15	18	-2.60	18	14.04	18
608	-495	48	Min.	0.00	-349.29	18	736.26	18	-175.94	18	67.06	18	-17.55	18	14.04	18
608	-495	48	Min.	44.73					153.43	18			-2.55	18		
608	-495	48	Min.	47.50	-346.74	18	736.26	18	173.79	18	-4.15	18	-2.60	18	14.04	18
609	57	101	Max	0.00	0.00	18	-6.57	18	-5.63	18	-64.63	18	-12.85	18	30.21	18
609	57	101	Max	41.00	0.00	18	-10.15	18	-9.06	18	-167.07	18	-60.35	18	30.21	18
609	57	101	Min.	0.00	0.00	18	-6.57	18	-5.63	18	-64.63	18	-12.85	18	30.21	18
609	57	101	Min.	41.00	0.00	18	-10.15	18	-9.06	18	-167.07	18	-60.35	18	30.21	18
609	101	-364	Max	50.00	0.00	18	140.57	18	-133.49	18	3320.27	18	-565.07	18	232.52	18
609	101	-364	Max	56.62	0.00	18	137.59	18	-124.28	18	3234.81	18	-347.93	18	232.52	18
609	101	-364	Min.	50.00	0.00	18	140.57	18	-133.49	18	3320.27	18	-565.07	18	232.52	18
609	101	-364	Min.	56.62	0.00	18	137.59	18	-124.28	18	3234.81	18	-347.93	18	232.52	18
609	-364	-363	Max	0.00	0.00	18	82.80	18	-39.37	18	1103.56	18	-327.54	18	12.93	18
609	-364	-363	Max	56.62	0.00	18	57.29	18	0.29	18	373.14	18	90.55	18	12.93	18
609	-364	-363	Min.	0.00	0.00	18	82.80	18	-39.37	18	1103.56	18	-327.54	18	12.93	18
609	-364	-363	Min.	56.62	0.00	18	57.29	18	0.29	18	373.14	18	90.55	18	12.93	18
609	-363	-362	Max	0.00	0.00	18	44.62	18	72.06	18	701.14	18	247.46	18	-16.55	18
609	-363	-362	Max	54.35					89.66	18			438.01	18		
609	-363	-362	Max	56.62	0.00	18	19.11	18	90.11	18	-29.29	18	437.68	18	-16.55	18
609	-363	-362	Min.	0.00	0.00	18	44.62	18	72.06	18	701.14	18	247.46	18	-16.55	18

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609	-363	-362	Min.	54.35					89.66	18			438.01	18		
609	-363	-362	Min.	56.62	0.00	18	19.11	18	90.11	18	-29.29	18	437.68	18	-16.55	18
609	-362	-361	Max	0.00	0.00	18	17.92	18	120.31	18	419.69	18	513.59	18	16.56	18
609	-362	-361	Max	32.54					123.76	18			581.86	18		
609	-362	-361	Max	56.62	0.00	18	-7.59	18	123.24	18	-310.73	18	544.44	18	16.56	18
609	-362	-361	Min.	0.00	0.00	18	17.92	18	120.31	18	419.69	18	513.59	18	16.56	18
609	-362	-361	Min.	39.79					123.88	18			578.47	18		
609	-362	-361	Min.	56.62	0.00	18	-7.59	18	123.24	18	-310.73	18	544.44	18	16.56	18
609	-361	-360	Max	0.00	0.00	18	-11.63	18	113.74	18	108.22	18	533.34	18	47.51	18
609	-361	-360	Max	8.39					112.61	18			537.88	18		
609	-361	-360	Max	56.62	0.00	18	-37.13	18	99.94	18	-622.21	18	387.81	18	47.51	18
609	-361	-360	Min.	0.00	0.00	18	-11.63	18	113.74	18	108.22	18	533.34	18	47.51	18
609	-361	-360	Min.	8.39					112.61	18			537.88	18		
609	-361	-360	Min.	56.62	0.00	18	-37.13	18	99.94	18	-622.21	18	387.81	18	47.51	18
609	-360	-359	Max	0.00	0.00	18	-37.55	18	52.23	18	-165.05	18	295.23	18	81.55	18
609	-360	-359	Max	56.62	0.00	18	-63.06	18	23.75	18	-895.48	18	-5.03	18	81.55	18
609	-360	-359	Min.	0.00	0.00	18	-37.55	18	52.23	18	-165.05	18	295.23	18	81.55	18
609	-360	-359	Min.	56.62	0.00	18	-63.06	18	23.75	18	-895.48	18	-5.03	18	81.55	18
609	-359	-358	Max	0.00	0.00	18	-85.13	18	-72.52	18	-666.64	18	-196.08	18	38.81	18
609	-359	-358	Max	56.62	0.00	18	-110.64	18	-127.95	18	-1397.07	18	-780.36	18	38.81	18
609	-359	-358	Min.	0.00	0.00	18	-85.13	18	-72.52	18	-666.64	18	-196.08	18	38.81	18
609	-359	-358	Min.	56.62	0.00	18	-110.64	18	-127.95	18	-1397.07	18	-780.36	18	38.81	18
609	-358	104	Max	0.00	0.00	18	-178.21	18	-221.51	18	-4195.40	18	-729.04	18	-185.05	18
609	-358	104	Max	6.62	0.00	18	-181.20	18	-233.41	18	-4280.86	18	-1009.82	18	-185.05	18
609	-358	104	Min.	0.00	0.00	18	-178.21	18	-221.51	18	-4195.40	18	-729.04	18	-185.05	18
609	-358	104	Min.	6.62	0.00	18	-181.20	18	-233.41	18	-4280.86	18	-1009.82	18	-185.05	18
609	104	-380	Max	0.00	0.00	18	156.23	18	-308.88	18	1866.66	18	-1685.34	18	10.86	18
609	104	-380	Max	57.22	0.00	18	130.45	18	-226.85	18	1128.53	18	-828.38	18	10.86	18
609	104	-380	Min.	0.00	0.00	18	156.23	18	-308.88	18	1866.66	18	-1685.34	18	10.86	18
609	104	-380	Min.	57.22	0.00	18	130.45	18	-226.85	18	1128.53	18	-828.38	18	10.86	18
609	-380	-379	Max	0.00	0.00	18	89.62	18	-72.00	18	1170.76	18	-488.22	18	-80.48	18
609	-380	-379	Max	57.22	0.00	18	63.85	18	-28.09	18	432.64	18	-29.47	18	-80.48	18
609	-380	-379	Min.	0.00	0.00	18	89.62	18	-72.00	18	1170.76	18	-488.22	18	-80.48	18
609	-380	-379	Min.	57.22	0.00	18	63.85	18	-28.09	18	432.64	18	-29.47	18	-80.48	18
609	-379	-378	Max	0.00	0.00	18	65.83	18	64.15	18	922.14	18	175.50	18	-47.30	18
609	-379	-378	Max	57.22	0.00	18	40.05	18	94.44	18	184.01	18	491.98	18	-47.30	18
609	-379	-378	Min.	0.00	0.00	18	65.83	18	64.15	18	922.14	18	175.50	18	-47.30	18
609	-379	-378	Min.	57.22	0.00	18	40.05	18	94.44	18	184.01	18	491.98	18	-47.30	18
609	-378	-377	Max	0.00	0.00	18	36.02	18	150.69	18	610.77	18	622.03	18	-14.86	18
609	-378	-377	Max	47.35					162.69	18			766.62	18		
609	-378	-377	Max	57.22	0.00	18	10.25	18	163.93	18	-127.36	18	760.34	18	-14.86	18
609	-378	-377	Min.	0.00	0.00	18	36.02	18	150.69	18	610.77	18	622.03	18	-14.86	18
609	-378	-377	Min.	47.35					162.69	18			766.62	18		
609	-378	-377	Min.	57.22	0.00	18	10.25	18	163.93	18	-127.36	18	760.34	18	-14.86	18
609	-377	-376	Max	0.00	0.00	18	7.58	18	178.32	18	313.58	18	796.36	18	15.59	18
609	-377	-376	Max	24.31					178.83	18			834.48	18		
609	-377	-376	Max	57.22	0.00	18	-18.20	18	175.28	18	-424.55	18	764.61	18	15.59	18
609	-377	-376	Min.	0.00	0.00	18	7.58	18	178.32	18	313.58	18	796.36	18	15.59	18
609	-377	-376	Min.	16.82					178.95	18			830.86	18		
609	-377	-376	Min.	57.22	0.00	18	-18.20	18	175.28	18	-424.55	18	764.61	18	15.59	18
609	-376	-375	Max	0.00	0.00	18	-21.06	18	149.51	18	14.37	18	712.46	18	46.95	18
609	-376	-375	Max	1.14					149.27	18			712.54	18		
609	-376	-375	Max	57.22	0.00	18	-46.84	18	130.09	18	-723.76	18	509.50	18	46.95	18
609	-376	-375	Min.	0.00	0.00	18	-21.06	18	149.51	18	14.37	18	712.46	18	46.95	18
609	-376	-375	Min.	1.14					149.27	18			712.54	18		
609	-376	-375	Min.	57.22	0.00	18	-46.84	18	130.09	18	-723.76	18	509.50	18	46.95	18
609	-375	-374	Max	0.00	0.00	18	-50.44	18	63.08	18	-292.51	18	365.72	18	80.73	18
609	-375	-374	Max	57.22	0.00	18	-76.21	18	26.84	18	-1030.64	18	-12.85	18	80.73	18
609	-375	-374	Min.	0.00	0.00	18	-50.44	18	63.08	18	-292.51	18	365.72	18	80.73	18
609	-375	-374	Min.	57.22	0.00	18	-76.21	18	26.84	18	-1030.64	18	-12.85	18	80.73	18
609	-374	-373	Max	0.00	0.00	18	-80.23	18	-79.71	18	-603.79	18	-238.51	18	98.73	18
609	-374	-373	Max	57.22	0.00	18	-106.00	18	-133.00	18	-1341.92	18	-795.21	18	98.73	18
609	-374	-373	Min.	0.00	0.00	18	-80.23	18	-79.71	18	-603.79	18	-238.51	18	98.73	18
609	-374	-373	Min.	57.22	0.00	18	-106.00	18	-133.00	18	-1341.92	18	-795.21	18	98.73	18
609	-373	105	Max	0.00	0.00	18	-229.68	18	-276.67	18	-2654.20	18	-849.17	18	-44.00	18
609	-373	105	Max	44.72	0.00	18	-249.82	18	-383.89	18	-3231.08	18	-2165.19	18	-44.00	18
609	-373	105	Min.	0.00	0.00	18	-229.68	18	-276.67	18	-2654.20	18	-849.17	18	-44.00	18
609	-373	105	Min.	44.72	0.00	18	-249.82	18	-383.89	18	-3231.08	18	-2165.19	18	-44.00	18
609	105	-396	Max	12.50	0.00	18	274.88	18	-411.62	18	3394.35	18	-2327.58	18	34.89	18
609	105	-396	Max	60.00	0.00	18	253.48	18	-286.13	18	2781.64	18	-860.78	18	34.89	18
609	105	-396	Min.	12.50	0.00	18	274.88	18	-411.62	18	3394.35	18	-2327.58	18	34.89	18
609	105	-396	Min.	60.00	0.00	18	253.48	18	-286.13	18	2781.64	18	-860.78	18	34.89	18
609	-396	-395	Max	0.00	0.00	18	114.58	18	-124.04	18	1401.45	18	-766.25	18	-122.36	18
609	-396	-395	Max	60.00	0.00	18	87.55	18	-63.40	18	627.49	18	-157.57	18	-122.36	18
609	-396	-395	Min.	0.00	0.00	18	114.58	18	-124.04	18	1401.45	18	-766.25	18	-122.36	18
609	-396	-395	Min.	60.00	0.00	18	87.55	18	-63.40	18	627.49	18	-157.57	18	-122.36	18
609	-395	-394	Max	0.00	0.00	18	85.12	18	57.66	18	1105.70	18	114.48	18	-100.15	18
609	-395	-394	Max	60.00	0.00	18	58.09	18	100.62	18	331.74	18	545.71	18	-100.15	18
609	-395	-394	Min.	0.00	0.00	18	85.12	18	57.66	18	1105.70	18	114.48	18	-100.15	18

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609	-395	-394	Min.	60.00	0.00	18	58.09	18	100.62	18	331.74	18	545.71	18	-100.15	18
609	-394	-393	Max	0.00	0.00	18	54.52	18	179.82	18	798.61	18	724.29	18	-65.45	18
609	-394	-393	Max	60.00	0.00	18	27.50	18	204.43	18	24.65	18	971.27	18	-65.45	18
609	-394	-393	Min.	0.00	0.00	18	54.52	18	179.82	18	798.61	18	724.29	18	-65.45	18
609	-394	-393	Min.	60.00	0.00	18	27.50	18	204.43	18	24.65	18	971.27	18	-65.45	18
609	-393	-392	Max	0.00	0.00	18	25.31	18	239.05	18	505.43	18	1043.44	18	-34.11	18
609	-393	-392	Max	39.18					245.51	18			1142.46	18		
609	-393	-392	Max	60.00	0.00	18	-1.71	18	246.13	18	-268.53	18	1114.51	18	-34.11	18
609	-393	-392	Min.	0.00	0.00	18	25.31	18	239.05	18	505.43	18	1043.44	18	-34.11	18
609	-393	-392	Min.	56.20					246.16	18			1123.79	18		
609	-393	-392	Min.	60.00	0.00	18	-1.71	18	246.13	18	-268.53	18	1114.51	18	-34.11	18
609	-392	-391	Max	0.00	0.00	18	-3.65	18	237.86	18	214.69	18	1085.42	18	-3.80	18
609	-392	-391	Max	16.64					236.63	18			1103.29	18		
609	-392	-391	Max	60.00	0.00	18	-30.68	18	227.56	18	-559.26	18	982.05	18	-3.80	18
609	-392	-391	Min.	0.00	0.00	18	-3.65	18	237.86	18	214.69	18	1085.42	18	-3.80	18
609	-392	-391	Min.	16.64					236.63	18			1103.29	18		
609	-392	-391	Min.	60.00	0.00	18	-30.68	18	227.56	18	-559.26	18	982.05	18	-3.80	18
609	-391	-390	Max	0.00	0.00	18	-32.89	18	175.63	18	-78.83	18	848.14	18	28.94	18
609	-391	-390	Max	60.00	0.00	18	-59.92	18	147.78	18	-852.79	18	568.65	18	28.94	18
609	-391	-390	Min.	0.00	0.00	18	-32.89	18	175.63	18	-78.83	18	848.14	18	28.94	18
609	-391	-390	Min.	60.00	0.00	18	-59.92	18	147.78	18	-852.79	18	568.65	18	28.94	18
609	-390	-389	Max	0.00	0.00	18	-61.76	18	55.84	18	-368.54	18	346.53	18	36.68	18
609	-390	-389	Max	60.00	0.00	18	-88.78	18	10.68	18	-1142.50	18	-106.78	18	36.68	18
609	-390	-389	Min.	0.00	0.00	18	-61.76	18	55.84	18	-368.54	18	346.53	18	36.68	18
609	-390	-389	Min.	60.00	0.00	18	-88.78	18	10.68	18	-1142.50	18	-106.78	18	36.68	18
609	-389	108	Max	0.00	0.00	18	-200.66	18	-118.16	18	-2707.88	18	-154.77	18	-138.75	18
609	-389	108	Max	35.00	0.00	18	-216.42	18	-191.14	18	-3159.36	18	-1181.53	18	-138.75	18
609	-389	108	Min.	0.00	0.00	18	-200.66	18	-118.16	18	-2707.88	18	-154.77	18	-138.75	18
609	-389	108	Min.	35.00	0.00	18	-216.42	18	-191.14	18	-3159.36	18	-1181.53	18	-138.75	18
609	108	60	Max	0.00	0.00	18	20.16	18	-21.70	18	301.49	18	-137.18	18	-82.69	18
609	108	60	Max	42.00	0.00	18	16.49	18	-14.00	18	196.56	18	-32.59	18	-82.69	18
609	108	60	Min.	0.00	0.00	18	20.16	18	-21.70	18	301.49	18	-137.18	18	-82.69	18
609	108	60	Min.	42.00	0.00	18	16.49	18	-14.00	18	196.56	18	-32.59	18	-82.69	18
610	110	113	Max	0.00	0.00	18	-13.99	18	12.32	18	220.34	18	-82.59	18	-44.38	18
610	110	113	Max	41.00	0.00	18	-10.41	18	7.32	18	117.90	18	-13.25	18	-44.38	18
610	110	113	Min.	0.00	0.00	18	-13.99	18	12.32	18	220.34	18	-82.59	18	-44.38	18
610	110	113	Min.	41.00	0.00	18	-10.41	18	7.32	18	117.90	18	-13.25	18	-44.38	18
610	-490	110	Max	0.00	0.00	18	106.84	18	19.22	18	-1350.77	18	117.88	18	-117.64	18
610	-490	110	Max	35.83	0.00	18	122.98	18	60.39	18	-1813.00	18	-448.96	18	-117.64	18
610	-490	110	Min.	0.00	0.00	18	106.84	18	19.22	18	-1350.77	18	117.88	18	-117.64	18
610	-490	110	Min.	35.83	0.00	18	122.98	18	60.39	18	-1813.00	18	-448.96	18	-117.64	18
610	-491	-490	Max	0.00	0.00	18	23.68	18	-87.60	18	21.50	18	428.65	18	51.37	18
610	-491	-490	Max	1.59					-87.21	18			428.83	18		
610	-491	-490	Max	60.83	0.00	18	51.09	18	-64.85	18	-763.21	18	203.04	18	51.37	18
610	-491	-490	Min.	0.00	0.00	18	23.68	18	-87.60	18	21.50	18	428.65	18	51.37	18
610	-491	-490	Min.	1.59					-87.21	18			428.83	18		
610	-491	-490	Min.	60.83	0.00	18	51.09	18	-64.85	18	-763.21	18	203.04	18	51.37	18
610	-492	-491	Max	0.00	0.00	18	0.13	18	-134.00	18	255.14	18	603.00	18	21.57	18
610	-492	-491	Max	19.78					-133.09	18			628.24	18		
610	-492	-491	Max	60.83	0.00	18	27.53	18	-125.59	18	-529.56	18	519.54	18	21.57	18
610	-492	-491	Min.	0.00	0.00	18	0.13	18	-134.00	18	255.14	18	603.00	18	21.57	18
610	-492	-491	Min.	19.78					-133.09	18			628.24	18		
610	-492	-491	Min.	60.83	0.00	18	27.53	18	-125.59	18	-529.56	18	519.54	18	21.57	18
610	-493	-492	Max	0.00	0.00	18	-23.46	18	-132.16	18	489.14	18	556.29	18	-36.05	18
610	-493	-492	Max	37.92					-137.82	18			649.03	18		
610	-493	-492	Max	60.83	0.00	18	3.95	18	-138.10	18	-295.57	18	615.17	18	-36.05	18
610	-493	-492	Min.	0.00	0.00	18	-23.46	18	-132.16	18	489.14	18	556.29	18	-36.05	18
610	-493	-492	Min.	37.92					-137.82	18			649.03	18		
610	-493	-492	Min.	60.83	0.00	18	3.95	18	-138.10	18	-295.57	18	615.17	18	-36.05	18
610	-494	-493	Max	0.00	0.00	18	-45.68	18	-84.00	18	709.65	18	299.51	18	-76.68	18
610	-494	-493	Max	55.01					-102.31	18			494.72	18		
610	-494	-493	Max	60.83	0.00	18	-18.28	18	-103.45	18	-75.06	18	492.53	18	-76.68	18
610	-494	-493	Min.	0.00	0.00	18	-45.68	18	-84.00	18	709.65	18	299.51	18	-76.68	18
610	-494	-493	Min.	55.01					-102.31	18			494.72	18		
610	-494	-493	Min.	60.83	0.00	18	-18.28	18	-103.45	18	-75.06	18	492.53	18	-76.68	18
610	111	-494	Max	25.00	0.00	18	-93.30	18	20.06	18	1400.04	18	-221.42	18	54.48	18
610	111	-494	Max	60.83	0.00	18	-77.16	18	-10.48	18	937.81	18	197.44	18	54.48	18
610	111	-494	Min.	25.00	0.00	18	-93.30	18	20.06	18	1400.04	18	-221.42	18	54.48	18
610	111	-494	Min.	60.83	0.00	18	-77.16	18	-10.48	18	937.81	18	197.44	18	54.48	18
610	66	111	Max	0.00	0.00	18	2.42	18	-1.34	18	-59.27	18	9.84	18	-35.26	18
610	66	111	Max	13.00	0.00	18	3.55	18	-0.95	18	-91.75	18	0.03	18	-35.26	18
610	66	111	Min.	0.00	0.00	18	2.42	18	-1.34	18	-59.27	18	9.84	18	-35.26	18
610	66	111	Min.	13.00	0.00	18	3.55	18	-0.95	18	-91.75	18	0.03	18	-35.26	18
613	114	109	Max	0.00	0.00	18	-12.29	18	-9.80	18	-143.98	18	-21.05	18	51.49	18
613	114	109	Max	41.00	0.00	18	-15.87	18	-15.57	18	-246.42	18	-101.09	18	51.49	18
613	114	109	Min.	0.00	0.00	18	-12.29	18	-9.80	18	-143.98	18	-21.05	18	51.49	18
613	114	109	Min.	41.00	0.00	18	-15.87	18	-15.57	18	-246.42	18	-101.09	18	51.49	18
613	109	-408	Max	25.00	0.00	18	131.18	18	-94.37	18	2255.39	18	-604.21	18	89.99	18
613	109	-408	Max	52.14	0.00	18	118.95	18	-60.42	18	1905.27	18	-39.55	18	89.99	18

Relazione di calcolo

613	109	-408	Min.	25.00	0.00	18	131.18	18	-94.37	18	2255.39	18	-604.21	18	89.99	18
613	109	-408	Min.	52.14	0.00	18	118.95	18	-60.42	18	1905.27	18	-39.55	18	89.99	18
613	-408	-407	Max	0.00	0.00	18	68.02	18	26.95	18	972.82	18	0.20	18	-20.99	18
613	-408	-407	Max	52.14	0.00	18	44.53	18	56.30	18	300.21	18	332.10	18	-20.99	18
613	-408	-407	Min.	0.00	0.00	18	68.02	18	26.95	18	972.82	18	0.20	18	-20.99	18
613	-408	-407	Min.	52.14	0.00	18	44.53	18	56.30	18	300.21	18	332.10	18	-20.99	18
613	-407	-406	Max	0.00	0.00	18	41.18	18	113.48	18	669.23	18	443.75	18	-17.51	18
613	-407	-406	Max	51.88					128.78	18			617.35	18		
613	-407	-406	Max	52.14	0.00	18	17.69	18	128.83	18	-3.38	18	617.35	18	-17.51	18
613	-407	-406	Min.	0.00	0.00	18	41.18	18	113.48	18	669.23	18	443.75	18	-17.51	18
613	-407	-406	Min.	51.88					128.78	18			617.35	18		
613	-407	-406	Min.	52.14	0.00	18	17.69	18	128.83	18	-3.38	18	617.35	18	-17.51	18
613	-406	-405	Max	0.00	0.00	18	15.95	18	153.58	18	383.89	18	671.75	18	8.53	18
613	-406	-405	Max	29.76					156.34	18			728.88	18		
613	-406	-405	Max	52.14	0.00	18	-7.54	18	155.78	18	-288.72	18	696.57	18	8.53	18
613	-406	-405	Min.	0.00	0.00	18	15.95	18	153.58	18	383.89	18	671.75	18	8.53	18
613	-406	-405	Min.	35.41					156.41	18			726.82	18		
613	-406	-405	Min.	52.14	0.00	18	-7.54	18	155.78	18	-288.72	18	696.57	18	8.53	18
613	-405	-404	Max	0.00	0.00	18	-9.61	18	146.45	18	94.76	18	683.92	18	34.49	18
613	-405	-404	Max	7.35					145.62	18			687.40	18		
613	-405	-404	Max	52.14	0.00	18	-33.10	18	135.32	18	-577.85	18	557.97	18	34.49	18
613	-405	-404	Min.	0.00	0.00	18	-9.61	18	146.45	18	94.76	18	683.92	18	34.49	18
613	-405	-404	Min.	7.35					145.62	18			687.40	18		
613	-405	-404	Min.	52.14	0.00	18	-33.10	18	135.32	18	-577.85	18	557.97	18	34.49	18
613	-404	-403	Max	0.00	0.00	18	-34.85	18	93.71	18	-190.57	18	486.53	18	50.42	18
613	-404	-403	Max	52.14	0.00	18	-58.33	18	69.42	18	-863.18	18	211.81	18	50.42	18
613	-404	-403	Min.	0.00	0.00	18	-34.85	18	93.71	18	-190.57	18	486.53	18	50.42	18
613	-404	-403	Min.	52.14	0.00	18	-58.33	18	69.42	18	-863.18	18	211.81	18	50.42	18
613	-403	112	Max	0.00	0.00	18	-80.08	18	-2.15	18	-1254.54	18	151.44	18	-14.21	18
613	-403	112	Max	27.14	0.00	18	-92.31	18	-25.55	18	-1604.67	18	-236.59	18	-14.21	18
613	-403	112	Min.	0.00	0.00	18	-80.08	18	-2.15	18	-1254.54	18	151.44	18	-14.21	18
613	-403	112	Min.	27.14	0.00	18	-92.31	18	-25.55	18	-1604.67	18	-236.59	18	-14.21	18
613	112	65	Max	0.00	0.00	18	4.65	18	-1.23	18	119.49	18	-11.45	18	4.94	18
613	112	65	Max	13.00	0.00	18	3.51	18	-0.70	18	87.01	18	1.98	18	4.94	18
613	112	65	Min.	0.00	0.00	18	4.65	18	-1.23	18	119.49	18	-11.45	18	4.94	18
613	112	65	Min.	13.00	0.00	18	3.51	18	-0.70	18	87.01	18	1.98	18	4.94	18

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-4566.14	19	-302.68	19	-833.36	19	242.57	19	-668.22	19	-0.78	19
21	1	101	Max	262.01	-3747.35	19	-302.68	19	-1626.42	19	242.57	19	-32.64	19	-0.78	19
21	1	101	Min.	0.00	-4566.14	19	-302.68	19	-833.36	19	242.57	19	-668.22	19	-0.78	19
21	1	101	Min.	262.01	-3747.35	19	-302.68	19	-1626.42	19	242.57	19	-32.64	19	-0.78	19
22	2	102	Max	0.00	-4987.43	19	94.37	19	-716.96	19	-286.50	19	-83.87	19	-0.73	19
22	2	102	Max	279.01	-4115.52	19	94.37	19	-453.65	19	-286.50	19	-883.25	19	-0.73	19
22	2	102	Min.	0.00	-4987.43	19	94.37	19	-716.96	19	-286.50	19	-83.87	19	-0.73	19
22	2	102	Min.	279.01	-4115.52	19	94.37	19	-453.65	19	-286.50	19	-883.25	19	-0.73	19
23	3	103	Max	0.00	-8332.65	19	444.45	19	-1008.64	19	-133.74	19	316.20	19	-0.73	19
23	3	103	Max	279.01	-7460.73	19	444.45	19	231.44	19	-133.74	19	-56.95	19	-0.73	19
23	3	103	Min.	0.00	-8332.65	19	444.45	19	-1008.64	19	-133.74	19	316.20	19	-0.73	19
23	3	103	Min.	279.01	-7460.73	19	444.45	19	231.44	19	-133.74	19	-56.95	19	-0.73	19
24	4	104	Max	0.00	-7430.57	19	-62.67	19	377.68	19	317.80	19	-701.93	19	-0.78	19
24	4	104	Max	262.01	-6611.78	19	-62.67	19	213.46	19	317.80	19	130.74	19	-0.78	19
24	4	104	Min.	0.00	-7430.57	19	-62.67	19	377.68	19	317.80	19	-701.93	19	-0.78	19
24	4	104	Min.	262.01	-6611.78	19	-62.67	19	213.46	19	317.80	19	130.74	19	-0.78	19
25	5	105	Max	0.00	-7849.56	19	-195.61	19	402.22	19	-118.96	19	92.81	19	-0.21	19
25	5	105	Max	262.01	-7440.16	19	-195.61	19	-110.31	19	-118.96	19	-218.89	19	-0.21	19
25	5	105	Min.	0.00	-7849.56	19	-195.61	19	402.22	19	-118.96	19	92.81	19	-0.21	19
25	5	105	Min.	262.01	-7440.16	19	-195.61	19	-110.31	19	-118.96	19	-218.89	19	-0.21	19
26	6	106	Max	0.00	-8807.08	19	263.02	19	-453.19	19	-152.37	19	148.56	19	-0.20	19
26	6	106	Max	279.01	-8371.13	19	263.02	19	280.67	19	-152.37	19	-276.57	19	-0.20	19
26	6	106	Min.	0.00	-8807.08	19	263.02	19	-453.19	19	-152.37	19	148.56	19	-0.20	19
26	6	106	Min.	279.01	-8371.13	19	263.02	19	280.67	19	-152.37	19	-276.57	19	-0.20	19
27	7	107	Max	0.00	-5524.81	19	135.09	19	-313.81	19	655.62	19	-622.00	19	-0.20	19
27	7	107	Max	279.01	-5088.85	19	135.09	19	63.10	19	655.62	19	1207.28	19	-0.20	19
27	7	107	Min.	0.00	-5524.81	19	135.09	19	-313.81	19	655.62	19	-622.00	19	-0.20	19
27	7	107	Min.	279.01	-5088.85	19	135.09	19	63.10	19	655.62	19	1207.28	19	-0.20	19
28	8	108	Max	0.00	-4750.46	19	-86.13	19	298.00	19	693.93	19	-576.57	19	-0.21	19
28	8	108	Max	262.01	-4341.07	19	-86.13	19	72.33	19	693.93	19	1241.60	19	-0.21	19
28	8	108	Min.	0.00	-4750.46	19	-86.13	19	298.00	19	693.93	19	-576.57	19	-0.21	19
28	8	108	Min.	262.01	-4341.07	19	-86.13	19	72.33	19	693.93	19	1241.60	19	-0.21	19
29	9	109	Max	0.00	-3962.80	19	-64.20	19	245.81	19	-405.42	19	345.35	19	-0.21	19
29	9	109	Max	262.01	-3553.41	19	-64.20	19	77.59	19	-405.42	19	-716.90	19	-0.21	19
29	9	109	Min.	0.00	-3962.80	19	-64.20	19	245.81	19	-405.42	19	345.35	19	-0.21	19
29	9	109	Min.	262.01	-3553.41	19	-64.20	19	77.59	19	-405.42	19	-716.90	19	-0.21	19
30	10	110	Max	0.00	-4805.00	19	37.55	19	-133.36	19	-296.52	19	223.53	19	-0.20	19
30	10	110	Max	279.01	-4369.04	19	37.55	19	-28.60	19	-296.52	19	-603.79	19	-0.20	19

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30	10	110	Min.	0.00	-4805.00	19	37.55	19	-133.36	19	-296.52	19	223.53	19	-0.20	19
30	10	110	Min.	279.01	-4369.04	19	37.55	19	-28.60	19	-296.52	19	-603.79	19	-0.20	19
31	11	111	Max	0.00	-4035.97	19	39.28	19	-113.48	19	206.76	19	-63.88	19	-0.20	19
31	11	111	Max	279.01	-3600.01	19	39.28	19	-3.88	19	206.76	19	513.02	19	-0.20	19
31	11	111	Min.	0.00	-4035.97	19	39.28	19	-113.48	19	206.76	19	-63.88	19	-0.20	19
31	11	111	Min.	279.01	-3600.01	19	39.28	19	-3.88	19	206.76	19	513.02	19	-0.20	19
32	12	112	Max	0.00	-3164.24	19	-107.41	19	299.47	19	202.56	19	-16.18	19	-0.21	19
32	12	112	Max	262.01	-2754.85	19	-107.42	19	18.03	19	202.56	19	514.54	19	-0.21	19
32	12	112	Min.	0.00	-3164.24	19	-107.41	19	299.47	19	202.56	19	-16.18	19	-0.21	19
32	12	112	Min.	262.01	-2754.85	19	-107.42	19	18.03	19	202.56	19	514.54	19	-0.21	19
401	35	-57	Max	0.00	0.00	19	0.00	19	0.00	19	-2699.08	19	956.78	19	12.61	19
401	35	-57	Max	37.31	0.00	19	0.00	19	0.00	19	-2161.66	19	50.43	19	12.61	19
401	35	-57	Min.	0.00	0.00	19	0.00	19	0.00	19	-2699.08	19	956.78	19	12.61	19
401	35	-57	Min.	37.31	0.00	19	0.00	19	0.00	19	-2161.66	19	50.43	19	12.61	19
401	-57	-58	Max	0.00	0.00	19	0.00	19	0.00	19	-2161.66	19	50.43	19	12.61	19
401	-57	-58	Max	37.31	0.00	19	0.00	19	0.00	19	-1636.25	19	-657.64	19	12.61	19
401	-57	-58	Min.	0.00	0.00	19	0.00	19	0.00	19	-2161.66	19	50.43	19	12.61	19
401	-57	-58	Min.	37.31	0.00	19	0.00	19	0.00	19	-1636.25	19	-657.64	19	12.61	19
401	-58	-59	Max	0.00	0.00	19	0.00	19	0.00	19	-1636.25	19	-657.64	19	12.61	19
401	-58	-59	Max	37.31	0.00	19	0.00	19	0.00	19	-1122.32	19	-1171.88	19	12.61	19
401	-58	-59	Min.	0.00	0.00	19	0.00	19	0.00	19	-1636.25	19	-657.64	19	12.61	19
401	-58	-59	Min.	37.31	0.00	19	0.00	19	0.00	19	-1122.32	19	-1171.88	19	12.61	19
401	-59	-60	Max	0.00	0.00	19	0.00	19	0.00	19	-1122.31	19	-1171.88	19	12.61	19
401	-59	-60	Max	37.31	0.00	19	0.00	19	0.00	19	-618.33	19	-1496.30	19	12.61	19
401	-59	-60	Min.	0.00	0.00	19	0.00	19	0.00	19	-1122.31	19	-1171.88	19	12.61	19
401	-59	-60	Min.	37.31	0.00	19	0.00	19	0.00	19	-618.33	19	-1496.30	19	12.61	19
401	-60	-61	Max	0.00	0.00	19	0.00	19	0.00	19	-618.33	19	-1496.30	19	12.61	19
401	-60	-61	Max	37.31	0.00	19	0.00	19	0.00	19	-122.04	19	-1634.21	19	12.61	19
401	-60	-61	Min.	0.00	0.00	19	0.00	19	0.00	19	-618.33	19	-1496.30	19	12.61	19
401	-60	-61	Min.	37.31	0.00	19	0.00	19	0.00	19	-122.04	19	-1634.21	19	12.61	19
401	-61	-62	Max	0.00	0.00	19	0.00	19	0.00	19	-122.04	19	-1634.21	19	12.61	19
401	-61	-62	Max	9.24									-1639.84	19		
401	-61	-62	Max	37.31	0.00	19	0.00	19	0.00	19	369.23	19	-1587.98	19	12.61	19
401	-61	-62	Min.	0.00	0.00	19	0.00	19	0.00	19	-122.04	19	-1634.21	19	12.61	19
401	-61	-62	Min.	9.24									-1639.84	19		
401	-61	-62	Min.	37.31	0.00	19	0.00	19	0.00	19	369.23	19	-1587.98	19	12.61	19
401	-62	-63	Max	0.00	0.00	19	0.00	19	0.00	19	369.23	19	-1587.98	19	12.61	19
401	-62	-63	Max	37.31	0.00	19	0.00	19	0.00	19	858.20	19	-1358.98	19	12.61	19
401	-62	-63	Min.	0.00	0.00	19	0.00	19	0.00	19	369.23	19	-1587.98	19	12.61	19
401	-62	-63	Min.	37.31	0.00	19	0.00	19	0.00	19	858.20	19	-1358.98	19	12.61	19
401	-63	-64	Max	0.00	0.00	19	0.00	19	0.00	19	858.21	19	-1358.98	19	12.61	19
401	-63	-64	Max	37.31	0.00	19	0.00	19	0.00	19	1347.38	19	-947.59	19	12.61	19
401	-63	-64	Min.	0.00	0.00	19	0.00	19	0.00	19	858.21	19	-1358.98	19	12.61	19
401	-63	-64	Min.	37.31	0.00	19	0.00	19	0.00	19	1347.38	19	-947.59	19	12.61	19
401	-64	-65	Max	0.00	0.00	19	0.00	19	0.00	19	1347.37	19	-947.59	19	12.61	19
401	-64	-65	Max	37.31	0.00	19	0.00	19	0.00	19	1838.67	19	-353.37	19	12.61	19
401	-64	-65	Min.	0.00	0.00	19	0.00	19	0.00	19	1347.37	19	-947.59	19	12.61	19
401	-64	-65	Min.	37.31	0.00	19	0.00	19	0.00	19	1838.67	19	-353.37	19	12.61	19
401	-65	-66	Max	0.00	0.00	19	0.00	19	0.00	19	1838.67	19	-353.37	19	12.61	19
401	-65	-66	Max	37.31	0.00	19	0.00	19	0.00	19	2333.23	19	424.75	19	12.61	19
401	-65	-66	Min.	0.00	0.00	19	0.00	19	0.00	19	1838.67	19	-353.37	19	12.61	19
401	-65	-66	Min.	37.31	0.00	19	0.00	19	0.00	19	2333.23	19	424.75	19	12.61	19
401	-66	-67	Max	0.00	0.00	19	0.00	19	0.00	19	2333.25	19	424.75	19	12.61	19
401	-66	-67	Max	37.31	0.00	19	0.00	19	0.00	19	2830.99	19	1388.01	19	12.61	19
401	-66	-67	Min.	0.00	0.00	19	0.00	19	0.00	19	2333.25	19	424.75	19	12.61	19
401	-66	-67	Min.	37.31	0.00	19	0.00	19	0.00	19	2830.99	19	1388.01	19	12.61	19
401	-67	-68	Max	0.00	0.00	19	0.00	19	0.00	19	2830.98	19	1388.00	19	12.61	19
401	-67	-68	Max	37.31	0.00	19	0.00	19	0.00	19	3330.37	19	2537.30	19	12.61	19
401	-67	-68	Min.	0.00	0.00	19	0.00	19	0.00	19	2830.98	19	1388.00	19	12.61	19
401	-67	-68	Min.	37.31	0.00	19	0.00	19	0.00	19	3330.37	19	2537.30	19	12.61	19
401	-68	5	Max	0.00	0.00	19	0.00	19	0.00	19	3330.38	19	2537.30	19	12.61	19
401	-68	5	Max	24.81	0.00	19	0.00	19	0.00	19	3661.80	19	3404.64	19	12.61	19
401	-68	5	Min.	0.00	0.00	19	0.00	19	0.00	19	3330.38	19	2537.30	19	12.61	19
401	-68	5	Min.	24.81	0.00	19	0.00	19	0.00	19	3661.80	19	3404.64	19	12.61	19
401	5	-44	Max	12.50	0.00	19	0.00	19	0.00	19	-3626.46	19	3323.88	19	-4.87	19
401	5	-44	Max	38.57	0.00	19	0.00	19	0.00	19	-3282.76	19	2423.33	19	-4.87	19
401	5	-44	Min.	12.50	0.00	19	0.00	19	0.00	19	-3626.46	19	3323.88	19	-4.87	19
401	5	-44	Min.	38.57	0.00	19	0.00	19	0.00	19	-3282.76	19	2423.33	19	-4.87	19
401	-44	-45	Max	0.00	0.00	19	0.00	19	0.00	19	-3282.69	19	2423.34	19	-4.87	19
401	-44	-45	Max	38.57	0.00	19	0.00	19	0.00	19	-2781.83	19	1254.15	19	-4.87	19
401	-44	-45	Min.	0.00	0.00	19	0.00	19	0.00	19	-3282.69	19	2423.34	19	-4.87	19
401	-44	-45	Min.	38.57	0.00	19	0.00	19	0.00	19	-2781.83	19	1254.15	19	-4.87	19
401	-45	-46	Max	0.00	0.00	19	0.00	19	0.00	19	-2781.83	19	1254.14	19	-4.87	19
401	-45	-46	Max	38.57	0.00	19	0.00	19	0.00	19	-2293.00	19	275.88	19	-4.87	19
401	-45	-46	Min.	0.00	0.00	19	0.00	19	0.00	19	-2781.83	19	1254.14	19	-4.87	19
401	-45	-46	Min.	38.57	0.00	19	0.00	19	0.00	19	-2293.00	19	275.88	19	-4.87	19
401	-46	-47	Max	0.00	0.00	19	0.00	19	0.00	19	-2293.02	19	275.88	19	-4.87	19
401	-46	-47	Max	38.57	0.00	19	0.00	19	0.00	19	-1817.54	19	-516.61	19	-4.87	19
401	-46	-47	Min.	0.00	0.00	19	0.00	19	0.00	19	-2293.02	19	275.88	19	-4.87	19

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401	-46	-47	Min.	38.57	0.00	19	0.00	19	0.00	19	-1817.54	19	-516.61	19	-4.87	19
401	-47	-48	Max	0.00	0.00	19	0.00	19	0.00	19	-1817.53	19	-516.61	19	-4.87	19
401	-47	-48	Max	38.57	0.00	19	0.00	19	0.00	19	-1355.42	19	-1128.11	19	-4.87	19
401	-47	-48	Min.	0.00	0.00	19	0.00	19	0.00	19	-1817.53	19	-516.61	19	-4.87	19
401	-47	-48	Min.	38.57	0.00	19	0.00	19	0.00	19	-1355.42	19	-1128.11	19	-4.87	19
401	-48	-49	Max	0.00	0.00	19	0.00	19	0.00	19	-1355.42	19	-1128.11	19	-4.87	19
401	-48	-49	Max	38.57	0.00	19	0.00	19	0.00	19	-905.01	19	-1563.69	19	-4.87	19
401	-48	-49	Min.	0.00	0.00	19	0.00	19	0.00	19	-1355.42	19	-1128.11	19	-4.87	19
401	-48	-49	Min.	38.57	0.00	19	0.00	19	0.00	19	-905.01	19	-1563.69	19	-4.87	19
401	-49	-50	Max	0.00	0.00	19	0.00	19	0.00	19	-905.01	19	-1563.69	19	-4.87	19
401	-49	-50	Max	38.57	0.00	19	0.00	19	0.00	19	-463.79	19	-1827.42	19	-4.87	19
401	-49	-50	Min.	0.00	0.00	19	0.00	19	0.00	19	-905.01	19	-1563.69	19	-4.87	19
401	-49	-50	Min.	38.57	0.00	19	0.00	19	0.00	19	-463.79	19	-1827.42	19	-4.87	19
401	-50	-51	Max	0.00	0.00	19	0.00	19	0.00	19	-463.79	19	-1827.42	19	-4.87	19
401	-50	-51	Max	38.57	0.00	19	0.00	19	0.00	19	-28.58	19	-1922.23	19	-4.87	19
401	-50	-51	Min.	0.00	0.00	19	0.00	19	0.00	19	-463.79	19	-1827.42	19	-4.87	19
401	-50	-51	Min.	38.57	0.00	19	0.00	19	0.00	19	-28.58	19	-1922.23	19	-4.87	19
401	-51	-52	Max	0.00	0.00	19	0.00	19	0.00	19	-28.57	19	-1922.23	19	-4.87	19
401	-51	-52	Max	2.54									-1922.59	19		
401	-51	-52	Max	38.57	0.00	19	0.00	19	0.00	19	404.14	19	-1849.78	19	-4.87	19
401	-51	-52	Min.	0.00	0.00	19	0.00	19	0.00	19	-28.57	19	-1922.23	19	-4.87	19
401	-51	-52	Min.	2.54									-1922.59	19		
401	-51	-52	Min.	38.57	0.00	19	0.00	19	0.00	19	404.14	19	-1849.78	19	-4.87	19
401	-52	-53	Max	0.00	0.00	19	0.00	19	0.00	19	404.13	19	-1849.78	19	-4.87	19
401	-52	-53	Max	38.57	0.00	19	0.00	19	0.00	19	837.87	19	-1610.35	19	-4.87	19
401	-52	-53	Min.	0.00	0.00	19	0.00	19	0.00	19	404.13	19	-1849.78	19	-4.87	19
401	-52	-53	Min.	38.57	0.00	19	0.00	19	0.00	19	837.87	19	-1610.35	19	-4.87	19
401	-53	-54	Max	0.00	0.00	19	0.00	19	0.00	19	837.88	19	-1610.35	19	-4.87	19
401	-53	-54	Max	38.57	0.00	19	0.00	19	0.00	19	1276.00	19	-1202.76	19	-4.87	19
401	-53	-54	Min.	0.00	0.00	19	0.00	19	0.00	19	837.88	19	-1610.35	19	-4.87	19
401	-53	-54	Min.	38.57	0.00	19	0.00	19	0.00	19	1276.00	19	-1202.76	19	-4.87	19
401	-54	-55	Max	0.00	0.00	19	0.00	19	0.00	19	1275.99	19	-1202.77	19	-4.87	19
401	-54	-55	Max	38.57	0.00	19	0.00	19	0.00	19	1720.89	19	-625.07	19	-4.87	19
401	-54	-55	Min.	0.00	0.00	19	0.00	19	0.00	19	1275.99	19	-1202.77	19	-4.87	19
401	-54	-55	Min.	38.57	0.00	19	0.00	19	0.00	19	1720.89	19	-625.07	19	-4.87	19
401	-55	-56	Max	0.00	0.00	19	0.00	19	0.00	19	1720.88	19	-625.08	19	-4.87	19
401	-55	-56	Max	38.57	0.00	19	0.00	19	0.00	19	2174.39	19	125.83	19	-4.87	19
401	-55	-56	Min.	0.00	0.00	19	0.00	19	0.00	19	1720.88	19	-625.08	19	-4.87	19
401	-55	-56	Min.	38.57	0.00	19	0.00	19	0.00	19	2174.39	19	125.83	19	-4.87	19
401	-56	8	Max	0.00	0.00	19	0.00	19	0.00	19	2174.44	19	125.84	19	-4.87	19
401	-56	8	Max	13.57	0.00	19	0.00	19	0.00	19	2336.18	19	431.87	19	-4.87	19
401	-56	8	Min.	0.00	0.00	19	0.00	19	0.00	19	2174.44	19	125.84	19	-4.87	19
401	-56	8	Min.	13.57	0.00	19	0.00	19	0.00	19	2336.18	19	431.87	19	-4.87	19
401	8	-38	Max	0.00	0.00	19	0.00	19	0.00	19	-1922.65	19	1547.02	19	-93.91	19
401	8	-38	Max	34.71	0.00	19	0.00	19	0.00	19	-1498.92	19	953.03	19	-93.91	19
401	8	-38	Min.	0.00	0.00	19	0.00	19	0.00	19	-1922.65	19	1547.02	19	-93.91	19
401	8	-38	Min.	34.71	0.00	19	0.00	19	0.00	19	-1498.92	19	953.03	19	-93.91	19
401	-38	-39	Max	0.00	0.00	19	0.00	19	0.00	19	-1498.93	19	953.03	19	-93.91	19
401	-38	-39	Max	34.71	0.00	19	0.00	19	0.00	19	-1069.40	19	507.02	19	-93.91	19
401	-38	-39	Min.	0.00	0.00	19	0.00	19	0.00	19	-1498.93	19	953.03	19	-93.91	19
401	-38	-39	Min.	34.71	0.00	19	0.00	19	0.00	19	-1069.40	19	507.02	19	-93.91	19
401	-39	-40	Max	0.00	0.00	19	0.00	19	0.00	19	-1069.38	19	507.02	19	-93.91	19
401	-39	-40	Max	34.71	0.00	19	0.00	19	0.00	19	-635.29	19	211.05	19	-93.91	19
401	-39	-40	Min.	0.00	0.00	19	0.00	19	0.00	19	-1069.38	19	507.02	19	-93.91	19
401	-39	-40	Min.	34.71	0.00	19	0.00	19	0.00	19	-635.29	19	211.05	19	-93.91	19
401	-40	-41	Max	0.00	0.00	19	0.00	19	0.00	19	-635.30	19	211.05	19	-93.91	19
401	-40	-41	Max	34.71	0.00	19	0.00	19	0.00	19	-196.89	19	66.46	19	-93.91	19
401	-40	-41	Min.	0.00	0.00	19	0.00	19	0.00	19	-635.30	19	211.05	19	-93.91	19
401	-40	-41	Min.	34.71	0.00	19	0.00	19	0.00	19	-196.89	19	66.46	19	-93.91	19
401	-41	-42	Max	0.00	0.00	19	0.00	19	0.00	19	-196.87	19	66.47	19	-93.91	19
401	-41	-42	Max	15.49									51.21	19		
401	-41	-42	Max	34.71	0.00	19	0.00	19	0.00	19	245.42	19	74.78	19	-93.91	19
401	-41	-42	Min.	0.00	0.00	19	0.00	19	0.00	19	-196.87	19	66.47	19	-93.91	19
401	-41	-42	Min.	15.49									51.21	19		
401	-41	-42	Min.	34.71	0.00	19	0.00	19	0.00	19	245.42	19	74.78	19	-93.91	19
401	-42	-43	Max	0.00	0.00	19	0.00	19	0.00	19	245.41	19	74.78	19	-93.91	19
401	-42	-43	Max	34.71	0.00	19	0.00	19	0.00	19	691.73	19	237.35	19	-93.91	19
401	-42	-43	Min.	0.00	0.00	19	0.00	19	0.00	19	245.41	19	74.78	19	-93.91	19
401	-42	-43	Min.	34.71	0.00	19	0.00	19	0.00	19	691.73	19	237.35	19	-93.91	19
401	-43	33	Max	0.00	0.00	19	0.00	19	0.00	19	691.74	19	237.35	19	-93.91	19
401	-43	33	Max	34.71	0.00	19	0.00	19	0.00	19	1141.63	19	555.43	19	-93.91	19
401	-43	33	Min.	0.00	0.00	19	0.00	19	0.00	19	691.74	19	237.35	19	-93.91	19
401	-43	33	Min.	34.71	0.00	19	0.00	19	0.00	19	1141.63	19	555.43	19	-93.91	19
402	-18	36	Max	0.00	0.00	19	0.00	19	0.00	19	1974.26	19	169.43	19	-247.96	19
402	-18	36	Max	37.31	0.00	19	0.00	19	0.00	19	2464.37	19	997.40	19	-247.96	19
402	-18	36	Min.	0.00	0.00	19	0.00	19	0.00	19	1974.26	19	169.43	19	-247.96	19
402	-18	36	Min.	37.31	0.00	19	0.00	19	0.00	19	2464.37	19	997.40	19	-247.96	19
402	-17	-18	Max	0.00	0.00	19	0.00	19	0.00	19	1484.72	19	-475.77	19	-247.96	19
402	-17	-18	Max	37.31	0.00	19	0.00	19	0.00	19	1974.26	19	169.43	19	-247.96	19

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402	-17	-18	Min.	0.00	0.00	19	0.00	19	0.00	19	1484.72	19	-475.77	19	-247.96	19
402	-17	-18	Min.	37.31	0.00	19	0.00	19	0.00	19	1974.26	19	169.43	19	-247.96	19
402	-16	-17	Max	0.00	0.00	19	0.00	19	0.00	19	995.48	19	-938.44	19	-247.96	19
402	-16	-17	Max	37.31	0.00	19	0.00	19	0.00	19	1484.72	19	-475.77	19	-247.96	19
402	-16	-17	Min.	0.00	0.00	19	0.00	19	0.00	19	995.48	19	-938.44	19	-247.96	19
402	-16	-17	Min.	37.31	0.00	19	0.00	19	0.00	19	1484.72	19	-475.77	19	-247.96	19
402	-15	-16	Max	0.00	0.00	19	0.00	19	0.00	19	505.33	19	-1218.45	19	-247.96	19
402	-15	-16	Max	37.31	0.00	19	0.00	19	0.00	19	995.48	19	-938.43	19	-247.96	19
402	-15	-16	Min.	0.00	0.00	19	0.00	19	0.00	19	505.33	19	-1218.45	19	-247.96	19
402	-15	-16	Min.	37.31	0.00	19	0.00	19	0.00	19	995.48	19	-938.43	19	-247.96	19
402	-14	-15	Max	0.00	0.00	19	0.00	19	0.00	19	12.47	19	-1315.15	19	-247.96	19
402	-14	-15	Max	37.31	0.00	19	0.00	19	0.00	19	505.32	19	-1218.45	19	-247.96	19
402	-14	-15	Min.	0.00	0.00	19	0.00	19	0.00	19	12.47	19	-1315.15	19	-247.96	19
402	-14	-15	Min.	37.31	0.00	19	0.00	19	0.00	19	505.32	19	-1218.45	19	-247.96	19
402	-13	-14	Max	0.00	0.00	19	0.00	19	0.00	19	-485.28	19	-1227.14	19	-247.96	19
402	-13	-14	Max	36.56									-1315.21	19		
402	-13	-14	Max	37.31	0.00	19	0.00	19	0.00	19	12.47	19	-1315.15	19	-247.96	19
402	-13	-14	Min.	0.00	0.00	19	0.00	19	0.00	19	-485.28	19	-1227.14	19	-247.96	19
402	-13	-14	Min.	36.56									-1315.21	19		
402	-13	-14	Min.	37.31	0.00	19	0.00	19	0.00	19	12.47	19	-1315.15	19	-247.96	19
402	-12	-13	Max	0.00	0.00	19	0.00	19	0.00	19	-990.05	19	-952.18	19	-247.96	19
402	-12	-13	Max	37.31	0.00	19	0.00	19	0.00	19	-485.28	19	-1227.14	19	-247.96	19
402	-12	-13	Min.	0.00	0.00	19	0.00	19	0.00	19	-990.05	19	-952.18	19	-247.96	19
402	-12	-13	Min.	37.31	0.00	19	0.00	19	0.00	19	-485.28	19	-1227.14	19	-247.96	19
402	-11	-12	Max	0.00	0.00	19	0.00	19	0.00	19	-1503.68	19	-487.30	19	-247.96	19
402	-11	-12	Max	37.31	0.00	19	0.00	19	0.00	19	-990.04	19	-952.18	19	-247.96	19
402	-11	-12	Min.	0.00	0.00	19	0.00	19	0.00	19	-1503.68	19	-487.30	19	-247.96	19
402	-11	-12	Min.	37.31	0.00	19	0.00	19	0.00	19	-990.04	19	-952.18	19	-247.96	19
402	-10	-11	Max	0.00	0.00	19	0.00	19	0.00	19	-2027.39	19	171.04	19	-247.96	19
402	-10	-11	Max	37.31	0.00	19	0.00	19	0.00	19	-1503.68	19	-487.30	19	-247.96	19
402	-10	-11	Min.	0.00	0.00	19	0.00	19	0.00	19	-2027.39	19	171.04	19	-247.96	19
402	-10	-11	Min.	37.31	0.00	19	0.00	19	0.00	19	-1503.68	19	-487.30	19	-247.96	19
402	-9	-10	Max	0.00	0.00	19	0.00	19	0.00	19	-2561.48	19	1026.74	19	-247.96	19
402	-9	-10	Max	37.31	0.00	19	0.00	19	0.00	19	-2027.40	19	171.04	19	-247.96	19
402	-9	-10	Min.	0.00	0.00	19	0.00	19	0.00	19	-2561.48	19	1026.74	19	-247.96	19
402	-9	-10	Min.	37.31	0.00	19	0.00	19	0.00	19	-2027.40	19	171.04	19	-247.96	19
402	-8	-9	Max	0.00	0.00	19	0.00	19	0.00	19	-3104.89	19	2083.48	19	-247.96	19
402	-8	-9	Max	37.31	0.00	19	0.00	19	0.00	19	-2561.47	19	1026.74	19	-247.96	19
402	-8	-9	Min.	0.00	0.00	19	0.00	19	0.00	19	-3104.89	19	2083.48	19	-247.96	19
402	-8	-9	Min.	37.31	0.00	19	0.00	19	0.00	19	-2561.47	19	1026.74	19	-247.96	19
402	-7	-8	Max	0.00	0.00	19	0.00	19	0.00	19	-3655.01	19	3344.29	19	-247.96	19
402	-7	-8	Max	37.31	0.00	19	0.00	19	0.00	19	-3104.90	19	2083.48	19	-247.96	19
402	-7	-8	Min.	0.00	0.00	19	0.00	19	0.00	19	-3655.01	19	3344.29	19	-247.96	19
402	-7	-8	Min.	37.31	0.00	19	0.00	19	0.00	19	-3104.90	19	2083.48	19	-247.96	19
402	6	-7	Max	12.50	0.00	19	0.00	19	0.00	19	-4022.39	19	4296.59	19	-247.96	19
402	6	-7	Max	37.31	0.00	19	0.00	19	0.00	19	-3655.05	19	3344.28	19	-247.96	19
402	6	-7	Min.	12.50	0.00	19	0.00	19	0.00	19	-4022.39	19	4296.59	19	-247.96	19
402	6	-7	Min.	37.31	0.00	19	0.00	19	0.00	19	-3655.05	19	3344.28	19	-247.96	19
402	-31	6	Max	0.00	0.00	19	0.00	19	0.00	19	3664.14	19	3131.87	19	42.08	19
402	-31	6	Max	26.07	0.00	19	0.00	19	0.00	19	4048.27	19	4137.14	19	42.08	19
402	-31	6	Min.	0.00	0.00	19	0.00	19	0.00	19	3664.14	19	3131.87	19	42.08	19
402	-31	6	Min.	26.07	0.00	19	0.00	19	0.00	19	4048.27	19	4137.14	19	42.08	19
402	-30	-31	Max	0.00	0.00	19	0.00	19	0.00	19	3101.87	19	1827.34	19	42.08	19
402	-30	-31	Max	38.57	0.00	19	0.00	19	0.00	19	3664.19	19	3131.88	19	42.08	19
402	-30	-31	Min.	0.00	0.00	19	0.00	19	0.00	19	3101.87	19	1827.34	19	42.08	19
402	-30	-31	Min.	38.57	0.00	19	0.00	19	0.00	19	3664.19	19	3131.88	19	42.08	19
402	-29	-30	Max	0.00	0.00	19	0.00	19	0.00	19	2550.69	19	737.65	19	42.08	19
402	-29	-30	Max	38.57	0.00	19	0.00	19	0.00	19	3101.87	19	1827.34	19	42.08	19
402	-29	-30	Min.	0.00	0.00	19	0.00	19	0.00	19	2550.69	19	737.65	19	42.08	19
402	-29	-30	Min.	38.57	0.00	19	0.00	19	0.00	19	3101.87	19	1827.34	19	42.08	19
402	-28	-29	Max	0.00	0.00	19	0.00	19	0.00	19	2012.92	19	-142.22	19	42.08	19
402	-28	-29	Max	38.57	0.00	19	0.00	19	0.00	19	2550.70	19	737.65	19	42.08	19
402	-28	-29	Min.	0.00	0.00	19	0.00	19	0.00	19	2012.92	19	-142.22	19	42.08	19
402	-28	-29	Min.	38.57	0.00	19	0.00	19	0.00	19	2550.70	19	737.65	19	42.08	19
402	-27	-28	Max	0.00	0.00	19	0.00	19	0.00	19	1489.37	19	-817.18	19	42.08	19
402	-27	-28	Max	38.57	0.00	19	0.00	19	0.00	19	2012.92	19	-142.21	19	42.08	19
402	-27	-28	Min.	0.00	0.00	19	0.00	19	0.00	19	1489.37	19	-817.18	19	42.08	19
402	-27	-28	Min.	38.57	0.00	19	0.00	19	0.00	19	2012.92	19	-142.21	19	42.08	19
402	-26	-27	Max	0.00	0.00	19	0.00	19	0.00	19	979.01	19	-1292.81	19	42.08	19
402	-26	-27	Max	38.57	0.00	19	0.00	19	0.00	19	1489.36	19	-817.18	19	42.08	19
402	-26	-27	Min.	0.00	0.00	19	0.00	19	0.00	19	979.01	19	-1292.81	19	42.08	19
402	-26	-27	Min.	38.57	0.00	19	0.00	19	0.00	19	1489.36	19	-817.18	19	42.08	19
402	-25	-26	Max	0.00	0.00	19	0.00	19	0.00	19	479.87	19	-1573.84	19	42.08	19
402	-25	-26	Max	38.57	0.00	19	0.00	19	0.00	19	979.00	19	-1292.81	19	42.08	19
402	-25	-26	Min.	0.00	0.00	19	0.00	19	0.00	19	479.87	19	-1573.84	19	42.08	19
402	-25	-26	Min.	38.57	0.00	19	0.00	19	0.00	19	979.00	19	-1292.81	19	42.08	19
402	-24	-25	Max	0.00	0.00	19	0.00	19	0.00	19	-10.73	19	-1664.08	19	42.08	19
402	-24	-25	Max	0.77									-1664.13	19		
402	-24	-25	Max	38.57	0.00	19	0.00	19	0.00	19	479.87	19	-1573.84	19	42.08	19

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402	-24	-25	Min.	0.00	0.00	19	0.00	19	0.00	19	-10.73	19	-1664.08	19	42.08	19
402	-24	-25	Min.	0.77									-1664.13	19		
402	-24	-25	Min.	38.57	0.00	19	0.00	19	0.00	19	479.87	19	-1573.84	19	42.08	19
402	-23	-24	Max	0.00	0.00	19	0.00	19	0.00	19	-495.82	19	-1566.27	19	42.08	19
402	-23	-24	Max	38.57	0.00	19	0.00	19	0.00	19	-10.73	19	-1664.09	19	42.08	19
402	-23	-24	Min.	0.00	0.00	19	0.00	19	0.00	19	-495.82	19	-1566.27	19	42.08	19
402	-23	-24	Min.	38.57	0.00	19	0.00	19	0.00	19	-10.73	19	-1664.09	19	42.08	19
402	-22	-23	Max	0.00	0.00	19	0.00	19	0.00	19	-978.42	19	-1281.93	19	42.08	19
402	-22	-23	Max	38.57	0.00	19	0.00	19	0.00	19	-495.82	19	-1566.27	19	42.08	19
402	-22	-23	Min.	0.00	0.00	19	0.00	19	0.00	19	-978.42	19	-1281.93	19	42.08	19
402	-22	-23	Min.	38.57	0.00	19	0.00	19	0.00	19	-495.82	19	-1566.27	19	42.08	19
402	-21	-22	Max	0.00	0.00	19	0.00	19	0.00	19	-1461.33	19	-811.34	19	42.08	19
402	-21	-22	Max	38.57	0.00	19	0.00	19	0.00	19	-978.42	19	-1281.93	19	42.08	19
402	-21	-22	Min.	0.00	0.00	19	0.00	19	0.00	19	-1461.33	19	-811.34	19	42.08	19
402	-21	-22	Min.	38.57	0.00	19	0.00	19	0.00	19	-978.42	19	-1281.93	19	42.08	19
402	-20	-21	Max	0.00	0.00	19	0.00	19	0.00	19	-1946.26	19	-154.28	19	42.08	19
402	-20	-21	Max	38.57	0.00	19	0.00	19	0.00	19	-1461.33	19	-811.34	19	42.08	19
402	-20	-21	Min.	0.00	0.00	19	0.00	19	0.00	19	-1946.26	19	-154.28	19	42.08	19
402	-20	-21	Min.	38.57	0.00	19	0.00	19	0.00	19	-1461.33	19	-811.34	19	42.08	19
402	-19	-20	Max	0.00	0.00	19	0.00	19	0.00	19	-2434.24	19	690.40	19	42.08	19
402	-19	-20	Max	38.57	0.00	19	0.00	19	0.00	19	-1946.27	19	-154.28	19	42.08	19
402	-19	-20	Min.	0.00	0.00	19	0.00	19	0.00	19	-2434.24	19	690.40	19	42.08	19
402	-19	-20	Min.	38.57	0.00	19	0.00	19	0.00	19	-1946.27	19	-154.28	19	42.08	19
402	7	-19	Max	25.00	0.00	19	0.00	19	0.00	19	-2606.51	19	1032.42	19	42.08	19
402	7	-19	Max	38.57	0.00	19	0.00	19	0.00	19	-2434.15	19	690.42	19	42.08	19
402	7	-19	Min.	25.00	0.00	19	0.00	19	0.00	19	-2606.51	19	1032.42	19	42.08	19
402	7	-19	Min.	38.57	0.00	19	0.00	19	0.00	19	-2434.15	19	690.42	19	42.08	19
402	-37	7	Max	0.00	0.00	19	0.00	19	0.00	19	1870.71	19	1569.07	19	337.36	19
402	-37	7	Max	34.71	0.00	19	0.00	19	0.00	19	2313.57	19	2295.26	19	337.36	19
402	-37	7	Min.	0.00	0.00	19	0.00	19	0.00	19	1870.71	19	1569.07	19	337.36	19
402	-37	7	Min.	34.71	0.00	19	0.00	19	0.00	19	2313.57	19	2295.26	19	337.36	19
402	-36	-37	Max	0.00	0.00	19	0.00	19	0.00	19	1428.54	19	996.38	19	337.36	19
402	-36	-37	Max	34.71	0.00	19	0.00	19	0.00	19	1870.71	19	1569.08	19	337.36	19
402	-36	-37	Min.	0.00	0.00	19	0.00	19	0.00	19	1428.54	19	996.38	19	337.36	19
402	-36	-37	Min.	34.71	0.00	19	0.00	19	0.00	19	1870.71	19	1569.08	19	337.36	19
402	-35	-36	Max	0.00	0.00	19	0.00	19	0.00	19	989.06	19	576.90	19	337.36	19
402	-35	-36	Max	34.71	0.00	19	0.00	19	0.00	19	1428.52	19	996.38	19	337.36	19
402	-35	-36	Min.	0.00	0.00	19	0.00	19	0.00	19	989.06	19	576.90	19	337.36	19
402	-35	-36	Min.	34.71	0.00	19	0.00	19	0.00	19	1428.52	19	996.38	19	337.36	19
402	-34	-35	Max	0.00	0.00	19	0.00	19	0.00	19	553.14	19	309.29	19	337.36	19
402	-34	-35	Max	34.71	0.00	19	0.00	19	0.00	19	989.08	19	576.90	19	337.36	19
402	-34	-35	Min.	0.00	0.00	19	0.00	19	0.00	19	553.14	19	309.29	19	337.36	19
402	-34	-35	Min.	34.71	0.00	19	0.00	19	0.00	19	989.08	19	576.90	19	337.36	19
402	-33	-34	Max	0.00	0.00	19	0.00	19	0.00	19	121.58	19	192.32	19	337.36	19
402	-33	-34	Max	34.71	0.00	19	0.00	19	0.00	19	553.13	19	309.29	19	337.36	19
402	-33	-34	Min.	0.00	0.00	19	0.00	19	0.00	19	121.58	19	192.32	19	337.36	19
402	-33	-34	Min.	34.71	0.00	19	0.00	19	0.00	19	553.13	19	309.29	19	337.36	19
402	-32	-33	Max	0.00	0.00	19	0.00	19	0.00	19	-305.51	19	224.39	19	337.36	19
402	-32	-33	Max	24.87									186.34	19		
402	-32	-33	Max	34.71	0.00	19	0.00	19	0.00	19	121.58	19	192.32	19	337.36	19
402	-32	-33	Min.	0.00	0.00	19	0.00	19	0.00	19	-305.51	19	224.39	19	337.36	19
402	-32	-33	Min.	24.87									186.34	19		
402	-32	-33	Min.	34.71	0.00	19	0.00	19	0.00	19	121.58	19	192.32	19	337.36	19
402	32	-32	Max	0.00	0.00	19	0.00	19	0.00	19	-727.60	19	403.83	19	337.36	19
402	32	-32	Max	34.71	0.00	19	0.00	19	0.00	19	-305.51	19	224.39	19	337.36	19
402	32	-32	Min.	0.00	0.00	19	0.00	19	0.00	19	-727.60	19	403.83	19	337.36	19
402	32	-32	Min.	34.71	0.00	19	0.00	19	0.00	19	-305.51	19	224.39	19	337.36	19
405	5	-69	Max	25.00	0.00	19	0.00	19	0.00	19	-842.71	19	216.09	19	7.63	19
405	5	-69	Max	29.69	0.00	19	0.00	19	0.00	19	-819.51	19	177.13	19	7.63	19
405	5	-69	Min.	25.00	0.00	19	0.00	19	0.00	19	-842.71	19	216.09	19	7.63	19
405	5	-69	Min.	29.69	0.00	19	0.00	19	0.00	19	-819.51	19	177.13	19	7.63	19
405	-69	-70	Max	0.00	0.00	19	0.00	19	0.00	19	-819.39	19	177.13	19	7.63	19
405	-69	-70	Max	29.69	0.00	19	0.00	19	0.00	19	-676.83	19	-44.77	19	7.63	19
405	-69	-70	Min.	0.00	0.00	19	0.00	19	0.00	19	-819.39	19	177.13	19	7.63	19
405	-69	-70	Min.	29.69	0.00	19	0.00	19	0.00	19	-676.83	19	-44.77	19	7.63	19
405	-70	-71	Max	0.00	0.00	19	0.00	19	0.00	19	-676.83	19	-44.77	19	7.63	19
405	-70	-71	Max	29.69	0.00	19	0.00	19	0.00	19	-541.91	19	-225.49	19	7.63	19
405	-70	-71	Min.	0.00	0.00	19	0.00	19	0.00	19	-676.83	19	-44.77	19	7.63	19
405	-70	-71	Min.	29.69	0.00	19	0.00	19	0.00	19	-541.91	19	-225.49	19	7.63	19
405	-71	-72	Max	0.00	0.00	19	0.00	19	0.00	19	-541.91	19	-225.49	19	7.63	19
405	-71	-72	Max	29.69	0.00	19	0.00	19	0.00	19	-414.13	19	-367.24	19	7.63	19
405	-71	-72	Min.	0.00	0.00	19	0.00	19	0.00	19	-541.91	19	-225.49	19	7.63	19
405	-71	-72	Min.	29.69	0.00	19	0.00	19	0.00	19	-414.13	19	-367.24	19	7.63	19
405	-72	-73	Max	0.00	0.00	19	0.00	19	0.00	19	-414.13	19	-367.24	19	7.63	19
405	-72	-73	Max	29.69	0.00	19	0.00	19	0.00	19	-292.38	19	-471.98	19	7.63	19
405	-72	-73	Min.	0.00	0.00	19	0.00	19	0.00	19	-414.13	19	-367.24	19	7.63	19
405	-72	-73	Min.	29.69	0.00	19	0.00	19	0.00	19	-292.38	19	-471.98	19	7.63	19
405	-73	-74	Max	0.00	0.00	19	0.00	19	0.00	19	-292.38	19	-471.98	19	7.63	19
405	-73	-74	Max	29.69	0.00	19	0.00	19	0.00	19	-175.13	19	-541.29	19	7.63	19

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405	-73	-74	Min.	0.00	0.00	19	0.00	19	0.00	19	-292.38	19	-471.98	19	7.63	19
405	-73	-74	Min.	29.69	0.00	19	0.00	19	0.00	19	-175.13	19	-541.29	19	7.63	19
405	-74	-75	Max	0.00	0.00	19	0.00	19	0.00	19	-175.13	19	-541.29	19	7.63	19
405	-74	-75	Max	29.69	0.00	19	0.00	19	0.00	19	-60.49	19	-576.23	19	7.63	19
405	-74	-75	Min.	0.00	0.00	19	0.00	19	0.00	19	-175.13	19	-541.29	19	7.63	19
405	-74	-75	Min.	29.69	0.00	19	0.00	19	0.00	19	-60.49	19	-576.23	19	7.63	19
405	-75	-76	Max	0.00	0.00	19	0.00	19	0.00	19	-60.49	19	-576.22	19	7.63	19
405	-75	-76	Max	15.76									-580.99	19		
405	-75	-76	Max	29.69	0.00	19	0.00	19	0.00	19	53.60	19	-577.26	19	7.63	19
405	-75	-76	Min.	0.00	0.00	19	0.00	19	0.00	19	-60.49	19	-576.22	19	7.63	19
405	-75	-76	Min.	15.76									-580.99	19		
405	-75	-76	Min.	29.69	0.00	19	0.00	19	0.00	19	53.60	19	-577.26	19	7.63	19
405	-76	-77	Max	0.00	0.00	19	0.00	19	0.00	19	53.60	19	-577.26	19	7.63	19
405	-76	-77	Max	29.69	0.00	19	0.00	19	0.00	19	169.27	19	-544.24	19	7.63	19
405	-76	-77	Min.	0.00	0.00	19	0.00	19	0.00	19	53.60	19	-577.26	19	7.63	19
405	-76	-77	Min.	29.69	0.00	19	0.00	19	0.00	19	169.27	19	-544.24	19	7.63	19
405	-77	-78	Max	0.00	0.00	19	0.00	19	0.00	19	169.27	19	-544.24	19	7.63	19
405	-77	-78	Max	29.69	0.00	19	0.00	19	0.00	19	288.60	19	-476.39	19	7.63	19
405	-77	-78	Min.	0.00	0.00	19	0.00	19	0.00	19	169.27	19	-544.24	19	7.63	19
405	-77	-78	Min.	29.69	0.00	19	0.00	19	0.00	19	288.60	19	-476.39	19	7.63	19
405	-78	-79	Max	0.00	0.00	19	0.00	19	0.00	19	288.60	19	-476.39	19	7.63	19
405	-78	-79	Max	29.69	0.00	19	0.00	19	0.00	19	413.47	19	-372.34	19	7.63	19
405	-78	-79	Min.	0.00	0.00	19	0.00	19	0.00	19	288.60	19	-476.39	19	7.63	19
405	-78	-79	Min.	29.69	0.00	19	0.00	19	0.00	19	413.47	19	-372.34	19	7.63	19
405	-79	-80	Max	0.00	0.00	19	0.00	19	0.00	19	413.47	19	-372.34	19	7.63	19
405	-79	-80	Max	29.69	0.00	19	0.00	19	0.00	19	545.45	19	-230.19	19	7.63	19
405	-79	-80	Min.	0.00	0.00	19	0.00	19	0.00	19	413.47	19	-372.34	19	7.63	19
405	-79	-80	Min.	29.69	0.00	19	0.00	19	0.00	19	545.45	19	-230.19	19	7.63	19
405	-80	-81	Max	0.00	0.00	19	0.00	19	0.00	19	545.46	19	-230.19	19	7.63	19
405	-80	-81	Max	29.69	0.00	19	0.00	19	0.00	19	685.67	19	-47.66	19	7.63	19
405	-80	-81	Min.	0.00	0.00	19	0.00	19	0.00	19	545.46	19	-230.19	19	7.63	19
405	-80	-81	Min.	29.69	0.00	19	0.00	19	0.00	19	685.67	19	-47.66	19	7.63	19
405	-81	-82	Max	0.00	0.00	19	0.00	19	0.00	19	685.67	19	-47.66	19	7.63	19
405	-81	-82	Max	29.69	0.00	19	0.00	19	0.00	19	834.62	19	177.79	19	7.63	19
405	-81	-82	Min.	0.00	0.00	19	0.00	19	0.00	19	685.67	19	-47.66	19	7.63	19
405	-81	-82	Min.	29.69	0.00	19	0.00	19	0.00	19	834.62	19	177.79	19	7.63	19
405	-82	-83	Max	0.00	0.00	19	0.00	19	0.00	19	834.63	19	177.79	19	7.63	19
405	-82	-83	Max	29.69	0.00	19	0.00	19	0.00	19	992.08	19	448.75	19	7.63	19
405	-82	-83	Min.	0.00	0.00	19	0.00	19	0.00	19	834.63	19	177.79	19	7.63	19
405	-82	-83	Min.	29.69	0.00	19	0.00	19	0.00	19	992.08	19	448.75	19	7.63	19
405	-83	6	Max	0.00	0.00	19	0.00	19	0.00	19	991.94	19	448.75	19	7.63	19
405	-83	6	Max	4.69	0.00	19	0.00	19	0.00	19	1017.51	19	495.84	19	7.63	19
405	-83	6	Min.	0.00	0.00	19	0.00	19	0.00	19	991.94	19	448.75	19	7.63	19
405	-83	6	Min.	4.69	0.00	19	0.00	19	0.00	19	1017.51	19	495.84	19	7.63	19
406	8	-84	Max	25.00	0.00	19	0.00	19	0.00	19	-772.84	19	200.83	19	-17.32	19
406	8	-84	Max	29.69	0.00	19	0.00	19	0.00	19	-751.46	19	165.10	19	-17.32	19
406	8	-84	Min.	25.00	0.00	19	0.00	19	0.00	19	-772.84	19	200.83	19	-17.32	19
406	8	-84	Min.	29.69	0.00	19	0.00	19	0.00	19	-751.46	19	165.10	19	-17.32	19
406	-84	-85	Max	0.00	0.00	19	0.00	19	0.00	19	-751.56	19	165.10	19	-17.32	19
406	-84	-85	Max	29.69	0.00	19	0.00	19	0.00	19	-620.50	19	-38.38	19	-17.32	19
406	-84	-85	Min.	0.00	0.00	19	0.00	19	0.00	19	-751.56	19	165.10	19	-17.32	19
406	-84	-85	Min.	29.69	0.00	19	0.00	19	0.00	19	-620.50	19	-38.38	19	-17.32	19
406	-85	-86	Max	0.00	0.00	19	0.00	19	0.00	19	-620.51	19	-38.38	19	-17.32	19
406	-85	-86	Max	29.69	0.00	19	0.00	19	0.00	19	-497.02	19	-204.08	19	-17.32	19
406	-85	-86	Min.	0.00	0.00	19	0.00	19	0.00	19	-620.51	19	-38.38	19	-17.32	19
406	-85	-86	Min.	29.69	0.00	19	0.00	19	0.00	19	-497.02	19	-204.08	19	-17.32	19
406	-86	-87	Max	0.00	0.00	19	0.00	19	0.00	19	-497.02	19	-204.08	19	-17.32	19
406	-86	-87	Max	29.69	0.00	19	0.00	19	0.00	19	-380.64	19	-334.19	19	-17.32	19
406	-86	-87	Min.	0.00	0.00	19	0.00	19	0.00	19	-497.02	19	-204.08	19	-17.32	19
406	-86	-87	Min.	29.69	0.00	19	0.00	19	0.00	19	-380.64	19	-334.19	19	-17.32	19
406	-87	-88	Max	0.00	0.00	19	0.00	19	0.00	19	-380.64	19	-334.19	19	-17.32	19
406	-87	-88	Max	29.69	0.00	19	0.00	19	0.00	19	-270.38	19	-430.69	19	-17.32	19
406	-87	-88	Min.	0.00	0.00	19	0.00	19	0.00	19	-380.64	19	-334.19	19	-17.32	19
406	-87	-88	Min.	29.69	0.00	19	0.00	19	0.00	19	-270.38	19	-430.69	19	-17.32	19
406	-88	-89	Max	0.00	0.00	19	0.00	19	0.00	19	-270.38	19	-430.69	19	-17.32	19
406	-88	-89	Max	29.69	0.00	19	0.00	19	0.00	19	-164.84	19	-495.20	19	-17.32	19
406	-88	-89	Min.	0.00	0.00	19	0.00	19	0.00	19	-270.38	19	-430.69	19	-17.32	19
406	-88	-89	Min.	29.69	0.00	19	0.00	19	0.00	19	-164.84	19	-495.20	19	-17.32	19
406	-89	-90	Max	0.00	0.00	19	0.00	19	0.00	19	-164.84	19	-495.20	19	-17.32	19
406	-89	-90	Max	29.69	0.00	19	0.00	19	0.00	19	-62.28	19	-528.86	19	-17.32	19
406	-89	-90	Min.	0.00	0.00	19	0.00	19	0.00	19	-164.84	19	-495.20	19	-17.32	19
406	-89	-90	Min.	29.69	0.00	19	0.00	19	0.00	19	-62.28	19	-528.86	19	-17.32	19
406	-90	-91	Max	0.00	0.00	19	0.00	19	0.00	19	-62.28	19	-528.86	19	-17.32	19
406	-90	-91	Max	18.19									-534.53	19		
406	-90	-91	Max	29.69	0.00	19	0.00	19	0.00	19	39.18	19	-532.28	19	-17.32	19
406	-90	-91	Min.	0.00	0.00	19	0.00	19	0.00	19	-62.28	19	-528.86	19	-17.32	19
406	-90	-91	Min.	18.19									-534.53	19		
406	-90	-91	Min.	29.69	0.00	19	0.00	19	0.00	19	39.18	19	-532.28	19	-17.32	19
406	-91	-92	Max	0.00	0.00	19	0.00	19	0.00	19	39.18	19	-532.28	19	-17.32	19

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406	-91	-92	Max	29.69	0.00	19	0.00	19	0.00	19	141.50	19	-505.51	19	-17.32	19
406	-91	-92	Min.	0.00	0.00	19	0.00	19	0.00	19	39.18	19	-532.28	19	-17.32	19
406	-91	-92	Min.	29.69	0.00	19	0.00	19	0.00	19	141.50	19	-505.51	19	-17.32	19
406	-92	-93	Max	0.00	0.00	19	0.00	19	0.00	19	141.50	19	-505.51	19	-17.32	19
406	-92	-93	Max	29.69	0.00	19	0.00	19	0.00	19	246.60	19	-447.99	19	-17.32	19
406	-92	-93	Min.	0.00	0.00	19	0.00	19	0.00	19	141.50	19	-505.51	19	-17.32	19
406	-92	-93	Min.	29.69	0.00	19	0.00	19	0.00	19	246.60	19	-447.99	19	-17.32	19
406	-93	-94	Max	0.00	0.00	19	0.00	19	0.00	19	246.60	19	-447.99	19	-17.32	19
406	-93	-94	Max	29.69	0.00	19	0.00	19	0.00	19	356.24	19	-358.64	19	-17.32	19
406	-93	-94	Min.	0.00	0.00	19	0.00	19	0.00	19	246.60	19	-447.99	19	-17.32	19
406	-93	-94	Min.	29.69	0.00	19	0.00	19	0.00	19	356.24	19	-358.64	19	-17.32	19
406	-94	-95	Max	0.00	0.00	19	0.00	19	0.00	19	356.25	19	-358.64	19	-17.32	19
406	-94	-95	Max	29.69	0.00	19	0.00	19	0.00	19	471.92	19	-235.88	19	-17.32	19
406	-94	-95	Min.	0.00	0.00	19	0.00	19	0.00	19	356.25	19	-358.64	19	-17.32	19
406	-94	-95	Min.	29.69	0.00	19	0.00	19	0.00	19	471.92	19	-235.88	19	-17.32	19
406	-95	-96	Max	0.00	0.00	19	0.00	19	0.00	19	471.92	19	-235.88	19	-17.32	19
406	-95	-96	Max	29.69	0.00	19	0.00	19	0.00	19	594.74	19	-77.73	19	-17.32	19
406	-95	-96	Min.	0.00	0.00	19	0.00	19	0.00	19	471.92	19	-235.88	19	-17.32	19
406	-95	-96	Min.	29.69	0.00	19	0.00	19	0.00	19	594.74	19	-77.73	19	-17.32	19
406	-96	-97	Max	0.00	0.00	19	0.00	19	0.00	19	594.74	19	-77.73	19	-17.32	19
406	-96	-97	Max	29.69	0.00	19	0.00	19	0.00	19	725.26	19	118.01	19	-17.32	19
406	-96	-97	Min.	0.00	0.00	19	0.00	19	0.00	19	594.74	19	-77.73	19	-17.32	19
406	-96	-97	Min.	29.69	0.00	19	0.00	19	0.00	19	725.26	19	118.01	19	-17.32	19
406	-97	-98	Max	0.00	0.00	19	0.00	19	0.00	19	725.27	19	118.01	19	-17.32	19
406	-97	-98	Max	29.69	0.00	19	0.00	19	0.00	19	863.44	19	353.66	19	-17.32	19
406	-97	-98	Min.	0.00	0.00	19	0.00	19	0.00	19	725.27	19	118.01	19	-17.32	19
406	-97	-98	Min.	29.69	0.00	19	0.00	19	0.00	19	863.44	19	353.66	19	-17.32	19
406	-98	7	Max	0.00	0.00	19	0.00	19	0.00	19	863.45	19	353.66	19	-17.32	19
406	-98	7	Max	4.69	0.00	19	0.00	19	0.00	19	885.91	19	394.65	19	-17.32	19
406	-98	7	Min.	0.00	0.00	19	0.00	19	0.00	19	863.45	19	353.66	19	-17.32	19
406	-98	7	Min.	4.69	0.00	19	0.00	19	0.00	19	885.91	19	394.65	19	-17.32	19
602	102	56	Max	0.00	0.00	19	-11.63	19	10.81	19	187.70	19	-71.21	19	-84.84	19
602	102	56	Max	41.00	0.00	19	-8.06	19	6.78	19	85.27	19	-15.25	19	-84.84	19
602	102	56	Min.	0.00	0.00	19	-11.63	19	10.81	19	187.70	19	-71.21	19	-84.84	19
602	102	56	Min.	41.00	0.00	19	-8.06	19	6.78	19	85.27	19	-15.25	19	-84.84	19
602	-322	102	Max	0.00	0.00	19	108.35	19	52.50	19	-1556.71	19	-27.26	19	-57.07	19
602	-322	102	Max	31.62	0.00	19	119.61	19	88.55	19	-1879.08	19	-570.54	19	-57.07	19
602	-322	102	Min.	0.00	0.00	19	108.35	19	52.50	19	-1556.71	19	-27.26	19	-57.07	19
602	-322	102	Min.	31.62	0.00	19	119.61	19	88.55	19	-1879.08	19	-570.54	19	-57.07	19
602	-323	-322	Max	0.00	0.00	19	32.06	19	-46.50	19	-155.64	19	261.30	19	30.42	19
602	-323	-322	Max	56.62	0.00	19	52.22	19	-22.64	19	-732.84	19	9.75	19	30.42	19
602	-323	-322	Min.	0.00	0.00	19	32.06	19	-46.50	19	-155.64	19	261.30	19	30.42	19
602	-323	-322	Min.	56.62	0.00	19	52.22	19	-22.64	19	-732.84	19	9.75	19	30.42	19
602	-324	-323	Max	0.00	0.00	19	9.58	19	-103.76	19	81.41	19	485.69	19	23.37	19
602	-324	-323	Max	7.99					-102.88	19			488.94	19		
602	-324	-323	Max	56.62	0.00	19	29.73	19	-92.63	19	-495.79	19	368.37	19	23.37	19
602	-324	-323	Min.	0.00	0.00	19	9.58	19	-103.76	19	81.41	19	485.69	19	23.37	19
602	-324	-323	Min.	7.99					-102.88	19			488.94	19		
602	-324	-323	Min.	56.62	0.00	19	29.73	19	-92.63	19	-495.79	19	368.37	19	23.37	19
602	-325	-324	Max	0.00	0.00	19	-10.11	19	-120.40	19	288.97	19	528.72	19	-8.72	19
602	-325	-324	Max	28.35					-121.84	19			569.68	19		
602	-325	-324	Max	56.62	0.00	19	10.04	19	-120.42	19	-288.23	19	528.93	19	-8.72	19
602	-325	-324	Min.	0.00	0.00	19	-10.11	19	-120.40	19	288.97	19	528.72	19	-8.72	19
602	-325	-324	Min.	28.35					-121.84	19			569.68	19		
602	-325	-324	Min.	56.62	0.00	19	10.04	19	-120.42	19	-288.23	19	528.93	19	-8.72	19
602	-326	-325	Max	0.00	0.00	19	-29.56	19	-97.06	19	493.94	19	388.94	19	-43.63	19
602	-326	-325	Max	48.46					-107.20	19			508.62	19		
602	-326	-325	Max	56.62	0.00	19	-9.40	19	-108.09	19	-83.26	19	505.21	19	-43.63	19
602	-326	-325	Min.	0.00	0.00	19	-29.56	19	-97.06	19	493.94	19	388.94	19	-43.63	19
602	-326	-325	Min.	48.46					-107.20	19			508.62	19		
602	-326	-325	Min.	56.62	0.00	19	-9.40	19	-108.09	19	-83.26	19	505.21	19	-43.63	19
602	-327	-326	Max	0.00	0.00	19	-48.26	19	-35.16	19	691.12	19	73.81	19	-79.33	19
602	-327	-326	Max	56.62	0.00	19	-28.11	19	-56.79	19	113.91	19	301.73	19	-79.33	19
602	-327	-326	Min.	0.00	0.00	19	-48.26	19	-35.16	19	691.12	19	73.81	19	-79.33	19
602	-327	-326	Min.	56.62	0.00	19	-28.11	19	-56.79	19	113.91	19	301.73	19	-79.33	19
602	-328	-327	Max	0.00	0.00	19	-72.64	19	71.89	19	948.04	19	-457.81	19	-78.24	19
602	-328	-327	Max	56.62	0.00	19	-52.48	19	36.46	19	370.84	19	-84.40	19	-78.24	19
602	-328	-327	Min.	0.00	0.00	19	-72.64	19	71.89	19	948.04	19	-457.81	19	-78.24	19
602	-328	-327	Min.	56.62	0.00	19	-52.48	19	36.46	19	370.84	19	-84.40	19	-78.24	19
602	103	-328	Max	25.00	0.00	19	-200.93	19	217.54	19	3113.34	19	-1276.25	19	59.80	19
602	103	-328	Max	56.62	0.00	19	-189.67	19	155.77	19	2790.97	19	-342.63	19	59.80	19
602	103	-328	Min.	25.00	0.00	19	-200.93	19	217.54	19	3113.34	19	-1276.25	19	59.80	19
602	103	-328	Min.	56.62	0.00	19	-189.67	19	155.77	19	2790.97	19	-342.63	19	59.80	19
602	-451	103	Max	0.00	0.00	19	81.78	19	166.63	19	-554.54	19	-646.42	19	-26.37	19
602	-451	103	Max	64.38	0.00	19	104.69	19	226.65	19	-1210.74	19	-1214.62	19	-26.37	19
602	-451	103	Min.	0.00	0.00	19	81.78	19	166.63	19	-554.54	19	-646.42	19	-26.37	19
602	-451	103	Min.	64.38	0.00	19	104.69	19	226.65	19	-1210.74	19	-1214.62	19	-26.37	19
602	-452	-451	Max	0.00	0.00	19	37.29	19	8.80	19	-133.33	19	6.75	19	77.53	19
602	-452	-451	Max	64.38	0.00	19	60.20	19	40.18	19	-789.53	19	-290.30	19	77.53	19

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602	-452	-451	Min.	0.00	0.00	19	37.29	19	8.80	19	-133.33	19	6.75	19	77.53	19
602	-452	-451	Min.	64.38	0.00	19	60.20	19	40.18	19	-789.53	19	-290.30	19	77.53	19
602	-453	-452	Max	0.00	0.00	19	16.67	19	-78.87	19	61.84	19	376.03	19	42.03	19
602	-453	-452	Max	6.07					-77.79	19			377.90	19		
602	-453	-452	Max	64.38	0.00	19	39.58	19	-60.77	19	-594.36	19	204.62	19	42.03	19
602	-453	-452	Min.	0.00	0.00	19	16.67	19	-78.87	19	61.84	19	376.03	19	42.03	19
602	-453	-452	Min.	6.07					-77.79	19			377.90	19		
602	-453	-452	Min.	64.38	0.00	19	39.58	19	-60.77	19	-594.36	19	204.62	19	42.03	19
602	-454	-453	Max	0.00	0.00	19	-4.80	19	-118.15	19	265.10	19	522.24	19	-2.13	19
602	-454	-453	Max	26.12					-118.19	19			556.71	19		
602	-454	-453	Max	64.38	0.00	19	18.11	19	-113.87	19	-391.11	19	481.68	19	-2.13	19
602	-454	-453	Min.	0.00	0.00	19	-4.80	19	-118.15	19	265.10	19	522.24	19	-2.13	19
602	-454	-453	Min.	26.12					-118.19	19			556.71	19		
602	-454	-453	Min.	64.38	0.00	19	18.11	19	-113.87	19	-391.11	19	481.68	19	-2.13	19
602	-455	-454	Max	0.00	0.00	19	-25.26	19	-106.96	19	458.79	19	438.81	19	-48.42	19
602	-455	-454	Max	45.01					-114.73	19			542.06	19		
602	-455	-454	Max	64.38	0.00	19	-2.35	19	-115.85	19	-197.42	19	522.94	19	-48.42	19
602	-455	-454	Min.	0.00	0.00	19	-25.26	19	-106.96	19	458.79	19	438.81	19	-48.42	19
602	-455	-454	Min.	45.01					-114.73	19			542.06	19		
602	-455	-454	Min.	64.38	0.00	19	-2.35	19	-115.85	19	-197.42	19	522.94	19	-48.42	19
602	-456	-455	Max	0.00	0.00	19	-45.29	19	-47.16	19	648.40	19	133.31	19	-100.52	19
602	-456	-455	Max	63.61					-68.77	19			339.54	19		
602	-456	-455	Max	64.38	0.00	19	-22.38	19	-68.94	19	-7.80	19	339.51	19	-100.52	19
602	-456	-455	Min.	0.00	0.00	19	-45.29	19	-47.16	19	648.40	19	133.31	19	-100.52	19
602	-456	-455	Min.	63.61					-68.77	19			339.54	19		
602	-456	-455	Min.	64.38	0.00	19	-22.38	19	-68.94	19	-7.80	19	339.51	19	-100.52	19
602	-457	-456	Max	0.00	0.00	19	-65.92	19	59.45	19	843.66	19	-387.60	19	-134.35	19
602	-457	-456	Max	64.38	0.00	19	-43.00	19	24.39	19	187.46	19	-55.70	19	-134.35	19
602	-457	-456	Min.	0.00	0.00	19	-65.92	19	59.45	19	843.66	19	-387.60	19	-134.35	19
602	-457	-456	Min.	64.38	0.00	19	-43.00	19	24.39	19	187.46	19	-55.70	19	-134.35	19
602	106	-457	Max	12.50	0.00	19	-187.14	19	258.52	19	2197.82	19	-1478.78	19	9.23	19
602	106	-457	Max	64.38	0.00	19	-168.67	19	166.24	19	1669.03	19	-475.81	19	9.23	19
602	106	-457	Min.	12.50	0.00	19	-187.14	19	258.52	19	2197.82	19	-1478.78	19	9.23	19
602	106	-457	Min.	64.38	0.00	19	-168.67	19	166.24	19	1669.03	19	-475.81	19	9.23	19
602	-467	106	Max	0.00	0.00	19	187.14	19	173.99	19	-1760.54	19	-490.35	19	-25.89	19
602	-467	106	Max	55.00	0.00	19	206.72	19	282.30	19	-2321.19	19	-1612.83	19	-25.89	19
602	-467	106	Min.	0.00	0.00	19	187.14	19	173.99	19	-1760.54	19	-490.35	19	-25.89	19
602	-467	106	Min.	55.00	0.00	19	206.72	19	282.30	19	-2321.19	19	-1612.83	19	-25.89	19
602	-468	-467	Max	0.00	0.00	19	46.18	19	5.11	19	-185.97	19	32.98	19	145.70	19
602	-468	-467	Max	67.50	0.00	19	70.20	19	44.39	19	-874.03	19	-324.77	19	145.70	19
602	-468	-467	Min.	0.00	0.00	19	46.18	19	5.11	19	-185.97	19	32.98	19	145.70	19
602	-468	-467	Min.	67.50	0.00	19	70.20	19	44.39	19	-874.03	19	-324.77	19	145.70	19
602	-469	-468	Max	0.00	0.00	19	24.23	19	-103.89	19	13.91	19	498.85	19	116.93	19
602	-469	-468	Max	1.35					-103.56	19			498.95	19		
602	-469	-468	Max	67.50	0.00	19	48.26	19	-79.42	19	-674.15	19	276.02	19	116.93	19
602	-469	-468	Min.	0.00	0.00	19	24.23	19	-103.89	19	13.91	19	498.85	19	116.93	19
602	-469	-468	Min.	1.35					-103.56	19			498.95	19		
602	-469	-468	Min.	67.50	0.00	19	48.26	19	-79.42	19	-674.15	19	276.02	19	116.93	19
602	-470	-469	Max	0.00	0.00	19	4.09	19	-162.29	19	197.40	19	735.65	19	63.76	19
602	-470	-469	Max	19.37					-160.83	19			754.77	19		
602	-470	-469	Max	67.50	0.00	19	28.11	19	-151.42	19	-490.66	19	636.68	19	63.76	19
602	-470	-469	Min.	0.00	0.00	19	4.09	19	-162.29	19	197.40	19	735.65	19	63.76	19
602	-470	-469	Min.	19.37					-160.83	19			754.77	19		
602	-470	-469	Min.	67.50	0.00	19	28.11	19	-151.42	19	-490.66	19	636.68	19	63.76	19
602	-471	-470	Max	0.00	0.00	19	-14.82	19	-170.32	19	369.58	19	743.58	19	10.40	19
602	-471	-470	Max	36.26					-173.35	19			810.58	19		
602	-471	-470	Max	67.50	0.00	19	9.21	19	-172.21	19	-318.48	19	760.82	19	10.40	19
602	-471	-470	Min.	0.00	0.00	19	-14.82	19	-170.32	19	369.58	19	743.58	19	10.40	19
602	-471	-470	Min.	36.26					-173.35	19			810.58	19		
602	-471	-470	Min.	67.50	0.00	19	9.21	19	-172.21	19	-318.48	19	760.82	19	10.40	19
602	-472	-471	Max	0.00	0.00	19	-32.78	19	-130.71	19	533.12	19	534.66	19	-44.71	19
602	-472	-471	Max	52.30					-142.98	19			674.08	19		
602	-472	-471	Max	67.50	0.00	19	-8.75	19	-144.72	19	-154.94	19	662.30	19	-44.71	19
602	-472	-471	Min.	0.00	0.00	19	-32.78	19	-130.71	19	533.12	19	534.66	19	-44.71	19
602	-472	-471	Min.	52.30					-142.98	19			674.08	19		
602	-472	-471	Min.	67.50	0.00	19	-8.75	19	-144.72	19	-154.94	19	662.30	19	-44.71	19
602	-473	-472	Max	0.00	0.00	19	-52.10	19	-44.30	19	709.12	19	109.23	19	-63.26	19
602	-473	-472	Max	67.50	0.00	19	-28.07	19	-71.36	19	21.07	19	355.67	19	-63.26	19
602	-473	-472	Min.	0.00	0.00	19	-52.10	19	-44.30	19	709.12	19	109.23	19	-63.26	19
602	-473	-472	Min.	67.50	0.00	19	-28.07	19	-71.36	19	21.07	19	355.67	19	-63.26	19
602	107	-473	Max	25.00	0.00	19	-166.33	19	123.11	19	2147.02	19	-800.62	19	115.99	19
602	107	-473	Max	67.50	0.00	19	-151.20	19	55.63	19	1713.80	19	19.80	19	115.99	19
602	107	-473	Min.	25.00	0.00	19	-166.33	19	123.11	19	2147.02	19	-800.62	19	115.99	19
602	107	-473	Min.	67.50	0.00	19	-151.20	19	55.63	19	1713.80	19	19.80	19	115.99	19
602	61	107	Max	0.00	0.00	19	11.92	19	8.80	19	-134.39	19	-17.39	19	51.16	19
602	61	107	Max	42.00	0.00	19	15.58	19	14.57	19	-239.33	19	-95.87	19	51.16	19
602	61	107	Min.	0.00	0.00	19	11.92	19	8.80	19	-134.39	19	-17.39	19	51.16	19
602	61	107	Min.	42.00	0.00	19	15.58	19	14.57	19	-239.33	19	-95.87	19	51.16	19
603	101	54	Max	0.00	-1018.82	19	-286.02	19	59.88	19	33.58	19	-9.57	19	-2.46	19

Relazione di calcolo

603	101	54	Max	22.40					-4.20	19				-5.81	19		
603	101	54	Max	42.00	-1021.08	19	-286.02	19	-60.25	19	-29.38	19	-8.68	19	-2.46	19	
603	101	54	Min.	0.00	-1018.82	19	-286.02	19	59.88	19	33.58	19	-9.57	19	-2.46	19	
603	101	54	Min.	22.40					-4.20	19				-5.81	19		
603	101	54	Min.	42.00	-1021.08	19	-286.02	19	-60.25	19	-29.38	19	-8.68	19	-2.46	19	
603	-344	101	Max	0.00	-1737.02	19	-443.42	19	85.95	19	-279.96	19	9.81	19	-19.20	19	
603	-344	101	Max	34.43	-1738.87	19	-443.42	19	-66.72	19	-331.57	19	-95.46	19	-19.20	19	
603	-344	101	Min.	0.00	-1737.02	19	-443.42	19	85.95	19	-279.96	19	9.81	19	-19.20	19	
603	-344	101	Min.	34.43	-1738.87	19	-443.42	19	-66.72	19	-331.57	19	-95.46	19	-19.20	19	
603	-345	-344	Max	0.00	-1092.51	19	-192.24	19	57.81	19	-34.51	19	76.47	19	9.25	19	
603	-345	-344	Max	59.41	-1095.70	19	-192.24	19	-56.40	19	-123.57	19	29.51	19	9.25	19	
603	-345	-344	Min.	0.00	-1092.51	19	-192.24	19	57.81	19	-34.51	19	76.47	19	9.25	19	
603	-345	-344	Min.	59.41	-1095.70	19	-192.24	19	-56.40	19	-123.57	19	29.51	19	9.25	19	
603	-346	-345	Max	0.00	-523.57	19	-203.43	19	61.58	19	-9.21	19	129.28	19	15.03	19	
603	-346	-345	Max	59.41	-526.75	19	-203.43	19	-59.28	19	-98.28	19	97.35	19	15.03	19	
603	-346	-345	Min.	0.00	-523.57	19	-203.43	19	61.58	19	-9.21	19	129.28	19	15.03	19	
603	-346	-345	Min.	59.41	-526.75	19	-203.43	19	-59.28	19	-98.28	19	97.35	19	15.03	19	
603	-347	-346	Max	0.00	302.04	19	-220.01	19	66.96	19	13.96	19	142.81	19	20.94	19	
603	-347	-346	Max	9.31					46.47	19			143.46	19			
603	-347	-346	Max	59.41	298.85	19	-220.01	19	-63.76	19	-75.11	19	124.65	19	20.94	19	
603	-347	-346	Min.	0.00	302.04	19	-220.01	19	66.96	19	13.96	19	142.81	19	20.94	19	
603	-347	-346	Min.	9.31					46.47	19			143.46	19			
603	-347	-346	Min.	59.41	298.85	19	-220.01	19	-63.76	19	-75.11	19	124.65	19	20.94	19	
603	-348	-347	Max	0.00	1130.65	19	-242.50	19	74.16	19	35.66	19	117.08	19	27.85	19	
603	-348	-347	Max	23.77					16.53	19			121.33	19			
603	-348	-347	Max	59.41	1127.47	19	-242.50	19	-69.91	19	-53.40	19	111.81	19	27.85	19	
603	-348	-347	Min.	0.00	1130.65	19	-242.50	19	74.16	19	35.66	19	117.08	19	27.85	19	
603	-348	-347	Min.	23.77					16.53	19			121.33	19			
603	-348	-347	Min.	59.41	1127.47	19	-242.50	19	-69.91	19	-53.40	19	111.81	19	27.85	19	
603	-349	-348	Max	0.00	1703.11	19	-271.28	19	83.23	19	60.32	19	48.35	19	34.61	19	
603	-349	-348	Max	40.24					-25.93	19			60.48	19			
603	-349	-348	Max	59.41	1699.92	19	-271.28	19	-77.95	19	-28.74	19	57.73	19	34.61	19	
603	-349	-348	Min.	0.00	1703.11	19	-271.28	19	83.23	19	60.32	19	48.35	19	34.61	19	
603	-349	-348	Min.	40.24					-25.93	19			60.48	19			
603	-349	-348	Min.	59.41	1699.92	19	-271.28	19	-77.95	19	-28.74	19	57.73	19	34.61	19	
603	-350	-349	Max	0.00	1736.69	19	-308.95	19	95.38	19	92.60	19	-69.76	19	47.12	19	
603	-350	-349	Max	59.41	1733.50	19	-308.95	19	-88.18	19	3.53	19	-41.20	19	47.12	19	
603	-350	-349	Min.	0.00	1736.69	19	-308.95	19	95.38	19	92.60	19	-69.76	19	47.12	19	
603	-350	-349	Min.	59.41	1733.50	19	-308.95	19	-88.18	19	3.53	19	-41.20	19	47.12	19	
603	102	-350	Max	24.98	1474.26	19	-863.08	19	136.44	19	708.90	19	-342.54	19	123.50	19	
603	102	-350	Max	59.41	1472.42	19	-863.08	19	-160.71	19	657.29	19	-107.36	19	123.50	19	
603	102	-350	Min.	24.98	1474.26	19	-863.08	19	136.44	19	708.90	19	-342.54	19	123.50	19	
603	102	-350	Min.	59.41	1472.42	19	-863.08	19	-160.71	19	657.29	19	-107.36	19	123.50	19	
603	47	102	Max	0.00	736.42	19	-1139.85	19	193.11	19	-276.62	19	13.06	19	64.90	19	
603	47	102	Max	28.02	734.91	19	-1139.85	19	-126.23	19	-318.61	19	-70.32	19	64.90	19	
603	47	102	Min.	0.00	736.42	19	-1139.85	19	193.11	19	-276.62	19	13.06	19	64.90	19	
603	47	102	Min.	28.02	734.91	19	-1139.85	19	-126.23	19	-318.61	19	-70.32	19	64.90	19	
604	104	52	Max	0.00	-553.72	19	0.08	19	-14.00	19	111.58	19	-35.22	19	-183.08	19	
604	104	52	Max	42.00	-555.97	19	0.08	19	-13.96	19	48.63	19	-1.58	19	-183.08	19	
604	104	52	Min.	0.00	-553.72	19	0.08	19	-14.00	19	111.58	19	-35.22	19	-183.08	19	
604	104	52	Min.	42.00	-555.97	19	0.08	19	-13.96	19	48.63	19	-1.58	19	-183.08	19	
604	103	104	Max	24.98	301.44	19	1.98	19	-4.18	19	351.58	19	-274.70	19	0.27	19	
604	103	104	Max	259.52					0.45	19			137.59	19			
604	103	104	Max	450.32	278.62	19	1.98	19	4.22	19	-286.02	19	-135.28	19	0.27	19	
604	103	104	Min.	24.98	301.44	19	1.98	19	-4.18	19	351.58	19	-274.70	19	0.27	19	
604	103	104	Min.	259.52					0.45	19			137.59	19			
604	103	104	Min.	450.32	278.62	19	1.98	19	4.22	19	-286.02	19	-135.28	19	0.27	19	
604	-4	103	Max	0.00	-127.99	19	64.49	19	-3.99	19	-486.72	19	28.43	19	124.49	19	
604	-4	103	Max	36.86	-129.97	19	64.49	19	19.78	19	-541.98	19	-161.15	19	124.49	19	
604	-4	103	Min.	0.00	-127.99	19	64.49	19	-3.99	19	-486.72	19	28.43	19	124.49	19	
604	-4	103	Min.	36.86	-129.97	19	64.49	19	19.78	19	-541.98	19	-161.15	19	124.49	19	
605	49	105	Max	0.00	-388.39	19	-195.70	19	42.23	19	-132.06	19	7.65	19	-14.85	19	
605	49	105	Max	42.00	-386.13	19	-195.70	19	-39.96	19	-195.02	19	-61.03	19	-14.85	19	
605	49	105	Min.	0.00	-388.39	19	-195.70	19	42.23	19	-132.06	19	7.65	19	-14.85	19	
605	49	105	Min.	42.00	-386.13	19	-195.70	19	-39.96	19	-195.02	19	-61.03	19	-14.85	19	
605	105	106	Max	24.98	-319.41	19	-5.13	19	10.46	19	307.18	19	-195.05	19	6.04	19	
605	105	106	Max	229.90					-0.06	19			119.69	19			
605	105	106	Max	450.32	-296.59	19	-5.13	19	-11.38	19	-330.42	19	-244.46	19	6.04	19	
605	105	106	Min.	24.98	-319.41	19	-5.13	19	10.46	19	307.18	19	-195.05	19	6.04	19	
605	105	106	Min.	229.90					-0.06	19			119.69	19			
605	105	106	Min.	450.32	-296.59	19	-5.13	19	-11.38	19	-330.42	19	-244.46	19	6.04	19	
605	106	-3	Max	0.00	-798.52	19	-145.98	19	50.65	19	162.23	19	-121.31	19	24.06	19	
605	106	-3	Max	71.92	-794.66	19	-145.98	19	-54.33	19	54.42	19	-43.40	19	24.06	19	
605	106	-3	Min.	0.00	-798.52	19	-145.98	19	50.65	19	162.23	19	-121.31	19	24.06	19	
605	106	-3	Min.	71.92	-794.66	19	-145.98	19	-54.33	19	54.42	19	-43.40	19	24.06	19	
606	51	108	Max	0.00	-1136.29	19	1241.78	19	-265.23	19	-81.62	19	-6.47	19	58.43	19	
606	51	108	Max	42.00	-1134.04	19	1241.78	19	256.31	19	-144.58	19	-53.98	19	58.43	19	
606	51	108	Min.	0.00	-1136.29	19	1241.78	19	-265.23	19	-81.62	19	-6.47	19	58.43	19	
606	51	108	Min.	42.00	-1134.04	19	1241.78	19	256.31	19	-144.58	19	-53.98	19	58.43	19	

Relazione di calcolo

606	108	-429	Max	24.98	-2114.78	19	1864.25	19	-284.97	19	242.68	19	-133.94	19	139.19	19
606	108	-429	Max	59.41	-2112.94	19	1864.25	19	356.87	19	191.07	19	-59.28	19	139.19	19
606	108	-429	Min.	24.98	-2114.78	19	1864.25	19	-284.97	19	242.68	19	-133.94	19	139.19	19
606	108	-429	Min.	59.41	-2112.94	19	1864.25	19	356.87	19	191.07	19	-59.28	19	139.19	19
606	-429	-428	Max	0.00	-1574.79	19	738.38	19	-223.99	19	41.73	19	21.34	19	60.78	19
606	-429	-428	Max	27.84					-18.44	19			27.15	19		
606	-429	-428	Max	59.41	-1571.60	19	738.38	19	214.71	19	-47.33	19	19.68	19	60.78	19
606	-429	-428	Min.	0.00	-1574.79	19	738.38	19	-223.99	19	41.73	19	21.34	19	60.78	19
606	-429	-428	Min.	27.84					-18.44	19			27.15	19		
606	-429	-428	Min.	59.41	-1571.60	19	738.38	19	214.71	19	-47.33	19	19.68	19	60.78	19
606	-428	-427	Max	0.00	-1169.21	19	694.36	19	-208.92	19	35.98	19	99.63	19	34.75	19
606	-428	-427	Max	24.14					-41.30	19			103.95	19		
606	-428	-427	Max	59.41	-1166.02	19	694.36	19	203.62	19	-53.08	19	94.55	19	34.75	19
606	-428	-427	Min.	0.00	-1169.21	19	694.36	19	-208.92	19	35.98	19	99.63	19	34.75	19
606	-428	-427	Min.	24.14					-41.30	19			103.95	19		
606	-428	-427	Min.	59.41	-1166.02	19	694.36	19	203.62	19	-53.08	19	94.55	19	34.75	19
606	-427	-426	Max	0.00	-419.05	19	672.84	19	-200.79	19	37.18	19	131.62	19	11.93	19
606	-427	-426	Max	24.80					-33.89	19			136.23	19		
606	-427	-426	Max	59.41	-415.86	19	672.84	19	198.97	19	-51.88	19	127.25	19	11.93	19
606	-427	-426	Min.	0.00	-419.05	19	672.84	19	-200.79	19	37.18	19	131.62	19	11.93	19
606	-427	-426	Min.	24.80					-33.89	19			136.23	19		
606	-427	-426	Min.	59.41	-415.86	19	672.84	19	198.97	19	-51.88	19	127.25	19	11.93	19
606	-426	-425	Max	0.00	410.70	19	672.33	19	-198.90	19	38.61	19	123.84	19	-10.82	19
606	-426	-425	Max	25.76					-25.72	19			128.81	19		
606	-426	-425	Max	59.41	413.89	19	672.33	19	200.55	19	-50.45	19	120.32	19	-10.82	19
606	-426	-425	Min.	0.00	410.70	19	672.33	19	-198.90	19	38.61	19	123.84	19	-10.82	19
606	-426	-425	Min.	25.76					-25.72	19			128.81	19		
606	-426	-425	Min.	59.41	413.89	19	672.33	19	200.55	19	-50.45	19	120.32	19	-10.82	19
606	-425	-424	Max	0.00	1065.81	19	692.69	19	-203.23	19	38.80	19	76.22	19	-33.34	19
606	-425	-424	Max	25.88					-23.95	19			81.24	19		
606	-425	-424	Max	59.41	1068.99	19	692.69	19	208.32	19	-50.27	19	72.81	19	-33.34	19
606	-425	-424	Min.	0.00	1065.81	19	692.69	19	-203.23	19	38.80	19	76.22	19	-33.34	19
606	-425	-424	Min.	25.88					-23.95	19			81.24	19		
606	-425	-424	Min.	59.41	1068.99	19	692.69	19	208.32	19	-50.27	19	72.81	19	-33.34	19
606	-424	-423	Max	0.00	1268.20	19	735.98	19	-214.01	19	26.15	19	-16.05	19	-60.58	19
606	-424	-423	Max	17.44					-85.64	19			-13.77	19		
606	-424	-423	Max	59.41	1271.38	19	735.98	19	223.26	19	-62.92	19	-26.97	19	-60.58	19
606	-424	-423	Min.	0.00	1268.20	19	735.98	19	-214.01	19	26.15	19	-16.05	19	-60.58	19
606	-424	-423	Min.	17.44					-85.64	19			-13.77	19		
606	-424	-423	Min.	59.41	1271.38	19	735.98	19	223.26	19	-62.92	19	-26.97	19	-60.58	19
606	-423	107	Max	0.00	1179.41	19	1862.85	19	-356.24	19	-374.97	19	-94.39	19	-143.78	19
606	-423	107	Max	34.43	1181.26	19	1862.85	19	285.12	19	-426.58	19	-232.37	19	-143.78	19
606	-423	107	Min.	0.00	1179.41	19	1862.85	19	-356.24	19	-374.97	19	-94.39	19	-143.78	19
606	-423	107	Min.	34.43	1181.26	19	1862.85	19	285.12	19	-426.58	19	-232.37	19	-143.78	19
606	107	-2	Max	0.00	57.03	19	574.27	19	-232.00	19	137.52	19	-122.42	19	-64.46	19
606	107	-2	Max	82.51	61.46	19	574.27	19	241.85	19	13.83	19	-59.98	19	-64.46	19
606	107	-2	Min.	0.00	57.03	19	574.27	19	-232.00	19	137.52	19	-122.42	19	-64.46	19
606	107	-2	Min.	82.51	61.46	19	574.27	19	241.85	19	13.83	19	-59.98	19	-64.46	19
607	109	53	Max	0.00	-1022.61	19	-668.36	19	137.90	19	133.93	19	-51.97	19	-32.18	19
607	109	53	Max	42.00	-1024.86	19	-668.36	19	-142.81	19	70.97	19	-8.94	19	-32.18	19
607	109	53	Min.	0.00	-1022.61	19	-668.36	19	137.90	19	133.93	19	-51.97	19	-32.18	19
607	109	53	Min.	42.00	-1024.86	19	-668.36	19	-142.81	19	70.97	19	-8.94	19	-32.18	19
607	-416	109	Max	0.00	-1889.22	19	-998.39	19	190.35	19	-215.41	19	-26.99	19	-84.63	19
607	-416	109	Max	34.43	-1891.07	19	-998.39	19	-153.39	19	-267.02	19	-110.04	19	-84.63	19
607	-416	109	Min.	0.00	-1889.22	19	-998.39	19	190.35	19	-215.41	19	-26.99	19	-84.63	19
607	-416	109	Min.	34.43	-1891.07	19	-998.39	19	-153.39	19	-267.02	19	-110.04	19	-84.63	19
607	-417	-416	Max	0.00	-1299.77	19	-390.70	19	113.48	19	18.12	19	45.23	19	-33.87	19
607	-417	-416	Max	12.26					65.59	19			46.33	19		
607	-417	-416	Max	59.41	-1302.96	19	-390.70	19	-118.65	19	-70.94	19	29.54	19	-33.87	19
607	-417	-416	Min.	0.00	-1299.77	19	-390.70	19	113.48	19	18.12	19	45.23	19	-33.87	19
607	-417	-416	Min.	12.26					65.59	19			46.33	19		
607	-417	-416	Min.	59.41	-1302.96	19	-390.70	19	-118.65	19	-70.94	19	29.54	19	-33.87	19
607	-418	-417	Max	0.00	-807.13	19	-365.50	19	106.99	19	38.11	19	107.59	19	-20.82	19
607	-418	-417	Max	25.42					14.07	19			112.43	19		
607	-418	-417	Max	59.41	-810.31	19	-365.50	19	-110.17	19	-50.95	19	103.77	19	-20.82	19
607	-418	-417	Min.	0.00	-807.13	19	-365.50	19	106.99	19	38.11	19	107.59	19	-20.82	19
607	-418	-417	Min.	25.42					14.07	19			112.43	19		
607	-418	-417	Min.	59.41	-810.31	19	-365.50	19	-110.17	19	-50.95	19	103.77	19	-20.82	19
607	-419	-418	Max	0.00	-15.55	19	-351.45	19	103.67	19	53.63	19	128.98	19	-9.65	19
607	-419	-418	Max	35.65					-21.62	19			138.57	19		
607	-419	-418	Max	59.41	-18.74	19	-351.45	19	-105.14	19	-35.43	19	134.39	19	-9.65	19
607	-419	-418	Min.	0.00	-15.55	19	-351.45	19	103.67	19	53.63	19	128.98	19	-9.65	19
607	-419	-418	Min.	35.65					-21.62	19			138.57	19		
607	-419	-418	Min.	59.41	-18.74	19	-351.45	19	-105.14	19	-35.43	19	134.39	19	-9.65	19
607	-420	-419	Max	0.00	815.44	19	-347.69	19	103.40	19	69.10	19	110.74	19	1.49	19
607	-420	-419	Max	46.10					-56.88	19			126.67	19		
607	-420	-419	Max	59.41	812.25	19	-347.69	19	-103.17	19	-19.96	19	125.34	19	1.49	19
607	-420	-419	Min.	0.00	815.44	19	-347.69	19	103.40	19	69.10	19	110.74	19	1.49	19
607	-420	-419	Min.	46.10					-56.88	19			126.67	19		

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607	-420	-419	Min.	59.41	812.25	19	-347.69	19	-103.17	19	-19.96	19	125.34	19	1.49	19
607	-421	-420	Max	0.00	1428.97	19	-353.85	19	106.02	19	87.71	19	50.27	19	11.86	19
607	-421	-420	Max	58.52					-101.06	19			75.93	19		
607	-421	-420	Max	59.41	1425.78	19	-353.85	19	-104.21	19	-1.35	19	75.93	19	11.86	19
607	-421	-420	Min.	0.00	1428.97	19	-353.85	19	106.02	19	87.71	19	50.27	19	11.86	19
607	-421	-420	Min.	58.52					-101.06	19			75.93	19		
607	-421	-420	Min.	59.41	1425.78	19	-353.85	19	-104.21	19	-1.35	19	75.93	19	11.86	19
607	-422	-421	Max	0.00	1544.39	19	-371.44	19	112.35	19	116.90	19	-60.98	19	26.31	19
607	-422	-421	Max	59.41	1541.20	19	-371.44	19	-108.33	19	27.84	19	-17.99	19	26.31	19
607	-422	-421	Min.	0.00	1544.39	19	-371.44	19	112.35	19	116.90	19	-60.98	19	26.31	19
607	-422	-421	Min.	59.41	1541.20	19	-371.44	19	-108.33	19	27.84	19	-17.99	19	26.31	19
607	110	-422	Max	24.98	1374.49	19	-954.11	19	147.47	19	645.50	19	-299.67	19	92.45	19
607	110	-422	Max	59.41	1372.64	19	-954.11	19	-181.02	19	593.89	19	-86.31	19	92.45	19
607	110	-422	Min.	24.98	1374.49	19	-954.11	19	147.47	19	645.50	19	-299.67	19	92.45	19
607	110	-422	Min.	59.41	1372.64	19	-954.11	19	-181.02	19	593.89	19	-86.31	19	92.45	19
607	-489	110	Max	0.00	208.24	19	-625.51	19	140.96	19	-217.92	19	-53.21	19	46.81	19
607	-489	110	Max	43.93	205.88	19	-625.51	19	-133.81	19	-283.77	19	-163.41	19	46.81	19
607	-489	110	Min.	0.00	208.24	19	-625.51	19	140.96	19	-217.92	19	-53.21	19	46.81	19
607	-489	110	Min.	43.93	205.88	19	-625.51	19	-133.81	19	-283.77	19	-163.41	19	46.81	19
607	-5	-489	Max	0.00	-7.67	19	-650.99	19	143.57	19	-15.02	19	-0.52	19	7.71	19
607	-5	-489	Max	43.93	-10.02	19	-650.99	19	-142.40	19	-80.87	19	-21.59	19	7.71	19
607	-5	-489	Min.	0.00	-7.67	19	-650.99	19	143.57	19	-15.02	19	-0.52	19	7.71	19
607	-5	-489	Min.	43.93	-10.02	19	-650.99	19	-142.40	19	-80.87	19	-21.59	19	7.71	19
608	50	112	Max	0.00	-806.54	19	659.76	19	-140.75	19	-86.85	19	-11.57	19	28.86	19
608	50	112	Max	42.00	-804.28	19	659.76	19	136.34	19	-149.81	19	-61.27	19	28.86	19
608	50	112	Min.	0.00	-806.54	19	659.76	19	-140.75	19	-86.85	19	-11.57	19	28.86	19
608	50	112	Min.	42.00	-804.28	19	659.76	19	136.34	19	-149.81	19	-61.27	19	28.86	19
608	112	-443	Max	24.98	-1514.22	19	999.02	19	-151.51	19	208.13	19	-72.85	19	58.87	19
608	112	-443	Max	59.41	-1512.37	19	999.02	19	192.44	19	156.52	19	-10.08	19	58.87	19
608	112	-443	Min.	24.98	-1514.22	19	999.02	19	-151.51	19	208.13	19	-72.85	19	58.87	19
608	112	-443	Min.	59.41	-1512.37	19	999.02	19	192.44	19	156.52	19	-10.08	19	58.87	19
608	-443	-442	Max	0.00	-960.33	19	402.59	19	-122.00	19	85.25	19	33.72	19	31.52	19
608	-443	-442	Max	56.87					106.94	19			57.96	19		
608	-443	-442	Max	59.41	-957.14	19	402.59	19	117.19	19	-3.82	19	57.91	19	31.52	19
608	-443	-442	Min.	0.00	-960.33	19	402.59	19	-122.00	19	85.25	19	33.72	19	31.52	19
608	-443	-442	Min.	56.87					106.94	19			57.96	19		
608	-443	-442	Min.	59.41	-957.14	19	402.59	19	117.19	19	-3.82	19	57.91	19	31.52	19
608	-442	-441	Max	0.00	-441.64	19	379.46	19	-114.15	19	60.26	19	100.10	19	18.67	19
608	-442	-441	Max	40.20					38.38	19			112.21	19		
608	-442	-441	Max	59.41	-438.45	19	379.46	19	111.30	19	-28.81	19	109.44	19	18.67	19
608	-442	-441	Min.	0.00	-441.64	19	379.46	19	-114.15	19	60.26	19	100.10	19	18.67	19
608	-442	-441	Min.	40.20					38.38	19			112.21	19		
608	-442	-441	Min.	59.41	-438.45	19	379.46	19	111.30	19	-28.81	19	109.44	19	18.67	19
608	-441	-440	Max	0.00	323.86	19	367.69	19	-109.75	19	34.37	19	126.10	19	6.87	19
608	-441	-440	Max	22.93					-25.45	19			130.04	19		
608	-441	-440	Max	59.41	327.04	19	367.69	19	108.70	19	-54.69	19	120.06	19	6.87	19
608	-441	-440	Min.	0.00	323.86	19	367.69	19	-109.75	19	34.37	19	126.10	19	6.87	19
608	-441	-440	Min.	22.93					-25.45	19			130.04	19		
608	-441	-440	Min.	59.41	327.04	19	367.69	19	108.70	19	-54.69	19	120.06	19	6.87	19
608	-440	-439	Max	0.00	1081.25	19	366.87	19	-108.59	19	11.73	19	112.39	19	-5.08	19
608	-440	-439	Max	7.83					-79.88	19			112.85	19		
608	-440	-439	Max	59.41	1084.44	19	366.87	19	109.37	19	-77.33	19	92.90	19	-5.08	19
608	-440	-439	Min.	0.00	1081.25	19	366.87	19	-108.59	19	11.73	19	112.39	19	-5.08	19
608	-440	-439	Min.	7.83					-79.88	19			112.85	19		
608	-440	-439	Min.	59.41	1084.44	19	366.87	19	109.37	19	-77.33	19	92.90	19	-5.08	19
608	-439	-438	Max	0.00	1577.50	19	376.65	19	-110.66	19	-24.50	19	59.97	19	-16.15	19
608	-439	-438	Max	59.41	1580.69	19	376.65	19	113.12	19	-113.56	19	18.95	19	-16.15	19
608	-439	-438	Min.	0.00	1577.50	19	376.65	19	-110.66	19	-24.50	19	59.97	19	-16.15	19
608	-439	-438	Min.	59.41	1580.69	19	376.65	19	113.12	19	-113.56	19	18.95	19	-16.15	19
608	-438	-437	Max	0.00	1516.41	19	397.75	19	-115.89	19	-47.98	19	-42.97	19	-29.63	19
608	-438	-437	Max	59.41	1519.60	19	397.75	19	120.42	19	-137.04	19	-97.94	19	-29.63	19
608	-438	-437	Min.	0.00	1516.41	19	397.75	19	-115.89	19	-47.98	19	-42.97	19	-29.63	19
608	-438	-437	Min.	59.41	1519.60	19	397.75	19	120.42	19	-137.04	19	-97.94	19	-29.63	19
608	-437	111	Max	0.00	1097.25	19	1001.23	19	-191.62	19	-550.65	19	-110.47	19	-75.24	19
608	-437	111	Max	34.43	1099.10	19	1001.23	19	153.09	19	-602.26	19	-308.94	19	-75.24	19
608	-437	111	Min.	0.00	1097.25	19	1001.23	19	-191.62	19	-550.65	19	-110.47	19	-75.24	19
608	-437	111	Min.	34.43	1099.10	19	1001.23	19	153.09	19	-602.26	19	-308.94	19	-75.24	19
608	111	-495	Max	0.00	-10.06	19	596.60	19	-139.52	19	259.64	19	-161.22	19	-28.40	19
608	111	-495	Max	47.50	-7.52	19	596.60	19	143.86	19	188.44	19	-54.80	19	-28.40	19
608	111	-495	Min.	0.00	-10.06	19	596.60	19	-139.52	19	259.64	19	-161.22	19	-28.40	19
608	111	-495	Min.	47.50	-7.52	19	596.60	19	143.86	19	188.44	19	-54.80	19	-28.40	19
608	-495	48	Max	0.00	-238.01	19	604.67	19	-144.46	19	63.94	19	-16.49	19	11.17	19
608	-495	48	Max	42.66					113.46	19			-2.85	19		
608	-495	48	Max	47.50	-235.46	19	604.67	19	142.75	19	-7.26	19	-3.03	19	11.17	19
608	-495	48	Min.	0.00	-238.01	19	604.67	19	-144.46	19	63.94	19	-16.49	19	11.17	19
608	-495	48	Min.	42.66					113.46	19			-2.85	19		
608	-495	48	Min.	47.50	-235.46	19	604.67	19	142.75	19	-7.26	19	-3.03	19	11.17	19
609	57	101	Max	0.00	0.00	19	-5.43	19	-4.65	19	-48.79	19	-10.51	19	26.11	19
609	57	101	Max	41.00	0.00	19	-9.00	19	-7.61	19	-151.23	19	-51.52	19	26.11	19

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609	57	101	Min.	0.00	0.00	19	-5.43	19	-4.65	19	-48.79	19	-10.51	19	26.11	19
609	57	101	Min.	41.00	0.00	19	-9.00	19	-7.61	19	-151.23	19	-51.52	19	26.11	19
609	101	-364	Max	50.00	0.00	19	111.16	19	-105.04	19	2625.59	19	-444.47	19	193.66	19
609	101	-364	Max	56.62	0.00	19	108.80	19	-97.76	19	2558.06	19	-272.76	19	193.66	19
609	101	-364	Min.	50.00	0.00	19	111.16	19	-105.04	19	2625.59	19	-444.47	19	193.66	19
609	101	-364	Min.	56.62	0.00	19	108.80	19	-97.76	19	2558.06	19	-272.76	19	193.66	19
609	-364	-363	Max	0.00	0.00	19	65.29	19	-30.05	19	870.58	19	-253.72	19	15.01	19
609	-364	-363	Max	56.62	0.00	19	45.13	19	1.21	19	293.37	19	75.82	19	15.01	19
609	-364	-363	Min.	0.00	0.00	19	65.29	19	-30.05	19	870.58	19	-253.72	19	15.01	19
609	-364	-363	Min.	56.62	0.00	19	45.13	19	1.21	19	293.37	19	75.82	19	15.01	19
609	-363	-362	Max	0.00	0.00	19	35.08	19	58.35	19	552.17	19	202.26	19	-10.11	19
609	-363	-362	Max	54.17					72.13	19			351.82	19		
609	-363	-362	Max	56.62	0.00	19	14.93	19	72.50	19	-25.03	19	351.51	19	-10.11	19
609	-363	-362	Min.	0.00	0.00	19	35.08	19	58.35	19	552.17	19	202.26	19	-10.11	19
609	-363	-362	Min.	54.17					72.13	19			351.82	19		
609	-363	-362	Min.	56.62	0.00	19	14.93	19	72.50	19	-25.03	19	351.51	19	-10.11	19
609	-362	-361	Max	0.00	0.00	19	13.91	19	96.47	19	329.03	19	412.65	19	14.64	19
609	-362	-361	Max	32.28					99.10	19			465.75	19		
609	-362	-361	Max	56.62	0.00	19	-6.24	19	98.64	19	-248.18	19	435.54	19	14.64	19
609	-362	-361	Min.	0.00	0.00	19	13.91	19	96.47	19	329.03	19	412.65	19	14.64	19
609	-362	-361	Min.	39.09					99.19	19			463.39	19		
609	-362	-361	Min.	56.62	0.00	19	-6.24	19	98.64	19	-248.18	19	435.54	19	14.64	19
609	-361	-360	Max	0.00	0.00	19	-9.52	19	90.83	19	82.04	19	426.36	19	37.73	19
609	-361	-360	Max	8.05					89.95	19			429.66	19		
609	-361	-360	Max	56.62	0.00	19	-29.67	19	79.74	19	-495.17	19	309.39	19	37.73	19
609	-361	-360	Min.	0.00	0.00	19	-9.52	19	90.83	19	82.04	19	426.36	19	37.73	19
609	-361	-360	Min.	8.05					89.95	19			429.66	19		
609	-361	-360	Min.	56.62	0.00	19	-29.67	19	79.74	19	-495.17	19	309.39	19	37.73	19
609	-360	-359	Max	0.00	0.00	19	-30.05	19	41.37	19	-134.39	19	234.39	19	63.30	19
609	-360	-359	Max	56.62	0.00	19	-50.21	19	18.65	19	-711.60	19	-5.13	19	63.30	19
609	-360	-359	Min.	0.00	0.00	19	-30.05	19	41.37	19	-134.39	19	234.39	19	63.30	19
609	-360	-359	Min.	56.62	0.00	19	-50.21	19	18.65	19	-711.60	19	-5.13	19	63.30	19
609	-359	-358	Max	0.00	0.00	19	-67.93	19	-58.53	19	-533.66	19	-159.44	19	27.01	19
609	-359	-358	Max	56.62	0.00	19	-88.08	19	-102.70	19	-1110.87	19	-625.05	19	27.01	19
609	-359	-358	Min.	0.00	0.00	19	-67.93	19	-58.53	19	-533.66	19	-159.44	19	27.01	19
609	-359	-358	Min.	56.62	0.00	19	-88.08	19	-102.70	19	-1110.87	19	-625.05	19	27.01	19
609	-358	104	Max	0.00	0.00	19	-142.61	19	-177.64	19	-3357.52	19	-585.17	19	-157.17	19
609	-358	104	Max	6.62	0.00	19	-144.97	19	-187.16	19	-3425.05	19	-809.84	19	-157.17	19
609	-358	104	Min.	0.00	0.00	19	-142.61	19	-177.64	19	-3357.52	19	-585.17	19	-157.17	19
609	-358	104	Min.	6.62	0.00	19	-144.97	19	-187.16	19	-3425.05	19	-809.84	19	-157.17	19
609	104	-380	Max	0.00	0.00	19	124.33	19	-247.65	19	1484.19	19	-1349.60	19	14.79	19
609	104	-380	Max	57.22	0.00	19	103.96	19	-182.33	19	900.90	19	-667.20	19	14.79	19
609	104	-380	Min.	0.00	0.00	19	124.33	19	-247.65	19	1484.19	19	-1349.60	19	14.79	19
609	104	-380	Min.	57.22	0.00	19	103.96	19	-182.33	19	900.90	19	-667.20	19	14.79	19
609	-380	-379	Max	0.00	0.00	19	71.22	19	-58.41	19	929.35	19	-393.41	19	-60.94	19
609	-380	-379	Max	57.22	0.00	19	50.85	19	-23.48	19	346.05	19	-28.50	19	-60.94	19
609	-380	-379	Min.	0.00	0.00	19	71.22	19	-58.41	19	929.35	19	-393.41	19	-60.94	19
609	-380	-379	Min.	57.22	0.00	19	50.85	19	-23.48	19	346.05	19	-28.50	19	-60.94	19
609	-379	-378	Max	0.00	0.00	19	52.40	19	50.44	19	732.67	19	136.88	19	-35.98	19
609	-379	-378	Max	57.22	0.00	19	32.03	19	74.59	19	149.37	19	389.25	19	-35.98	19
609	-379	-378	Min.	0.00	0.00	19	52.40	19	50.44	19	732.67	19	136.88	19	-35.98	19
609	-379	-378	Min.	57.22	0.00	19	32.03	19	74.59	19	149.37	19	389.25	19	-35.98	19
609	-378	-377	Max	0.00	0.00	19	28.74	19	119.72	19	485.51	19	494.02	19	-11.65	19
609	-378	-377	Max	47.63					129.37	19			609.64	19		
609	-378	-377	Max	57.22	0.00	19	8.37	19	130.34	19	-97.78	19	604.95	19	-11.65	19
609	-378	-377	Min.	0.00	0.00	19	28.74	19	119.72	19	485.51	19	494.02	19	-11.65	19
609	-378	-377	Min.	47.63					129.37	19			609.64	19		
609	-378	-377	Min.	57.22	0.00	19	8.37	19	130.34	19	-97.78	19	604.95	19	-11.65	19
609	-377	-376	Max	0.00	0.00	19	6.18	19	141.97	19	249.76	19	633.86	19	11.11	19
609	-377	-376	Max	24.50					142.42	19			664.45	19		
609	-377	-376	Max	57.22	0.00	19	-14.19	19	139.68	19	-333.54	19	609.89	19	11.11	19
609	-377	-376	Min.	0.00	0.00	19	6.18	19	141.97	19	249.76	19	633.86	19	11.11	19
609	-377	-376	Min.	17.35					142.51	19			661.85	19		
609	-377	-376	Min.	57.22	0.00	19	-14.19	19	139.68	19	-333.54	19	609.89	19	11.11	19
609	-376	-375	Max	0.00	0.00	19	-16.54	19	119.20	19	12.48	19	567.63	19	34.56	19
609	-376	-375	Max	1.14					119.01	19			567.70	19		
609	-376	-375	Max	57.22	0.00	19	-36.90	19	103.91	19	-570.81	19	407.88	19	34.56	19
609	-376	-375	Min.	0.00	0.00	19	-16.54	19	119.20	19	12.48	19	567.63	19	34.56	19
609	-376	-375	Min.	1.14					119.01	19			567.70	19		
609	-376	-375	Min.	57.22	0.00	19	-36.90	19	103.91	19	-570.81	19	407.88	19	34.56	19
609	-375	-374	Max	0.00	0.00	19	-39.83	19	50.44	19	-230.87	19	291.68	19	59.80	19
609	-375	-374	Max	57.22	0.00	19	-60.20	19	21.82	19	-814.16	19	-7.32	19	59.80	19
609	-375	-374	Min.	0.00	0.00	19	-39.83	19	50.44	19	-230.87	19	291.68	19	59.80	19
609	-375	-374	Min.	57.22	0.00	19	-60.20	19	21.82	19	-814.16	19	-7.32	19	59.80	19
609	-374	-373	Max	0.00	0.00	19	-63.43	19	-63.31	19	-477.49	19	-189.90	19	72.44	19
609	-374	-373	Max	57.22	0.00	19	-83.80	19	-105.44	19	-1060.78	19	-630.01	19	72.44	19
609	-374	-373	Min.	0.00	0.00	19	-63.43	19	-63.31	19	-477.49	19	-189.90	19	72.44	19
609	-374	-373	Min.	57.22	0.00	19	-83.80	19	-105.44	19	-1060.78	19	-630.01	19	72.44	19
609	-373	105	Max	0.00	0.00	19	-182.07	19	-220.02	19	-2104.46	19	-676.36	19	-44.79	19

Relazione di calcolo

609	-373	105	Max	44.72	0.00	19	-197.99	19	-305.01	19	-2560.33	19	-1719.47	19	-44.79	19
609	-373	105	Min.	0.00	0.00	19	-182.07	19	-220.02	19	-2104.46	19	-676.36	19	-44.79	19
609	-373	105	Min.	44.72	0.00	19	-197.99	19	-305.01	19	-2560.33	19	-1719.47	19	-44.79	19
609	105	-396	Max	12.50	0.00	19	218.97	19	-328.93	19	2702.85	19	-1858.91	19	37.34	19
609	105	-396	Max	60.00	0.00	19	202.06	19	-228.94	19	2218.66	19	-690.05	19	37.34	19
609	105	-396	Min.	12.50	0.00	19	218.97	19	-328.93	19	2702.85	19	-1858.91	19	37.34	19
609	105	-396	Min.	60.00	0.00	19	202.06	19	-228.94	19	2218.66	19	-690.05	19	37.34	19
609	-396	-395	Max	0.00	0.00	19	90.90	19	-99.32	19	1111.06	19	-612.07	19	-92.58	19
609	-396	-395	Max	60.00	0.00	19	69.55	19	-51.19	19	499.45	19	-128.91	19	-92.58	19
609	-396	-395	Min.	0.00	0.00	19	90.90	19	-99.32	19	1111.06	19	-612.07	19	-92.58	19
609	-396	-395	Min.	60.00	0.00	19	69.55	19	-51.19	19	499.45	19	-128.91	19	-92.58	19
609	-395	-394	Max	0.00	0.00	19	67.60	19	45.71	19	877.16	19	90.57	19	-76.78	19
609	-395	-394	Max	60.00	0.00	19	46.24	19	79.86	19	265.55	19	433.38	19	-76.78	19
609	-395	-394	Min.	0.00	0.00	19	67.60	19	45.71	19	877.16	19	90.57	19	-76.78	19
609	-395	-394	Min.	60.00	0.00	19	46.24	19	79.86	19	265.55	19	433.38	19	-76.78	19
609	-394	-393	Max	0.00	0.00	19	43.34	19	143.27	19	633.67	19	577.29	19	-50.97	19
609	-394	-393	Max	60.00	0.00	19	21.98	19	162.87	19	22.06	19	774.01	19	-50.97	19
609	-394	-393	Min.	0.00	0.00	19	43.34	19	143.27	19	633.67	19	577.29	19	-50.97	19
609	-394	-393	Min.	60.00	0.00	19	21.98	19	162.87	19	22.06	19	774.01	19	-50.97	19
609	-393	-392	Max	0.00	0.00	19	20.20	19	190.60	19	401.35	19	832.02	19	-27.77	19
609	-393	-392	Max	39.37					195.79	19			911.03	19		
609	-393	-392	Max	60.00	0.00	19	-1.16	19	196.31	19	-210.26	19	889.34	19	-27.77	19
609	-393	-392	Min.	0.00	0.00	19	20.20	19	190.60	19	401.35	19	832.02	19	-27.77	19
609	-393	-392	Min.	56.74					196.33	19			895.66	19		
609	-393	-392	Min.	60.00	0.00	19	-1.16	19	196.31	19	-210.26	19	889.34	19	-27.77	19
609	-392	-391	Max	0.00	0.00	19	-2.75	19	189.73	19	171.00	19	865.60	19	-5.43	19
609	-392	-391	Max	16.78					188.77	19			879.94	19		
609	-392	-391	Max	60.00	0.00	19	-24.11	19	181.67	19	-440.60	19	784.72	19	-5.43	19
609	-392	-391	Min.	0.00	0.00	19	-2.75	19	189.73	19	171.00	19	865.60	19	-5.43	19
609	-392	-391	Min.	16.78					188.77	19			879.94	19		
609	-392	-391	Min.	60.00	0.00	19	-24.11	19	181.67	19	-440.60	19	784.72	19	-5.43	19
609	-391	-390	Max	0.00	0.00	19	-25.92	19	140.15	19	-61.51	19	676.34	19	18.76	19
609	-391	-390	Max	60.00	0.00	19	-47.27	19	118.19	19	-673.12	19	455.95	19	18.76	19
609	-391	-390	Min.	0.00	0.00	19	-25.92	19	140.15	19	-61.51	19	676.34	19	18.76	19
609	-391	-390	Min.	60.00	0.00	19	-47.27	19	118.19	19	-673.12	19	455.95	19	18.76	19
609	-390	-389	Max	0.00	0.00	19	-48.75	19	44.64	19	-290.74	19	276.12	19	22.82	19
609	-390	-389	Max	60.00	0.00	19	-70.11	19	8.98	19	-902.35	19	-81.80	19	22.82	19
609	-390	-389	Min.	0.00	0.00	19	-48.75	19	44.64	19	-290.74	19	276.12	19	22.82	19
609	-390	-389	Min.	60.00	0.00	19	-70.11	19	8.98	19	-902.35	19	-81.80	19	22.82	19
609	-389	108	Max	0.00	0.00	19	-159.15	19	-94.00	19	-2148.16	19	-124.08	19	-121.01	19
609	-389	108	Max	35.00	0.00	19	-171.61	19	-151.89	19	-2504.93	19	-938.37	19	-121.01	19
609	-389	108	Min.	0.00	0.00	19	-159.15	19	-94.00	19	-2148.16	19	-124.08	19	-121.01	19
609	-389	108	Min.	35.00	0.00	19	-171.61	19	-151.89	19	-2504.93	19	-938.37	19	-121.01	19
609	108	60	Max	0.00	0.00	19	17.10	19	-17.81	19	260.00	19	-113.56	19	-68.02	19
609	108	60	Max	42.00	0.00	19	13.44	19	-11.39	19	155.06	19	-26.40	19	-68.02	19
609	108	60	Min.	0.00	0.00	19	17.10	19	-17.81	19	260.00	19	-113.56	19	-68.02	19
609	108	60	Min.	42.00	0.00	19	13.44	19	-11.39	19	155.06	19	-26.40	19	-68.02	19
610	110	113	Max	0.00	0.00	19	-12.04	19	10.13	19	193.36	19	-68.88	19	-37.20	19
610	110	113	Max	41.00	0.00	19	-8.46	19	5.93	19	90.92	19	-10.60	19	-37.20	19
610	110	113	Min.	0.00	0.00	19	-12.04	19	10.13	19	193.36	19	-68.88	19	-37.20	19
610	110	113	Min.	41.00	0.00	19	-8.46	19	5.93	19	90.92	19	-10.60	19	-37.20	19
610	-490	110	Max	0.00	0.00	19	85.14	19	15.10	19	-1077.34	19	94.90	19	-107.11	19
610	-490	110	Max	35.83	0.00	19	97.90	19	47.90	19	-1442.61	19	-356.59	19	-107.11	19
610	-490	110	Min.	0.00	0.00	19	85.14	19	15.10	19	-1077.34	19	94.90	19	-107.11	19
610	-490	110	Min.	35.83	0.00	19	97.90	19	47.90	19	-1442.61	19	-356.59	19	-107.11	19
610	-491	-490	Max	0.00	0.00	19	18.83	19	-70.47	19	15.80	19	344.66	19	35.95	19
610	-491	-490	Max	1.59					-70.17	19			344.78	19		
610	-491	-490	Max	60.83	0.00	19	40.49	19	-52.43	19	-604.31	19	165.66	19	35.95	19
610	-491	-490	Min.	0.00	0.00	19	18.83	19	-70.47	19	15.80	19	344.66	19	35.95	19
610	-491	-490	Min.	1.59					-70.17	19			344.78	19		
610	-491	-490	Min.	60.83	0.00	19	40.49	19	-52.43	19	-604.31	19	165.66	19	35.95	19
610	-492	-491	Max	0.00	0.00	19	0.15	19	-107.67	19	201.10	19	484.76	19	15.15	19
610	-492	-491	Max	19.73					-106.95	19			504.60	19		
610	-492	-491	Max	60.83	0.00	19	21.81	19	-100.99	19	-419.00	19	418.48	19	15.15	19
610	-492	-491	Min.	0.00	0.00	19	0.15	19	-107.67	19	201.10	19	484.76	19	15.15	19
610	-492	-491	Min.	19.73					-106.95	19			504.60	19		
610	-492	-491	Min.	60.83	0.00	19	21.81	19	-100.99	19	-419.00	19	418.48	19	15.15	19
610	-493	-492	Max	0.00	0.00	19	-18.67	19	-106.17	19	387.90	19	447.29	19	-28.32	19
610	-493	-492	Max	38.05					-110.69	19			521.09	19		
610	-493	-492	Max	60.83	0.00	19	2.98	19	-110.94	19	-232.20	19	494.64	19	-28.32	19
610	-493	-492	Min.	0.00	0.00	19	-18.67	19	-106.17	19	387.90	19	447.29	19	-28.32	19
610	-493	-492	Min.	38.05					-110.69	19			521.09	19		
610	-493	-492	Min.	60.83	0.00	19	2.98	19	-110.94	19	-232.20	19	494.64	19	-28.32	19
610	-494	-493	Max	0.00	0.00	19	-36.29	19	-67.56	19	562.72	19	241.77	19	-57.60	19
610	-494	-493	Max	55.20					-82.17	19			397.10	19		
610	-494	-493	Max	60.83	0.00	19	-14.64	19	-83.05	19	-57.38	19	395.48	19	-57.60	19
610	-494	-493	Min.	0.00	0.00	19	-36.29	19	-67.56	19	562.72	19	241.77	19	-57.60	19
610	-494	-493	Min.	55.20					-82.17	19			397.10	19		
610	-494	-493	Min.	60.83	0.00	19	-14.64	19	-83.05	19	-57.38	19	395.48	19	-57.60	19

Relazione di calcolo

610	111	-494	Max	25.00	0.00	19	-74.68	19	16.12	19	1119.66	19	-177.59	19	56.61	19
610	111	-494	Max	60.83	0.00	19	-61.93	19	-8.35	19	754.40	19	158.17	19	56.61	19
610	111	-494	Min.	25.00	0.00	19	-74.68	19	16.12	19	1119.66	19	-177.59	19	56.61	19
610	111	-494	Min.	60.83	0.00	19	-61.93	19	-8.35	19	754.40	19	158.17	19	56.61	19
610	66	111	Max	0.00	0.00	19	1.82	19	-1.28	19	-44.20	19	8.77	19	-29.54	19
610	66	111	Max	13.00	0.00	19	2.95	19	-0.97	19	-76.68	19	0.91	19	-29.54	19
610	66	111	Min.	0.00	0.00	19	1.82	19	-1.28	19	-44.20	19	8.77	19	-29.54	19
610	66	111	Min.	13.00	0.00	19	2.95	19	-0.97	19	-76.68	19	0.91	19	-29.54	19
613	114	109	Max	0.00	0.00	19	-9.99	19	-7.96	19	-112.00	19	-17.00	19	42.61	19
613	114	109	Max	41.00	0.00	19	-13.56	19	-12.78	19	-214.44	19	-83.92	19	42.61	19
613	114	109	Min.	0.00	0.00	19	-9.99	19	-7.96	19	-112.00	19	-17.00	19	42.61	19
613	114	109	Min.	41.00	0.00	19	-13.56	19	-12.78	19	-214.44	19	-83.92	19	42.61	19
613	109	-408	Max	25.00	0.00	19	104.20	19	-75.15	19	1791.42	19	-480.83	19	79.56	19
613	109	-408	Max	52.14	0.00	19	94.54	19	-48.17	19	1514.74	19	-32.14	19	79.56	19
613	109	-408	Min.	25.00	0.00	19	104.20	19	-75.15	19	1791.42	19	-480.83	19	79.56	19
613	109	-408	Min.	52.14	0.00	19	94.54	19	-48.17	19	1514.74	19	-32.14	19	79.56	19
613	-408	-407	Max	0.00	0.00	19	53.84	19	21.69	19	769.73	19	1.82	19	-12.70	19
613	-408	-407	Max	52.14	0.00	19	35.28	19	44.93	19	238.21	19	264.60	19	-12.70	19
613	-408	-407	Min.	0.00	0.00	19	53.84	19	21.69	19	769.73	19	1.82	19	-12.70	19
613	-408	-407	Min.	52.14	0.00	19	35.28	19	44.93	19	238.21	19	264.60	19	-12.70	19
613	-407	-406	Max	0.00	0.00	19	32.61	19	90.69	19	529.64	19	355.19	19	-11.99	19
613	-407	-406	Max	51.88					102.82	19			492.78	19		
613	-407	-406	Max	52.14	0.00	19	14.05	19	102.85	19	-1.88	19	492.78	19	-11.99	19
613	-407	-406	Min.	0.00	0.00	19	32.61	19	90.69	19	529.64	19	355.19	19	-11.99	19
613	-407	-406	Min.	51.88					102.82	19			492.78	19		
613	-407	-406	Min.	52.14	0.00	19	14.05	19	102.85	19	-1.88	19	492.78	19	-11.99	19
613	-406	-405	Max	0.00	0.00	19	12.65	19	122.68	19	303.86	19	536.77	19	6.85	19
613	-406	-405	Max	29.81					124.86	19			582.05	19		
613	-406	-405	Max	52.14	0.00	19	-5.91	19	124.43	19	-227.66	19	556.63	19	6.85	19
613	-406	-405	Min.	0.00	0.00	19	12.65	19	122.68	19	303.86	19	536.77	19	6.85	19
613	-406	-405	Min.	35.54					124.92	19			580.38	19		
613	-406	-405	Min.	52.14	0.00	19	-5.91	19	124.43	19	-227.66	19	556.63	19	6.85	19
613	-405	-404	Max	0.00	0.00	19	-7.58	19	116.97	19	75.04	19	546.11	19	25.62	19
613	-405	-404	Max	7.36					116.31	19			548.87	19		
613	-405	-404	Max	52.14	0.00	19	-26.14	19	108.18	19	-456.48	19	446.67	19	25.62	19
613	-405	-404	Min.	0.00	0.00	19	-7.58	19	116.97	19	75.04	19	546.11	19	25.62	19
613	-405	-404	Min.	7.36					116.31	19			548.87	19		
613	-405	-404	Min.	52.14	0.00	19	-26.14	19	108.18	19	-456.48	19	446.67	19	25.62	19
613	-404	-403	Max	0.00	0.00	19	-27.51	19	74.90	19	-150.34	19	388.33	19	36.30	19
613	-404	-403	Max	52.14	0.00	19	-46.07	19	55.72	19	-681.86	19	171.36	19	36.30	19
613	-404	-403	Min.	0.00	0.00	19	-27.51	19	74.90	19	-150.34	19	388.33	19	36.30	19
613	-404	-403	Min.	52.14	0.00	19	-46.07	19	55.72	19	-681.86	19	171.36	19	36.30	19
613	-403	112	Max	0.00	0.00	19	-63.45	19	-1.49	19	-994.29	19	120.99	19	-19.12	19
613	-403	112	Max	27.14	0.00	19	-73.12	19	-20.02	19	-1270.97	19	-186.44	19	-19.12	19
613	-403	112	Min.	0.00	0.00	19	-63.45	19	-1.49	19	-994.29	19	120.99	19	-19.12	19
613	-403	112	Min.	27.14	0.00	19	-73.12	19	-20.02	19	-1270.97	19	-186.44	19	-19.12	19
613	112	65	Max	0.00	0.00	19	3.95	19	-0.94	19	101.79	19	-9.15	19	3.70	19
613	112	65	Max	13.00	0.00	19	2.81	19	-0.50	19	69.31	19	1.97	19	3.70	19
613	112	65	Min.	0.00	0.00	19	3.95	19	-0.94	19	101.79	19	-9.15	19	3.70	19
613	112	65	Min.	13.00	0.00	19	2.81	19	-0.50	19	69.31	19	1.97	19	3.70	19

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
21	1	101	Max	0.00	-4460.51	20	-292.38	20	-809.50	20	235.20	20	-651.22	20	-0.74	20
21	1	101	Max	262.01	-3641.72	20	-292.38	20	-1575.59	20	235.20	20	-34.97	20	-0.74	20
21	1	101	Min.	0.00	-4460.51	20	-292.38	20	-809.50	20	235.20	20	-651.22	20	-0.74	20
21	1	101	Min.	262.01	-3641.72	20	-292.38	20	-1575.59	20	235.20	20	-34.97	20	-0.74	20
22	2	102	Max	0.00	-4872.36	20	91.32	20	-701.01	20	-276.77	20	-82.32	20	-0.69	20
22	2	102	Max	279.01	-4000.44	20	91.32	20	-446.22	20	-276.77	20	-854.54	20	-0.69	20
22	2	102	Min.	0.00	-4872.36	20	91.32	20	-701.01	20	-276.77	20	-82.32	20	-0.69	20
22	2	102	Min.	279.01	-4000.44	20	91.32	20	-446.22	20	-276.77	20	-854.54	20	-0.69	20
23	3	103	Max	0.00	-8095.13	20	432.15	20	-986.73	20	-142.03	20	326.66	20	-0.69	20
23	3	103	Max	279.01	-7223.22	20	432.15	20	219.03	20	-142.03	20	-69.62	20	-0.69	20
23	3	103	Min.	0.00	-8095.13	20	432.15	20	-986.73	20	-142.03	20	326.66	20	-0.69	20
23	3	103	Min.	279.01	-7223.22	20	432.15	20	219.03	20	-142.03	20	-69.62	20	-0.69	20
24	4	104	Max	0.00	-7213.45	20	-83.90	20	407.42	20	307.66	20	-683.73	20	-0.74	20
24	4	104	Max	262.01	-6394.66	20	-83.90	20	187.59	20	307.66	20	122.38	20	-0.74	20
24	4	104	Min.	0.00	-7213.45	20	-83.90	20	407.42	20	307.66	20	-683.73	20	-0.74	20
24	4	104	Min.	262.01	-6394.66	20	-83.90	20	187.59	20	307.66	20	122.38	20	-0.74	20
25	5	105	Max	0.00	-7592.89	20	-188.32	20	390.34	20	-119.27	20	96.38	20	-0.20	20
25	5	105	Max	262.01	-7183.49	20	-188.33	20	-103.10	20	-119.27	20	-216.12	20	-0.20	20
25	5	105	Min.	0.00	-7592.89	20	-188.32	20	390.34	20	-119.27	20	96.38	20	-0.20	20
25	5	105	Min.	262.01	-7183.49	20	-188.33	20	-103.10	20	-119.27	20	-216.12	20	-0.20	20
26	6	106	Max	0.00	-8522.74	20	254.54	20	-440.37	20	-151.25	20	150.10	20	-0.19	20
26	6	106	Max	279.01	-8086.79	20	254.54	20	269.83	20	-151.25	20	-271.92	20	-0.19	20
26	6	106	Min.	0.00	-8522.74	20	254.54	20	-440.37	20	-151.25	20	150.10	20	-0.19	20
26	6	106	Min.	279.01	-8086.79	20	254.54	20	269.83	20	-151.25	20	-271.92	20	-0.19	20

Relazione di calcolo

27	7	107	Max	0.00	-5380.53	20	130.52	20	-304.72	20	639.02	20	-612.55	20	-0.19	20
27	7	107	Max	279.01	-4944.57	20	130.52	20	59.44	20	639.02	20	1170.39	20	-0.19	20
27	7	107	Min.	0.00	-5380.53	20	130.52	20	-304.72	20	639.02	20	-612.55	20	-0.19	20
27	7	107	Min.	279.01	-4944.57	20	130.52	20	59.44	20	639.02	20	1170.39	20	-0.19	20
28	8	108	Max	0.00	-4622.48	20	-83.06	20	290.23	20	674.39	20	-566.22	20	-0.20	20
28	8	108	Max	262.01	-4213.08	20	-83.06	20	72.60	20	674.39	20	1200.76	20	-0.20	20
28	8	108	Min.	0.00	-4622.48	20	-83.06	20	290.23	20	674.39	20	-566.22	20	-0.20	20
28	8	108	Min.	262.01	-4213.08	20	-83.06	20	72.60	20	674.39	20	1200.76	20	-0.20	20
29	9	109	Max	0.00	-3850.36	20	-63.79	20	243.61	20	-379.05	20	313.58	20	-0.20	20
29	9	109	Max	262.01	-3440.97	20	-63.79	20	76.46	20	-379.05	20	-679.57	20	-0.20	20
29	9	109	Min.	0.00	-3850.36	20	-63.79	20	243.61	20	-379.05	20	313.58	20	-0.20	20
29	9	109	Min.	262.01	-3440.97	20	-63.79	20	76.46	20	-379.05	20	-679.57	20	-0.20	20
30	10	110	Max	0.00	-4672.92	20	36.05	20	-130.72	20	-274.78	20	196.21	20	-0.19	20
30	10	110	Max	279.01	-4236.96	20	36.05	20	-30.15	20	-274.78	20	-570.45	20	-0.19	20
30	10	110	Min.	0.00	-4672.92	20	36.05	20	-130.72	20	-274.78	20	196.21	20	-0.19	20
30	10	110	Min.	279.01	-4236.96	20	36.05	20	-30.15	20	-274.78	20	-570.45	20	-0.19	20
31	11	111	Max	0.00	-3945.11	20	37.59	20	-110.56	20	205.09	20	-68.25	20	-0.19	20
31	11	111	Max	279.01	-3509.15	20	37.59	20	-5.69	20	205.09	20	503.99	20	-0.19	20
31	11	111	Min.	0.00	-3945.11	20	37.59	20	-110.56	20	205.09	20	-68.25	20	-0.19	20
31	11	111	Min.	279.01	-3509.15	20	37.59	20	-5.69	20	205.09	20	503.99	20	-0.19	20
32	12	112	Max	0.00	-3091.90	20	-104.08	20	292.59	20	200.93	20	-21.73	20	-0.20	20
32	12	112	Max	262.01	-2682.50	20	-104.08	20	19.88	20	200.93	20	504.74	20	-0.20	20
32	12	112	Min.	0.00	-3091.90	20	-104.08	20	292.59	20	200.93	20	-21.73	20	-0.20	20
32	12	112	Min.	262.01	-2682.50	20	-104.08	20	19.88	20	200.93	20	504.74	20	-0.20	20
401	35	-57	Max	0.00	0.00	20	0.00	20	0.00	20	-2581.44	20	906.94	20	11.40	20
401	35	-57	Max	37.31	0.00	20	0.00	20	0.00	20	-2066.60	20	40.23	20	11.40	20
401	35	-57	Min.	0.00	0.00	20	0.00	20	0.00	20	-2581.44	20	906.94	20	11.40	20
401	35	-57	Min.	37.31	0.00	20	0.00	20	0.00	20	-2066.60	20	40.23	20	11.40	20
401	-57	-58	Max	0.00	0.00	20	0.00	20	0.00	20	-2066.60	20	40.23	20	11.40	20
401	-57	-58	Max	37.31	0.00	20	0.00	20	0.00	20	-1562.75	20	-636.43	20	11.40	20
401	-57	-58	Min.	0.00	0.00	20	0.00	20	0.00	20	-2066.60	20	40.23	20	11.40	20
401	-57	-58	Min.	37.31	0.00	20	0.00	20	0.00	20	-1562.75	20	-636.43	20	11.40	20
401	-58	-59	Max	0.00	0.00	20	0.00	20	0.00	20	-1562.76	20	-636.43	20	11.40	20
401	-58	-59	Max	37.31	0.00	20	0.00	20	0.00	20	-1069.38	20	-1127.12	20	11.40	20
401	-58	-59	Min.	0.00	0.00	20	0.00	20	0.00	20	-1562.76	20	-636.43	20	11.40	20
401	-58	-59	Min.	37.31	0.00	20	0.00	20	0.00	20	-1069.38	20	-1127.12	20	11.40	20
401	-59	-60	Max	0.00	0.00	20	0.00	20	0.00	20	-1069.37	20	-1127.12	20	11.40	20
401	-59	-60	Max	37.31	0.00	20	0.00	20	0.00	20	-584.99	20	-1435.47	20	11.40	20
401	-59	-60	Min.	0.00	0.00	20	0.00	20	0.00	20	-1069.37	20	-1127.12	20	11.40	20
401	-59	-60	Min.	37.31	0.00	20	0.00	20	0.00	20	-584.99	20	-1435.47	20	11.40	20
401	-60	-61	Max	0.00	0.00	20	0.00	20	0.00	20	-584.99	20	-1435.47	20	11.40	20
401	-60	-61	Max	37.31	0.00	20	0.00	20	0.00	20	-107.43	20	-1564.46	20	11.40	20
401	-60	-61	Min.	0.00	0.00	20	0.00	20	0.00	20	-584.99	20	-1435.47	20	11.40	20
401	-60	-61	Min.	37.31	0.00	20	0.00	20	0.00	20	-107.43	20	-1564.46	20	11.40	20
401	-61	-62	Max	0.00	0.00	20	0.00	20	0.00	20	-107.44	20	-1564.46	20	11.40	20
401	-61	-62	Max	8.45								-1568.99	20			
401	-61	-62	Max	37.31	0.00	20	0.00	20	0.00	20	365.86	20	-1516.16	20	11.40	20
401	-61	-62	Min.	0.00	0.00	20	0.00	20	0.00	20	-107.44	20	-1564.46	20	11.40	20
401	-61	-62	Min.	8.45								-1568.99	20			
401	-61	-62	Min.	37.31	0.00	20	0.00	20	0.00	20	365.86	20	-1516.16	20	11.40	20
401	-62	-63	Max	0.00	0.00	20	0.00	20	0.00	20	365.86	20	-1516.16	20	11.40	20
401	-62	-63	Max	37.31	0.00	20	0.00	20	0.00	20	837.48	20	-1291.68	20	11.40	20
401	-62	-63	Min.	0.00	0.00	20	0.00	20	0.00	20	365.86	20	-1516.16	20	11.40	20
401	-62	-63	Min.	37.31	0.00	20	0.00	20	0.00	20	837.48	20	-1291.68	20	11.40	20
401	-63	-64	Max	0.00	0.00	20	0.00	20	0.00	20	837.49	20	-1291.67	20	11.40	20
401	-63	-64	Max	37.31	0.00	20	0.00	20	0.00	20	1309.83	20	-891.17	20	11.40	20
401	-63	-64	Min.	0.00	0.00	20	0.00	20	0.00	20	837.49	20	-1291.67	20	11.40	20
401	-63	-64	Min.	37.31	0.00	20	0.00	20	0.00	20	1309.83	20	-891.17	20	11.40	20
401	-64	-65	Max	0.00	0.00	20	0.00	20	0.00	20	1309.82	20	-891.17	20	11.40	20
401	-64	-65	Max	37.31	0.00	20	0.00	20	0.00	20	1784.70	20	-314.03	20	11.40	20
401	-64	-65	Min.	0.00	0.00	20	0.00	20	0.00	20	1309.82	20	-891.17	20	11.40	20
401	-64	-65	Min.	37.31	0.00	20	0.00	20	0.00	20	1784.70	20	-314.03	20	11.40	20
401	-65	-66	Max	0.00	0.00	20	0.00	20	0.00	20	1784.71	20	-314.03	20	11.40	20
401	-65	-66	Max	37.31	0.00	20	0.00	20	0.00	20	2263.18	20	440.95	20	11.40	20
401	-65	-66	Min.	0.00	0.00	20	0.00	20	0.00	20	1784.71	20	-314.03	20	11.40	20
401	-65	-66	Min.	37.31	0.00	20	0.00	20	0.00	20	2263.18	20	440.95	20	11.40	20
401	-66	-67	Max	0.00	0.00	20	0.00	20	0.00	20	2263.19	20	440.95	20	11.40	20
401	-66	-67	Max	37.31	0.00	20	0.00	20	0.00	20	2745.14	20	1375.11	20	11.40	20
401	-66	-67	Min.	0.00	0.00	20	0.00	20	0.00	20	2263.19	20	440.95	20	11.40	20
401	-66	-67	Min.	37.31	0.00	20	0.00	20	0.00	20	2745.14	20	1375.11	20	11.40	20
401	-67	-68	Max	0.00	0.00	20	0.00	20	0.00	20	2745.13	20	1375.11	20	11.40	20
401	-67	-68	Max	37.31	0.00	20	0.00	20	0.00	20	3229.00	20	2489.47	20	11.40	20
401	-67	-68	Min.	0.00	0.00	20	0.00	20	0.00	20	2745.13	20	1375.11	20	11.40	20
401	-67	-68	Min.	37.31	0.00	20	0.00	20	0.00	20	3229.00	20	2489.47	20	11.40	20
401	-68	5	Max	0.00	0.00	20	0.00	20	0.00	20	3229.01	20	2489.47	20	11.40	20
401	-68	5	Max	24.81	0.00	20	0.00	20	0.00	20	3550.29	20	3330.40	20	11.40	20
401	-68	5	Min.	0.00	0.00	20	0.00	20	0.00	20	3229.01	20	2489.47	20	11.40	20
401	-68	5	Min.	24.81	0.00	20	0.00	20	0.00	20	3550.29	20	3330.40	20	11.40	20
401	5	-44	Max	12.50	0.00	20	0.00	20	0.00	20	-3504.12	20	3247.21	20	-4.48	20

Relazione di calcolo

401	5	-44	Max	38.57	0.00	20	0.00	20	0.00	20	-3170.70	20	2377.22	20	-4.48	20
401	5	-44	Min.	12.50	0.00	20	0.00	20	0.00	20	-3504.12	20	3247.21	20	-4.48	20
401	5	-44	Min.	38.57	0.00	20	0.00	20	0.00	20	-3170.70	20	2377.22	20	-4.48	20
401	-44	-45	Max	0.00	0.00	20	0.00	20	0.00	20	-3170.63	20	2377.23	20	-4.48	20
401	-44	-45	Max	38.57	0.00	20	0.00	20	0.00	20	-2684.56	20	1248.39	20	-4.48	20
401	-44	-45	Min.	0.00	0.00	20	0.00	20	0.00	20	-3170.63	20	2377.23	20	-4.48	20
401	-44	-45	Min.	38.57	0.00	20	0.00	20	0.00	20	-2684.56	20	1248.39	20	-4.48	20
401	-45	-46	Max	0.00	0.00	20	0.00	20	0.00	20	-2684.56	20	1248.38	20	-4.48	20
401	-45	-46	Max	38.57	0.00	20	0.00	20	0.00	20	-2209.97	20	304.88	20	-4.48	20
401	-45	-46	Min.	0.00	0.00	20	0.00	20	0.00	20	-2684.56	20	1248.38	20	-4.48	20
401	-45	-46	Min.	38.57	0.00	20	0.00	20	0.00	20	-2209.97	20	304.88	20	-4.48	20
401	-46	-47	Max	0.00	0.00	20	0.00	20	0.00	20	-2210.00	20	304.87	20	-4.48	20
401	-46	-47	Max	38.57	0.00	20	0.00	20	0.00	20	-1748.25	20	-458.25	20	-4.48	20
401	-46	-47	Min.	0.00	0.00	20	0.00	20	0.00	20	-2210.00	20	304.87	20	-4.48	20
401	-46	-47	Min.	38.57	0.00	20	0.00	20	0.00	20	-1748.25	20	-458.25	20	-4.48	20
401	-47	-48	Max	0.00	0.00	20	0.00	20	0.00	20	-1748.24	20	-458.25	20	-4.48	20
401	-47	-48	Max	38.57	0.00	20	0.00	20	0.00	20	-1299.41	20	-1045.59	20	-4.48	20
401	-47	-48	Min.	0.00	0.00	20	0.00	20	0.00	20	-1748.24	20	-458.25	20	-4.48	20
401	-47	-48	Min.	38.57	0.00	20	0.00	20	0.00	20	-1299.41	20	-1045.59	20	-4.48	20
401	-48	-49	Max	0.00	0.00	20	0.00	20	0.00	20	-1299.40	20	-1045.59	20	-4.48	20
401	-48	-49	Max	38.57	0.00	20	0.00	20	0.00	20	-861.98	20	-1462.08	20	-4.48	20
401	-48	-49	Min.	0.00	0.00	20	0.00	20	0.00	20	-1299.40	20	-1045.59	20	-4.48	20
401	-48	-49	Min.	38.57	0.00	20	0.00	20	0.00	20	-861.98	20	-1462.08	20	-4.48	20
401	-49	-50	Max	0.00	0.00	20	0.00	20	0.00	20	-861.98	20	-1462.08	20	-4.48	20
401	-49	-50	Max	38.57	0.00	20	0.00	20	0.00	20	-433.60	20	-1711.69	20	-4.48	20
401	-49	-50	Min.	0.00	0.00	20	0.00	20	0.00	20	-861.98	20	-1462.08	20	-4.48	20
401	-49	-50	Min.	38.57	0.00	20	0.00	20	0.00	20	-433.60	20	-1711.69	20	-4.48	20
401	-50	-51	Max	0.00	0.00	20	0.00	20	0.00	20	-433.60	20	-1711.69	20	-4.48	20
401	-50	-51	Max	38.57	0.00	20	0.00	20	0.00	20	-11.31	20	-1797.35	20	-4.48	20
401	-50	-51	Min.	0.00	0.00	20	0.00	20	0.00	20	-433.60	20	-1711.69	20	-4.48	20
401	-50	-51	Min.	38.57	0.00	20	0.00	20	0.00	20	-11.31	20	-1797.35	20	-4.48	20
401	-51	-52	Max	0.00	0.00	20	0.00	20	0.00	20	-11.30	20	-1797.35	20	-4.48	20
401	-51	-52	Max	0.77									-1797.40	20		
401	-51	-52	Max	38.57	0.00	20	0.00	20	0.00	20	408.20	20	-1720.77	20	-4.48	20
401	-51	-52	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.30	20	-1797.35	20	-4.48	20
401	-51	-52	Min.	0.77									-1797.40	20		
401	-51	-52	Min.	38.57	0.00	20	0.00	20	0.00	20	408.20	20	-1720.77	20	-4.48	20
401	-52	-53	Max	0.00	0.00	20	0.00	20	0.00	20	408.20	20	-1720.77	20	-4.48	20
401	-52	-53	Max	38.57	0.00	20	0.00	20	0.00	20	828.20	20	-1482.39	20	-4.48	20
401	-52	-53	Min.	0.00	0.00	20	0.00	20	0.00	20	408.20	20	-1720.77	20	-4.48	20
401	-52	-53	Min.	38.57	0.00	20	0.00	20	0.00	20	828.20	20	-1482.39	20	-4.48	20
401	-53	-54	Max	0.00	0.00	20	0.00	20	0.00	20	828.22	20	-1482.39	20	-4.48	20
401	-53	-54	Max	38.57	0.00	20	0.00	20	0.00	20	1251.81	20	-1081.31	20	-4.48	20
401	-53	-54	Min.	0.00	0.00	20	0.00	20	0.00	20	828.22	20	-1482.39	20	-4.48	20
401	-53	-54	Min.	38.57	0.00	20	0.00	20	0.00	20	1251.81	20	-1081.31	20	-4.48	20
401	-54	-55	Max	0.00	0.00	20	0.00	20	0.00	20	1251.80	20	-1081.32	20	-4.48	20
401	-54	-55	Max	38.57	0.00	20	0.00	20	0.00	20	1681.19	20	-515.91	20	-4.48	20
401	-54	-55	Min.	0.00	0.00	20	0.00	20	0.00	20	1251.80	20	-1081.32	20	-4.48	20
401	-54	-55	Min.	38.57	0.00	20	0.00	20	0.00	20	1681.19	20	-515.91	20	-4.48	20
401	-55	-56	Max	0.00	0.00	20	0.00	20	0.00	20	1681.18	20	-515.91	20	-4.48	20
401	-55	-56	Max	38.57	0.00	20	0.00	20	0.00	20	2117.95	20	216.50	20	-4.48	20
401	-55	-56	Min.	0.00	0.00	20	0.00	20	0.00	20	1681.18	20	-515.91	20	-4.48	20
401	-55	-56	Min.	38.57	0.00	20	0.00	20	0.00	20	2117.95	20	216.50	20	-4.48	20
401	-56	8	Max	0.00	0.00	20	0.00	20	0.00	20	2118.01	20	216.50	20	-4.48	20
401	-56	8	Max	13.57	0.00	20	0.00	20	0.00	20	2273.53	20	514.46	20	-4.48	20
401	-56	8	Min.	0.00	0.00	20	0.00	20	0.00	20	2118.01	20	216.50	20	-4.48	20
401	-56	8	Min.	13.57	0.00	20	0.00	20	0.00	20	2273.53	20	514.46	20	-4.48	20
401	8	-38	Max	0.00	0.00	20	0.00	20	0.00	20	-1886.34	20	1603.79	20	-81.30	20
401	8	-38	Max	34.71	0.00	20	0.00	20	0.00	20	-1480.20	20	1019.38	20	-81.30	20
401	8	-38	Min.	0.00	0.00	20	0.00	20	0.00	20	-1886.34	20	1603.79	20	-81.30	20
401	8	-38	Min.	34.71	0.00	20	0.00	20	0.00	20	-1480.20	20	1019.38	20	-81.30	20
401	-38	-39	Max	0.00	0.00	20	0.00	20	0.00	20	-1480.21	20	1019.37	20	-81.30	20
401	-38	-39	Max	34.71	0.00	20	0.00	20	0.00	20	-1069.55	20	576.63	20	-81.30	20
401	-38	-39	Min.	0.00	0.00	20	0.00	20	0.00	20	-1480.21	20	1019.37	20	-81.30	20
401	-38	-39	Min.	34.71	0.00	20	0.00	20	0.00	20	-1069.55	20	576.63	20	-81.30	20
401	-39	-40	Max	0.00	0.00	20	0.00	20	0.00	20	-1069.53	20	576.63	20	-81.30	20
401	-39	-40	Max	34.71	0.00	20	0.00	20	0.00	20	-655.67	20	277.14	20	-81.30	20
401	-39	-40	Min.	0.00	0.00	20	0.00	20	0.00	20	-1069.53	20	576.63	20	-81.30	20
401	-39	-40	Min.	34.71	0.00	20	0.00	20	0.00	20	-655.67	20	277.14	20	-81.30	20
401	-40	-41	Max	0.00	0.00	20	0.00	20	0.00	20	-655.68	20	277.14	20	-81.30	20
401	-40	-41	Max	34.71	0.00	20	0.00	20	0.00	20	-238.97	20	121.75	20	-81.30	20
401	-40	-41	Min.	0.00	0.00	20	0.00	20	0.00	20	-655.68	20	277.14	20	-81.30	20
401	-40	-41	Min.	34.71	0.00	20	0.00	20	0.00	20	-238.97	20	121.75	20	-81.30	20
401	-41	-42	Max	0.00	0.00	20	0.00	20	0.00	20	-238.95	20	121.76	20	-81.30	20
401	-41	-42	Max	19.82									98.07	20		
401	-41	-42	Max	34.71	0.00	20	0.00	20	0.00	20	180.10	20	111.47	20	-81.30	20
401	-41	-42	Min.	0.00	0.00	20	0.00	20	0.00	20	-238.95	20	121.76	20	-81.30	20
401	-41	-42	Min.	19.82									98.07	20		
401	-41	-42	Min.	34.71	0.00	20	0.00	20	0.00	20	180.10	20	111.47	20	-81.30	20

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401	-42	-43	Max	0.00	0.00	20	0.00	20	0.00	20	180.09	20	111.47	20	-81.30	20
401	-42	-43	Max	34.71	0.00	20	0.00	20	0.00	20	601.57	20	247.11	20	-81.30	20
401	-42	-43	Min.	0.00	0.00	20	0.00	20	0.00	20	180.09	20	111.47	20	-81.30	20
401	-42	-43	Min.	34.71	0.00	20	0.00	20	0.00	20	601.57	20	247.11	20	-81.30	20
401	-43	33	Max	0.00	0.00	20	0.00	20	0.00	20	601.58	20	247.11	20	-81.30	20
401	-43	33	Max	34.71	0.00	20	0.00	20	0.00	20	1024.99	20	529.34	20	-81.30	20
401	-43	33	Min.	0.00	0.00	20	0.00	20	0.00	20	601.58	20	247.11	20	-81.30	20
401	-43	33	Min.	34.71	0.00	20	0.00	20	0.00	20	1024.99	20	529.34	20	-81.30	20
402	-18	36	Max	0.00	0.00	20	0.00	20	0.00	20	1884.76	20	160.43	20	-241.06	20
402	-18	36	Max	37.31	0.00	20	0.00	20	0.00	20	2353.35	20	951.02	20	-241.06	20
402	-18	36	Min.	0.00	0.00	20	0.00	20	0.00	20	1884.76	20	160.43	20	-241.06	20
402	-18	36	Min.	37.31	0.00	20	0.00	20	0.00	20	2353.35	20	951.02	20	-241.06	20
402	-17	-18	Max	0.00	0.00	20	0.00	20	0.00	20	1415.99	20	-455.28	20	-241.06	20
402	-17	-18	Max	37.31	0.00	20	0.00	20	0.00	20	1884.76	20	160.43	20	-241.06	20
402	-17	-18	Min.	0.00	0.00	20	0.00	20	0.00	20	1415.99	20	-455.28	20	-241.06	20
402	-17	-18	Min.	37.31	0.00	20	0.00	20	0.00	20	1884.76	20	160.43	20	-241.06	20
402	-16	-17	Max	0.00	0.00	20	0.00	20	0.00	20	946.76	20	-896.05	20	-241.06	20
402	-16	-17	Max	37.31	0.00	20	0.00	20	0.00	20	1415.99	20	-455.28	20	-241.06	20
402	-16	-17	Min.	0.00	0.00	20	0.00	20	0.00	20	946.76	20	-896.05	20	-241.06	20
402	-16	-17	Min.	37.31	0.00	20	0.00	20	0.00	20	1415.99	20	-455.28	20	-241.06	20
402	-15	-16	Max	0.00	0.00	20	0.00	20	0.00	20	475.94	20	-1161.51	20	-241.06	20
402	-15	-16	Max	37.31	0.00	20	0.00	20	0.00	20	946.76	20	-896.05	20	-241.06	20
402	-15	-16	Min.	0.00	0.00	20	0.00	20	0.00	20	475.94	20	-1161.51	20	-241.06	20
402	-15	-16	Min.	37.31	0.00	20	0.00	20	0.00	20	946.76	20	-896.05	20	-241.06	20
402	-14	-15	Max	0.00	0.00	20	0.00	20	0.00	20	1.79	20	-1250.76	20	-241.06	20
402	-14	-15	Max	37.31	0.00	20	0.00	20	0.00	20	475.93	20	-1161.51	20	-241.06	20
402	-14	-15	Min.	0.00	0.00	20	0.00	20	0.00	20	1.79	20	-1250.76	20	-241.06	20
402	-14	-15	Min.	37.31	0.00	20	0.00	20	0.00	20	475.93	20	-1161.51	20	-241.06	20
402	-13	-14	Max	0.00	0.00	20	0.00	20	0.00	20	-477.75	20	-1162.17	20	-241.06	20
402	-13	-14	Max	37.31	0.00	20	0.00	20	0.00	20	1.79	20	-1250.76	20	-241.06	20
402	-13	-14	Min.	0.00	0.00	20	0.00	20	0.00	20	-477.75	20	-1162.17	20	-241.06	20
402	-13	-14	Min.	37.31	0.00	20	0.00	20	0.00	20	1.79	20	-1250.76	20	-241.06	20
402	-12	-13	Max	0.00	0.00	20	0.00	20	0.00	20	-964.71	20	-893.36	20	-241.06	20
402	-12	-13	Max	37.31	0.00	20	0.00	20	0.00	20	-477.75	20	-1162.17	20	-241.06	20
402	-12	-13	Min.	0.00	0.00	20	0.00	20	0.00	20	-964.71	20	-893.36	20	-241.06	20
402	-12	-13	Min.	37.31	0.00	20	0.00	20	0.00	20	-477.75	20	-1162.17	20	-241.06	20
402	-11	-12	Max	0.00	0.00	20	0.00	20	0.00	20	-1460.82	20	-441.20	20	-241.06	20
402	-11	-12	Max	37.31	0.00	20	0.00	20	0.00	20	-964.70	20	-893.35	20	-241.06	20
402	-11	-12	Min.	0.00	0.00	20	0.00	20	0.00	20	-1460.82	20	-441.20	20	-241.06	20
402	-11	-12	Min.	37.31	0.00	20	0.00	20	0.00	20	-964.70	20	-893.35	20	-241.06	20
402	-10	-11	Max	0.00	0.00	20	0.00	20	0.00	20	-1967.22	20	197.92	20	-241.06	20
402	-10	-11	Max	37.31	0.00	20	0.00	20	0.00	20	-1460.82	20	-441.20	20	-241.06	20
402	-10	-11	Min.	0.00	0.00	20	0.00	20	0.00	20	-1967.22	20	197.92	20	-241.06	20
402	-10	-11	Min.	37.31	0.00	20	0.00	20	0.00	20	-1460.82	20	-441.20	20	-241.06	20
402	-9	-10	Max	0.00	0.00	20	0.00	20	0.00	20	-2484.13	20	1027.95	20	-241.06	20
402	-9	-10	Max	37.31	0.00	20	0.00	20	0.00	20	-1967.23	20	197.91	20	-241.06	20
402	-9	-10	Min.	0.00	0.00	20	0.00	20	0.00	20	-2484.13	20	1027.95	20	-241.06	20
402	-9	-10	Min.	37.31	0.00	20	0.00	20	0.00	20	-1967.23	20	197.91	20	-241.06	20
402	-8	-9	Max	0.00	0.00	20	0.00	20	0.00	20	-3010.49	20	2052.66	20	-241.06	20
402	-8	-9	Max	37.31	0.00	20	0.00	20	0.00	20	-2484.12	20	1027.95	20	-241.06	20
402	-8	-9	Min.	0.00	0.00	20	0.00	20	0.00	20	-3010.49	20	2052.66	20	-241.06	20
402	-8	-9	Min.	37.31	0.00	20	0.00	20	0.00	20	-2484.12	20	1027.95	20	-241.06	20
402	-7	-8	Max	0.00	0.00	20	0.00	20	0.00	20	-3543.69	20	3275.08	20	-241.06	20
402	-7	-8	Max	37.31	0.00	20	0.00	20	0.00	20	-3010.50	20	2052.65	20	-241.06	20
402	-7	-8	Min.	0.00	0.00	20	0.00	20	0.00	20	-3543.69	20	3275.08	20	-241.06	20
402	-7	-8	Min.	37.31	0.00	20	0.00	20	0.00	20	-3010.50	20	2052.65	20	-241.06	20
402	6	-7	Max	12.50	0.00	20	0.00	20	0.00	20	-3899.94	20	4198.39	20	-241.06	20
402	6	-7	Max	37.31	0.00	20	0.00	20	0.00	20	-3543.74	20	3275.08	20	-241.06	20
402	6	-7	Min.	12.50	0.00	20	0.00	20	0.00	20	-3899.94	20	4198.39	20	-241.06	20
402	6	-7	Min.	37.31	0.00	20	0.00	20	0.00	20	-3543.74	20	3275.08	20	-241.06	20
402	-31	6	Max	0.00	0.00	20	0.00	20	0.00	20	3539.99	20	3067.84	20	42.24	20
402	-31	6	Max	26.07	0.00	20	0.00	20	0.00	20	3912.72	20	4039.26	20	42.24	20
402	-31	6	Min.	0.00	0.00	20	0.00	20	0.00	20	3539.99	20	3067.84	20	42.24	20
402	-31	6	Min.	26.07	0.00	20	0.00	20	0.00	20	3912.72	20	4039.26	20	42.24	20
402	-30	-31	Max	0.00	0.00	20	0.00	20	0.00	20	2994.20	20	1808.00	20	42.24	20
402	-30	-31	Max	38.57	0.00	20	0.00	20	0.00	20	3540.03	20	3067.84	20	42.24	20
402	-30	-31	Min.	0.00	0.00	20	0.00	20	0.00	20	2994.20	20	1808.00	20	42.24	20
402	-30	-31	Min.	38.57	0.00	20	0.00	20	0.00	20	3540.03	20	3067.84	20	42.24	20
402	-29	-30	Max	0.00	0.00	20	0.00	20	0.00	20	2458.99	20	756.74	20	42.24	20
402	-29	-30	Max	38.57	0.00	20	0.00	20	0.00	20	2994.19	20	1807.99	20	42.24	20
402	-29	-30	Min.	0.00	0.00	20	0.00	20	0.00	20	2458.99	20	756.74	20	42.24	20
402	-29	-30	Min.	38.57	0.00	20	0.00	20	0.00	20	2994.19	20	1807.99	20	42.24	20
402	-28	-29	Max	0.00	0.00	20	0.00	20	0.00	20	1936.69	20	-90.75	20	42.24	20
402	-28	-29	Max	38.57	0.00	20	0.00	20	0.00	20	2459.00	20	756.74	20	42.24	20
402	-28	-29	Min.	0.00	0.00	20	0.00	20	0.00	20	1936.69	20	-90.75	20	42.24	20
402	-28	-29	Min.	38.57	0.00	20	0.00	20	0.00	20	2459.00	20	756.74	20	42.24	20
402	-27	-28	Max	0.00	0.00	20	0.00	20	0.00	20	1428.16	20	-739.22	20	42.24	20
402	-27	-28	Max	38.57	0.00	20	0.00	20	0.00	20	1936.69	20	-90.75	20	42.24	20
402	-27	-28	Min.	0.00	0.00	20	0.00	20	0.00	20	1428.16	20	-739.22	20	42.24	20

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402	-27	-28	Min.	38.57	0.00	20	0.00	20	0.00	20	1936.69	20	-90.75	20	42.24	20
402	-26	-27	Max	0.00	0.00	20	0.00	20	0.00	20	932.50	20	-1194.09	20	42.24	20
402	-26	-27	Max	38.57	0.00	20	0.00	20	0.00	20	1428.15	20	-739.23	20	42.24	20
402	-26	-27	Min.	0.00	0.00	20	0.00	20	0.00	20	932.50	20	-1194.09	20	42.24	20
402	-26	-27	Min.	38.57	0.00	20	0.00	20	0.00	20	1428.15	20	-739.23	20	42.24	20
402	-25	-26	Max	0.00	0.00	20	0.00	20	0.00	20	447.89	20	-1459.98	20	42.24	20
402	-25	-26	Max	38.57	0.00	20	0.00	20	0.00	20	932.49	20	-1194.09	20	42.24	20
402	-25	-26	Min.	0.00	0.00	20	0.00	20	0.00	20	447.89	20	-1459.98	20	42.24	20
402	-25	-26	Min.	38.57	0.00	20	0.00	20	0.00	20	932.49	20	-1194.09	20	42.24	20
402	-24	-25	Max	0.00	0.00	20	0.00	20	0.00	20	-28.12	20	-1540.70	20	42.24	20
402	-24	-25	Max	2.29									-1541.02	20		
402	-24	-25	Max	38.57	0.00	20	0.00	20	0.00	20	447.90	20	-1459.98	20	42.24	20
402	-24	-25	Min.	0.00	0.00	20	0.00	20	0.00	20	-28.12	20	-1540.70	20	42.24	20
402	-24	-25	Min.	2.29									-1541.02	20		
402	-24	-25	Min.	38.57	0.00	20	0.00	20	0.00	20	447.90	20	-1459.98	20	42.24	20
402	-23	-24	Max	0.00	0.00	20	0.00	20	0.00	20	-498.37	20	-1439.03	20	42.24	20
402	-23	-24	Max	38.57	0.00	20	0.00	20	0.00	20	-28.13	20	-1540.70	20	42.24	20
402	-23	-24	Min.	0.00	0.00	20	0.00	20	0.00	20	-498.37	20	-1439.03	20	42.24	20
402	-23	-24	Min.	38.57	0.00	20	0.00	20	0.00	20	-28.13	20	-1540.70	20	42.24	20
402	-22	-23	Max	0.00	0.00	20	0.00	20	0.00	20	-965.63	20	-1156.64	20	42.24	20
402	-22	-23	Max	38.57	0.00	20	0.00	20	0.00	20	-498.37	20	-1439.03	20	42.24	20
402	-22	-23	Min.	0.00	0.00	20	0.00	20	0.00	20	-965.63	20	-1156.64	20	42.24	20
402	-22	-23	Min.	38.57	0.00	20	0.00	20	0.00	20	-498.37	20	-1439.03	20	42.24	20
402	-21	-22	Max	0.00	0.00	20	0.00	20	0.00	20	-1432.46	20	-694.07	20	42.24	20
402	-21	-22	Max	38.57	0.00	20	0.00	20	0.00	20	-965.63	20	-1156.64	20	42.24	20
402	-21	-22	Min.	0.00	0.00	20	0.00	20	0.00	20	-1432.46	20	-694.07	20	42.24	20
402	-21	-22	Min.	38.57	0.00	20	0.00	20	0.00	20	-965.63	20	-1156.64	20	42.24	20
402	-20	-21	Max	0.00	0.00	20	0.00	20	0.00	20	-1900.35	20	-51.39	20	42.24	20
402	-20	-21	Max	38.57	0.00	20	0.00	20	0.00	20	-1432.46	20	-694.07	20	42.24	20
402	-20	-21	Min.	0.00	0.00	20	0.00	20	0.00	20	-1900.35	20	-51.39	20	42.24	20
402	-20	-21	Min.	38.57	0.00	20	0.00	20	0.00	20	-1432.46	20	-694.07	20	42.24	20
402	-19	-20	Max	0.00	0.00	20	0.00	20	0.00	20	-2370.13	20	772.12	20	42.24	20
402	-19	-20	Max	38.57	0.00	20	0.00	20	0.00	20	-1900.36	20	-51.39	20	42.24	20
402	-19	-20	Min.	0.00	0.00	20	0.00	20	0.00	20	-2370.13	20	772.12	20	42.24	20
402	-19	-20	Min.	38.57	0.00	20	0.00	20	0.00	20	-1900.36	20	-51.39	20	42.24	20
402	7	-19	Max	25.00	0.00	20	0.00	20	0.00	20	-2535.68	20	1104.98	20	42.24	20
402	7	-19	Max	38.57	0.00	20	0.00	20	0.00	20	-2370.04	20	772.13	20	42.24	20
402	7	-19	Min.	25.00	0.00	20	0.00	20	0.00	20	-2535.68	20	1104.98	20	42.24	20
402	7	-19	Min.	38.57	0.00	20	0.00	20	0.00	20	-2370.04	20	772.13	20	42.24	20
402	-37	7	Max	0.00	0.00	20	0.00	20	0.00	20	1847.48	20	1625.65	20	322.76	20
402	-37	7	Max	34.71	0.00	20	0.00	20	0.00	20	2271.56	20	2340.49	20	322.76	20
402	-37	7	Min.	0.00	0.00	20	0.00	20	0.00	20	1847.48	20	1625.65	20	322.76	20
402	-37	7	Min.	34.71	0.00	20	0.00	20	0.00	20	2271.56	20	2340.49	20	322.76	20
402	-36	-37	Max	0.00	0.00	20	0.00	20	0.00	20	1425.31	20	1057.59	20	322.76	20
402	-36	-37	Max	34.71	0.00	20	0.00	20	0.00	20	1847.48	20	1625.66	20	322.76	20
402	-36	-37	Min.	0.00	0.00	20	0.00	20	0.00	20	1425.31	20	1057.59	20	322.76	20
402	-36	-37	Min.	34.71	0.00	20	0.00	20	0.00	20	1847.48	20	1625.66	20	322.76	20
402	-35	-36	Max	0.00	0.00	20	0.00	20	0.00	20	1007.09	20	635.58	20	322.76	20
402	-35	-36	Max	34.71	0.00	20	0.00	20	0.00	20	1425.29	20	1057.59	20	322.76	20
402	-35	-36	Min.	0.00	0.00	20	0.00	20	0.00	20	1007.09	20	635.58	20	322.76	20
402	-35	-36	Min.	34.71	0.00	20	0.00	20	0.00	20	1425.29	20	1057.59	20	322.76	20
402	-34	-35	Max	0.00	0.00	20	0.00	20	0.00	20	593.80	20	357.82	20	322.76	20
402	-34	-35	Max	34.71	0.00	20	0.00	20	0.00	20	1007.10	20	635.58	20	322.76	20
402	-34	-35	Min.	0.00	0.00	20	0.00	20	0.00	20	593.80	20	357.82	20	322.76	20
402	-34	-35	Min.	34.71	0.00	20	0.00	20	0.00	20	1007.10	20	635.58	20	322.76	20
402	-33	-34	Max	0.00	0.00	20	0.00	20	0.00	20	186.30	20	222.61	20	322.76	20
402	-33	-34	Max	34.71	0.00	20	0.00	20	0.00	20	593.79	20	357.82	20	322.76	20
402	-33	-34	Min.	0.00	0.00	20	0.00	20	0.00	20	186.30	20	222.61	20	322.76	20
402	-33	-34	Min.	34.71	0.00	20	0.00	20	0.00	20	593.79	20	357.82	20	322.76	20
402	-32	-33	Max	0.00	0.00	20	0.00	20	0.00	20	-215.23	20	227.81	20	322.76	20
402	-32	-33	Max	18.67									207.69	20		
402	-32	-33	Max	34.71	0.00	20	0.00	20	0.00	20	186.30	20	222.61	20	322.76	20
402	-32	-33	Min.	0.00	0.00	20	0.00	20	0.00	20	-215.23	20	227.81	20	322.76	20
402	-32	-33	Min.	18.67									207.69	20		
402	-32	-33	Min.	34.71	0.00	20	0.00	20	0.00	20	186.30	20	222.61	20	322.76	20
402	32	-32	Max	0.00	0.00	20	0.00	20	0.00	20	-610.25	20	371.26	20	322.76	20
402	32	-32	Max	34.71	0.00	20	0.00	20	0.00	20	-215.23	20	227.81	20	322.76	20
402	32	-32	Min.	0.00	0.00	20	0.00	20	0.00	20	-610.25	20	371.26	20	322.76	20
402	32	-32	Min.	34.71	0.00	20	0.00	20	0.00	20	-215.23	20	227.81	20	322.76	20
405	5	-69	Max	25.00	0.00	20	0.00	20	0.00	20	-819.89	20	208.31	20	7.41	20
405	5	-69	Max	29.69	0.00	20	0.00	20	0.00	20	-797.30	20	170.41	20	7.41	20
405	5	-69	Min.	25.00	0.00	20	0.00	20	0.00	20	-819.89	20	208.31	20	7.41	20
405	5	-69	Min.	29.69	0.00	20	0.00	20	0.00	20	-797.30	20	170.41	20	7.41	20
405	-69	-70	Max	0.00	0.00	20	0.00	20	0.00	20	-797.18	20	170.41	20	7.41	20
405	-69	-70	Max	29.69	0.00	20	0.00	20	0.00	20	-658.35	20	-45.46	20	7.41	20
405	-69	-70	Min.	0.00	0.00	20	0.00	20	0.00	20	-797.18	20	170.41	20	7.41	20
405	-69	-70	Min.	29.69	0.00	20	0.00	20	0.00	20	-658.35	20	-45.46	20	7.41	20
405	-70	-71	Max	0.00	0.00	20	0.00	20	0.00	20	-658.35	20	-45.46	20	7.41	20
405	-70	-71	Max	29.69	0.00	20	0.00	20	0.00	20	-526.98	20	-221.23	20	7.41	20

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405	-70	-71	Min.	0.00	0.00	20	0.00	20	0.00	20	-658.35	20	-45.46	20	7.41	20
405	-70	-71	Min.	29.69	0.00	20	0.00	20	0.00	20	-526.98	20	-221.23	20	7.41	20
405	-71	-72	Max	0.00	0.00	20	0.00	20	0.00	20	-526.99	20	-221.23	20	7.41	20
405	-71	-72	Max	29.69	0.00	20	0.00	20	0.00	20	-402.58	20	-359.05	20	7.41	20
405	-71	-72	Min.	0.00	0.00	20	0.00	20	0.00	20	-526.99	20	-221.23	20	7.41	20
405	-71	-72	Min.	29.69	0.00	20	0.00	20	0.00	20	-402.58	20	-359.05	20	7.41	20
405	-72	-73	Max	0.00	0.00	20	0.00	20	0.00	20	-402.59	20	-359.05	20	7.41	20
405	-72	-73	Max	29.69	0.00	20	0.00	20	0.00	20	-284.08	20	-460.85	20	7.41	20
405	-72	-73	Min.	0.00	0.00	20	0.00	20	0.00	20	-402.59	20	-359.05	20	7.41	20
405	-72	-73	Min.	29.69	0.00	20	0.00	20	0.00	20	-284.08	20	-460.85	20	7.41	20
405	-73	-74	Max	0.00	0.00	20	0.00	20	0.00	20	-284.08	20	-460.85	20	7.41	20
405	-73	-74	Max	29.69	0.00	20	0.00	20	0.00	20	-169.95	20	-528.15	20	7.41	20
405	-73	-74	Min.	0.00	0.00	20	0.00	20	0.00	20	-284.08	20	-460.85	20	7.41	20
405	-73	-74	Min.	29.69	0.00	20	0.00	20	0.00	20	-169.95	20	-528.15	20	7.41	20
405	-74	-75	Max	0.00	0.00	20	0.00	20	0.00	20	-169.95	20	-528.15	20	7.41	20
405	-74	-75	Max	29.69	0.00	20	0.00	20	0.00	20	-58.37	20	-562.01	20	7.41	20
405	-74	-75	Min.	0.00	0.00	20	0.00	20	0.00	20	-169.95	20	-528.15	20	7.41	20
405	-74	-75	Min.	29.69	0.00	20	0.00	20	0.00	20	-58.37	20	-562.01	20	7.41	20
405	-75	-76	Max	0.00	0.00	20	0.00	20	0.00	20	-58.37	20	-562.01	20	7.41	20
405	-75	-76	Max	15.62									-566.57	20		
405	-75	-76	Max	29.69	0.00	20	0.00	20	0.00	20	52.67	20	-562.87	20	7.41	20
405	-75	-76	Min.	0.00	0.00	20	0.00	20	0.00	20	-58.37	20	-562.01	20	7.41	20
405	-75	-76	Min.	15.62									-566.57	20		
405	-75	-76	Min.	29.69	0.00	20	0.00	20	0.00	20	52.67	20	-562.87	20	7.41	20
405	-76	-77	Max	0.00	0.00	20	0.00	20	0.00	20	52.67	20	-562.87	20	7.41	20
405	-76	-77	Max	29.69	0.00	20	0.00	20	0.00	20	165.26	20	-530.58	20	7.41	20
405	-76	-77	Min.	0.00	0.00	20	0.00	20	0.00	20	52.67	20	-562.87	20	7.41	20
405	-76	-77	Min.	29.69	0.00	20	0.00	20	0.00	20	165.26	20	-530.58	20	7.41	20
405	-77	-78	Max	0.00	0.00	20	0.00	20	0.00	20	165.26	20	-530.58	20	7.41	20
405	-77	-78	Max	29.69	0.00	20	0.00	20	0.00	20	281.42	20	-464.39	20	7.41	20
405	-77	-78	Min.	0.00	0.00	20	0.00	20	0.00	20	165.26	20	-530.58	20	7.41	20
405	-77	-78	Min.	29.69	0.00	20	0.00	20	0.00	20	281.42	20	-464.39	20	7.41	20
405	-78	-79	Max	0.00	0.00	20	0.00	20	0.00	20	281.42	20	-464.39	20	7.41	20
405	-78	-79	Max	29.69	0.00	20	0.00	20	0.00	20	402.99	20	-362.95	20	7.41	20
405	-78	-79	Min.	0.00	0.00	20	0.00	20	0.00	20	281.42	20	-464.39	20	7.41	20
405	-78	-79	Min.	29.69	0.00	20	0.00	20	0.00	20	402.99	20	-362.95	20	7.41	20
405	-79	-80	Max	0.00	0.00	20	0.00	20	0.00	20	402.98	20	-362.95	20	7.41	20
405	-79	-80	Max	29.69	0.00	20	0.00	20	0.00	20	531.49	20	-224.43	20	7.41	20
405	-79	-80	Min.	0.00	0.00	20	0.00	20	0.00	20	402.98	20	-362.95	20	7.41	20
405	-79	-80	Min.	29.69	0.00	20	0.00	20	0.00	20	531.49	20	-224.43	20	7.41	20
405	-80	-81	Max	0.00	0.00	20	0.00	20	0.00	20	531.49	20	-224.43	20	7.41	20
405	-80	-81	Max	29.69	0.00	20	0.00	20	0.00	20	668.02	20	-46.58	20	7.41	20
405	-80	-81	Min.	0.00	0.00	20	0.00	20	0.00	20	531.49	20	-224.43	20	7.41	20
405	-80	-81	Min.	29.69	0.00	20	0.00	20	0.00	20	668.02	20	-46.58	20	7.41	20
405	-81	-82	Max	0.00	0.00	20	0.00	20	0.00	20	668.02	20	-46.58	20	7.41	20
405	-81	-82	Max	29.69	0.00	20	0.00	20	0.00	20	813.07	20	173.05	20	7.41	20
405	-81	-82	Min.	0.00	0.00	20	0.00	20	0.00	20	668.02	20	-46.58	20	7.41	20
405	-81	-82	Min.	29.69	0.00	20	0.00	20	0.00	20	813.07	20	173.05	20	7.41	20
405	-82	-83	Max	0.00	0.00	20	0.00	20	0.00	20	813.07	20	173.05	20	7.41	20
405	-82	-83	Max	29.69	0.00	20	0.00	20	0.00	20	966.41	20	437.00	20	7.41	20
405	-82	-83	Min.	0.00	0.00	20	0.00	20	0.00	20	813.07	20	173.05	20	7.41	20
405	-82	-83	Min.	29.69	0.00	20	0.00	20	0.00	20	966.41	20	437.00	20	7.41	20
405	-83	6	Max	0.00	0.00	20	0.00	20	0.00	20	966.26	20	437.00	20	7.41	20
405	-83	6	Max	4.69	0.00	20	0.00	20	0.00	20	991.16	20	482.87	20	7.41	20
405	-83	6	Min.	0.00	0.00	20	0.00	20	0.00	20	966.26	20	437.00	20	7.41	20
405	-83	6	Min.	4.69	0.00	20	0.00	20	0.00	20	991.16	20	482.87	20	7.41	20
406	8	-84	Max	25.00	0.00	20	0.00	20	0.00	20	-743.82	20	188.10	20	-17.13	20
406	8	-84	Max	29.69	0.00	20	0.00	20	0.00	20	-723.18	20	153.72	20	-17.13	20
406	8	-84	Min.	25.00	0.00	20	0.00	20	0.00	20	-743.82	20	188.10	20	-17.13	20
406	8	-84	Min.	29.69	0.00	20	0.00	20	0.00	20	-723.18	20	153.72	20	-17.13	20
406	-84	-85	Max	0.00	0.00	20	0.00	20	0.00	20	-723.27	20	153.71	20	-17.13	20
406	-84	-85	Max	29.69	0.00	20	0.00	20	0.00	20	-596.82	20	-42.05	20	-17.13	20
406	-84	-85	Min.	0.00	0.00	20	0.00	20	0.00	20	-723.27	20	153.71	20	-17.13	20
406	-84	-85	Min.	29.69	0.00	20	0.00	20	0.00	20	-596.82	20	-42.05	20	-17.13	20
406	-85	-86	Max	0.00	0.00	20	0.00	20	0.00	20	-596.82	20	-42.06	20	-17.13	20
406	-85	-86	Max	29.69	0.00	20	0.00	20	0.00	20	-477.74	20	-201.38	20	-17.13	20
406	-85	-86	Min.	0.00	0.00	20	0.00	20	0.00	20	-596.82	20	-42.06	20	-17.13	20
406	-85	-86	Min.	29.69	0.00	20	0.00	20	0.00	20	-477.74	20	-201.38	20	-17.13	20
406	-86	-87	Max	0.00	0.00	20	0.00	20	0.00	20	-477.74	20	-201.38	20	-17.13	20
406	-86	-87	Max	29.69	0.00	20	0.00	20	0.00	20	-365.58	20	-326.40	20	-17.13	20
406	-86	-87	Min.	0.00	0.00	20	0.00	20	0.00	20	-477.74	20	-201.38	20	-17.13	20
406	-86	-87	Min.	29.69	0.00	20	0.00	20	0.00	20	-365.58	20	-326.40	20	-17.13	20
406	-87	-88	Max	0.00	0.00	20	0.00	20	0.00	20	-365.59	20	-326.40	20	-17.13	20
406	-87	-88	Max	29.69	0.00	20	0.00	20	0.00	20	-259.38	20	-419.04	20	-17.13	20
406	-87	-88	Min.	0.00	0.00	20	0.00	20	0.00	20	-365.59	20	-326.40	20	-17.13	20
406	-87	-88	Min.	29.69	0.00	20	0.00	20	0.00	20	-259.38	20	-419.04	20	-17.13	20
406	-88	-89	Max	0.00	0.00	20	0.00	20	0.00	20	-259.38	20	-419.04	20	-17.13	20
406	-88	-89	Max	29.69	0.00	20	0.00	20	0.00	20	-157.74	20	-480.86	20	-17.13	20
406	-88	-89	Min.	0.00	0.00	20	0.00	20	0.00	20	-259.38	20	-419.04	20	-17.13	20

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406	-88	-89	Min.	29.69	0.00	20	0.00	20	0.00	20	-157.74	20	-480.86	20	-17.13	20
406	-89	-90	Max	0.00	0.00	20	0.00	20	0.00	20	-157.74	20	-480.86	20	-17.13	20
406	-89	-90	Max	29.69	0.00	20	0.00	20	0.00	20	-59.01	20	-512.99	20	-17.13	20
406	-89	-90	Min.	0.00	0.00	20	0.00	20	0.00	20	-157.74	20	-480.86	20	-17.13	20
406	-89	-90	Min.	29.69	0.00	20	0.00	20	0.00	20	-59.01	20	-512.99	20	-17.13	20
406	-90	-91	Max	0.00	0.00	20	0.00	20	0.00	20	-59.01	20	-512.99	20	-17.13	20
406	-90	-91	Max	17.81									-518.28	20		
406	-90	-91	Max	29.69	0.00	20	0.00	20	0.00	20	38.64	20	-516.01	20	-17.13	20
406	-90	-91	Min.	0.00	0.00	20	0.00	20	0.00	20	-59.01	20	-512.99	20	-17.13	20
406	-90	-91	Min.	17.81									-518.28	20		
406	-90	-91	Min.	29.69	0.00	20	0.00	20	0.00	20	38.64	20	-516.01	20	-17.13	20
406	-91	-92	Max	0.00	0.00	20	0.00	20	0.00	20	38.64	20	-516.01	20	-17.13	20
406	-91	-92	Max	29.69	0.00	20	0.00	20	0.00	20	137.14	20	-489.96	20	-17.13	20
406	-91	-92	Min.	0.00	0.00	20	0.00	20	0.00	20	38.64	20	-516.01	20	-17.13	20
406	-91	-92	Min.	29.69	0.00	20	0.00	20	0.00	20	137.14	20	-489.96	20	-17.13	20
406	-92	-93	Max	0.00	0.00	20	0.00	20	0.00	20	137.14	20	-489.96	20	-17.13	20
406	-92	-93	Max	29.69	0.00	20	0.00	20	0.00	20	238.32	20	-434.32	20	-17.13	20
406	-92	-93	Min.	0.00	0.00	20	0.00	20	0.00	20	137.14	20	-489.96	20	-17.13	20
406	-92	-93	Min.	29.69	0.00	20	0.00	20	0.00	20	238.32	20	-434.32	20	-17.13	20
406	-93	-94	Max	0.00	0.00	20	0.00	20	0.00	20	238.32	20	-434.32	20	-17.13	20
406	-93	-94	Max	29.69	0.00	20	0.00	20	0.00	20	343.91	20	-348.02	20	-17.13	20
406	-93	-94	Min.	0.00	0.00	20	0.00	20	0.00	20	238.32	20	-434.32	20	-17.13	20
406	-93	-94	Min.	29.69	0.00	20	0.00	20	0.00	20	343.91	20	-348.02	20	-17.13	20
406	-94	-95	Max	0.00	0.00	20	0.00	20	0.00	20	343.91	20	-348.02	20	-17.13	20
406	-94	-95	Max	29.69	0.00	20	0.00	20	0.00	20	455.34	20	-229.54	20	-17.13	20
406	-94	-95	Min.	0.00	0.00	20	0.00	20	0.00	20	343.91	20	-348.02	20	-17.13	20
406	-94	-95	Min.	29.69	0.00	20	0.00	20	0.00	20	455.34	20	-229.54	20	-17.13	20
406	-95	-96	Max	0.00	0.00	20	0.00	20	0.00	20	455.34	20	-229.54	20	-17.13	20
406	-95	-96	Max	29.69	0.00	20	0.00	20	0.00	20	573.70	20	-76.97	20	-17.13	20
406	-95	-96	Min.	0.00	0.00	20	0.00	20	0.00	20	455.34	20	-229.54	20	-17.13	20
406	-95	-96	Min.	29.69	0.00	20	0.00	20	0.00	20	573.70	20	-76.97	20	-17.13	20
406	-96	-97	Max	0.00	0.00	20	0.00	20	0.00	20	573.70	20	-76.97	20	-17.13	20
406	-96	-97	Max	29.69	0.00	20	0.00	20	0.00	20	699.53	20	111.83	20	-17.13	20
406	-96	-97	Min.	0.00	0.00	20	0.00	20	0.00	20	573.70	20	-76.97	20	-17.13	20
406	-96	-97	Min.	29.69	0.00	20	0.00	20	0.00	20	699.53	20	111.83	20	-17.13	20
406	-97	-98	Max	0.00	0.00	20	0.00	20	0.00	20	699.54	20	111.83	20	-17.13	20
406	-97	-98	Max	29.69	0.00	20	0.00	20	0.00	20	832.79	20	339.12	20	-17.13	20
406	-97	-98	Min.	0.00	0.00	20	0.00	20	0.00	20	699.54	20	111.83	20	-17.13	20
406	-97	-98	Min.	29.69	0.00	20	0.00	20	0.00	20	832.79	20	339.12	20	-17.13	20
406	-98	7	Max	0.00	0.00	20	0.00	20	0.00	20	832.81	20	339.12	20	-17.13	20
406	-98	7	Max	4.69	0.00	20	0.00	20	0.00	20	854.48	20	378.66	20	-17.13	20
406	-98	7	Min.	0.00	0.00	20	0.00	20	0.00	20	832.81	20	339.12	20	-17.13	20
406	-98	7	Min.	4.69	0.00	20	0.00	20	0.00	20	854.48	20	378.66	20	-17.13	20
602	102	56	Max	0.00	0.00	20	-11.36	20	10.47	20	183.85	20	-69.12	20	-82.77	20
602	102	56	Max	41.00	0.00	20	-7.78	20	6.55	20	81.41	20	-14.75	20	-82.77	20
602	102	56	Min.	0.00	0.00	20	-11.36	20	10.47	20	183.85	20	-69.12	20	-82.77	20
602	102	56	Min.	41.00	0.00	20	-7.78	20	6.55	20	81.41	20	-14.75	20	-82.77	20
602	-322	102	Max	0.00	0.00	20	104.78	20	51.04	20	-1505.85	20	-27.61	20	-56.60	20
602	-322	102	Max	31.62	0.00	20	115.62	20	85.90	20	-1816.21	20	-552.91	20	-56.60	20
602	-322	102	Min.	0.00	0.00	20	104.78	20	51.04	20	-1505.85	20	-27.61	20	-56.60	20
602	-322	102	Min.	31.62	0.00	20	115.62	20	85.90	20	-1816.21	20	-552.91	20	-56.60	20
602	-323	-322	Max	0.00	0.00	20	30.96	20	-44.59	20	-150.81	20	250.88	20	28.60	20
602	-323	-322	Max	56.62	0.00	20	50.37	20	-21.56	20	-706.51	20	8.16	20	28.60	20
602	-323	-322	Min.	0.00	0.00	20	30.96	20	-44.59	20	-150.81	20	250.88	20	28.60	20
602	-323	-322	Min.	56.62	0.00	20	50.37	20	-21.56	20	-706.51	20	8.16	20	28.60	20
602	-324	-323	Max	0.00	0.00	20	9.27	20	-99.94	20	77.80	20	467.90	20	22.18	20
602	-324	-323	Max	7.93					-99.10	20			470.99	20		
602	-324	-323	Max	56.62	0.00	20	28.68	20	-89.20	20	-477.90	20	354.63	20	22.18	20
602	-324	-323	Min.	0.00	0.00	20	9.27	20	-99.94	20	77.80	20	467.90	20	22.18	20
602	-324	-323	Min.	7.93					-99.10	20			470.99	20		
602	-324	-323	Min.	56.62	0.00	20	28.68	20	-89.20	20	-477.90	20	354.63	20	22.18	20
602	-325	-324	Max	0.00	0.00	20	-9.70	20	-116.10	20	277.87	20	509.92	20	-8.51	20
602	-325	-324	Max	28.31					-117.47	20			549.25	20		
602	-325	-324	Max	56.62	0.00	20	9.70	20	-116.10	20	-277.84	20	509.92	20	-8.51	20
602	-325	-324	Min.	0.00	0.00	20	-9.70	20	-116.10	20	277.87	20	509.92	20	-8.51	20
602	-325	-324	Min.	28.31					-117.47	20			549.25	20		
602	-325	-324	Min.	56.62	0.00	20	9.70	20	-116.10	20	-277.84	20	509.92	20	-8.51	20
602	-326	-325	Max	0.00	0.00	20	-28.45	20	-93.67	20	475.45	20	375.52	20	-41.94	20
602	-326	-325	Max	48.45					-103.43	20			490.69	20		
602	-326	-325	Max	56.62	0.00	20	-9.04	20	-104.28	20	-80.25	20	487.41	20	-41.94	20
602	-326	-325	Min.	0.00	0.00	20	-28.45	20	-93.67	20	475.45	20	375.52	20	-41.94	20
602	-326	-325	Min.	48.45					-103.43	20			490.69	20		
602	-326	-325	Min.	56.62	0.00	20	-9.04	20	-104.28	20	-80.25	20	487.41	20	-41.94	20
602	-327	-326	Max	0.00	0.00	20	-46.48	20	-34.04	20	665.54	20	71.89	20	-76.11	20
602	-327	-326	Max	56.62	0.00	20	-27.08	20	-54.87	20	109.84	20	291.41	20	-76.11	20
602	-327	-326	Min.	0.00	0.00	20	-46.48	20	-34.04	20	665.54	20	71.89	20	-76.11	20
602	-327	-326	Min.	56.62	0.00	20	-27.08	20	-54.87	20	109.84	20	291.41	20	-76.11	20
602	-328	-327	Max	0.00	0.00	20	-69.97	20	69.17	20	913.14	20	-440.63	20	-74.95	20
602	-328	-327	Max	56.62	0.00	20	-50.56	20	35.04	20	357.43	20	-80.90	20	-74.95	20

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602	-328	-327	Min.	0.00	0.00	20	-69.97	20	69.17	20	913.14	20	-440.63	20	-74.95	20
602	-328	-327	Min.	56.62	0.00	20	-50.56	20	35.04	20	357.43	20	-80.90	20	-74.95	20
602	103	-328	Max	25.00	0.00	20	-193.38	20	209.40	20	2996.32	20	-1228.44	20	58.25	20
602	103	-328	Max	56.62	0.00	20	-182.54	20	149.96	20	2685.96	20	-329.93	20	58.25	20
602	103	-328	Min.	25.00	0.00	20	-193.38	20	209.40	20	2996.32	20	-1228.44	20	58.25	20
602	103	-328	Min.	56.62	0.00	20	-182.54	20	149.96	20	2685.96	20	-329.93	20	58.25	20
602	-451	103	Max	0.00	0.00	20	79.15	20	161.95	20	-537.78	20	-628.73	20	-27.03	20
602	-451	103	Max	64.38	0.00	20	101.21	20	220.00	20	-1169.54	20	-1178.27	20	-27.03	20
602	-451	103	Min.	0.00	0.00	20	79.15	20	161.95	20	-537.78	20	-628.73	20	-27.03	20
602	-451	103	Min.	64.38	0.00	20	101.21	20	220.00	20	-1169.54	20	-1178.27	20	-27.03	20
602	-452	-451	Max	0.00	0.00	20	36.10	20	9.20	20	-130.28	20	3.49	20	74.43	20
602	-452	-451	Max	64.38	0.00	20	58.16	20	39.54	20	-762.04	20	-283.72	20	74.43	20
602	-452	-451	Min.	0.00	0.00	20	36.10	20	9.20	20	-130.28	20	3.49	20	74.43	20
602	-452	-451	Min.	64.38	0.00	20	58.16	20	39.54	20	-762.04	20	-283.72	20	74.43	20
602	-453	-452	Max	0.00	0.00	20	16.23	20	-75.74	20	57.84	20	361.40	20	40.52	20
602	-453	-452	Max	5.89					-74.72	20			363.10	20		
602	-453	-452	Max	64.38	0.00	20	38.29	20	-58.19	20	-573.92	20	195.28	20	40.52	20
602	-453	-452	Min.	0.00	0.00	20	16.23	20	-75.74	20	57.84	20	361.40	20	40.52	20
602	-453	-452	Min.	5.89					-74.72	20			363.10	20		
602	-453	-452	Min.	64.38	0.00	20	38.29	20	-58.19	20	-573.92	20	195.28	20	40.52	20
602	-454	-453	Max	0.00	0.00	20	-4.48	20	-113.97	20	253.88	20	504.01	20	-1.80	20
602	-454	-453	Max	25.75					-113.99	20			536.85	20		
602	-454	-453	Max	64.38	0.00	20	17.58	20	-109.75	20	-377.88	20	464.10	20	-1.80	20
602	-454	-453	Min.	0.00	0.00	20	-4.48	20	-113.97	20	253.88	20	504.01	20	-1.80	20
602	-454	-453	Min.	25.75					-113.99	20			536.85	20		
602	-454	-453	Min.	64.38	0.00	20	17.58	20	-109.75	20	-377.88	20	464.10	20	-1.80	20
602	-455	-454	Max	0.00	0.00	20	-24.21	20	-103.48	20	440.65	20	424.93	20	-46.16	20
602	-455	-454	Max	44.90					-110.90	20			523.86	20		
602	-455	-454	Max	64.38	0.00	20	-2.15	20	-111.97	20	-191.11	20	505.25	20	-46.16	20
602	-455	-454	Min.	0.00	0.00	20	-24.21	20	-103.48	20	440.65	20	424.93	20	-46.16	20
602	-455	-454	Min.	44.90					-110.90	20			523.86	20		
602	-455	-454	Min.	64.38	0.00	20	-2.15	20	-111.97	20	-191.11	20	505.25	20	-46.16	20
602	-456	-455	Max	0.00	0.00	20	-43.52	20	-46.06	20	623.47	20	131.50	20	-96.12	20
602	-456	-455	Max	63.41					-66.77	20			329.54	20		
602	-456	-455	Max	64.38	0.00	20	-21.46	20	-66.98	20	-8.29	20	329.50	20	-96.12	20
602	-456	-455	Min.	0.00	0.00	20	-43.52	20	-46.06	20	623.47	20	131.50	20	-96.12	20
602	-456	-455	Min.	63.41					-66.77	20			329.54	20		
602	-456	-455	Min.	64.38	0.00	20	-21.46	20	-66.98	20	-8.29	20	329.50	20	-96.12	20
602	-457	-456	Max	0.00	0.00	20	-63.39	20	56.51	20	811.56	20	-369.72	20	-128.52	20
602	-457	-456	Max	64.38	0.00	20	-41.33	20	22.81	20	179.80	20	-50.63	20	-128.52	20
602	-457	-456	Min.	0.00	0.00	20	-63.39	20	56.51	20	811.56	20	-369.72	20	-128.52	20
602	-457	-456	Min.	64.38	0.00	20	-41.33	20	22.81	20	179.80	20	-50.63	20	-128.52	20
602	106	-457	Max	12.50	0.00	20	-179.80	20	247.99	20	2111.95	20	-1418.96	20	10.54	20
602	106	-457	Max	64.38	0.00	20	-162.02	20	159.33	20	1602.87	20	-455.43	20	10.54	20
602	106	-457	Min.	12.50	0.00	20	-179.80	20	247.99	20	2111.95	20	-1418.96	20	10.54	20
602	106	-457	Min.	64.38	0.00	20	-162.02	20	159.33	20	1602.87	20	-455.43	20	10.54	20
602	-467	106	Max	0.00	0.00	20	180.21	20	167.30	20	-1695.45	20	-471.05	20	-26.99	20
602	-467	106	Max	55.00	0.00	20	199.06	20	271.60	20	-2235.20	20	-1551.98	20	-26.99	20
602	-467	106	Min.	0.00	0.00	20	180.21	20	167.30	20	-1695.45	20	-471.05	20	-26.99	20
602	-467	106	Min.	55.00	0.00	20	199.06	20	271.60	20	-2235.20	20	-1551.98	20	-26.99	20
602	-468	-467	Max	0.00	0.00	20	44.46	20	4.47	20	-179.07	20	33.78	20	139.62	20
602	-468	-467	Max	67.50	0.00	20	67.59	20	42.29	20	-841.49	20	-310.66	20	139.62	20
602	-468	-467	Min.	0.00	0.00	20	44.46	20	4.47	20	-179.07	20	33.78	20	139.62	20
602	-468	-467	Min.	67.50	0.00	20	67.59	20	42.29	20	-841.49	20	-310.66	20	139.62	20
602	-469	-468	Max	0.00	0.00	20	23.32	20	-100.54	20	13.48	20	482.66	20	112.20	20
602	-469	-468	Max	1.35					-100.23	20			482.75	20		
602	-469	-468	Max	67.50	0.00	20	46.45	20	-77.00	20	-648.94	20	268.19	20	112.20	20
602	-469	-468	Min.	0.00	0.00	20	23.32	20	-100.54	20	13.48	20	482.66	20	112.20	20
602	-469	-468	Min.	1.35					-100.23	20			482.75	20		
602	-469	-468	Min.	67.50	0.00	20	46.45	20	-77.00	20	-648.94	20	268.19	20	112.20	20
602	-470	-469	Max	0.00	0.00	20	3.90	20	-156.75	20	190.37	20	710.52	20	61.22	20
602	-470	-469	Max	19.40					-155.35	20			728.98	20		
602	-470	-469	Max	67.50	0.00	20	27.03	20	-146.31	20	-472.06	20	615.45	20	61.22	20
602	-470	-469	Min.	0.00	0.00	20	3.90	20	-156.75	20	190.37	20	710.52	20	61.22	20
602	-470	-469	Min.	19.40					-155.35	20			728.98	20		
602	-470	-469	Min.	67.50	0.00	20	27.03	20	-146.31	20	-472.06	20	615.45	20	61.22	20
602	-471	-470	Max	0.00	0.00	20	-14.33	20	-164.34	20	356.36	20	717.43	20	10.05	20
602	-471	-470	Max	36.31					-167.28	20			782.14	20		
602	-471	-470	Max	67.50	0.00	20	8.81	20	-166.20	20	-306.06	20	734.41	20	10.05	20
602	-471	-470	Min.	0.00	0.00	20	-14.33	20	-164.34	20	356.36	20	717.43	20	10.05	20
602	-471	-470	Min.	36.31					-167.28	20			782.14	20		
602	-471	-470	Min.	67.50	0.00	20	8.81	20	-166.20	20	-306.06	20	734.41	20	10.05	20
602	-472	-471	Max	0.00	0.00	20	-31.64	20	-125.93	20	514.04	20	515.01	20	-42.80	20
602	-472	-471	Max	52.38					-137.80	20			649.64	20		
602	-472	-471	Max	67.50	0.00	20	-8.51	20	-139.48	20	-148.38	20	638.42	20	-42.80	20
602	-472	-471	Min.	0.00	0.00	20	-31.64	20	-125.93	20	514.04	20	515.01	20	-42.80	20
602	-472	-471	Min.	52.38					-137.80	20			649.64	20		
602	-472	-471	Min.	67.50	0.00	20	-8.51	20	-139.48	20	-148.38	20	638.42	20	-42.80	20
602	-473	-472	Max	0.00	0.00	20	-50.28	20	-42.34	20	683.83	20	103.53	20	-60.10	20

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602	-473	-472	Max	67.50	0.00	20	-27.15	20	-68.47	20	21.40	20	341.55	20	-60.10	20
602	-473	-472	Min.	0.00	0.00	20	-50.28	20	-42.34	20	683.83	20	103.53	20	-60.10	20
602	-473	-472	Min.	67.50	0.00	20	-27.15	20	-68.47	20	21.40	20	341.55	20	-60.10	20
602	107	-473	Max	25.00	0.00	20	-161.16	20	119.69	20	2079.64	20	-777.65	20	114.85	20
602	107	-473	Max	67.50	0.00	20	-146.60	20	54.29	20	1662.55	20	17.57	20	114.85	20
602	107	-473	Min.	25.00	0.00	20	-161.16	20	119.69	20	2079.64	20	-777.65	20	114.85	20
602	107	-473	Min.	67.50	0.00	20	-146.60	20	54.29	20	1662.55	20	17.57	20	114.85	20
602	61	107	Max	0.00	0.00	20	11.52	20	8.50	20	-129.03	20	-16.78	20	49.91	20
602	61	107	Max	42.00	0.00	20	15.19	20	14.11	20	-233.96	20	-93.01	20	49.91	20
602	61	107	Min.	0.00	0.00	20	11.52	20	8.50	20	-129.03	20	-16.78	20	49.91	20
602	61	107	Min.	42.00	0.00	20	15.19	20	14.11	20	-233.96	20	-93.01	20	49.91	20
603	101	54	Max	0.00	-998.45	20	-274.75	20	57.52	20	33.66	20	-9.42	20	-2.34	20
603	101	54	Max	22.45					-4.17	20			-5.64	20		
603	101	54	Max	42.00	-1000.70	20	-274.75	20	-57.88	20	-29.30	20	-8.50	20	-2.34	20
603	101	54	Min.	0.00	-998.45	20	-274.75	20	57.52	20	33.66	20	-9.42	20	-2.34	20
603	101	54	Min.	22.45					-4.17	20			-5.64	20		
603	101	54	Min.	42.00	-1000.70	20	-274.75	20	-57.88	20	-29.30	20	-8.50	20	-2.34	20
603	-344	101	Max	0.00	-1704.55	20	-425.99	20	82.57	20	-277.32	20	9.58	20	-18.39	20
603	-344	101	Max	34.43	-1706.40	20	-425.99	20	-64.09	20	-328.94	20	-94.78	20	-18.39	20
603	-344	101	Min.	0.00	-1704.55	20	-425.99	20	82.57	20	-277.32	20	9.58	20	-18.39	20
603	-344	101	Min.	34.43	-1706.40	20	-425.99	20	-64.09	20	-328.94	20	-94.78	20	-18.39	20
603	-345	-344	Max	0.00	-1074.19	20	-184.89	20	55.64	20	-33.56	20	74.92	20	9.31	20
603	-345	-344	Max	59.41	-1077.38	20	-184.89	20	-54.21	20	-122.62	20	28.52	20	9.31	20
603	-345	-344	Min.	0.00	-1074.19	20	-184.89	20	55.64	20	-33.56	20	74.92	20	9.31	20
603	-345	-344	Min.	59.41	-1077.38	20	-184.89	20	-54.21	20	-122.62	20	28.52	20	9.31	20
603	-346	-345	Max	0.00	-516.32	20	-195.98	20	59.34	20	-8.35	20	126.84	20	14.74	20
603	-346	-345	Max	59.41	-519.51	20	-195.98	20	-57.09	20	-97.42	20	95.42	20	14.74	20
603	-346	-345	Min.	0.00	-516.32	20	-195.98	20	59.34	20	-8.35	20	126.84	20	14.74	20
603	-346	-345	Min.	59.41	-519.51	20	-195.98	20	-57.09	20	-97.42	20	95.42	20	14.74	20
603	-347	-346	Max	0.00	294.56	20	-212.13	20	64.57	20	14.80	20	140.14	20	20.30	20
603	-347	-346	Max	9.87					43.62	20			140.87	20		
603	-347	-346	Max	59.41	291.38	20	-212.13	20	-61.47	20	-74.26	20	122.47	20	20.30	20
603	-347	-346	Min.	0.00	294.56	20	-212.13	20	64.57	20	14.80	20	140.14	20	20.30	20
603	-347	-346	Min.	9.87					43.62	20			140.87	20		
603	-347	-346	Min.	59.41	291.38	20	-212.13	20	-61.47	20	-74.26	20	122.47	20	20.30	20
603	-348	-347	Max	0.00	1109.10	20	-233.86	20	71.52	20	36.51	20	114.84	20	26.83	20
603	-348	-347	Max	24.35					14.57	20			119.29	20		
603	-348	-347	Max	59.41	1105.91	20	-233.86	20	-67.42	20	-52.55	20	110.08	20	26.83	20
603	-348	-347	Min.	0.00	1109.10	20	-233.86	20	71.52	20	36.51	20	114.84	20	26.83	20
603	-348	-347	Min.	24.35					14.57	20			119.29	20		
603	-348	-347	Min.	59.41	1105.91	20	-233.86	20	-67.42	20	-52.55	20	110.08	20	26.83	20
603	-349	-348	Max	0.00	1672.52	20	-261.53	20	80.23	20	61.16	20	47.26	20	33.20	20
603	-349	-348	Max	40.80					-26.47	20			59.74	20		
603	-349	-348	Max	59.41	1669.34	20	-261.53	20	-75.16	20	-27.91	20	57.14	20	33.20	20
603	-349	-348	Min.	0.00	1672.52	20	-261.53	20	80.23	20	61.16	20	47.26	20	33.20	20
603	-349	-348	Min.	40.80					-26.47	20			59.74	20		
603	-349	-348	Min.	59.41	1669.34	20	-261.53	20	-75.16	20	-27.91	20	57.14	20	33.20	20
603	-350	-349	Max	0.00	1707.13	20	-297.65	20	91.87	20	93.21	20	-68.75	20	45.17	20
603	-350	-349	Max	59.41	1703.94	20	-297.65	20	-84.97	20	4.15	20	-39.83	20	45.17	20
603	-350	-349	Min.	0.00	1707.13	20	-297.65	20	91.87	20	93.21	20	-68.75	20	45.17	20
603	-350	-349	Min.	59.41	1703.94	20	-297.65	20	-84.97	20	4.15	20	-39.83	20	45.17	20
603	102	-350	Max	24.98	1452.42	20	-831.76	20	131.53	20	699.45	20	-336.55	20	119.52	20
603	102	-350	Max	59.41	1450.57	20	-831.76	20	-154.84	20	647.84	20	-104.62	20	119.52	20
603	102	-350	Min.	24.98	1452.42	20	-831.76	20	131.53	20	699.45	20	-336.55	20	119.52	20
603	102	-350	Min.	59.41	1450.57	20	-831.76	20	-154.84	20	647.84	20	-104.62	20	119.52	20
603	47	102	Max	0.00	729.07	20	-1098.99	20	186.22	20	-268.38	20	12.61	20	63.02	20
603	47	102	Max	28.02	727.56	20	-1098.99	20	-121.67	20	-310.38	20	-68.46	20	63.02	20
603	47	102	Min.	0.00	729.07	20	-1098.99	20	186.22	20	-268.38	20	12.61	20	63.02	20
603	47	102	Min.	28.02	727.56	20	-1098.99	20	-121.67	20	-310.38	20	-68.46	20	63.02	20
604	104	52	Max	0.00	-548.74	20	2.41	20	-14.05	20	111.00	20	-35.23	20	-177.39	20
604	104	52	Max	42.00	-550.99	20	2.41	20	-13.04	20	48.04	20	-1.83	20	-177.39	20
604	104	52	Min.	0.00	-548.74	20	2.41	20	-14.05	20	111.00	20	-35.23	20	-177.39	20
604	104	52	Min.	42.00	-550.99	20	2.41	20	-13.04	20	48.04	20	-1.83	20	-177.39	20
604	103	104	Max	24.98	295.29	20	1.93	20	-4.06	20	350.87	20	-273.17	20	0.59	20
604	103	104	Max	259.05					0.46	20			137.46	20		
604	103	104	Max	450.32	272.47	20	1.93	20	4.15	20	-286.73	20	-136.76	20	0.59	20
604	103	104	Min.	24.98	295.29	20	1.93	20	-4.06	20	350.87	20	-273.17	20	0.59	20
604	103	104	Min.	259.05					0.46	20			137.46	20		
604	103	104	Min.	450.32	272.47	20	1.93	20	4.15	20	-286.73	20	-136.76	20	0.59	20
604	-4	103	Max	0.00	-111.41	20	60.81	20	-3.44	20	-473.29	20	27.51	20	121.60	20
604	-4	103	Max	36.86	-113.39	20	60.81	20	18.97	20	-528.54	20	-157.12	20	121.60	20
604	-4	103	Min.	0.00	-111.41	20	60.81	20	-3.44	20	-473.29	20	27.51	20	121.60	20
604	-4	103	Min.	36.86	-113.39	20	60.81	20	18.97	20	-528.54	20	-157.12	20	121.60	20
605	49	105	Max	0.00	-394.98	20	-188.50	20	40.70	20	-127.92	20	6.82	20	-14.62	20
605	49	105	Max	42.00	-392.73	20	-188.50	20	-38.47	20	-190.88	20	-60.13	20	-14.62	20
605	49	105	Min.	0.00	-394.98	20	-188.50	20	40.70	20	-127.92	20	6.82	20	-14.62	20
605	49	105	Min.	42.00	-392.73	20	-188.50	20	-38.47	20	-190.88	20	-60.13	20	-14.62	20
605	105	106	Max	24.98	-310.83	20	-4.95	20	10.07	20	307.54	20	-195.00	20	5.88	20
605	105	106	Max	230.14					-0.08	20			120.47	20		

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605	105	106	Max	450.32	-288.01	20	-4.95	20	-10.97	20	-330.06	20	-242.89	20	5.88	20
605	105	106	Min.	24.98	-310.83	20	-4.95	20	10.07	20	307.54	20	-195.00	20	5.88	20
605	105	106	Min.	230.14					-0.08	20			120.47	20		
605	105	106	Min.	450.32	-288.01	20	-4.95	20	-10.97	20	-330.06	20	-242.89	20	5.88	20
605	106	-3	Max	0.00	-758.19	20	-140.99	20	48.90	20	159.13	20	-118.58	20	23.54	20
605	106	-3	Max	71.92	-754.33	20	-140.99	20	-52.50	20	51.33	20	-42.91	20	23.54	20
605	106	-3	Min.	0.00	-758.19	20	-140.99	20	48.90	20	159.13	20	-118.58	20	23.54	20
605	106	-3	Min.	71.92	-754.33	20	-140.99	20	-52.50	20	51.33	20	-42.91	20	23.54	20
606	51	108	Max	0.00	-1116.38	20	1198.55	20	-256.02	20	-78.55	20	-6.44	20	56.63	20
606	51	108	Max	42.00	-1114.13	20	1198.55	20	247.37	20	-141.51	20	-52.65	20	56.63	20
606	51	108	Min.	0.00	-1116.38	20	1198.55	20	-256.02	20	-78.55	20	-6.44	20	56.63	20
606	51	108	Min.	42.00	-1114.13	20	1198.55	20	247.37	20	-141.51	20	-52.65	20	56.63	20
606	108	-429	Max	24.98	-2077.53	20	1799.23	20	-275.03	20	243.64	20	-132.19	20	134.22	20
606	108	-429	Max	59.41	-2075.68	20	1799.23	20	344.43	20	192.03	20	-57.19	20	134.22	20
606	108	-429	Min.	24.98	-2077.53	20	1799.23	20	-275.03	20	243.64	20	-132.19	20	134.22	20
606	108	-429	Min.	59.41	-2075.68	20	1799.23	20	344.43	20	192.03	20	-57.19	20	134.22	20
606	-429	-428	Max	0.00	-1546.13	20	712.87	20	-216.22	20	43.76	20	20.50	20	58.24	20
606	-429	-428	Max	29.19					-8.12	20			26.89	20		
606	-429	-428	Max	59.41	-1542.94	20	712.87	20	207.32	20	-45.30	20	20.05	20	58.24	20
606	-429	-428	Min.	0.00	-1546.13	20	712.87	20	-216.22	20	43.76	20	20.50	20	58.24	20
606	-429	-428	Min.	29.19					-8.12	20			26.89	20		
606	-429	-428	Min.	59.41	-1542.94	20	712.87	20	207.32	20	-45.30	20	20.05	20	58.24	20
606	-428	-427	Max	0.00	-1146.29	20	670.72	20	-201.78	20	37.45	20	97.56	20	33.23	20
606	-428	-427	Max	24.98					-34.22	20			102.24	20		
606	-428	-427	Max	59.41	-1143.11	20	670.72	20	196.71	20	-51.61	20	93.35	20	33.23	20
606	-428	-427	Min.	0.00	-1146.29	20	670.72	20	-201.78	20	37.45	20	97.56	20	33.23	20
606	-428	-427	Min.	24.98					-34.22	20			102.24	20		
606	-428	-427	Min.	59.41	-1143.11	20	670.72	20	196.71	20	-51.61	20	93.35	20	33.23	20
606	-427	-426	Max	0.00	-408.08	20	650.19	20	-194.01	20	37.89	20	129.21	20	11.31	20
606	-427	-426	Max	25.28					-29.68	20			133.99	20		
606	-427	-426	Max	59.41	-404.89	20	650.19	20	192.28	20	-51.17	20	125.26	20	11.31	20
606	-427	-426	Min.	0.00	-408.08	20	650.19	20	-194.01	20	37.89	20	129.21	20	11.31	20
606	-427	-426	Min.	25.28					-29.68	20			133.99	20		
606	-427	-426	Min.	59.41	-404.89	20	650.19	20	192.28	20	-51.17	20	125.26	20	11.31	20
606	-426	-425	Max	0.00	408.33	20	649.83	20	-192.24	20	38.59	20	121.77	20	-10.54	20
606	-426	-425	Max	25.74					-24.97	20			126.73	20		
606	-426	-425	Max	59.41	411.52	20	649.83	20	193.85	20	-50.48	20	118.24	20	-10.54	20
606	-426	-425	Min.	0.00	408.33	20	649.83	20	-192.24	20	38.59	20	121.77	20	-10.54	20
606	-426	-425	Min.	25.74					-24.97	20			126.73	20		
606	-426	-425	Min.	59.41	411.52	20	649.83	20	193.85	20	-50.48	20	118.24	20	-10.54	20
606	-425	-424	Max	0.00	1053.10	20	669.52	20	-196.43	20	38.04	20	75.19	20	-32.17	20
606	-425	-424	Max	25.37					-26.56	20			80.02	20		
606	-425	-424	Max	59.41	1056.29	20	669.52	20	201.35	20	-51.03	20	71.33	20	-32.17	20
606	-425	-424	Min.	0.00	1053.10	20	669.52	20	-196.43	20	38.04	20	75.19	20	-32.17	20
606	-425	-424	Min.	25.37					-26.56	20			80.02	20		
606	-425	-424	Min.	59.41	1056.29	20	669.52	20	201.35	20	-51.03	20	71.33	20	-32.17	20
606	-424	-423	Max	0.00	1253.21	20	711.26	20	-206.83	20	24.99	20	-15.22	20	-58.40	20
606	-424	-423	Max	16.67					-88.28	20			-13.13	20		
606	-424	-423	Max	59.41	1256.39	20	711.26	20	215.75	20	-64.08	20	-26.83	20	-58.40	20
606	-424	-423	Min.	0.00	1253.21	20	711.26	20	-206.83	20	24.99	20	-15.22	20	-58.40	20
606	-424	-423	Min.	16.67					-88.28	20			-13.13	20		
606	-424	-423	Min.	59.41	1256.39	20	711.26	20	215.75	20	-64.08	20	-26.83	20	-58.40	20
606	-423	107	Max	0.00	1170.99	20	1800.40	20	-344.28	20	-371.97	20	-91.87	20	-139.25	20
606	-423	107	Max	34.43	1172.84	20	1800.40	20	275.58	20	-423.58	20	-228.82	20	-139.25	20
606	-423	107	Min.	0.00	1170.99	20	1800.40	20	-344.28	20	-371.97	20	-91.87	20	-139.25	20
606	-423	107	Min.	34.43	1172.84	20	1800.40	20	275.58	20	-423.58	20	-228.82	20	-139.25	20
606	107	-2	Max	0.00	66.88	20	555.26	20	-224.29	20	135.52	20	-119.52	20	-62.80	20
606	107	-2	Max	82.51	71.31	20	555.26	20	233.88	20	11.83	20	-58.73	20	-62.80	20
606	107	-2	Min.	0.00	66.88	20	555.26	20	-224.29	20	135.52	20	-119.52	20	-62.80	20
606	107	-2	Min.	82.51	71.31	20	555.26	20	233.88	20	11.83	20	-58.73	20	-62.80	20
607	109	53	Max	0.00	-1008.87	20	-638.61	20	131.75	20	132.17	20	-51.23	20	-30.79	20
607	109	53	Max	42.00	-1011.13	20	-638.61	20	-136.46	20	69.21	20	-8.94	20	-30.79	20
607	109	53	Min.	0.00	-1008.87	20	-638.61	20	131.75	20	132.17	20	-51.23	20	-30.79	20
607	109	53	Min.	42.00	-1011.13	20	-638.61	20	-136.46	20	69.21	20	-8.94	20	-30.79	20
607	-416	109	Max	0.00	-1862.17	20	-953.83	20	181.84	20	-213.68	20	-25.43	20	-81.02	20
607	-416	109	Max	34.43	-1864.01	20	-953.83	20	-146.55	20	-265.29	20	-107.88	20	-81.02	20
607	-416	109	Min.	0.00	-1862.17	20	-953.83	20	181.84	20	-213.68	20	-25.43	20	-81.02	20
607	-416	109	Min.	34.43	-1864.01	20	-953.83	20	-146.55	20	-265.29	20	-107.88	20	-81.02	20
607	-417	-416	Max	0.00	-1277.95	20	-373.31	20	108.45	20	17.06	20	45.29	20	-32.10	20
607	-417	-416	Max	11.38					65.96	20			46.26	20		
607	-417	-416	Max	59.41	-1281.14	20	-373.31	20	-113.35	20	-72.00	20	28.97	20	-32.10	20
607	-417	-416	Min.	0.00	-1277.95	20	-373.31	20	108.45	20	17.06	20	45.29	20	-32.10	20
607	-417	-416	Min.	11.38					65.96	20			46.26	20		
607	-417	-416	Min.	59.41	-1281.14	20	-373.31	20	-113.35	20	-72.00	20	28.97	20	-32.10	20
607	-418	-417	Max	0.00	-791.00	20	-349.41	20	102.29	20	37.26	20	106.28	20	-19.77	20
607	-418	-417	Max	24.86					15.43	20			110.92	20		
607	-418	-417	Max	59.41	-794.18	20	-349.41	20	-105.31	20	-51.80	20	101.97	20	-19.77	20
607	-418	-417	Min.	0.00	-791.00	20	-349.41	20	102.29	20	37.26	20	106.28	20	-19.77	20
607	-418	-417	Min.	24.86					15.43	20			110.92	20		

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607	-418	-417	Min.	59.41	-794.18	20	-349.41	20	-105.31	20	-51.80	20	101.97	20	-19.77	20
607	-419	-418	Max	0.00	-10.76	20	-336.04	20	99.12	20	53.16	20	127.07	20	-9.24	20
607	-419	-418	Max	35.65					-20.67	20			136.50	20		
607	-419	-418	Max	59.41	-13.94	20	-336.04	20	-100.53	20	-35.91	20	132.20	20	-9.24	20
607	-419	-418	Min.	0.00	-10.76	20	-336.04	20	99.12	20	53.16	20	127.07	20	-9.24	20
607	-419	-418	Min.	35.65					-20.67	20			136.50	20		
607	-419	-418	Min.	59.41	-13.94	20	-336.04	20	-100.53	20	-35.91	20	132.20	20	-9.24	20
607	-420	-419	Max	0.00	808.01	20	-332.36	20	98.83	20	68.97	20	108.96	20	1.26	20
607	-420	-419	Max	46.01					-54.08	20			124.82	20		
607	-420	-419	Max	59.41	804.82	20	-332.36	20	-98.64	20	-20.09	20	123.47	20	1.26	20
607	-420	-419	Min.	0.00	808.01	20	-332.36	20	98.83	20	68.97	20	108.96	20	1.26	20
607	-420	-419	Min.	46.01					-54.08	20			124.82	20		
607	-420	-419	Min.	59.41	804.82	20	-332.36	20	-98.64	20	-20.09	20	123.47	20	1.26	20
607	-421	-420	Max	0.00	1413.03	20	-338.01	20	101.25	20	87.91	20	49.33	20	11.01	20
607	-421	-420	Max	58.52					-96.56	20			75.11	20		
607	-421	-420	Max	59.41	1409.84	20	-338.01	20	-99.57	20	-1.16	20	75.10	20	11.01	20
607	-421	-420	Min.	0.00	1413.03	20	-338.01	20	101.25	20	87.91	20	49.33	20	11.01	20
607	-421	-420	Min.	58.52					-96.56	20			75.11	20		
607	-421	-420	Min.	59.41	1409.84	20	-338.01	20	-99.57	20	-1.16	20	75.10	20	11.01	20
607	-422	-421	Max	0.00	1528.78	20	-354.48	20	107.19	20	117.13	20	-60.07	20	24.71	20
607	-422	-421	Max	59.41	1525.59	20	-354.48	20	-103.42	20	28.06	20	-16.94	20	24.71	20
607	-422	-421	Min.	0.00	1528.78	20	-354.48	20	107.19	20	117.13	20	-60.07	20	24.71	20
607	-422	-421	Min.	59.41	1525.59	20	-354.48	20	-103.42	20	28.06	20	-16.94	20	24.71	20
607	110	-422	Max	24.98	1370.98	20	-910.73	20	140.81	20	637.61	20	-294.45	20	88.88	20
607	110	-422	Max	59.41	1369.14	20	-910.73	20	-172.74	20	586.00	20	-83.81	20	88.88	20
607	110	-422	Min.	24.98	1370.98	20	-910.73	20	140.81	20	637.61	20	-294.45	20	88.88	20
607	110	-422	Min.	59.41	1369.14	20	-910.73	20	-172.74	20	586.00	20	-83.81	20	88.88	20
607	-489	110	Max	0.00	219.94	20	-597.28	20	134.60	20	-211.42	20	-52.37	20	44.76	20
607	-489	110	Max	43.93	217.58	20	-597.28	20	-127.77	20	-277.27	20	-159.70	20	44.76	20
607	-489	110	Min.	0.00	219.94	20	-597.28	20	134.60	20	-211.42	20	-52.37	20	44.76	20
607	-489	110	Min.	43.93	217.58	20	-597.28	20	-127.77	20	-277.27	20	-159.70	20	44.76	20
607	-5	-489	Max	0.00	8.14	20	-621.61	20	137.09	20	-13.81	20	-0.73	20	7.29	20
607	-5	-489	Max	43.93	5.78	20	-621.61	20	-135.97	20	-79.66	20	-21.26	20	7.29	20
607	-5	-489	Min.	0.00	8.14	20	-621.61	20	137.09	20	-13.81	20	-0.73	20	7.29	20
607	-5	-489	Min.	43.93	5.78	20	-621.61	20	-135.97	20	-79.66	20	-21.26	20	7.29	20
608	50	112	Max	0.00	-799.32	20	645.96	20	-137.81	20	-83.44	20	-11.32	20	28.27	20
608	50	112	Max	42.00	-797.06	20	645.96	20	133.49	20	-146.40	20	-59.59	20	28.27	20
608	50	112	Min.	0.00	-799.32	20	645.96	20	-137.81	20	-83.44	20	-11.32	20	28.27	20
608	50	112	Min.	42.00	-797.06	20	645.96	20	133.49	20	-146.40	20	-59.59	20	28.27	20
608	112	-443	Max	24.98	-1499.59	20	978.16	20	-148.34	20	209.06	20	-73.28	20	57.55	20
608	112	-443	Max	59.41	-1497.74	20	978.16	20	188.43	20	157.45	20	-10.18	20	57.55	20
608	112	-443	Min.	24.98	-1499.59	20	978.16	20	-148.34	20	209.06	20	-73.28	20	57.55	20
608	112	-443	Min.	59.41	-1497.74	20	978.16	20	188.43	20	157.45	20	-10.18	20	57.55	20
608	-443	-442	Max	0.00	-954.57	20	394.32	20	-119.48	20	85.77	20	32.60	20	30.66	20
608	-443	-442	Max	57.22					106.14	20			57.14	20		
608	-443	-442	Max	59.41	-951.38	20	394.32	20	114.80	20	-3.29	20	57.11	20	30.66	20
608	-443	-442	Min.	0.00	-954.57	20	394.32	20	-119.48	20	85.77	20	32.60	20	30.66	20
608	-443	-442	Min.	57.22					106.14	20			57.14	20		
608	-443	-442	Min.	59.41	-951.38	20	394.32	20	114.80	20	-3.29	20	57.11	20	30.66	20
608	-442	-441	Max	0.00	-443.00	20	371.83	20	-111.84	20	60.82	20	98.67	20	18.12	20
608	-442	-441	Max	40.57					39.02	20			111.00	20		
608	-442	-441	Max	59.41	-439.82	20	371.83	20	109.08	20	-28.24	20	108.34	20	18.12	20
608	-442	-441	Min.	0.00	-443.00	20	371.83	20	-111.84	20	60.82	20	98.67	20	18.12	20
608	-442	-441	Min.	40.57					39.02	20			111.00	20		
608	-442	-441	Min.	59.41	-439.82	20	371.83	20	109.08	20	-28.24	20	108.34	20	18.12	20
608	-441	-440	Max	0.00	314.62	20	360.43	20	-107.58	20	34.90	20	124.74	20	6.62	20
608	-441	-440	Max	23.39					-23.27	20			128.80	20		
608	-441	-440	Max	59.41	317.81	20	360.43	20	106.56	20	-54.17	20	119.01	20	6.62	20
608	-441	-440	Min.	0.00	314.62	20	360.43	20	-107.58	20	34.90	20	124.74	20	6.62	20
608	-441	-440	Min.	23.39					-23.27	20			128.80	20		
608	-441	-440	Min.	59.41	317.81	20	360.43	20	106.56	20	-54.17	20	119.01	20	6.62	20
608	-440	-439	Max	0.00	1065.62	20	359.69	20	-106.47	20	12.27	20	111.44	20	-5.03	20
608	-440	-439	Max	8.18					-77.04	20			111.94	20		
608	-440	-439	Max	59.41	1068.81	20	359.69	20	107.24	20	-76.80	20	92.27	20	-5.03	20
608	-440	-439	Min.	0.00	1065.62	20	359.69	20	-106.47	20	12.27	20	111.44	20	-5.03	20
608	-440	-439	Min.	8.18					-77.04	20			111.94	20		
608	-440	-439	Min.	59.41	1068.81	20	359.69	20	107.24	20	-76.80	20	92.27	20	-5.03	20
608	-439	-438	Max	0.00	1559.40	20	369.30	20	-108.50	20	-23.79	20	59.80	20	-15.82	20
608	-439	-438	Max	59.41	1562.59	20	369.30	20	110.92	20	-112.85	20	19.21	20	-15.82	20
608	-439	-438	Min.	0.00	1559.40	20	369.30	20	-108.50	20	-23.79	20	59.80	20	-15.82	20
608	-439	-438	Min.	59.41	1562.59	20	369.30	20	110.92	20	-112.85	20	19.21	20	-15.82	20
608	-438	-437	Max	0.00	1502.84	20	389.95	20	-113.63	20	-47.25	20	-41.81	20	-28.99	20
608	-438	-437	Max	59.41	1506.03	20	389.95	20	118.06	20	-136.32	20	-96.34	20	-28.99	20
608	-438	-437	Min.	0.00	1502.84	20	389.95	20	-113.63	20	-47.25	20	-41.81	20	-28.99	20
608	-438	-437	Min.	59.41	1506.03	20	389.95	20	118.06	20	-136.32	20	-96.34	20	-28.99	20
608	-437	111	Max	0.00	1096.15	20	981.57	20	-187.86	20	-543.37	20	-108.62	20	-73.79	20
608	-437	111	Max	34.43	1098.00	20	981.57	20	150.08	20	-594.98	20	-304.58	20	-73.79	20
608	-437	111	Min.	0.00	1096.15	20	981.57	20	-187.86	20	-543.37	20	-108.62	20	-73.79	20
608	-437	111	Min.	34.43	1098.00	20	981.57	20	150.08	20	-594.98	20	-304.58	20	-73.79	20

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608	111	-495	Max	0.00	2.32	20	585.13	20	-136.80	20	253.75	20	-157.60	20	-28.37	20
608	111	-495	Max	47.50	4.87	20	585.13	20	141.14	20	182.54	20	-53.99	20	-28.37	20
608	111	-495	Min.	0.00	2.32	20	585.13	20	-136.80	20	253.75	20	-157.60	20	-28.37	20
608	111	-495	Min.	47.50	4.87	20	585.13	20	141.14	20	182.54	20	-53.99	20	-28.37	20
608	-495	48	Max	0.00	-221.75	20	593.50	20	-141.76	20	63.77	20	-16.48	20	10.50	20
608	-495	48	Max	42.54					110.72	20			-2.92	20		
608	-495	48	Max	47.50	-219.21	20	593.50	20	140.15	20	-7.43	20	-3.10	20	10.50	20
608	-495	48	Min.	0.00	-221.75	20	593.50	20	-141.76	20	63.77	20	-16.48	20	10.50	20
608	-495	48	Min.	42.54					110.72	20			-2.92	20		
608	-495	48	Min.	47.50	-219.21	20	593.50	20	140.15	20	-7.43	20	-3.10	20	10.50	20
609	57	101	Max	0.00	0.00	20	-5.26	20	-4.51	20	-46.43	20	-10.22	20	25.60	20
609	57	101	Max	41.00	0.00	20	-8.83	20	-7.40	20	-148.87	20	-50.26	20	25.60	20
609	57	101	Min.	0.00	0.00	20	-5.26	20	-4.51	20	-46.43	20	-10.22	20	25.60	20
609	57	101	Min.	41.00	0.00	20	-8.83	20	-7.40	20	-148.87	20	-50.26	20	25.60	20
609	101	-364	Max	50.00	0.00	20	107.67	20	-102.12	20	2543.12	20	-432.26	20	189.07	20
609	101	-364	Max	56.62	0.00	20	105.40	20	-95.07	20	2478.10	20	-265.93	20	189.07	20
609	101	-364	Min.	50.00	0.00	20	107.67	20	-102.12	20	2543.12	20	-432.26	20	189.07	20
609	101	-364	Min.	56.62	0.00	20	105.40	20	-95.07	20	2478.10	20	-265.93	20	189.07	20
609	-364	-363	Max	0.00	0.00	20	63.07	20	-29.58	20	840.36	20	-247.60	20	15.24	20
609	-364	-363	Max	56.62	0.00	20	43.66	20	0.63	20	284.66	20	70.92	20	15.24	20
609	-364	-363	Min.	0.00	0.00	20	63.07	20	-29.58	20	840.36	20	-247.60	20	15.24	20
609	-364	-363	Min.	56.62	0.00	20	43.66	20	0.63	20	284.66	20	70.92	20	15.24	20
609	-363	-362	Max	0.00	0.00	20	33.91	20	55.94	20	533.01	20	193.46	20	-9.58	20
609	-363	-362	Max	54.31					69.31	20			338.20	20		
609	-363	-362	Max	56.62	0.00	20	14.50	20	69.65	20	-22.70	20	337.94	20	-9.58	20
609	-363	-362	Min.	0.00	0.00	20	33.91	20	55.94	20	533.01	20	193.46	20	-9.58	20
609	-363	-362	Min.	54.31					69.31	20			338.20	20		
609	-363	-362	Min.	56.62	0.00	20	14.50	20	69.65	20	-22.70	20	337.94	20	-9.58	20
609	-362	-361	Max	0.00	0.00	20	13.52	20	92.94	20	318.14	20	397.37	20	14.03	20
609	-362	-361	Max	32.42					95.53	20			448.94	20		
609	-362	-361	Max	56.62	0.00	20	-5.88	20	95.11	20	-237.56	20	420.18	20	14.03	20
609	-362	-361	Min.	0.00	0.00	20	13.52	20	92.94	20	318.14	20	397.37	20	14.03	20
609	-362	-361	Min.	39.46					95.61	20			446.50	20		
609	-362	-361	Min.	56.62	0.00	20	-5.88	20	95.11	20	-237.56	20	420.18	20	14.03	20
609	-361	-360	Max	0.00	0.00	20	-9.05	20	87.75	20	80.21	20	411.68	20	36.02	20
609	-361	-360	Max	8.17					86.90	20			414.96	20		
609	-361	-360	Max	56.62	0.00	20	-28.45	20	77.14	20	-475.50	20	299.76	20	36.02	20
609	-361	-360	Min.	0.00	0.00	20	-9.05	20	87.75	20	80.21	20	411.68	20	36.02	20
609	-361	-360	Min.	8.17					86.90	20			414.96	20		
609	-361	-360	Min.	56.62	0.00	20	-28.45	20	77.14	20	-475.50	20	299.76	20	36.02	20
609	-360	-359	Max	0.00	0.00	20	-28.83	20	40.29	20	-128.35	20	227.61	20	60.36	20
609	-360	-359	Max	56.62	0.00	20	-48.24	20	18.47	20	-684.06	20	-2.40	20	60.36	20
609	-360	-359	Min.	0.00	0.00	20	-28.83	20	40.29	20	-128.35	20	227.61	20	60.36	20
609	-360	-359	Min.	56.62	0.00	20	-48.24	20	18.47	20	-684.06	20	-2.40	20	60.36	20
609	-359	-358	Max	0.00	0.00	20	-65.28	20	-55.82	20	-512.61	20	-151.24	20	25.37	20
609	-359	-358	Max	56.62	0.00	20	-84.69	20	-98.28	20	-1068.31	20	-598.84	20	25.37	20
609	-359	-358	Min.	0.00	0.00	20	-65.28	20	-55.82	20	-512.61	20	-151.24	20	25.37	20
609	-359	-358	Min.	56.62	0.00	20	-84.69	20	-98.28	20	-1068.31	20	-598.84	20	25.37	20
609	-358	104	Max	0.00	0.00	20	-136.86	20	-170.38	20	-3222.03	20	-561.13	20	-151.87	20
609	-358	104	Max	6.62	0.00	20	-139.13	20	-179.52	20	-3287.05	20	-776.74	20	-151.87	20
609	-358	104	Min.	0.00	0.00	20	-136.86	20	-170.38	20	-3222.03	20	-561.13	20	-151.87	20
609	-358	104	Min.	6.62	0.00	20	-139.13	20	-179.52	20	-3287.05	20	-776.74	20	-151.87	20
609	104	-380	Max	0.00	0.00	20	120.11	20	-240.28	20	1433.21	20	-1308.55	20	15.77	20
609	104	-380	Max	57.22	0.00	20	100.50	20	-177.16	20	871.65	20	-649.11	20	15.77	20
609	104	-380	Min.	0.00	0.00	20	120.11	20	-240.28	20	1433.21	20	-1308.55	20	15.77	20
609	104	-380	Min.	57.22	0.00	20	100.50	20	-177.16	20	871.65	20	-649.11	20	15.77	20
609	-380	-379	Max	0.00	0.00	20	68.76	20	-57.33	20	896.68	20	-384.09	20	-58.31	20
609	-380	-379	Max	57.22	0.00	20	49.15	20	-23.59	20	335.12	20	-31.66	20	-58.31	20
609	-380	-379	Min.	0.00	0.00	20	68.76	20	-57.33	20	896.68	20	-384.09	20	-58.31	20
609	-380	-379	Min.	57.22	0.00	20	49.15	20	-23.59	20	335.12	20	-31.66	20	-58.31	20
609	-379	-378	Max	0.00	0.00	20	50.65	20	47.94	20	707.50	20	128.59	20	-34.50	20
609	-379	-378	Max	57.22	0.00	20	31.04	20	71.31	20	145.94	20	372.77	20	-34.50	20
609	-379	-378	Min.	0.00	0.00	20	50.65	20	47.94	20	707.50	20	128.59	20	-34.50	20
609	-379	-378	Min.	57.22	0.00	20	31.04	20	71.31	20	145.94	20	372.77	20	-34.50	20
609	-378	-377	Max	0.00	0.00	20	27.85	20	115.07	20	469.27	20	474.45	20	-11.31	20
609	-378	-377	Max	47.82					124.47	20			586.64	20		
609	-378	-377	Max	57.22	0.00	20	8.24	20	125.39	20	-92.29	20	582.30	20	-11.31	20
609	-378	-377	Min.	0.00	0.00	20	27.85	20	115.07	20	469.27	20	474.45	20	-11.31	20
609	-378	-377	Min.	47.82					124.47	20			586.64	20		
609	-378	-377	Min.	57.22	0.00	20	8.24	20	125.39	20	-92.29	20	582.30	20	-11.31	20
609	-377	-376	Max	0.00	0.00	20	6.11	20	136.83	20	242.13	20	610.63	20	10.36	20
609	-377	-376	Max	24.67					137.29	20			640.50	20		
609	-377	-376	Max	57.22	0.00	20	-13.50	20	134.71	20	-319.43	20	588.52	20	10.36	20
609	-377	-376	Min.	0.00	0.00	20	6.11	20	136.83	20	242.13	20	610.63	20	10.36	20
609	-377	-376	Min.	17.82					137.37	20			638.20	20		
609	-377	-376	Min.	57.22	0.00	20	-13.50	20	134.71	20	-319.43	20	588.52	20	10.36	20
609	-376	-375	Max	0.00	0.00	20	-15.77	20	115.16	20	13.58	20	548.07	20	32.70	20
609	-376	-375	Max	1.52					114.92	20			548.16	20		
609	-376	-375	Max	57.22	0.00	20	-35.38	20	100.53	20	-547.99	20	395.17	20	32.70	20

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609	-376	-375	Min.	0.00	0.00	20	-15.77	20	115.16	20	13.58	20	548.07	20	32.70	20
609	-376	-375	Min.	1.52					114.92	20			548.16	20		
609	-376	-375	Min.	57.22	0.00	20	-35.38	20	100.53	20	-547.99	20	395.17	20	32.70	20
609	-375	-374	Max	0.00	0.00	20	-38.21	20	49.15	20	-220.82	20	283.26	20	56.73	20
609	-375	-374	Max	57.22	0.00	20	-57.82	20	21.67	20	-782.38	20	-3.76	20	56.73	20
609	-375	-374	Min.	0.00	0.00	20	-38.21	20	49.15	20	-220.82	20	283.26	20	56.73	20
609	-375	-374	Min.	57.22	0.00	20	-57.82	20	21.67	20	-782.38	20	-3.76	20	56.73	20
609	-374	-373	Max	0.00	0.00	20	-60.94	20	-60.26	20	-458.30	20	-179.88	20	68.67	20
609	-374	-373	Max	57.22	0.00	20	-80.55	20	-100.74	20	-1019.86	20	-602.80	20	68.67	20
609	-374	-373	Min.	0.00	0.00	20	-60.94	20	-60.26	20	-458.30	20	-179.88	20	68.67	20
609	-374	-373	Min.	57.22	0.00	20	-80.55	20	-100.74	20	-1019.86	20	-602.80	20	68.67	20
609	-373	105	Max	0.00	0.00	20	-174.84	20	-211.04	20	-2020.59	20	-648.36	20	-44.54	20
609	-373	105	Max	44.72	0.00	20	-190.17	20	-292.66	20	-2459.48	20	-1650.15	20	-44.54	20
609	-373	105	Min.	0.00	0.00	20	-174.84	20	-211.04	20	-2020.59	20	-648.36	20	-44.54	20
609	-373	105	Min.	44.72	0.00	20	-190.17	20	-292.66	20	-2459.48	20	-1650.15	20	-44.54	20
609	105	-396	Max	12.50	0.00	20	210.79	20	-316.48	20	2601.92	20	-1788.74	20	37.64	20
609	105	-396	Max	60.00	0.00	20	194.51	20	-220.22	20	2135.77	20	-663.53	20	37.64	20
609	105	-396	Min.	12.50	0.00	20	210.79	20	-316.48	20	2601.92	20	-1788.74	20	37.64	20
609	105	-396	Min.	60.00	0.00	20	194.51	20	-220.22	20	2135.77	20	-663.53	20	37.64	20
609	-396	-395	Max	0.00	0.00	20	87.48	20	-95.28	20	1069.29	20	-587.63	20	-88.27	20
609	-396	-395	Max	60.00	0.00	20	66.92	20	-48.96	20	480.47	20	-122.70	20	-88.27	20
609	-396	-395	Min.	0.00	0.00	20	87.48	20	-95.28	20	1069.29	20	-587.63	20	-88.27	20
609	-396	-395	Min.	60.00	0.00	20	66.92	20	-48.96	20	480.47	20	-122.70	20	-88.27	20
609	-395	-394	Max	0.00	0.00	20	65.05	20	44.42	20	844.17	20	89.14	20	-73.33	20
609	-395	-394	Max	60.00	0.00	20	44.49	20	77.28	20	255.35	20	418.99	20	-73.33	20
609	-395	-394	Min.	0.00	0.00	20	65.05	20	44.42	20	844.17	20	89.14	20	-73.33	20
609	-395	-394	Min.	60.00	0.00	20	44.49	20	77.28	20	255.35	20	418.99	20	-73.33	20
609	-394	-393	Max	0.00	0.00	20	41.68	20	138.35	20	609.62	20	557.78	20	-48.77	20
609	-394	-393	Max	60.00	0.00	20	21.12	20	157.20	20	20.80	20	746.91	20	-48.77	20
609	-394	-393	Min.	0.00	0.00	20	41.68	20	138.35	20	609.62	20	557.78	20	-48.77	20
609	-394	-393	Min.	60.00	0.00	20	21.12	20	157.20	20	20.80	20	746.91	20	-48.77	20
609	-393	-392	Max	0.00	0.00	20	19.39	20	183.84	20	385.84	20	802.69	20	-26.70	20
609	-393	-392	Max	39.32					188.82	20			878.54	20		
609	-393	-392	Max	60.00	0.00	20	-1.17	20	189.31	20	-202.98	20	857.55	20	-26.70	20
609	-393	-392	Min.	0.00	0.00	20	19.39	20	183.84	20	385.84	20	802.69	20	-26.70	20
609	-393	-392	Min.	56.58					189.33	20			863.91	20		
609	-393	-392	Min.	60.00	0.00	20	-1.17	20	189.31	20	-202.98	20	857.55	20	-26.70	20
609	-392	-391	Max	0.00	0.00	20	-2.72	20	182.85	20	163.95	20	834.32	20	-5.46	20
609	-392	-391	Max	16.71					181.92	20			848.02	20		
609	-392	-391	Max	60.00	0.00	20	-23.28	20	175.05	20	-424.87	20	756.05	20	-5.46	20
609	-392	-391	Min.	0.00	0.00	20	-2.72	20	182.85	20	163.95	20	834.32	20	-5.46	20
609	-392	-391	Min.	16.71					181.92	20			848.02	20		
609	-392	-391	Min.	60.00	0.00	20	-23.28	20	175.05	20	-424.87	20	756.05	20	-5.46	20
609	-391	-390	Max	0.00	0.00	20	-25.03	20	134.87	20	-60.03	20	651.02	20	17.55	20
609	-391	-390	Max	60.00	0.00	20	-45.59	20	113.69	20	-648.85	20	438.36	20	17.55	20
609	-391	-390	Min.	0.00	0.00	20	-25.03	20	134.87	20	-60.03	20	651.02	20	17.55	20
609	-391	-390	Min.	60.00	0.00	20	-45.59	20	113.69	20	-648.85	20	438.36	20	17.55	20
609	-390	-389	Max	0.00	0.00	20	-47.03	20	42.61	20	-280.85	20	264.28	20	21.04	20
609	-390	-389	Max	60.00	0.00	20	-67.59	20	8.22	20	-869.67	20	-80.88	20	21.04	20
609	-390	-389	Min.	0.00	0.00	20	-47.03	20	42.61	20	-280.85	20	264.28	20	21.04	20
609	-390	-389	Min.	60.00	0.00	20	-67.59	20	8.22	20	-869.67	20	-80.88	20	21.04	20
609	-389	108	Max	0.00	0.00	20	-153.86	20	-91.25	20	-2077.16	20	-121.68	20	-118.81	20
609	-389	108	Max	35.00	0.00	20	-165.86	20	-147.20	20	-2420.64	20	-908.80	20	-118.81	20
609	-389	108	Min.	0.00	0.00	20	-153.86	20	-91.25	20	-2077.16	20	-121.68	20	-118.81	20
609	-389	108	Min.	35.00	0.00	20	-165.86	20	-147.20	20	-2420.64	20	-908.80	20	-118.81	20
609	108	60	Max	0.00	0.00	20	16.66	20	-17.24	20	253.94	20	-110.13	20	-66.03	20
609	108	60	Max	42.00	0.00	20	12.99	20	-11.02	20	149.00	20	-25.51	20	-66.03	20
609	108	60	Min.	0.00	0.00	20	16.66	20	-17.24	20	253.94	20	-110.13	20	-66.03	20
609	108	60	Min.	42.00	0.00	20	12.99	20	-11.02	20	149.00	20	-25.51	20	-66.03	20
610	110	113	Max	0.00	0.00	20	-11.80	20	9.86	20	189.98	20	-67.15	20	-35.71	20
610	110	113	Max	41.00	0.00	20	-8.22	20	5.75	20	87.54	20	-10.26	20	-35.71	20
610	110	113	Min.	0.00	0.00	20	-11.80	20	9.86	20	189.98	20	-67.15	20	-35.71	20
610	110	113	Min.	41.00	0.00	20	-8.22	20	5.75	20	87.54	20	-10.26	20	-35.71	20
610	-490	110	Max	0.00	0.00	20	80.94	20	13.51	20	-1022.85	20	94.12	20	-105.12	20
610	-490	110	Max	35.83	0.00	20	93.22	20	44.71	20	-1374.50	20	-335.41	20	-105.12	20
610	-490	110	Min.	0.00	0.00	20	80.94	20	13.51	20	-1022.85	20	94.12	20	-105.12	20
610	-490	110	Min.	35.83	0.00	20	93.22	20	44.71	20	-1374.50	20	-335.41	20	-105.12	20
610	-491	-490	Max	0.00	0.00	20	17.94	20	-68.62	20	17.08	20	335.05	20	33.16	20
610	-491	-490	Max	1.74					-68.30	20			335.20	20		
610	-491	-490	Max	60.83	0.00	20	38.79	20	-51.36	20	-579.92	20	163.85	20	33.16	20
610	-491	-490	Min.	0.00	0.00	20	17.94	20	-68.62	20	17.08	20	335.05	20	33.16	20
610	-491	-490	Min.	1.74					-68.30	20			335.20	20		
610	-491	-490	Min.	60.83	0.00	20	38.79	20	-51.36	20	-579.92	20	163.85	20	33.16	20
610	-492	-491	Max	0.00	0.00	20	-0.02	20	-104.18	20	195.28	20	468.82	20	13.46	20
610	-492	-491	Max	19.90					-103.51	20			488.25	20		
610	-492	-491	Max	60.83	0.00	20	20.83	20	-97.86	20	-401.72	20	406.03	20	13.46	20
610	-492	-491	Min.	0.00	0.00	20	-0.02	20	-104.18	20	195.28	20	468.82	20	13.46	20
610	-492	-491	Min.	19.90					-103.51	20			488.25	20		
610	-492	-491	Min.	60.83	0.00	20	20.83	20	-97.86	20	-401.72	20	406.03	20	13.46	20

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610	-493	-492	Max	0.00	0.00	20	-18.17	20	-102.41	20	375.38	20	431.22	20	-27.98	20
610	-493	-492	Max	38.25					-106.86	20			503.01	20		
610	-493	-492	Max	60.83	0.00	20	2.67	20	-107.12	20	-221.62	20	477.99	20	-27.98	20
610	-493	-492	Min.	0.00	0.00	20	-18.17	20	-102.41	20	375.38	20	431.22	20	-27.98	20
610	-493	-492	Min.	38.25					-106.86	20			503.01	20		
610	-493	-492	Min.	60.83	0.00	20	2.67	20	-107.12	20	-221.62	20	477.99	20	-27.98	20
610	-494	-493	Max	0.00	0.00	20	-35.16	20	-64.81	20	543.93	20	231.35	20	-55.40	20
610	-494	-493	Max	55.43					-79.03	20			382.09	20		
610	-494	-493	Max	60.83	0.00	20	-14.31	20	-79.86	20	-53.07	20	380.65	20	-55.40	20
610	-494	-493	Min.	0.00	0.00	20	-35.16	20	-64.81	20	543.93	20	231.35	20	-55.40	20
610	-494	-493	Min.	55.43					-79.03	20			382.09	20		
610	-494	-493	Min.	60.83	0.00	20	-14.31	20	-79.86	20	-53.07	20	380.65	20	-55.40	20
610	111	-494	Max	25.00	0.00	20	-73.02	20	16.67	20	1093.53	20	-177.86	20	57.73	20
610	111	-494	Max	60.83	0.00	20	-60.74	20	-7.29	20	741.87	20	150.98	20	57.73	20
610	111	-494	Min.	25.00	0.00	20	-73.02	20	16.67	20	1093.53	20	-177.86	20	57.73	20
610	111	-494	Min.	60.83	0.00	20	-60.74	20	-7.29	20	741.87	20	150.98	20	57.73	20
610	66	111	Max	0.00	0.00	20	1.72	20	-1.28	20	-41.77	20	8.66	20	-28.70	20
610	66	111	Max	13.00	0.00	20	2.86	20	-0.98	20	-74.25	20	1.11	20	-28.70	20
610	66	111	Min.	0.00	0.00	20	1.72	20	-1.28	20	-41.77	20	8.66	20	-28.70	20
610	66	111	Min.	13.00	0.00	20	2.86	20	-0.98	20	-74.25	20	1.11	20	-28.70	20
613	114	109	Max	0.00	0.00	20	-9.67	20	-7.69	20	-107.59	20	-16.40	20	40.97	20
613	114	109	Max	41.00	0.00	20	-13.24	20	-12.39	20	-210.03	20	-81.51	20	40.97	20
613	114	109	Min.	0.00	0.00	20	-9.67	20	-7.69	20	-107.59	20	-16.40	20	40.97	20
613	114	109	Min.	41.00	0.00	20	-13.24	20	-12.39	20	-210.03	20	-81.51	20	40.97	20
613	109	-408	Max	25.00	0.00	20	99.38	20	-70.77	20	1708.86	20	-454.41	20	77.27	20
613	109	-408	Max	52.14	0.00	20	90.08	20	-45.06	20	1442.48	20	-26.73	20	77.27	20
613	109	-408	Min.	25.00	0.00	20	99.38	20	-70.77	20	1708.86	20	-454.41	20	77.27	20
613	109	-408	Min.	52.14	0.00	20	90.08	20	-45.06	20	1442.48	20	-26.73	20	77.27	20
613	-408	-407	Max	0.00	0.00	20	51.57	20	22.02	20	738.04	20	7.41	20	-11.32	20
613	-408	-407	Max	52.14	0.00	20	33.70	20	44.25	20	226.33	20	258.83	20	-11.32	20
613	-408	-407	Min.	0.00	0.00	20	51.57	20	22.02	20	738.04	20	7.41	20	-11.32	20
613	-408	-407	Min.	52.14	0.00	20	33.70	20	44.25	20	226.33	20	258.83	20	-11.32	20
613	-407	-406	Max	0.00	0.00	20	31.16	20	88.11	20	507.27	20	346.05	20	-10.75	20
613	-407	-406	Max	51.62					99.64	20			477.16	20		
613	-407	-406	Max	52.14	0.00	20	13.29	20	99.70	20	-4.44	20	477.15	20	-10.75	20
613	-407	-406	Min.	0.00	0.00	20	31.16	20	88.11	20	507.27	20	346.05	20	-10.75	20
613	-407	-406	Min.	51.62					99.64	20			477.16	20		
613	-407	-406	Min.	52.14	0.00	20	13.29	20	99.70	20	-4.44	20	477.15	20	-10.75	20
613	-406	-405	Max	0.00	0.00	20	11.94	20	118.54	20	289.80	20	519.19	20	7.05	20
613	-406	-405	Max	29.53					120.57	20			561.98	20		
613	-406	-405	Max	52.14	0.00	20	-5.93	20	120.11	20	-221.92	20	536.89	20	7.05	20
613	-406	-405	Min.	0.00	0.00	20	11.94	20	118.54	20	289.80	20	519.19	20	7.05	20
613	-406	-405	Min.	34.83					120.62	20			560.60	20		
613	-406	-405	Min.	52.14	0.00	20	-5.93	20	120.11	20	-221.92	20	536.89	20	7.05	20
613	-405	-404	Max	0.00	0.00	20	-7.54	20	112.61	20	69.53	20	526.18	20	24.83	20
613	-405	-404	Max	7.09					111.99	20			528.64	20		
613	-405	-404	Max	52.14	0.00	20	-25.41	20	104.02	20	-442.18	20	429.02	20	24.83	20
613	-405	-404	Min.	0.00	0.00	20	-7.54	20	112.61	20	69.53	20	526.18	20	24.83	20
613	-405	-404	Min.	7.09					111.99	20			528.64	20		
613	-405	-404	Min.	52.14	0.00	20	-25.41	20	104.02	20	-442.18	20	429.02	20	24.83	20
613	-404	-403	Max	0.00	0.00	20	-26.75	20	71.63	20	-147.73	20	372.11	20	34.56	20
613	-404	-403	Max	52.14	0.00	20	-44.62	20	53.02	20	-659.45	20	161.67	20	34.56	20
613	-404	-403	Min.	0.00	0.00	20	-26.75	20	71.63	20	-147.73	20	372.11	20	34.56	20
613	-404	-403	Min.	52.14	0.00	20	-44.62	20	53.02	20	-659.45	20	161.67	20	34.56	20
613	-403	112	Max	0.00	0.00	20	-62.00	20	-2.49	20	-972.53	20	113.42	20	-20.43	20
613	-403	112	Max	27.14	0.00	20	-71.31	20	-20.58	20	-1238.90	20	-186.70	20	-20.43	20
613	-403	112	Min.	0.00	0.00	20	-62.00	20	-2.49	20	-972.53	20	113.42	20	-20.43	20
613	-403	112	Min.	27.14	0.00	20	-71.31	20	-20.58	20	-1238.90	20	-186.70	20	-20.43	20
613	112	65	Max	0.00	0.00	20	3.85	20	-0.90	20	99.46	20	-8.85	20	3.45	20
613	112	65	Max	13.00	0.00	20	2.72	20	-0.47	20	66.98	20	1.97	20	3.45	20
613	112	65	Min.	0.00	0.00	20	3.85	20	-0.90	20	99.46	20	-8.85	20	3.45	20
613	112	65	Min.	13.00	0.00	20	2.72	20	-0.47	20	66.98	20	1.97	20	3.45	20

Sollecitazioni elementi bidimensionali

Simbologia

σ_{xx} =Tensione normale sulle facce perp. all'asse X

σ_{zz} =Tensione normale sulle facce perp. all'asse Z

τ_{xy} =Tensione in dir. Y sulle facce perp. all'asse X

τ_{xz} =Tensione in dir. Z sulle facce perp. all'asse X

τ_{zy} =Tensione in dir. Y sulle facce perp. all'asse Z

Bid. =Numero del muro/elemento bidimensionale

CC =Numero della combinazione delle condizioni di carico elementari

Mxx =Momento che provoca variazione di tensione sulle facce perp. all'asse X

Mxz =Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X

Mzz =Momento che provoca variazione di tensione sulle facce perp. all'asse Z

Nodo =Numero del nodo

TCC =Tipo di combinazione di carico

SLU = Stato limite ultimo

SLE R = Stato limite d'esercizio, combinazione rara

SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Bid. 105

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	5	SND	50	-228216	13	SND	50	200727	σ_{zz} <daN/mq>	5	SND	50	-22822	13	SND	50	20073
τ_{xz} <daN/mq>	9	SND	50	-55669	1	SND	109	55809	M_{xx} <daNm/m>	13	SND	-444	-3150	5	SND	-442	3369
M_{zz} <daNm/m>	9	SND	109	-1341	17	SLU	-400	1959	M_{xz} <daNm/m>	13	SND	-505	-526	5	SND	-505	562
τ_{zy} <daN/mq>	1	SND	-505	-22602	9	SND	-490	21613	τ_{xy} <daN/mq>	5	SND	112	-66913	13	SND	112	58840

Bid. 106

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	13	SND	-4	-156799	5	SND	58	172496	σ_{zz} <daN/mq>	13	SND	-4	-15727	5	SND	58	17250
τ_{xz} <daN/mq>	17	SLU	-389	-89516	17	SLU	-383	76269	M_{xx} <daNm/m>	13	SND	56	-2679	13	SND	-342	1897
M_{zz} <daNm/m>	9	SND	-365	-3764	17	SLU	-384	3063	M_{xz} <daNm/m>	13	SND	-452	-670	1	SND	-336	573
τ_{zy} <daN/mq>	9	SND	54	-49795	1	SND	-358	58220	τ_{xy} <daN/mq>	9	SND	-344	-19100	5	SND	-350	18748

Bid. 403

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SND	-272	0	1	SND	-300	0	σ_{zz} <daN/mq>	1	SND	-266	0	1	SND	15	0
τ_{xz} <daN/mq>	1	SND	-271	0	1	SND	31	0	M_{xx} <daNm/m>	9	SND	10	-1963	9	SND	31	3499
M_{zz} <daNm/m>	13	SND	9	-4131	5	SND	28	4145	M_{xz} <daNm/m>	5	SND	-217	-1665	13	SND	-321	1857
τ_{zy} <daN/mq>	1	SND	28	-26925	9	SND	11	27129	τ_{xy} <daN/mq>	13	SND	-316	-40402	13	SND	14	41122

Bid. 404

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SND	-147	0	1	SND	-204	0	σ_{zz} <daN/mq>	1	SND	-145	0	1	SND	1	0
τ_{xz} <daN/mq>	1	SND	-141	0	1	SND	-127	0	M_{xx} <daNm/m>	9	SND	-106	-4266	1	SND	35	7419
M_{zz} <daNm/m>	13	SND	-211	-4235	5	SND	36	5821	M_{xz} <daNm/m>	1	SND	-126	-2466	9	SND	1	2203
τ_{zy} <daN/mq>	9	SND	1	-47651	5	SND	-113	37416	τ_{xy} <daN/mq>	1	SND	1	-38427	5	SND	4	39311

Criteri di progetto utilizzati

Pilastri in c.a.

Generali	
Parametri di progetto	
Pilastro prefabbricato	No
Progettazione dell'armatura con sollecitazioni più gravose	Si
Disaccoppia sovraresistenza	No
Limita fattore di sovraresistenza al massimo valore di struttura	No
Tipo verifica di stabilità	
-Per $N^*\Omega$ -M e per N -c*M (standard)	Si
-Per $N^*\Omega$ -c*M (doppia)	No
-Per $N^*\Omega$ (sforzo normale e momento nullo)	No
-Per c*M (momento e sforzo normale nullo)	No
Max angolo di piegatura ferri <grad>	20.00
Progettazione armatura di ripresa	Si
Minimizzazione armatura di ripresa	No
Minimizzazione area di ferro totale nella sezione	No
Non progettare riprese ma estendi solo i ferri	Si
Verifiche in relazione	Minimizzate
Ancoraggi	
Lunghezza ancoraggi	
-Lunghezza minima come multiplo del diametro	40.00
Ancoraggi tutti uguali	Si
Piegatura ancoraggi per discontinuità	Si
Piegatura ancoraggi ferri di ripresa	Si
Armatura a taglio	
Staffatura a spirale pilastri circolari	Si
Cambiare le staffe nei nodi appartenenti all'impalcato 0 se sul nodo incidono elementi	Si
Considera solo la zona critica alla base della pilastrata (strutture pendolari)	No
Progetta a taglio con traliccio ad inclinazione variabile	Si
-Classe A	
-In zona critica limita ctg θ a	1.00
-In zona non critica limita ctg θ a	2.50

Relazione di calcolo

-Classe B	
-In zona critica limita ctg θ a	2.50
-In zona non critica limita ctg θ a	2.50
Estendi nel nodo staffe sottostanti anche se non richiesto dalla normativa	No
Parametri di disegno	
Scala disegno sezioni pilastri	25.00
Scala disegno viste pilastri	50.00
Creazione tabelle pilastri	Si
-Tipo di tabella	Armature disposte dal basso verso l'alto
-Max lunghezza tavole <cm>	70.00
-Max altezza tavole <cm>	50.00
Creazione viste pilastri	
-Disegno ferri dentro pilastro in vista	Si
-Disegno staffe dentro pilastro in vista	Si
-Modalità di individuazione ferri	
-Modalità di indicazione ferri	Mediante una tabella
-Minimizzazione riferimenti	Si
-Modalità di individuazione ferri	Per posizione
-Modalità di indicazione ferri	Mediante una tabella
-Minimizzazione riferimenti	Si

Specifici	1
Materiali	
-Considera come elemento esistente	No
-Calcestruzzo	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di calcestruzzo	C28/35
-Rck calcestruzzo	350.00
-Modulo elastico <daN/cm ² >	325881.00
-Resistenza caratteristica cilindrica (Fck)	290.50
-Resistenza caratteristica a trazione (Fctk)	19.84
-Resistenza media (Fcm) <daN/cm ² >	370.50
-Resistenza media a trazione (Fctm) <daN/cm ² >	28.35
- σ amm. calcestruzzo <daN/cm ² >	110.00
- τ_{c0} <daN/cm ² >	6.70
- τ_{c1} <daN/cm ² >	19.70
-Riduci Fcd per tutte le verifiche secondo il D.M. 18	Si
- γ_c per stati limite ultimi	
-Automatico	x
-Pari a	
-Acciaio	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di acciaio	B450C
-Modulo elastico <daN/cm ² >	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cm ² >	4500.00
-Tensione media di snervamento (Fym) <daN/cm ² >	4500.00
-Sigma amm. acciaio <daN/cm ² >	2600.00
-Sigma amm. reti e tralicci <daN/cm ² >	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00
- γ_s per stati limite ultimi	
-Automatico	x
-Pari a	
-Coeff. di omogeneizzazione	15.00
Parametri per analisi pushover	
Numero fibre	200.00
Fattore di confinamento nucleo interno	1.00
Fattore di incrudimento acciaio <%>	0.10
Parametri per verifiche di duttilità	
Considera formulazione per pareti	No
Considera rotazione massima di esercizio per determinare SLO e SLD	No
Modalità di calcolo luce di taglio Lv	
-Lv=L/2	x
-Lv=M/V	
-Lv=Punto di nullo del momento flettente	
Capacità di rotazione alla corda al collasso	
-Formula C8.7.2.1 con fattore di riduzione pari a	
-Formula C8.7.2.5	x
Sforzo normale di verifica per analisi pushover	
-Gravitazionale	
-Dal calcolo	x

Relazione di calcolo

Parametri di calcolo	
Strategia di progetto	RETTANG
Copriferro reale al bordo staffa <cm>	2.50
Diametro staffa teorica <mm>	9.00
Continuità dei ferri nei nodi appartenenti all'impalcato 0	Si
Coeff. β in direzione Z locale	1.00
Coeff. β in direzione Y locale	1.00
Armatura secondo Circ. 65 del 10/04/97	No
-Raffittimento staffe in testa e al piede del pilastro	No
-Passo <cm>	
Parametri di progetto secondo il D.M. 18	
Elemento dissipativo	Si
Trascura gerarchia	No
Verifica a taglio ciclico elementi esistenti	No
Limita verifica a pressoflessione ad elemento non dissipativo	No
Limita verifica a taglio ad elemento non dissipativo	No
Elemento secondario	No
-Considera effetto confinamento nella verifica di duttilità	No
-Verifica la duttilità dei pilastri rettangolari in modo esplicito	No
Incremento percentuale per piano debole	No
Non progettare e verificare i nodi fra trave e pilastro	Si
-Progetta e verifica secondo Circolare n.7 del 21/01/2019	No
Verifiche a pressoflessione deviata	Si
Per calcoli secondo il D.M. 18 usa espressione 4.1.19	No
Verifiche a taglio	
Verifiche a taglio per sezioni circolari	
-Usa formulazione sezioni generiche	
-Considera rettangolo inscritto con B/H pari a	1.00
Verifiche a taglio per sezioni generiche	
-Considera Vrdu minimo	
-Considera Vrdu calcolato in corrispondenza di bw minimo	
-Considera Vrdu in corrispondenza di bw medio	x
-Considera Vrdu in corrispondenza di bw massimo	
-Considera sempre Af Staffe non proiettata in direzione del taglio	Si
Armatura a pressoflessione	
Elenco diametri ferri longitudinali 1 <mm>	16
Elenco diametri ferri longitudinali 2 <mm>	20
Elenco diametri ferri longitudinali 3 <mm>	22
Elenco diametri ferri longitudinali 4 <mm>	
Elenco diametri ferri longitudinali 5 <mm>	
Elenco diametri ferri longitudinali 6 <mm>	
Elenco diametri ferri longitudinali 7 <mm>	
Max distanza fra i ferri su un lato <cm>	25.00
Min. interferro ammissibile <cm>	7.00
Distanza fra i ferri di spigolo <cm>	3.00
Min. numero ferri per pilastri circolari	8.00
Reggistaffe aggiuntivi sezioni non rettangolari	Si
Fattore di riduzione $\tau c0$ per ancoraggio ferri	1.00
Armatura a taglio	
Elenco diametri staffe 1 <mm>	6
Elenco diametri staffe 2 <mm>	8
Elenco diametri staffe 3 <mm>	
Elenco diametri staffe 4 <mm>	
Elenco diametri staffe 5 <mm>	
Elenco diametri staffe 6 <mm>	
Elenco diametri staffe 7 <mm>	
Mantieni diametro costante nell'interpiano	Si
Passi staffe	4.00
-Minimo <cm>	Si
-Massimo <cm>	30.00
-Incremento <cm>	2.00
Tipo di minimizzazione staffatura	
-Minimizza il numero delle staffe	
-Minimizza il peso delle staffe	x
Max distanza fra ferri non collegati nelle zone critiche <cm>	20.00
Max numero ferri non collegati nelle zone critiche	2.00
Max distanza fra ferri non collegati <cm>	20.00
Max numero ferri non collegati	2.00
Max distanza fra ferri nei nodi non collegati <cm>	7.00
Max numero ferri nei nodi non collegati	1.00
Collegamenti ferri	
Con spilli	
Con staffe rettangolari	
Con staffe poligonali	x
Ferri orizzontali pareti realizzati con staffe	No

Quote di alleggerimento armature pilastri prefabbricati	
Quota di alleggerimento n. 1 <m>	0.00
Quota di alleggerimento n. 2 <m>	0.00
Quota di alleggerimento n. 3 <m>	0.00
Quota di alleggerimento n. 4 <m>	0.00
Quota di alleggerimento n. 5 <m>	0.00
Quota di alleggerimento n. 6 <m>	0.00
Quota di alleggerimento n. 7 <m>	0.00
Dati per progettazione interattiva sezioni	
Distanza fra ferri su più strati <cm>	1.00
Integrare lo scorrimento lungo il tratto	Si
-Lunghezza del tratto <m>	1.00
Dati per progettazione agli stati limite	
Condizioni ambientali	
-Ordinarie	x
-Aggressive	
-Molto aggressive	
Usa dominio N-M per flessioni rette	No
-Ricerca della sicurezza con sforzo normale costante	
-Ricerca della sicurezza con eccentricità costante	
Controllo rapporto X/D	No
Classificazione barre tese/compresse	
-Solo le barre con deformazione percentuale rispetto alla barra più tesa/compressa non inferiore a <%>	30.00
-In funzione della deformazione	
Dati per verifiche di resistenza al fuoco	
-Tempo di verifica (REI) <minuti>	120.00
Dimensione MESH <cm>	2.00
-Passo di calcolo <secondi>	10.00
-Temperatura ambiente <C°>	20.00
-Coeff. di convezione a temperatura ambiente <W/mq K>	9.00
Calcestruzzo	
-Tipo di aggregati	SILICEI
-Massa volumica iniziale <kg/mc>	2300.00
-Umidità iniziale <%>	3.00
-Fattore di interpolazione conducibilità	0.50
Dati per verifiche FRP	
Rinforzo longitudinale	
Tipo di fibra/resina	
-Vetro/Epossidica	
-Arammidica/Epossidica	
-Carbonio/Epossidica	x
Resistenza caratteristica (f_{fk}) <daN/cm ² >	49000.00
Modulo elastico (E_c) <daN/cm ² >	2500000.00
Deformazione caratteristica a rottura per trazione (ϵ_{fk}) <%>	2.00
Spessore equivalente (t_f) <mm>	0.17
Sistemi di rinforzo	
-Preformati	
-Impregnati in situ	x
Rinforzo trasversale	
Tipo di fibra/resina	
-Vetro/Epossidica	
-Arammidica/Epossidica	
-Carbonio/Epossidica	x
Resistenza caratteristica (f_{fk}) <daN/cm ² >	49000.00
Modulo elastico (E_c) <daN/cm ² >	2500000.00
Deformazione caratteristica a rottura per trazione (ϵ_{fk}) <%>	2.00
Spessore equivalente (t_f) <mm>	0.17
Sistemi di rinforzo	
-Preformati	
-Impregnati in situ	x
Trascura resistenza a taglio dei rinforzi	No
Modalità di carico	
-Lungo termine	x
-Ciclico	
Coeff. parziale di sicurezza per SLU di distacco (γ_{fd})	1.50
Fattore di conversione ambientale (η_a)	0.95
Raggio di arrotondamento spigoli (r_c) <cm>	2.00
Coeff. condizione di carico (K_q)	1.25
Dati per verifiche incamiciature in acciaio non CAM	
Resistenza di progetto strisce di collegamento (F_{yd}) <daN/cm ² >	2350.00
Dati per verifiche incamiciature in c.a.	

Relazione di calcolo

-Tipo di calcestruzzo	C25/30
-Rck calcestruzzo <daN/cm²>	300.00
-Modulo elastico <daN/cm²>	314472.00
-Resistenza caratteristica cilindrica (Fck) <daN/cm²>	249.00
-Tipo di acciaio	B450C
-Modulo elastico <daN/cm²>	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cm²>	4500.00
-Considera resistenza a taglio della nuova sezione	Si
-Considera anche contributo della sezione esistente	Si

Travi in c.a.

Generali	
Parametri di progetto	
Passo di progettazione <m>	0.30
Tipo di sollecitazioni zone rigide	Costanti
Min. angolo per spinte a vuoto <grad>	10.00
Invertire i ferri anche in presenza di pilastro sottostante	Si
Max differenza larghezza travi continue <cm>	5.00
Armatura a taglio	
Progetta a taglio con traliccio ad inclinazione variabile	Si
-Classe A	
-In zona critica limita ctg θ a	1.00
-In zona non critica limita ctg θ a	2.50
-Classe B	
-In zona critica limita ctg θ a	2.50
-In zona non critica limita ctg θ a	2.50
Lunghezze e arrotondamenti	
Max lunghezza barre <m>	12.00
Arrotondamento lunghezza ferri <cm>	50.00
Lunghezza ferri nei muri d'estremità <m>	1.20
Min. interfero ammissibile <cm>	2.00
Elenco diametri minimizzazione interferri <mm>	14 16 18 20 24
Riduzione ancoraggi	
-Nella zona compressa per flessione	No
-Nei punti inferiori della travata	Si
Considerare nel calcolo degli ancoraggi i risvolti specificati nei criteri generali di disegno	No
Risvoltare i ferri per garantire l'ancoraggio agli estremi della trave	No
Reggistaffe	
Interruzione reggistaffe in campata	No
Modalità di sovrapposizione reggistaffe	Per garantire la copertura del momento negativo
Modalità di unificazione reggistaffe	Solo se la geometria della travata e la lunghezza totale delle barre lo consentono
Minimi di regolamento	
Min. percentuale di regolamento	
-Per le travi di fondazione	No
-Per le travi di elevazione	Si
Min. di armatura a taglio (T.A. o S.L. D.M.96)	
-Per le travi di fondazione	No
-Per le travi di elevazione	No
Tipo di armatura per taglio (T.A.)	Mista
Controllo passo e l2Fi	Si
Min. di regolamento a torsione nell'ala	No
Min. di regolamento nell'ala	No
Stampe	
Verifiche a flessione in relazione	Minimizzate
Verifiche a taglio in relazione	Max scorrimento per taglio e torsione
Parametri di disegno	
Scala disegno travi	50.00
Scala disegno sezioni	25.00
Campitura sezioni	Fitta
Disegno sezione travi in falso	Si
Disegna sezioni	Si
-Disegno ferri nelle sezioni	No
Campitura travi in falso	Fitta
Campitura muri	Rada
Tipo di quotatura luci nette trave	Con riferimento ai pilastri superiori
Lunghezza monconi di pilastro	Minimizzata
Linee di riferimento quote	Si

Relazione di calcolo

Quotatura zone di staffatura	No
Quotatura zone di staffatura	No
Indicazione numero bracci staffe	Solo se il numero è maggiore di due
Disegno ferri longitudinali	
Disegno ferri dentro la trave	Si
Disegno esploso ferri di parete	No
Distanza fra ferri esplosi <cm>	0.10
Disegno reggistaffe aggiuntivi per travi a T e L	Reggistaffe aggiuntivi tipo 3
Disegno staffe	
Posizione staffe esterne	In automatico
Disegno staffe dentro la sezione	Si

Specifici	1	3	4
Materiali			
-Considera come elemento esistente	No	No	No
-Calcestruzzo			
-Livello di conoscenza	LC2	LC2	LC2
-Fattore di confidenza	1.20	1.20	1.20
-Tipo di calcestruzzo	C28/35	C28/35	C28/35
-Rck calcestruzzo	350.00	350.00	350.00
-Modulo elastico <daN/cm ² >	325881.00	325881.00	325881.00
-Resistenza caratteristica cilindrica (Fck)	290.50	290.50	290.50
-Resistenza caratteristica a trazione (Fctk)	19.84	19.84	19.84
-Resistenza media (Fcm) <daN/cm ² >	370.50	370.50	370.50
-Resistenza media a trazione (Fctm) <daN/cm ² >	28.35	28.35	28.35
-σ amm. calcestruzzo <daN/cm ² >	110.00	110.00	110.00
-τc0 <daN/cm ² >	6.70	6.70	6.70
-τc1 <daN/cm ² >	19.70	19.70	19.70
-Riduci Fcd per tutte le verifiche secondo il D.M. 18	Si	Si	Si
-γc per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
-Acciaio			
-Livello di conoscenza	LC2	LC2	LC2
-Fattore di confidenza	1.20	1.20	1.20
-Tipo di acciaio	B450C	B450C	B450C
-Modulo elastico <daN/cm ² >	2060000.00	2060000.00	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cm ² >	4500.00	4500.00	4500.00
-Tensione media di snervamento (Fym) <daN/cm ² >	4500.00	4500.00	4500.00
-Sigma amm. acciaio <daN/cm ² >	2600.00	2600.00	2600.00
-Sigma amm. reti e tralicci <daN/cm ² >	2600.00	2600.00	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00	4.00	4.00
-γs per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
-Coeff. di omogeneizzazione	15.00	15.00	15.00
Parametri per analisi pushover			
Numero fibre	200.00	200.00	200.00
Fattore di confinamento nucleo interno	1.00	1.00	1.00
Fattore di incrudimento acciaio <%>	0.10	0.10	0.10
Parametri per verifiche di duttilità			
Considera rotazione massima di esercizio per determinare SLO e SLD	No	No	No
Modalità di calcolo luce di taglio Lv			
-Lv=L/2	x	x	x
-Lv=M/V			
-Lv=Punto di nullo del momento flettente			
Capacità di rotazione alla corda al collasso			
-Formula C8.7.2.1 con fattore di riduzione pari a			
-Formula C8.7.2.5	x	x	x
Sforzo normale di verifica per analisi pushover			
-Gravitazionale			
-Dal calcolo	x	x	x
Parametri di calcolo			
Progetto a pressoflessione	Si	Si	Si
-Per tutte le travi			
-Solo per travi inclinate	x	x	x
-Min. angolo per pressoflessione <grad>	10.00	10.00	10.00
-Compressione massima senza progetto a pressoflessione <%>	10.00	10.00	10.00
Progetto a torsione	No	No	No
-Trazione senza progetto a torsione<%>			
Armatura secondo Circ. 65 del 10/04/97	No	No	No
Parametri di progetto secondo il D.M. 18			

Relazione di calcolo

Elemento dissipativo	No	Si	Si
Trascura gerarchia	No	No	No
Verifica a taglio ciclico elementi esistenti	No	No	No
Limita verifica a taglio ad elemento non dissipativo	No	Si	Si
Elemento secondario	No	No	No
Sollecitazioni dissipative amplificate per elementi di fondazione	Si	Si	Si
Escludi dal calcolo sovreresistenza per pilastri incidenti	No	No	No
Sollecitazioni complanari ad eventuali elementi bidimensionali	No	No	No
Copriferro teorico superiore <cm>	4.10	4.10	4.10
Copriferro teorico inferiore <cm>	4.10	4.10	4.10
Min. momento fittizio agli appoggi	No	No	No
-Denominatore			
Min. momento fittizio in campata	No	No	No
-Denominatore			
Incremento percentuale momento in campata <%>	10.00	10.00	10.00
Usa taglio max per traslazione momento (S.L.)	Si	Si	Si
Limitare momento traslato al valore max di appoggio (S.L.)	No	No	No
Limitare momento traslato al valore max di campata (S.L.)	No	No	No
Taglio da momento resistente in fondazione (S.L.)	No	No	No
Tipo di progetto in doppia armatura (T.A.)			
-Tensioni pari ai valori amm.			
-Tensioni pari ai valori amm. con AfComp/AfTesa minore o pari a	1.00	1.00	1.00
-Con AfComp/AfTesa pari a			
Parametri di progettazione armatura			
Utilizzo			
-Trave	x	x	x
-Cordolo			
-Soletta rampante			
Max differenza fra diametri per unificazioni	2.00	2.00	2.00
Max distanza fra barre per unificazioni <m>	1.00	1.00	1.00
Denominatore per individuazione zona di campata	32.00	32.00	32.00
Fattore di copertura appoggi (0÷1)	0.00	0.00	0.00
Fattore di riduzione per ancoraggio ferri	1.00	1.00	1.00
Minimizzazione momenti resistenti di appoggio (stati limite D.M. 18)	Si	Si	Si
-Tolleranza di copertura da sovrapposizione <%>	10.00	0.00	0.00
Tipo di distribuzione armatura eccedente in fase di verifica			
-Ripartita proporzionalmente per flessione, torsione e taglio	x	x	x
-Tutta agente per flessione			
-Tutta agente per taglio			
Armatura a flessione			
Elenco diametri ferri longitudinali 1 <mm>	16	14	14
Elenco diametri ferri longitudinali 2 <mm>	20	16	16
Elenco diametri ferri longitudinali 3 <mm>		18	18
Elenco diametri ferri longitudinali 4 <mm>		20	20
Elenco diametri ferri longitudinali 5 <mm>		24	24
Elenco diametri ferri longitudinali 6 <mm>			
Elenco diametri ferri longitudinali 7 <mm>			
Max differenza fra diametri nella trave	8.00	8.00	10.00
Max differenza fra diametri ferri accoppiati	4.00	4.00	10.00
Reggistaffe superiori			
-Numero			
-Automatico		x	x
-Pari a	2.00		
-Max mutua distanza <cm>			
-Diametro			
-Automatico	x	x	x
-Pari a <mm>			
-Minimo <mm>			
Reggistaffe inferiori			
-Numero			
-Automatico		x	x
-Pari a	2.00		
-Max mutua distanza <cm>			
-Diametro			
-Automatico	x	x	x
-Pari a <mm>			
-Minimo <mm>			
Armatura a taglio			
Scorrimento (T.A.)			
-Percentuale assorbita dalle staffe <%>	100.00	100.00	100.00
-Percentuale assorbita dai ferri piegati <%>	0.00	0.00	0.00
-Percentuale assorbita dai ferri di parete <%>	0	0	0
-Considerare il valore relativo alle staffe come minimo percentuale da adottare	No	No	No
Variabilità staffe			
-Staffe uguali a passo costante			
-Staffe diverse in tre parti della trave in funzione delle zone critiche	x	x	x

Relazione di calcolo

-Staffe diverse in tre parti della trave in			
funzione di un multiplo dell'altezza pari a			
Variabilità staffe ala			
-Passi uguali a passi anima	x	x	x
-Passi multipli di passi anima			
-Passi indipendenti da passi anima			
Min. lunghezza tratto centrale come multiplo dell'altezza della trave	1.10	1.10	1.10
Elenco diametri staffe 1 <mm>	8	6	6
Elenco diametri staffe 2 <mm>		8	8
Elenco diametri staffe 3 <mm>			
Elenco diametri staffe 4 <mm>			
Elenco diametri staffe 5 <mm>			
Elenco diametri staffe 6 <mm>			
Elenco diametri staffe 7 <mm>			
Elenco numero bracci staffe 1	2	2	2
Elenco numero bracci staffe 2	4	4	4
Elenco numero bracci staffe 3			
Elenco numero bracci staffe 4			
Elenco numero bracci staffe 5			
Passi staffe			
-Minimo <cm>	4.00	4.00	4.00
-Massimo <cm>	32.00	32.00	32.00
-Incremento <cm>	4.00	4.00	4.00
Elementi costanti			
-Diametro	Si	Si	Si
-Passo	No	No	No
-Bracci	Si	Si	Si
Tipo di minimizzazione staffatura			
-Minimizza il numero delle staffe	x	x	x
-Minimizza il peso delle staffe			
Raffittimento staffe all'estremità della trave	No	No	No
-Passo non superiore a			
Lunghezza max del tratto di calcolo scorrimento			
-Pari al tratto in cui $\tau > \tau_{c0}$	x	x	x
-Pari a <cm>			
-Come multiplo dell'altezza pari a			
Armatura a taglio e torsione			
Elenco diametri ferri piegati 1 <mm>	12	12	12
Elenco diametri ferri piegati 2 <mm>	14	14	14
Elenco diametri ferri piegati 3 <mm>	16	16	16
Elenco diametri ferri piegati 4 <mm>	18	18	18
Elenco diametri ferri piegati 5 <mm>	20	20	20
Elenco diametri ferri piegati 6 <mm>			
Elenco diametri ferri piegati 7 <mm>			
Angolo di piegatura <grad>	45.00	45.00	45.00
Posizione primo punto di piegatura			
-Pari al multiplo dell'altezza			
-Distanza <cm>	5.00	5.00	5.00
Interasse punti di piegatura			
-Pari al multiplo dell'altezza			
-Distanza <cm>	25.00	25.00	25.00
Tipo di ferri piegati			
-Solo sagomati			
-Solo cavallotti			
-Sia sagomati che cavallotti	x	x	x
Ferri di parete	Si	Si	Si
-Max distanza fra le barre <cm>	30.00	30.00	30.00
Elenco diametri ferri di parete 1 <mm>	12	12	12
Elenco diametri ferri di parete 2 <mm>	14	14	14
Elenco diametri ferri di parete 3 <mm>	16	16	16
Elenco diametri ferri di parete 4 <mm>	18	18	18
Elenco diametri ferri di parete 5 <mm>	20	20	20
Elenco diametri ferri di parete 6 <mm>			
Elenco diametri ferri di parete 7 <mm>			
Elenco diametri staffe orizzontali 1 <mm>	6	6	6
Elenco diametri staffe orizzontali 2 <mm>	8	8	8
Elenco diametri staffe orizzontali 3 <mm>			
Elenco diametri staffe orizzontali 4 <mm>			
Elenco diametri staffe orizzontali 5 <mm>			
Elenco diametri staffe orizzontali 6 <mm>			
Elenco diametri staffe orizzontali 7 <mm>			
Parametri di disegno			
Copriferro per calcolo lunghezza ferri <cm>	6.00	6.00	6.00
Risvolto ferri superiori	Si	Si	Si
-Pari a <cm>	25.00	25.00	25.00
-Pari all'altezza della trave			
-Pari alla minima altezza delle travi incidenti			

Relazione di calcolo

Risvolto ferri inferiori	Si	Si	Si
-Pari a <cm>	25.00	25.00	25.00
-Pari all'altezza della trave			
-Pari alla minima altezza delle travi incidenti			
Risvolto ferri laterali	Si	Si	Si
-Pari a <cm>	25.00	25.00	25.00
-Pari alla larghezza della trave			
Magrone	Si	Si	Si
-Allargamento laterale <cm>	0.00	0.00	0.00
-Altezza <cm>	20.00	20.00	20.00
Dati per progettazione interattiva sezioni			
Copriferro reale al bordo staffa <cm>	2.50	2.50	2.50
Diametro staffa teorica <mm>	8.00	8.00	8.00
Distanza fra ferri su più strati <cm>	1.00	1.00	1.00
Verifiche a pressoflessione	Si	Si	Si
Verifica con barre in posizione teorica	No	No	No
Verifiche a flessione/pressoflessione retta	Si	Si	Si
-Considera My	x	x	x
-Considera Mz			
-Considera My e Mz			
Tipo di progetto in doppia armatura (T.A.)			
-Considera Vrdu minimo			
-Considera Vrdu calcolato in corrispondenza di bw minimo			
-Considera Vrdu in corrispondenza di bw medio	x	x	x
-Considera Vrdu in corrispondenza di bw massimo			
-Considera sempre Af Staffe non proiettata in direzione del taglio	Si	Si	Si
Integrare lo scorrimento lungo il tratto	Si	Si	Si
-Lunghezza del tratto <m>	1.00	1.00	1.00
Dati per progettazione agli stati limite			
Condizioni ambientali			
-Ordinarie	x	x	x
-Aggressive			
-Molto aggressive			
Usa dominio N-M per flessioni rette	Si	Si	Si
-Ricerca della sicurezza con sforzo normale costante			
-Ricerca della sicurezza con eccentricità costante	x	x	x
Controllo rapporto X/D	Si	Si	Si
Classificazione barre tese/comprese			
-Solo le barre con deformazione percentuale rispetto alla barra più tesa/compressa non inferiore a <%>	30.00	30.00	30.00
-In funzione della deformazione			
Dati per verifiche di resistenza al fuoco			
-Tempo di verifica (REI) <minuti>	120.00	120.00	120.00
Dimensione MESH <cm>	2.00	2.00	2.00
-Passo di calcolo <secondi>	10.00	10.00	10.00
-Temperatura ambiente <C°>	20.00	20.00	20.00
-Coeff. di convezione a temperatura ambiente <W/mq K>	9.00	9.00	9.00
Calcestruzzo			
-Tipo di aggregati	SILICEI	SILICEI	SILICEI
-Massa volumica iniziale <kg/mc>	2300.00	2300.00	2300.00
-Umidità iniziale <%>	3.00	3.00	3.00
-Fattore di interpolazione conducibilità	0.50	0.50	0.50
Dati per verifiche FRP			
Rinforzo longitudinale			
Tipo di fibra/resina			
-Vetro/Epossidica			
-Arammidica/Epossidica			
-Carbonio/Epossidica	x	x	x
Resistenza caratteristica (f_{fk}) <daN/cm ² >	49000.00	49000.00	49000.00
Modulo elastico (E_c) <daN/cm ² >	2500000.00	2500000.00	2500000.00
Deformazione caratteristica a rottura per trazione (ϵ_{fk}) <%>	2.00	2.00	2.00
Spessore equivalente (t_f) <mm>	0.17	0.17	0.17
Sistemi di rinforzo			
-Preformati			
-Impregnati in situ	x	x	x
Rinforzo trasversale			
Tipo di fibra/resina			
-Vetro/Epossidica			
-Arammidica/Epossidica			
-Carbonio/Epossidica	x	x	x
Resistenza caratteristica (f_{fk}) <daN/cm ² >	49000.00	49000.00	49000.00
Modulo elastico (E_c) <daN/cm ² >	2500000.00	2500000.00	2500000.00
Deformazione caratteristica a rottura per trazione (ϵ_{fk}) <%>	2.00	2.00	2.00
Spessore equivalente (t_f) <mm>	0.17	0.17	0.17
Sistemi di rinforzo			

Relazione di calcolo

-Preformati			
-Impregnati in situ	x	x	x
Modalità di carico			
-Lungo termine	x	x	x
-Ciclico			
Coeff. parziale SLU di distacco (γ_{fd})	1.50	1.50	1.50
Fattore di conversione ambientale (η_a)	0.95	0.95	0.95
Raggio di arrotondamento spigoli (r_c) <cm>	2.00	2.00	2.00
Coeff. condizione di carico (K_q)	1.25	1.25	1.25

Solette/Platee

Generali	
Parametri di progetto	
Progetto e verifica con metodo d'integrazione	No
-Massima dimensione della linea d'integrazione	1.00
Calcolo armature con metodo di Wood	No
Accoppia pilastri per calcolo punzonamento	Si
-Massima distanza come un moltiplicatore dello spessore	1.50
Armatura a taglio	
Controllo resistenza a taglio allo S.L.U. DM 96	No
Verifica con taglio totale	No
Progetta a taglio con traliccio ad inclinazione variabile	Si
-In Classe A limita ctg θ a	2.50
-In Classe B limita ctg θ a	2.50
Parametri di disegno	
Disposizione disegno	2A
Particolari nel disegno principale	
-Eliminare le quotature	No
-Eliminare le campiture	No
-Eliminare la numerazione dei pilastri	No
-Eliminare la numerazione delle travi e dei muri	No
Particolari nei disegni secondari	
-Eliminare le quotature	Si
-Eliminare le campiture	Si
-Eliminare la numerazione dei pilastri	Si
-Eliminare la numerazione delle travi e dei muri	Si
Disegno armatura diffusa	No
Posizione particolari punzonamento	In automatico
Copriferro per calcolo lunghezza ferri <cm>	3.50
Risvoltare al bordo i ferri	
-Inferiori	Si
-Superiori	Si
Lunghezza risvolti ferri al bordo	Pari all'altezza meno due volte il copriferro
Disegno particolare ferri al bordo	Si
Scala disegno particolare ferri al bordo	20.00
Calcolo lunghezza ferri semplificato	No
Stampe	
Tipo di relazione	Sintetica

Specifici	1
Materiali	
-Considera come elemento esistente	No
-Calcestruzzo	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di calcestruzzo	C28/35
-Rck calcestruzzo	350.00
-Modulo elastico <daN/cm ² >	325881.00
-Resistenza caratteristica cilindrica (F_{ck})	290.50
-Resistenza caratteristica a trazione (F_{ctk})	19.84
-Resistenza media (F_{cm}) <daN/cm ² >	370.50
-Resistenza media a trazione (F_{ctm}) <daN/cm ² >	28.35
- σ amm. calcestruzzo <daN/cm ² >	110.00
- τ_{c0} <daN/cm ² >	6.70
- τ_{c1} <daN/cm ² >	19.70
-Riduci F_{cd} per tutte le verifiche secondo il D.M. 18	Si
- γ_c per stati limite ultimi	
-Automatico	x
-Pari a	
-Acciaio	
-Livello di conoscenza	LC2

Relazione di calcolo

-Fattore di confidenza	1.20
-Tipo di acciaio	B450C
-Modulo elastico <daN/cm²>	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cm²>	4500.00
-Tensione media di snervamento (Fym) <daN/cm²>	4500.00
-Sigma amm. acciaio <daN/cm²>	2600.00
-Sigma amm. reti e tralicci <daN/cm²>	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00
-γs per stati limite ultimi	
-Automatico	x
-Pari a	
-Coeff. di omogeneizzazione	15.00
Parametri di calcolo	
Parametri di progetto secondo il D.M. 18	
-Elemento dissipativo	No
-Sollecitazioni dissipative amplificate per elementi di fondazione	Si
Angolo d'armatura <grad>	0.00
Copriferro teorico superiore <cm>	3.00
Copriferro teorico inferiore <cm>	3.00
Tipo di progetto in doppia armatura	
-Tensione pari ai valori amm.	
-Tensione pari ai valori amm. con AfComp/AfTesa minore o pari a	1.00
-Tensione pari ai valori amm. con AfComp/AfTesa pari a	
Min. percentuale di regolamento	
-Platee di fondazione su suolo elastico	No
-Solette di elevazione	Si
Controlla min. armatura di ripartizione	No
Armatura a flessione	
Elenco diametri utilizzabili 1 <mm>	10
Elenco diametri utilizzabili 2 <mm>	12
Elenco diametri utilizzabili 3 <mm>	14
Elenco diametri utilizzabili 4 <mm>	16
Elenco diametri utilizzabili 5 <mm>	
Elenco diametri utilizzabili 6 <mm>	
Elenco diametri utilizzabili 7 <mm>	
Passi utilizzabili	
-Minimo <cm>	15.00
-Massimo <cm>	30.00
-Incremento <cm>	5.00
Uniformizzazione interassi armatura	No
-Sempre	
-Nella stessa direzione	
-Nella stessa posizione	
Uniformizzazione diametri armatura	No
-Sempre	
-Nella stessa direzione	
-Nella stessa posizione	
Tipo di ottimizzazione armatura a flessione	
-Minimizza il numero dei ferri	
-Minimizza il peso complessivo dei ferri	x
Verifiche a taglio	
-Escludi punti di verifica sotto piramidi di punzonamento	Si
-Escludi punti di verifica sotto muri/bidimensionali	Si
Ancoraggi	
Fattore di riduzione per ancoraggio ferri	1.00
Lunghezza ancoraggi armature	
-Calcolata in funzione della Sigmaf	x
-Imposta come multiplo del diametro	
Lunghezza ancoraggi ferri punzonamento	
-Calcolata in funzione della Sigmaf	x
-Imposta come multiplo del diametro	
Armatura a punzonamento	
Fattore di riduzione altezza soletta/platea	0.90
Modifica altezza soletta/platea	Si
Allargamento piastra pilastri in acciaio <cm>	5.00
Distanza dal bordo libero (D.M. 92/96)	
-Distanza come un moltiplicatore dello spessore	1.00
-Distanza imposta a <cm>	
Tipo di armatura a punzonamento	
-Solo un ferro piegato	
-Serie di barre verticali disposte radialmente	x
-Controlla prescrizioni EC2	No
Moltiplicatore altezza utile per valutare perimetro efficace (D.M. 18)	2.00
Tolleranza di posizionamento barre	

Relazione di calcolo

-Distanza come un moltiplicatore dello spessore	0.10
-Distanza imposta a <cm>	
Elenco diametri utilizzabili 1 <mm>	12
Elenco diametri utilizzabili 2 <mm>	14
Elenco diametri utilizzabili 3 <mm>	16
Elenco diametri utilizzabili 4 <mm>	18
Elenco diametri utilizzabili 5 <mm>	20
Elenco diametri utilizzabili 6 <mm>	
Elenco diametri utilizzabili 7 <mm>	
Passi utilizzabili	
-Minimo <cm>	10.00
-Massimo <cm>	20.00
-Incremento <cm>	2.00
Tipo di ottimizzazione armatura a punzonamento	
-Minimizza il numero dei ferri	x
-Minimizza il peso complessivo dei ferri	
Dati per progettazione agli stati limite	
Condizioni ambientali	
-Ordinarie	x
-Aggressive	
-Molto aggressive	
Controllo rapporto X/D	No
Classificazione barre tese/comprese	
-Solo le barre con deformazione percentuale rispetto alla barra più tesa/compressa non inferiore a <%>	30.00
-In funzione della deformazione	

Verifiche e armature travi

Simbologia

Δ_{sm}	=Distanza media tra le fessure
Φ_{eq}	=Diametro equivalente delle barre
ϵ_{sm}	=Deformazione unitaria media dell'armatura (*1000)
σ_c	=Tensione nel calcestruzzo
σ_f inf	=Tensione nel ferro - inferiore
σ_f sup	=Tensione nel ferro - superiore
σ_s	=Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$	=Area di calcestruzzo efficace
A_s	=Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I	=Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S	=Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St.	=Area di ferro effettiva della staffatura (d'anima per travi a T o L)
AfE St. ala	=Area di ferro effettiva della staffatura d'ala
AfEP I	=Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, inferiore
AfEP S	=Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, superiore
AfT St. ala	=Area di ferro teorica della staffatura d'ala
B	=Base
CC	=Combinazione delle condizioni di carico elementari
	c = momento fittizio in campata
	a = momento fittizio agli appoggi
	T = momento traslato per taglio
	e = eccentricità aggiuntiva in caso di compressione o pressoflessione
	TG = taglio da gerarchia delle resistenze
	TGND = taglio non dissipativo limitante la gerarchia
	TG (Li) = taglio da gerarchia delle resistenze, limite inferiore
	TG (Ls) = taglio da gerarchia delle resistenze, limite superiore
Caso	=Caso di verifica
Cf inf	=Copriferro inferiore
Cf sup	=Copriferro superiore
Cls	=Tipo di calcestruzzo
El	=Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Fcd	=Resistenza di calcolo a compressione del calcestruzzo
Fck	=Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd	=Resistenza di calcolo a trazione del calcestruzzo
Fctk	=Resistenza caratteristica a trazione del calcestruzzo
Fyd	=Resistenza di calcolo dell'acciaio
Fyk	=Tensione caratteristica di snervamento dell'acciaio
H	=Altezza
In	=Codice identificativo della travata facente parte dell'involuppo
K_2	=Coefficiente per distribuzione deformazioni
Lung.	=Lunghezza del tratto di progettazione
M'ydy	=Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy	=Momento resistente allo stato limite ultimo intorno all'asse Y
My	=Momento flettente intorno all'asse Y
Sez.	=Numero della sezione
Sic.	=Sicurezza
Staff.	=Staffatura adottata
TCC	=Tipo di combinazione di carico
	SLU = Stato limite ultimo
	SLE R = Stato limite d'esercizio, combinazione rara
	SLE F = Stato limite d'esercizio, combinazione frequente
	SLE Q = Stato limite d'esercizio, combinazione quasi permanente
	SLD = Stato limite di danno
	SND = Stato limite di salvaguardia della vita (non dissipativo)
Tipo	=Tipologia
	R = Rettangolare
	T = Sezione a T
Tp	=Tipo di acciaio
VRcd	=Taglio ultimo lato calcestruzzo
VRsd	=Taglio ultimo lato armatura
Vrdu	=Taglio ultimo resistente
Vsdu	=Taglio agente nella direzione del momento ultimo

Relazione di calcolo

Wk	=	Ampiezza caratteristica delle fessure
X	=	Coordinata progressiva rispetto al nodo iniziale
X0	=	Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
X1	=	Coordinata progressiva (dal nodo iniziale) della fine del tratto
Xg	=	Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
b	=	Base inferiore
bw	=	Larghezza membratura resistente al taglio
c	=	Ricoprimento dell'armatura
ctgθ	=	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
h	=	Altezza parte inf.
s	=	Distanza massima tra le barre

Travata n. 602

Nodi: 56 102 -322 -323 -324 -325 -326 -327 -328 103 -451 -452 -453 -454 -455 -456 -457 106 -467 -468 -469 -470 -471 -472 -473 107 61

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		50.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	Afe S <cm²>	Afe I <cm²>	Afep S <cm²>	Afep I <cm²>	My <daNm>	MRdy <daNm>	Sic.
0.41	17	SLU	1	0.00	6.03	3.39	6.03	3.39	-116.04	-3423.11	29.500
0.66	17	SLU	2	31.62	6.03	3.39	6.03	3.39	-975.17	-3423.11	3.510
4.69	17	SLU	9	25.00	6.03	3.39	6.03	3.39	-2180.59	-3423.11	1.570
4.94	17	SLU	10	64.38	6.03	3.39	6.03	3.39	-2036.39	-3423.11	1.681
7.14	17	SLU	13	37.43	6.03	3.39	6.03	3.39	1046.83	2172.42	2.075
9.96	17	SLU	17	12.50	12.06	6.79	12.06	6.79	-2558.35	-6237.23	2.438
10.21	17	SLU	18	55.00	12.06	6.79	12.06	6.79	-2760.22	-6237.23	2.260
13.08	17	SLU	22	38.26	6.03	3.39	6.03	3.39	1516.57	2172.42	1.432
15.24	17	SLU	25	25.00	6.03	3.39	6.03	3.39	-1345.53	-3423.11	2.544
15.49	17	SLU	26	42.00	6.03	3.39	6.03	3.39	-156.57	-3423.11	21.863

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	Afe S <cm²>	Afe I <cm²>	Afep S <cm²>	Afep I <cm²>	My <daNm>	M'ydy <daNm>	Sic.
0.41	9	SND	1	0.00	6.03	3.39	6.03	3.39	-228.11	-3223.62	14.132
0.66	1	SND	2	31.62	6.03	3.39	6.03	3.39	-2273.08	-3223.62	1.418
4.69	9	SND	9	25.00	6.03	3.39	6.03	3.39	-2972.27	-3223.62	1.085
4.94	1	SND	10	64.38	6.03	3.39	6.03	3.39	-2178.37	-3223.62	1.480
7.14	9	SND	13	37.43	6.03	3.39	6.03	3.39	768.45	1878.84	2.445
9.96	9	SND	17	12.50	12.06	6.79	12.06	6.79	-2451.67	-6078.46	2.479
10.21	1	SND	18	55.00	12.06	6.79	12.06	6.79	-2597.22	-6078.46	2.340
13.08	1	SND	22	38.26	6.03	3.39	6.03	3.39	1067.77	1878.84	1.760
15.24	9	SND	25	25.00	6.03	3.39	6.03	3.39	-2121.24	-3223.62	1.520
15.49	1	SND	26	42.00	6.03	3.39	6.03	3.39	-262.46	-3223.62	12.282

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AFe S <cmq>	AFe I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.41	18	SLE R	1	0.00	6.03	3.39	-86.02	103.52	-17.04	3.93
0.41	20	SLE Q	1	0.00	6.03	3.39	-69.12	83.19	-13.70	3.16
0.66	18	SLE R	2	31.62	6.03	3.39	-721.84	868.72	-143.03	32.97
0.66	20	SLE Q	2	31.62	6.03	3.39	-552.91	665.41	-109.56	25.26
4.69	18	SLE R	9	25.00	6.03	3.39	-1592.16	1916.12	-315.49	72.73
4.69	20	SLE Q	9	25.00	6.03	3.39	-1228.44	1478.40	-243.42	56.11
4.94	18	SLE R	10	64.38	6.03	3.39	-1508.52	1815.47	-298.92	68.90
4.94	20	SLE Q	10	64.38	6.03	3.39	-1178.27	1418.02	-233.48	53.82
7.14	18	SLE R	13	37.43	6.03	3.39	767.11	-70.98	1596.33	43.35
7.14	20	SLE Q	13	37.43	6.03	3.39	590.53	-54.64	1228.89	33.37
9.96	18	SLE R	17	12.50	12.06	6.79	-1858.49	1168.56	-405.88	63.53
9.96	20	SLE Q	17	12.50	12.06	6.79	-1418.96	892.20	-309.89	48.50
10.21	18	SLE R	18	55.00	12.06	6.79	-2013.02	1265.72	-439.62	68.81
10.21	20	SLE Q	18	55.00	12.06	6.79	-1551.98	975.84	-338.94	53.05
13.08	18	SLE R	22	38.26	6.03	3.39	1112.53	-102.94	2315.15	62.87
13.08	20	SLE Q	22	38.26	6.03	3.39	860.35	-79.60	1790.38	48.62
15.24	18	SLE R	25	25.00	6.03	3.39	-999.13	1202.43	-197.98	45.64
15.24	20	SLE Q	25	25.00	6.03	3.39	-777.65	935.88	-154.09	35.52
15.49	18	SLE R	26	42.00	6.03	3.39	-115.12	138.54	-22.81	5.26
15.49	20	SLE Q	26	42.00	6.03	3.39	-93.01	111.93	-18.43	4.25

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c, eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>	
19	0.41	20	SLE	Q	1	2	0.00	-69.12	33.00	209.00	0.50	16.00	128.92	6.03	237.20	83.19	0.02	0.01
20	0.41	19	SLE	F	1	2	0.00	-71.21	33.00	209.00	0.50	16.00	128.92	6.03	237.20	85.70	0.02	0.01
39	0.66	20	SLE	Q	2	2	31.62	-552.91	33.00	209.00	0.50	16.00	128.92	6.03	237.20	665.41	0.19	0.04
40	0.66	19	SLE	F	2	2	31.62	-570.54	33.00	209.00	0.50	16.00	128.92	6.03	237.20	686.64	0.20	0.04

59	4.69	20	SLE Q	9	2	25.00	-1228.44	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1478.40	0.47	0.10
60	4.69	19	SLE F	9	2	25.00	-1276.25	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1535.94	0.45	0.10
79	4.94	20	SLE Q	10	2	64.38	-1178.27	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1418.02	0.44	0.10
80	4.94	19	SLE F	10	2	64.38	-1214.62	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1461.77	0.43	0.09
99	7.14	20	SLE Q	13	2	37.43	590.53	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1228.89	0.36	0.10
100	7.14	19	SLE F	13	2	37.43	612.38	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1274.35	0.37	0.10
119	9.96	20	SLE Q	17	2	12.50	-1418.96	33.00	83.60	0.50	16.00	94.42	12.06	214.30	892.20	0.30	0.05
120	9.96	19	SLE F	17	2	12.50	-1478.78	33.00	83.60	0.50	16.00	94.42	12.06	214.30	929.81	0.27	0.04
139	10.21	20	SLE Q	18	2	55.00	-1551.98	33.00	83.60	0.50	16.00	94.42	12.06	214.30	975.84	0.34	0.05
140	10.21	19	SLE F	18	2	55.00	-1612.83	33.00	83.60	0.50	16.00	94.42	12.06	214.30	1014.09	0.30	0.05
159	13.08	20	SLE Q	22	2	38.26	860.35	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1790.38	0.52	0.14
160	13.08	19	SLE F	22	2	38.26	891.63	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1855.48	0.54	0.15
181	15.24	20	SLE Q	25	2	25.00	-777.65	33.00	209.00	0.50	16.00	128.92	6.03	237.20	935.88	0.27	0.06
182	15.24	19	SLE F	25	2	25.00	-800.62	33.00	209.00	0.50	16.00	128.92	6.03	237.20	963.53	0.28	0.06
202	15.49	20	SLE Q	26	2	42.00	-93.01	33.00	209.00	0.50	16.00	128.92	6.03	237.20	111.93	0.03	0.01
203	15.49	19	SLE F	26	2	42.00	-95.87	33.00	209.00	0.50	16.00	128.92	6.03	237.20	115.38	0.03	0.01

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
9 SND	0.06	0.41	0.35	ø8/10 2 br.	10.05	0.50	419.18	2.50	14073.20	20307.50	14073.20	33.573
1 SND	0.66	0.86	0.20	ø8/10 2 br.	10.05	0.50	4673.64	2.50	14073.20	20307.50	14073.20	3.011
9 SND	0.86	4.49	3.63	ø8/10 2 br.	10.05	0.50	6417.06	2.50	14073.20	20307.50	14073.20	2.193
9 SND	4.49	4.69	0.20	ø8/10 2 br.	10.05	0.50	6613.33	2.50	14073.20	20307.50	14073.20	2.128
17 SLU	4.94	5.14	0.20	ø8/10 2 br.	10.05	0.50	2063.59	2.50	14073.20	20307.50	14073.20	6.820
17 SLU	5.14	9.77	4.62	ø8/10 2 br.	10.05	0.50	3442.39	2.50	14073.20	20307.50	14073.20	4.088
17 SLU	9.77	9.96	0.20	ø8/10 2 br.	10.05	0.50	3794.87	2.50	14073.20	20307.50	14073.20	3.708
17 SLU	10.21	10.41	0.20	ø8/10 2 br.	10.05	0.50	3974.14	2.50	14073.20	20307.50	14073.20	3.541
9 SND	10.41	15.04	4.62	ø8/10 2 br.	10.05	0.50	4071.70	2.50	14073.20	20307.50	14073.20	3.456
9 SND	15.04	15.24	0.20	ø8/10 2 br.	10.05	0.50	4267.98	2.50	14073.20	20307.50	14073.20	3.297
1 SND	15.49	15.85	0.36	ø8/10 2 br.	10.05	0.50	473.93	2.50	14073.20	20307.50	14073.20	29.695

Travata n. 603

Nodi: 54 101 -344 -345 -346 -347 -348 -349 -350 102 47

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3R		30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	-0.00	4.52	4.52	4.52	4.52	-10.30	-2483.88	>100
0.67	17	SLU	2	34.40	4.52	4.52	4.52	4.52	-130.40	-2483.88	19.048
4.92	17	SLU	9	25.02	4.52	4.52	4.52	4.52	-514.52	-2483.88	4.828
5.42	17	SLU	10	27.98	4.52	4.52	4.52	4.52	-112.46	-2483.88	22.087

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	1	SND	1	-0.00	4.52	4.52	4.52	4.52	292.25	2364.42	8.090
0.67	5	SND	2	34.40	4.52	4.52	4.52	4.52	-1407.78	-2364.42	1.680
4.92	13	SND	9	25.02	4.52	4.52	4.52	4.52	-1846.33	-2364.42	1.281
5.42	5	SND	10	27.98	4.52	4.52	4.52	4.52	-488.18	-2364.42	4.843

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.42	18	SLE R	1	-0.00	4.52	4.52	-7.39	12.11	-2.34	0.49
0.42	20	SLE Q	1	-0.00	4.52	4.52	-9.42	15.43	-2.98	0.62
0.67	18	SLE R	2	34.40	4.52	4.52	-98.71	161.71	-31.21	6.55
0.67	20	SLE Q	2	34.40	4.52	4.52	-94.68	155.11	-29.94	6.28
4.92	18	SLE R	9	25.02	4.52	4.52	-385.33	631.30	-121.85	25.57
4.92	20	SLE Q	9	25.02	4.52	4.52	-336.33	551.02	-106.36	22.32
5.42	18	SLE R	10	27.98	4.52	4.52	-83.33	136.53	-26.35	5.53
5.42	20	SLE Q	10	27.98	4.52	4.52	-68.36	112.00	-21.62	4.54

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
19	0.42	20	SLE Q	1	3	-0.00	-9.42	35.00	75.33	0.50	12.00	107.11	4.52	139.91	15.43	0.00	0.00
20	0.42	19	SLE F	1	3	-0.00	-9.57	35.00	75.33	0.50	12.00	107.11	4.52	139.91	15.67	0.00	0.00
39	0.67	20	SLE Q	2	3	34.40	-94.68	35.00	75.33	0.50	12.00	107.11	4.52	139.91	155.11	0.05	0.01
40	0.67	19	SLE F	2	3	34.40	-95.36	35.00	75.33	0.50	12.00	107.11	4.52	139.91	156.22	0.05	0.01
60	4.92	20	SLE Q	9	3	25.02	-336.33	35.00	75.33	0.50	12.00	107.11	4.52	139.91	551.02	0.16	0.03
61	4.92	19	SLE F	9	3	25.02	-342.32	35.00	75.33	0.50	12.00	107.11	4.52	139.91	560.83	0.16	0.03

80	5.42	20	SLE Q	10	3	27.98	-68.36	35.00	75.33	0.50	12.00	107.11	4.52	139.91	112.00	0.03	0.01
81	5.42	19	SLE F	10	3	27.98	-70.22	35.00	75.33	0.50	12.00	107.11	4.52	139.91	115.05	0.03	0.01

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
9 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	553.05	2.50	6596.83	12184.50	6596.83	11.928
1 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	3073.31	2.50	6596.83	12184.50	6596.83	2.146
13 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	3746.13	2.50	6596.83	12184.50	6596.83	1.761
13 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	3776.11	2.50	6596.83	12184.50	6596.83	1.747
5 SND	5.17	5.64	0.47	ø6/12 2 br.	4.71	0.30	1893.20	2.50	6596.83	12184.50	6596.83	3.484

Travata n. 604

Nodi: 52 104 103 -4

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	-0.00	3.39	3.39	3.39	3.39	-50.20	-1948.87	38.821
0.67	17	SLU	2	450.29	3.39	3.39	3.39	3.39	-158.19	-1948.87	12.320
4.92	17	SLU	2	25.02	3.39	3.39	3.39	3.39	-373.83	-1948.87	5.213
5.42	17	SLU	3	36.83	3.39	3.39	3.39	3.39	-259.73	-1948.87	7.503

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	13	SND	1	-0.00	3.39	3.39	3.39	3.39	-305.34	-1813.99	5.941
0.67	5	SND	2	450.29	3.39	3.39	3.39	3.39	-1201.05	-1813.99	1.510
4.92	13	SND	2	25.02	3.39	3.39	3.39	3.39	-1402.65	-1813.99	1.293
5.42	5	SND	3	36.83	3.39	3.39	3.39	3.39	-905.24	-1813.99	2.004

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cm²>	σ _f inf <daN/cm²>	σ _c <daN/cm²>
0.42	18	SLE R	1	-0.00	3.39	3.39	-39.15	83.90	-11.44	2.97
0.42	20	SLE Q	1	-0.00	3.39	3.39	-35.23	75.49	-10.30	2.67
0.67	18	SLE R	2	450.29	3.39	3.39	-123.65	264.99	-36.14	9.38
0.67	20	SLE Q	2	450.29	3.39	3.39	-136.66	292.88	-39.94	10.37
4.92	18	SLE R	2	25.02	3.39	3.39	-285.18	611.16	-83.35	21.64
4.92	20	SLE Q	2	25.02	3.39	3.39	-273.06	585.17	-79.80	20.72
5.42	18	SLE R	3	36.83	3.39	3.39	-193.36	414.37	-56.51	14.67
5.42	20	SLE Q	3	36.83	3.39	3.39	-156.95	336.34	-45.87	11.91

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
19	0.42	20	SLE Q	1	3	-0.00	-35.23	35.00	113.00	0.50	12.00	121.23	3.39	144.84	75.49	0.02	0.00
20	0.42	19	SLE F	1	3	-0.00	-35.22	35.00	113.00	0.50	12.00	121.23	3.39	144.84	75.48	0.02	0.00
40	0.67	20	SLE Q	2	3	450.29	-136.66	35.00	113.00	0.50	12.00	121.23	3.39	144.84	292.88	0.09	0.02
41	0.67	19	SLE F	2	3	450.29	-135.18	35.00	113.00	0.50	12.00	121.23	3.39	144.84	289.70	0.08	0.02
60	4.92	20	SLE Q	2	3	25.02	-273.06	35.00	113.00	0.50	12.00	121.23	3.39	144.84	585.17	0.17	0.04
61	4.92	19	SLE F	2	3	25.02	-274.59	35.00	113.00	0.50	12.00	121.23	3.39	144.84	588.46	0.17	0.04
80	5.42	20	SLE Q	3	3	36.83	-156.95	35.00	113.00	0.50	12.00	121.23	3.39	144.84	336.34	0.10	0.02
81	5.42	19	SLE F	3	3	36.83	-160.98	35.00	113.00	0.50	12.00	121.23	3.39	144.84	344.98	0.10	0.02

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
13 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	541.80	2.50	6596.83	12184.50	6596.83	12.176
5 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	802.58	2.50	6596.83	12184.50	6596.83	8.220
13 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	835.67	2.50	6596.83	12184.50	6596.83	7.894
13 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	865.65	2.50	6596.83	12184.50	6596.83	7.621
5 SND	5.17	5.73	0.56	ø6/12 2 br.	4.71	0.30	2611.71	2.50	6596.83	12184.50	6596.83	2.526

Travata n. 605

Nodi: 49 105 106 -3

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	42.00	3.39	3.39	3.39	3.39	-91.05	-1948.87	21.404
0.67	17	SLU	2	25.02	3.39	3.39	3.39	3.39	-254.69	-1948.87	7.652
4.92	17	SLU	2	450.29	3.39	3.39	3.39	3.39	-333.57	-1948.87	5.842
5.17	17	SLU	3	0.00	3.39	3.39	3.39	3.39	-189.72	-1948.87	10.273

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	5	SND	1	42.00	3.39	3.39	3.39	3.39	-287.49	-1813.99	6.310
0.67	13	SND	2	25.02	3.39	3.39	3.39	3.39	-973.84	-1813.99	1.863
4.92	5	SND	2	450.29	3.39	3.39	3.39	3.39	-947.65	-1813.99	1.914
5.17	13	SND	3	0.00	3.39	3.39	3.39	3.39	-334.74	-1813.99	5.419

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.42	18	SLE R	1	42.00	3.39	3.39	-68.66	147.14	-20.07	5.21
0.42	20	SLE Q	1	42.00	3.39	3.39	-60.13	128.85	-17.57	4.56
0.67	18	SLE R	2	25.02	3.39	3.39	-195.75	419.50	-57.21	14.86
0.67	20	SLE Q	2	25.02	3.39	3.39	-194.90	417.68	-56.96	14.79
4.92	18	SLE R	2	450.29	3.39	3.39	-253.74	543.77	-74.16	19.26
4.92	20	SLE Q	2	450.29	3.39	3.39	-242.78	520.30	-70.95	18.43
5.17	18	SLE R	3	0.00	3.39	3.39	-141.29	302.80	-41.29	10.72
5.17	20	SLE Q	3	0.00	3.39	3.39	-118.58	254.13	-34.66	9.00

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
19	0.42	20	SLE Q	1	3	42.00	-60.13	35.00	113.00	0.50	12.00	121.23	3.39	144.84	128.85	0.04	0.01
20	0.42	19	SLE F	1	3	42.00	-61.03	35.00	113.00	0.50	12.00	121.23	3.39	144.84	130.79	0.04	0.01
39	0.67	20	SLE Q	2	3	25.02	-194.90	35.00	113.00	0.50	12.00	121.23	3.39	144.84	417.68	0.12	0.03
40	0.67	19	SLE F	2	3	25.02	-194.95	35.00	113.00	0.50	12.00	121.23	3.39	144.84	417.79	0.12	0.03
59	4.92	20	SLE Q	2	3	450.29	-242.78	35.00	113.00	0.50	12.00	121.23	3.39	144.84	520.30	0.15	0.03
60	4.92	19	SLE F	2	3	450.29	-244.36	35.00	113.00	0.50	12.00	121.23	3.39	144.84	523.67	0.15	0.03
80	5.17	20	SLE Q	3	3	0.00	-118.58	35.00	113.00	0.50	12.00	121.23	3.39	144.84	254.13	0.07	0.02
81	5.17	19	SLE F	3	3	0.00	-121.31	35.00	113.00	0.50	12.00	121.23	3.39	144.84	259.96	0.08	0.02

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
5 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	515.98	2.50	6596.83	12184.50	6596.83	12.785
13 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	656.40	2.50	6596.83	12184.50	6596.83	10.050
5 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	647.86	2.50	6596.83	12184.50	6596.83	10.182
5 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	677.84	2.50	6596.83	12184.50	6596.83	9.732
13 SND	5.17	5.37	0.20	ø6/12 2 br.	4.71	0.30	275.09	2.50	6596.83	12184.50	6596.83	23.981
13 SND	5.37	5.83	0.46	ø6/12 2 br.	4.71	0.30	245.11	2.50	6596.83	12184.50	6596.83	26.914

Travata n. 606

Nodi: 51 108 -429 -428 -427 -426 -425 -424 -423 107 -2

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3	R	30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	42.00	4.52	4.52	4.52	4.52	-83.61	-2483.88	29.706
0.67	17	SLU	2	25.02	4.52	4.52	4.52	4.52	-192.48	-2483.88	12.905
4.92	17	SLU	9	34.40	4.52	4.52	4.52	4.52	-345.45	-2483.88	7.190
5.17	17	SLU	10	0.00	4.52	4.52	4.52	4.52	-192.63	-2483.88	12.895

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	5	SND	1	42.00	4.52	4.52	4.52	4.52	-274.81	-2364.42	8.604
0.67	13	SND	2	25.02	4.52	4.52	4.52	4.52	-1388.25	-2364.42	1.703
4.92	5	SND	9	34.40	4.52	4.52	4.52	4.52	-1299.01	-2364.42	1.820
5.17	13	SND	10	0.00	4.52	4.52	4.52	4.52	-339.18	-2364.42	6.971

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_e sup <daN/cmq>	σ_e inf <daN/cmq>	σ_c <daN/cmq>
0.42	18	SLE R	1	42.00	4.52	4.52	-61.87	101.36	-19.56	4.11
0.42	20	SLE Q	1	42.00	4.52	4.52	-52.65	86.27	-16.65	3.49
0.67	18	SLE R	2	25.02	4.52	4.52	-145.06	237.66	-45.87	9.63
0.67	20	SLE Q	2	25.02	4.52	4.52	-132.11	216.44	-41.78	8.77
4.92	18	SLE R	9	34.40	4.52	4.52	-259.73	425.52	-82.13	17.23
4.92	20	SLE Q	9	34.40	4.52	4.52	-228.69	374.67	-72.32	15.18
5.17	18	SLE R	10	0.00	4.52	4.52	-143.13	234.49	-45.26	9.50
5.17	20	SLE Q	10	0.00	4.52	4.52	-119.52	195.81	-37.79	7.93

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
19	0.42	20	SLE Q	1	3	42.00	-52.65	35.00	75.33	0.50	12.00	107.11	4.52	139.91	86.27	0.03	0.00
20	0.42	19	SLE F	1	3	42.00	-53.98	35.00	75.33	0.50	12.00	107.11	4.52	139.91	88.43	0.03	0.00
39	0.67	20	SLE Q	2	3	25.02	-132.11	35.00	75.33	0.50	12.00	107.11	4.52	139.91	216.44	0.06	0.01
40	0.67	19	SLE F	2	3	25.02	-133.87	35.00	75.33	0.50	12.00	107.11	4.52	139.91	219.32	0.06	0.01
59	4.92	20	SLE Q	9	3	34.40	-228.69	35.00	75.33	0.50	12.00	107.11	4.52	139.91	374.67	0.11	0.02
60	4.92	19	SLE F	9	3	34.40	-232.24	35.00	75.33	0.50	12.00	107.11	4.52	139.91	380.48	0.11	0.02
80	5.17	20	SLE Q	10	3	0.00	-119.52	35.00	75.33	0.50	12.00	107.11	4.52	139.91	195.81	0.06	0.01
81	5.17	19	SLE F	10	3	0.00	-122.42	35.00	75.33	0.50	12.00	107.11	4.52	139.91	200.56	0.06	0.01

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
5 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	492.56	2.50	6596.83	12184.50	6596.83	13.393
13 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	2798.98	2.50	6596.83	12184.50	6596.83	2.357
13 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	2770.07	2.50	6596.83	12184.50	6596.83	2.381
5 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	2603.72	2.50	6596.83	12184.50	6596.83	2.534
13 SND	5.17	5.37	0.20	ø6/12 2 br.	4.71	0.30	243.88	2.50	6596.83	12184.50	6596.83	27.049
13 SND	5.37	5.94	0.57	ø6/12 2 br.	4.71	0.30	213.90	2.50	6596.83	12184.50	6596.83	30.840

Travata n. 607

Nodi: 53 109 -416 -417 -418 -419 -420 -421 -422 110 -489 -5

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3R		30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	-0.00	3.39	3.39	3.39	3.39	-79.54	-1948.87	24.503
0.67	17	SLU	2	34.40	3.39	3.39	3.39	3.39	-159.79	-1948.87	12.196
4.92	17	SLU	9	25.02	3.39	3.39	3.39	3.39	-452.72	-1948.87	4.305
5.17	17	SLU	10	43.93	3.39	3.39	3.39	3.39	-257.55	-1948.87	7.567

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	5	SND	1	-0.00	3.39	3.39	3.39	3.39	-276.11	-1813.99	6.570
0.67	13	SND	2	34.40	3.39	3.39	3.39	3.39	-1722.08	-1813.99	1.053
4.92	5	SND	9	25.02	3.39	3.39	3.39	3.39	-1706.83	-1813.99	1.063
5.17	13	SND	10	43.93	3.39	3.39	3.39	3.39	-520.47	-1813.99	3.485

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_e sup <daN/cmq>	σ_e inf <daN/cmq>	σ_c <daN/cmq>
0.42	18	SLE R	1	-0.00	3.39	3.39	-60.11	128.82	-17.57	4.56
0.42	20	SLE Q	1	-0.00	3.39	3.39	-51.23	109.78	-14.97	3.89
0.67	18	SLE R	2	34.40	3.39	3.39	-118.84	254.68	-34.73	9.02
0.67	20	SLE Q	2	34.40	3.39	3.39	-107.80	231.02	-31.50	8.18
4.92	18	SLE R	9	25.02	3.39	3.39	-339.23	726.99	-99.14	25.75
4.92	20	SLE Q	9	25.02	3.39	3.39	-294.25	630.58	-85.99	22.33
5.17	18	SLE R	10	43.93	3.39	3.39	-191.80	411.04	-56.05	14.56
5.17	20	SLE Q	10	43.93	3.39	3.39	-159.70	342.25	-46.67	12.12

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
19	0.42	20	SLE Q	1	3	-0.00	-51.23	35.00	113.00	0.50	12.00	121.23	3.39	144.84	109.78	0.03	0.01
20	0.42	19	SLE F	1	3	-0.00	-51.97	35.00	113.00	0.50	12.00	121.23	3.39	144.84	111.37	0.03	0.01
39	0.67	20	SLE Q	2	3	34.40	-107.80	35.00	113.00	0.50	12.00	121.23	3.39	144.84	231.02	0.07	0.01
40	0.67	19	SLE F	2	3	34.40	-109.95	35.00	113.00	0.50	12.00	121.23	3.39	144.84	235.63	0.07	0.01

59	4.92	20	SLE Q	9	3	25.02	-294.25	35.00	113.00	0.50	12.00	121.23	3.39	144.84	630.58	0.18	0.04
60	4.92	19	SLE F	9	3	25.02	-299.46	35.00	113.00	0.50	12.00	121.23	3.39	144.84	641.76	0.19	0.04
79	5.17	20	SLE Q	10	3	43.93	-159.70	35.00	113.00	0.50	12.00	121.23	3.39	144.84	342.25	0.10	0.02
80	5.17	19	SLE F	10	3	43.93	-163.41	35.00	113.00	0.50	12.00	121.23	3.39	144.84	350.19	0.10	0.02

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
5 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	511.06	2.50	6596.83	12184.50	6596.83	12.908
13 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	3580.31	2.50	6596.83	12184.50	6596.83	1.843
5 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	3594.41	2.50	6596.83	12184.50	6596.83	1.835
5 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	3624.39	2.50	6596.83	12184.50	6596.83	1.820
13 SND	5.17	5.37	0.20	ø6/12 2 br.	4.71	0.30	684.76	2.50	6596.83	12184.50	6596.83	9.634
13 SND	5.37	5.99	0.62	ø6/12 2 br.	4.71	0.30	654.78	2.50	6596.83	12184.50	6596.83	10.075

Travata n. 608

Nodi: 50 112 -443 -442 -441 -440 -439 -438 -437 111 -495 48

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3R		30.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.42	17	SLU	1	42.00	4.62	4.62	4.62	4.62	-96.49	-2528.18	26.201
0.67	17	SLU	2	25.02	4.62	4.62	4.62	4.62	-85.58	-2528.18	29.540
4.92	17	SLU	9	34.40	4.62	4.62	4.62	4.62	-454.16	-2528.18	5.567
5.17	17	SLU	10	0.00	4.62	4.62	4.62	4.62	-252.01	-2528.18	10.032

Stato limite elastico - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.42	5	SND	1	42.00	4.62	4.62	4.62	4.62	-365.50	-2409.79	6.593
0.67	5	SND	2	25.02	4.62	4.62	4.62	4.62	2001.84	2409.79	1.204
4.92	5	SND	9	34.40	4.62	4.62	4.62	4.62	-1940.48	-2409.79	1.242
5.17	13	SND	10	0.00	4.62	4.62	4.62	4.62	-659.21	-2409.79	3.656

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _e sup <daN/cmq>	σ _e inf <daN/cmq>	σ _c <daN/cmq>
0.42	18	SLE R	1	42.00	4.62	4.62	-71.10	114.27	-22.54	4.67
0.42	20	SLE Q	1	42.00	4.62	4.62	-59.59	95.76	-18.89	3.92
0.67	18	SLE R	2	25.02	4.62	4.62	-66.31	106.57	-21.02	4.36
0.67	20	SLE Q	2	25.02	4.62	4.62	-73.21	117.66	-23.21	4.81
4.92	18	SLE R	9	34.40	4.62	4.62	-342.07	549.74	-108.46	22.48
4.92	20	SLE Q	9	34.40	4.62	4.62	-304.39	489.19	-96.51	20.00
5.17	18	SLE R	10	0.00	4.62	4.62	-187.50	301.32	-59.45	12.32
5.17	20	SLE Q	10	0.00	4.62	4.62	-157.60	253.29	-49.97	10.36

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
19	0.42	20	SLE Q	1	3	42.00	-59.59	34.00	112.00	0.50	14.00	110.31	4.62	139.56	95.76	0.03	0.01
20	0.42	19	SLE F	1	3	42.00	-61.27	34.00	112.00	0.50	14.00	110.31	4.62	139.56	98.46	0.03	0.01
39	0.67	20	SLE Q	2	3	25.02	-73.21	34.00	112.00	0.50	14.00	110.31	4.62	139.56	117.66	0.03	0.01
40	0.67	19	SLE F	2	3	25.02	-72.79	34.00	112.00	0.50	14.00	110.31	4.62	139.56	116.97	0.03	0.01
59	4.92	20	SLE Q	9	3	34.40	-304.39	34.00	112.00	0.50	14.00	110.31	4.62	139.56	489.19	0.14	0.03
60	4.92	19	SLE F	9	3	34.40	-308.74	34.00	112.00	0.50	14.00	110.31	4.62	139.56	496.18	0.14	0.03
79	5.17	20	SLE Q	10	3	0.00	-157.60	34.00	112.00	0.50	14.00	110.31	4.62	139.56	253.29	0.07	0.01
80	5.17	19	SLE F	10	3	0.00	-161.22	34.00	112.00	0.50	14.00	110.31	4.62	139.56	259.09	0.08	0.01

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
5 SND	0.06	0.42	0.35	ø6/12 2 br.	4.71	0.30	657.18	2.50	6596.83	12184.50	6596.83	10.038
13 SND	0.67	0.87	0.20	ø6/12 2 br.	4.71	0.30	3462.21	2.50	6596.83	12184.50	6596.83	1.905
13 SND	0.87	4.72	3.85	ø6/12 2 br.	4.71	0.30	3433.30	2.50	6596.83	12184.50	6596.83	1.921
5 SND	4.72	4.92	0.20	ø6/12 2 br.	4.71	0.30	3391.76	2.50	6596.83	12184.50	6596.83	1.945
13 SND	5.17	5.37	0.20	ø6/12 2 br.	4.71	0.30	655.28	2.50	6596.83	12184.50	6596.83	10.067
13 SND	5.37	6.06	0.69	ø6/12 2 br.	4.71	0.30	625.30	2.50	6596.83	12184.50	6596.83	10.550

Travata n. 610

Nodi: 113 110 -490 -491 -492 -493 -494 111 66

Caratteristiche delle sezioni e dei materiali utilizzati													
Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		50.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione											
Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.41	17	SLU	1	0.00	3.39	3.39	3.39	3.39	-110.70	-2149.41	19.416
0.66	17	SLU	2	35.83	3.39	3.39	3.39	3.39	-637.03	-2149.41	3.374
3.63	17	SLU	7	42.92	3.39	3.39	3.39	3.39	301.72	2149.41	7.124
3.81	17	SLU	7	25.00	3.39	3.39	3.39	3.39	-281.96	-2149.41	7.623
4.06	17	SLU	8	13.00	3.39	3.39	3.39	3.39	14.31	2149.41	>100

Stato limite elastico - Verifiche a flessione/pressoflessione											
Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.41	9	SND	1	0.00	3.39	3.39	3.39	3.39	-278.19	-1884.80	6.775
0.66	1	SND	2	35.83	3.39	3.39	3.39	3.39	-1702.71	-1884.80	1.107
3.63	9	SND	7	42.92	3.39	3.39	3.39	3.39	-1488.97	-1884.80	1.266
3.81	9	SND	7	25.00	3.39	3.39	3.39	3.39	-1488.97	-1884.80	1.266
4.06	5	SND	8	13.00	3.39	3.39	3.39	3.39	74.90	1884.80	25.166

Stato limite d'esercizio - Verifiche tensionali										
Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	My <daNm>	σ _e sup <daN/cmq>	σ _e inf <daN/cmq>	σ _c <daN/cmq>
0.41	18	SLE R	1	0.00	3.39	3.39	-82.59	171.19	-8.56	4.73
0.41	20	SLE Q	1	0.00	3.39	3.39	-67.15	139.20	-6.96	3.85
0.66	18	SLE R	2	35.83	3.39	3.39	-448.96	930.63	-46.54	25.74
0.66	20	SLE Q	2	35.83	3.39	3.39	-335.41	695.25	-34.77	19.23
3.63	18	SLE R	7	42.92	3.39	3.39	-221.42	458.97	-22.95	12.69
3.63	20	SLE Q	7	42.92	3.39	3.39	-177.86	368.68	-18.44	10.20
3.81	18	SLE R	7	25.00	3.39	3.39	-221.42	458.97	-22.95	12.69
3.81	20	SLE Q	7	25.00	3.39	3.39	-177.86	368.68	-18.44	10.20
4.06	18	SLE R	8	13.00	3.39	3.39	10.83	-1.12	22.45	0.62
4.06	20	SLE Q	8	13.00	3.39	3.39	9.52	-0.99	19.74	0.55

Stato limite d'esercizio - Verifiche a fessurazione																	
Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
19	0.41	20	SLE Q	1	2	0.00	-67.15	35.00	211.00	0.50	12.00	160.41	3.39	255.63	139.20	0.04	0.01
20	0.41	19	SLE F	1	2	0.00	-68.88	35.00	211.00	0.50	12.00	160.41	3.39	255.63	142.78	0.04	0.01
39	0.66	20	SLE Q	2	2	35.83	-335.41	35.00	211.00	0.50	12.00	160.41	3.39	255.63	695.25	0.20	0.06
40	0.66	19	SLE F	2	2	35.83	-356.59	35.00	211.00	0.50	12.00	160.41	3.39	255.63	739.16	0.22	0.06
66	3.63	20	SLE Q	7	2	42.92	-177.86	35.00	211.00	0.50	12.00	160.41	3.39	255.63	368.68	0.11	0.03
68	3.63	19	SLE F	7	2	42.92	-177.59	35.00	211.00	0.50	12.00	160.41	3.39	255.63	368.13	0.11	0.03
92	3.81	20	SLE Q	7	2	25.00	-177.86	35.00	211.00	0.50	12.00	160.41	3.39	255.63	368.68	0.11	0.03
94	3.81	19	SLE F	7	2	25.00	-177.59	35.00	211.00	0.50	12.00	160.41	3.39	255.63	368.13	0.11	0.03
118	4.06	20	SLE Q	8	2	13.00	9.52	35.00	211.00	0.50	12.00	160.41	3.39	255.63	19.74	0.01	0.00
119	4.06	19	SLE F	8	2	13.00	9.65	35.00	211.00	0.50	12.00	160.41	3.39	255.63	20.00	0.01	0.00

Stato limite ultimo - Verifiche a taglio												
CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
9 SND	0.06	0.41	0.35	ø8/10 2 br.	10.05	0.50	555.86	2.50	14073.20	20307.50	14073.20	25.318
1 SND	0.66	0.86	0.20	ø8/10 2 br.	10.05	0.50	4151.13	2.50	14073.20	20307.50	14073.20	3.390
1 SND	0.86	3.61	2.75	ø8/10 2 br.	10.05	0.50	3954.86	2.50	14073.20	20307.50	14073.20	3.558
9 SND	3.61	3.81	0.20	ø8/10 2 br.	10.05	0.50	3633.14	2.50	14073.20	20307.50	14073.20	3.874
13 SND	4.06	4.13	0.07	ø8/10 2 br.	10.05	0.50	533.20	2.50	14073.20	20307.50	14073.20	26.394

Travate n. 401 402

401 (a) Nodi: 35 -57 -58 -59 -60 -61 -62 -63 -64 -65 -66 -67 -68 5 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 8 -38 -39 -40 -41 -42 -43 33
402 (b) Nodi: 36 -18 -17 -16 -15 -14 -13 -12 -11 -10 -9 -8 -7 6 -31 -30 -29 -28 -27 -26 -25 -24 -23 -22 -21 -20 -19 7 -37 -36 -35 -34 -33 -32 32

Caratteristiche delle sezioni e dei materiali utilizzati															
Sez.	Tipo	B <cm>	b <cm>	H <cm>	h <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4T		30.00	90.00	30.00	30.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione												
Xg <m>	CC	TCC	In	El	X <cm>	Afe S <cmq>	Afe I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
4.72	17	SLU	b	13	12.50	8.29	8.29	8.29	8.29	6986.70	17214.00	2.464
4.97	17	SLU	b	14	26.07	8.29	8.29	8.29	8.29	6754.32	17214.00	2.549
7.94	17	SLU	a	22	0.00	8.29	8.29	8.29	8.29	-3788.72	-17922.90	4.731

10.00	17	SLU	b	27	25.00	16.59	16.59	16.59	16.59	1155.02	34000.20	29.437
10.25	17	SLU	b	28	34.71	16.59	16.59	16.59	16.59	3213.75	34000.20	10.580

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg	CC	TCC	In	El	X	AfE S	AfE I	AfEP S	AfEP I	My	M'ydy	Sic.
<m>					<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
4.72	1	SND	b	13	12.50	8.29	8.29	8.29	8.29	6149.98	16540.40	2.689
4.97	9	SND	b	14	26.07	8.29	8.29	8.29	8.29	5335.14	16540.40	3.100
7.94	13	SND	a	22	0.00	8.29	8.29	8.29	8.29	-2854.35	-17013.00	5.960
10.00	1	SND	b	27	25.00	16.59	16.59	16.59	16.59	2319.06	32634.30	14.072
10.25	9	SND	b	28	34.71	16.59	16.59	16.59	16.59	4214.92	32634.30	7.743

Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	In	El	X	AfE S	AfE I	My	σ _f sup	σ _f inf	σ _c	
<m>					<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>	
4.72	18	SLE	R	b	13	12.50	8.29	8.29	5248.93	-350.16	1240.12	31.74
4.72	20	SLE	Q	b	13	12.50	8.29	8.29	4198.39	-280.08	991.92	25.38
4.97	18	SLE	R	b	14	26.07	8.29	8.29	5067.60	-338.06	1197.28	30.64
4.97	20	SLE	Q	b	14	26.07	8.29	8.29	4039.26	-269.46	954.32	24.42
7.94	18	SLE	R	a	22	0.00	8.29	8.29	-2649.86	610.39	-84.64	9.31
7.94	20	SLE	Q	a	22	0.00	8.29	8.29	-1977.14	455.43	-63.15	6.95
10.00	18	SLE	R	b	27	25.00	16.59	16.59	1029.01	-49.90	122.93	4.24
10.00	20	SLE	Q	b	27	25.00	16.59	16.59	1104.98	-53.58	132.01	4.55
10.25	18	SLE	R	b	28	34.71	16.59	16.59	2573.15	-124.78	307.41	10.60
10.25	20	SLE	Q	b	28	34.71	16.59	16.59	2340.49	-113.49	279.61	9.64

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg	CC	TCC	In	El	Sez.	X	My	c	s	K ₂	Φ _{eq}	Δ _{sm}	A _s	A _c eff	σ _s	ε _{sm}	W _k
	<m>						<cm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
38	4.72	20	SLE	Q	b	13	4 12.50	4198.39	31.67	407.00	0.50	18.86	333.71	8.29	922.50	991.92	0.29	0.16
40	4.72	19	SLE	F	b	13	4 12.50	4296.59	31.67	407.00	0.50	18.86	333.71	8.29	922.50	1015.12	0.30	0.17
78	4.97	20	SLE	Q	b	14	4 26.07	4039.26	31.67	407.00	0.50	18.86	333.71	8.29	922.50	954.32	0.28	0.16
80	4.97	19	SLE	F	b	14	4 26.07	4137.14	31.67	407.00	0.50	18.86	333.71	8.29	922.50	977.45	0.28	0.16
117	7.94	20	SLE	Q	a	22	4 0.00	-1977.14	31.67	107.00	0.50	18.86	133.25	8.29	307.50	455.43	0.13	0.03
119	7.94	19	SLE	F	a	22	4 0.00	-2114.85	31.67	107.00	0.50	18.86	133.25	8.29	307.50	487.15	0.14	0.03
162	10.00	20	SLE	Q	b	27	4 25.00	1104.98	31.67	162.80	0.50	18.86	168.21	16.59	922.50	132.01	0.04	0.01
164	10.00	19	SLE	F	b	27	4 25.00	1032.42	31.67	162.80	0.50	18.86	168.21	16.59	922.50	123.34	0.04	0.01
203	10.25	20	SLE	Q	b	28	4 34.71	2340.49	31.67	162.80	0.50	18.86	168.21	16.59	922.50	279.61	0.08	0.02
205	10.25	19	SLE	F	b	28	4 34.71	2295.26	31.67	162.80	0.50	18.86	168.21	16.59	922.50	274.21	0.08	0.02

Stato limite ultimo - Verifiche a taglio

CC	X0	X1	Lung.	In	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Vrdu	Sic.
	<m>	<m>	<m>			<cmq/m>	<m>	<daN>		<daN>	<daN>	<daN>	
17 SLU	0.06	4.12	4.06	b	ø8/20 2 br.	5.03	0.30	5181.62	2.50	24738.80	42837.20	24738.80	4.774
17 SLU	4.12	4.72	0.60	b	ø8/20 2 br.	5.03	0.30	6643.61	2.50	24738.80	42837.20	24738.80	3.724
17 SLU	4.97	5.58	0.60	b	ø8/20 2 br.	5.03	0.30	6734.35	2.50	24738.80	42837.20	24738.80	3.674
17 SLU	5.58	9.40	3.82	b	ø8/20 2 br.	5.03	0.30	5289.70	2.50	24738.80	42837.20	24738.80	4.677
17 SLU	9.40	10.00	0.60	b	ø8/20 2 br.	5.03	0.30	4181.86	2.50	24738.80	42837.20	24738.80	5.916
17 SLU	10.25	10.85	0.60	b	ø8/20 2 br.	5.03	0.30	3632.91	2.50	24738.80	42837.20	24738.80	6.810
9 SND	10.85	12.62	1.77	b	ø8/20 2 br.	5.03	0.30	2923.15	2.50	24738.80	42837.20	24738.80	8.463

Staffatura ala, ferri di suola e ferri di fianco - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St. ala	AfT St. ala
	<m>	<m>	<m>		<cmq/m>	<cmq/m>
17 SLU	0.06	4.12	4.06	ø6/20 2 br.	2.83	0.34
17 SLU	4.12	4.72	0.60	ø6/20 2 br.	2.83	0.34
17 SLU	4.97	5.58	0.60	ø6/20 2 br.	2.83	0.34
17 SLU	5.58	9.40	3.82	ø6/20 2 br.	2.83	0.33
17 SLU	9.40	10.00	0.60	ø6/20 2 br.	2.83	0.31
17 SLU	10.25	10.85	0.60	ø6/20 2 br.	2.83	0.31
17 SLU	10.85	12.62	1.77	ø6/20 2 br.	2.83	0.33

Travata n. 405

Nodi: 5 -69 -70 -71 -72 -73 -74 -75 -76 -77 -78 -79 -80 -81 -82 -83 6

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Tp	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
5	R	30.00	30.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	MRdy	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.25	17	SLU	1	25.00	3.39	3.39	3.39	3.39	359.89	3276.58	9.104
4.50	17	SLU	16	4.69	3.39	3.39	3.39	3.39	799.62	3276.58	4.098

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg	CC	TCC	El	X	Afe S	Afe I	AfEP S	AfEP I	My	M'ydy	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.25	5	SND	1	25.00	3.39	3.39	3.39	3.39	2176.44	3077.11	1.414
4.50	13	SND	16	4.69	3.39	3.39	3.39	3.39	2401.45	3077.11	1.281

Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	X	Afe S	Afe I	My	σ_{ϵ} sup	σ_{ϵ} inf	σ_c
<m>				<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.25	18	SLE R	1	25.00	3.39	3.39	260.85	-56.00	331.40	8.59
0.25	20	SLE Q	1	25.00	3.39	3.39	208.31	-44.72	264.65	6.86
4.50	18	SLE R	16	4.69	3.39	3.39	591.46	-126.98	751.43	19.48
4.50	20	SLE Q	16	4.69	3.39	3.39	482.87	-103.67	613.47	15.90

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg	CC	TCC	El	Sez.	X	My	c	s	K ₂	Φ_{eq}	Δ_{sm}	A _s	A _{c eff}	σ_s	ϵ_{sm}	Wk
	<m>					<cm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
19	0.25	20	SLE Q	1	5	25.00	208.31	35.00	111.00	0.50	12.00	150.46	3.39	227.49	264.65	0.08	0.02
20	0.25	19	SLE F	1	5	25.00	216.09	35.00	111.00	0.50	12.00	150.46	3.39	227.49	274.53	0.08	0.02
39	4.50	20	SLE Q	16	5	4.69	482.87	35.00	111.00	0.50	12.00	150.46	3.39	227.49	613.47	0.18	0.05
40	4.50	19	SLE F	16	5	4.69	495.84	35.00	111.00	0.50	12.00	150.46	3.39	227.49	629.95	0.18	0.05

Stato limite ultimo - Verifiche a taglio

CC	X0	X1	Lung.	Staff.	Afe St.	bw	Vsdu	ctg θ	VRsd	VRcd	Vrdu	Sic.
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	<daN>	
5 SND	0.25	0.55	0.30	ø8/20 2 br.	5.03	0.30	1790.51	2.50	11462.20	19847.70	11462.20	6.402
13 SND	0.55	4.20	3.65	ø8/20 2 br.	5.03	0.30	1768.68	2.50	11462.20	19847.70	11462.20	6.481
13 SND	4.20	4.50	0.30	ø8/20 2 br.	5.03	0.30	1920.64	2.50	11462.20	19847.70	11462.20	5.968

Travata n. 406

Nodi: 8 -84 -85 -86 -87 -88 -89 -90 -91 -92 -93 -94 -95 -96 -97 -98 7

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	TP	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
5R		30.00	30.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg	CC	TCC	El	X	Afe S	Afe I	AfEP S	AfEP I	My	MRdy	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.25	17	SLU	1	25.00	3.39	3.39	3.39	3.39	346.38	3276.58	9.460
4.50	17	SLU	16	4.69	3.39	3.39	3.39	3.39	647.94	3276.58	5.057

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg	CC	TCC	El	X	Afe S	Afe I	AfEP S	AfEP I	My	M'ydy	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.25	5	SND	1	25.00	3.39	3.39	3.39	3.39	2283.98	3077.11	1.347
4.50	13	SND	16	4.69	3.39	3.39	3.39	3.39	2309.16	3077.11	1.333

Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	X	Afe S	Afe I	My	σ_{ϵ} sup	σ_{ϵ} inf	σ_c
<m>				<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.25	18	SLE R	1	25.00	3.39	3.39	243.16	-52.20	308.93	8.01
0.25	20	SLE Q	1	25.00	3.39	3.39	188.10	-40.38	238.98	6.19
4.50	18	SLE R	16	4.69	3.39	3.39	470.07	-100.92	597.22	15.48
4.50	20	SLE Q	16	4.69	3.39	3.39	378.66	-81.29	481.07	12.47

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg	CC	TCC	El	Sez.	X	My	c	s	K ₂	Φ_{eq}	Δ_{sm}	A _s	A _{c eff}	σ_s	ϵ_{sm}	Wk
	<m>					<cm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
20	0.25	20	SLE Q	1	5	25.00	188.10	35.00	111.00	0.50	12.00	150.46	3.39	227.49	238.98	0.07	0.02
21	0.25	19	SLE F	1	5	25.00	200.83	35.00	111.00	0.50	12.00	150.46	3.39	227.49	255.15	0.07	0.02
40	4.50	20	SLE Q	16	5	4.69	378.66	35.00	111.00	0.50	12.00	150.46	3.39	227.49	481.07	0.14	0.04
41	4.50	19	SLE F	16	5	4.69	394.65	35.00	111.00	0.50	12.00	150.46	3.39	227.49	501.40	0.15	0.04

Stato limite ultimo - Verifiche a taglio

CC	X0	X1	Lung.	Staff.	Afe St.	bw	Vsdu	ctg θ	VRsd	VRcd	Vrdu	Sic.
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	<daN>	
5 SND	0.25	0.55	0.30	ø8/20 2 br.	5.03	0.30	1697.17	2.50	11462.20	19847.70	11462.20	6.754
13 SND	0.55	4.20	3.65	ø8/20 2 br.	5.03	0.30	1667.40	2.50	11462.20	19847.70	11462.20	6.874
13 SND	4.20	4.50	0.30	ø8/20 2 br.	5.03	0.30	1787.56	2.50	11462.20	19847.70	11462.20	6.412

Travata n. 609

Nodi: 57 101 -364 -363 -362 -361 -360 -359 -358 104 -380 -379 -378 -377 -376 -375 -374 -373 105 -396 -395 -394 -393

-392 -391 -390 -389 108 60

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2	R	50.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	Afep S <cmq>	Afep I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.41	17	SLU	1	41.00	6.03	3.39	6.03	3.39	-80.65	-3423.11	42.442
0.91	17	SLU	2	50.00	6.03	3.39	6.03	3.39	-758.15	-3423.11	4.515
0.98	17	SLU	3	0.00	6.03	3.39	6.03	3.39	-436.00	-3423.11	7.851
4.44	17	SLU	9	6.62	6.03	3.39	6.03	3.39	-1391.94	-3423.11	2.459
4.94	17	SLU	10	0.00	6.03	3.39	6.03	3.39	-2276.31	-3423.11	1.504
7.32	17	SLU	14	9.51	6.03	3.39	6.03	3.39	1252.84	2172.42	1.734
9.96	17	SLU	18	44.72	12.06	6.79	12.06	6.79	-2978.16	-6237.23	2.094
10.21	17	SLU	19	12.50	12.06	6.79	12.06	6.79	-3190.35	-6237.23	1.955
12.73	17	SLU	23	23.75	6.03	3.39	6.03	3.39	1713.75	2172.42	1.268
15.24	17	SLU	27	35.00	6.03	3.39	6.03	3.39	-1597.07	-3423.11	2.143
15.49	17	SLU	28	0.00	6.03	3.39	6.03	3.39	-186.56	-3423.11	18.348

Stato limite elastico - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	Afep S <cmq>	Afep I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.41	9	SND	1	41.00	6.03	3.39	6.03	3.39	146.01	1878.84	12.868
0.91	1	SND	2	50.00	6.03	3.39	6.03	3.39	1385.53	1878.84	1.356
0.98	1	SND	3	0.00	6.03	3.39	6.03	3.39	1402.47	1878.84	1.340
4.44	1	SND	9	6.62	6.03	3.39	6.03	3.39	-2485.48	-3223.62	1.297
4.94	9	SND	10	0.00	6.03	3.39	6.03	3.39	-2650.03	-3223.62	1.216
7.32	1	SND	14	9.51	6.03	3.39	6.03	3.39	916.01	1878.84	2.051
9.96	1	SND	18	44.72	12.06	6.79	12.06	6.79	-2754.49	-6078.46	2.207
10.21	9	SND	19	12.50	12.06	6.79	12.06	6.79	-2808.79	-6078.46	2.164
12.73	9	SND	23	23.75	6.03	3.39	6.03	3.39	1095.29	1878.84	1.715
15.24	1	SND	27	35.00	6.03	3.39	6.03	3.39	-2151.68	-3223.62	1.498
15.49	9	SND	28	0.00	6.03	3.39	6.03	3.39	-248.85	-3223.62	12.954

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	Afe S <cmq>	Afe I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.41	18	SLE R	1	41.00	6.03	3.39	-60.35	72.63	-11.96	2.76
0.41	20	SLE Q	1	41.00	6.03	3.39	-50.26	60.49	-9.96	2.30
0.91	18	SLE R	2	50.00	6.03	3.39	-565.07	680.04	-111.97	25.81
0.91	20	SLE Q	2	50.00	6.03	3.39	-432.26	520.22	-85.65	19.74
0.98	18	SLE R	3	0.00	6.03	3.39	-327.54	394.18	-64.90	14.96
0.98	20	SLE Q	3	0.00	6.03	3.39	-247.60	297.98	-49.06	11.31
4.44	18	SLE R	9	6.62	6.03	3.39	-1009.82	1215.29	-200.10	46.13
4.44	20	SLE Q	9	6.62	6.03	3.39	-776.74	934.79	-153.91	35.48
4.94	18	SLE R	10	0.00	6.03	3.39	-1685.34	2028.27	-333.95	76.98
4.94	20	SLE Q	10	0.00	6.03	3.39	-1308.55	1574.81	-259.29	59.77
7.32	18	SLE R	14	9.51	6.03	3.39	917.92	-84.93	1910.18	51.88
7.32	20	SLE Q	14	9.51	6.03	3.39	704.55	-65.19	1466.17	39.82
9.96	18	SLE R	18	44.72	12.06	6.79	-2165.19	1361.40	-472.86	74.01
9.96	20	SLE Q	18	44.72	12.06	6.79	-1650.15	1037.56	-360.38	56.41
10.21	18	SLE R	19	12.50	12.06	6.79	-2327.58	1463.51	-508.32	79.56
10.21	20	SLE Q	19	12.50	12.06	6.79	-1788.74	1124.70	-390.64	61.14
12.73	18	SLE R	23	23.75	6.03	3.39	1256.71	-116.28	2615.19	71.02
12.73	20	SLE Q	23	23.75	6.03	3.39	966.39	-89.42	2011.05	54.62
15.24	18	SLE R	27	35.00	6.03	3.39	-1181.53	1421.95	-234.12	53.97
15.24	20	SLE Q	27	35.00	6.03	3.39	-908.80	1093.72	-180.08	41.51
15.49	18	SLE R	28	0.00	6.03	3.39	-137.18	165.09	-27.18	6.27
15.49	20	SLE Q	28	0.00	6.03	3.39	-110.13	132.54	-21.82	5.03

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
19	0.41	20	SLE Q	1	2	41.00	-50.26	33.00	209.00	0.50	16.00	128.92	6.03	237.20	60.49	0.02	0.00
20	0.41	19	SLE F	1	2	41.00	-51.52	33.00	209.00	0.50	16.00	128.92	6.03	237.20	62.00	0.02	0.00
39	0.91	20	SLE Q	2	2	50.00	-432.26	33.00	209.00	0.50	16.00	128.92	6.03	237.20	520.22	0.15	0.03
40	0.91	19	SLE F	2	2	50.00	-444.47	33.00	209.00	0.50	16.00	128.92	6.03	237.20	534.91	0.16	0.03
60	0.98	20	SLE Q	3	2	0.00	-247.60	33.00	209.00	0.50	16.00	128.92	6.03	237.20	297.98	0.09	0.02
61	0.98	19	SLE F	3	2	0.00	-253.72	33.00	209.00	0.50	16.00	128.92	6.03	237.20	305.35	0.09	0.02
81	4.44	20	SLE Q	9	2	6.62	-776.74	33.00	209.00	0.50	16.00	128.92	6.03	237.20	934.79	0.27	0.06
82	4.44	19	SLE F	9	2	6.62	-809.84	33.00	209.00	0.50	16.00	128.92	6.03	237.20	974.62	0.28	0.06
102	4.94	20	SLE Q	10	2	0.00	-1308.55	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1574.81	0.51	0.11
103	4.94	19	SLE F	10	2	0.00	-1349.60	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1624.21	0.47	0.10
122	7.32	20	SLE Q	14	2	9.51	704.55	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1466.17	0.43	0.12
123	7.32	19	SLE F	14	2	9.51	730.90	35.00	211.00	0.50	12.00	160.76	3.39	256.63	1520.99	0.44	0.12
142	9.96	20	SLE Q	18	2	44.72	-1650.15	33.00	83.60	0.50	16.00	94.42	12.06	214.30	1037.56	0.37	0.06

Relazione di calcolo

143	9.96	19	SLE F	18	2	44.72	-1719.47	33.00	83.60	0.50	16.00	94.42	12.06	214.30	1081.14	0.33	0.05
162	10.21	20	SLE Q	19	2	12.50	-1788.74	33.00	83.60	0.50	16.00	94.42	12.06	214.30	1124.70	0.41	0.07
163	10.21	19	SLE F	19	2	12.50	-1858.91	33.00	83.60	0.50	16.00	94.42	12.06	214.30	1168.82	0.37	0.06
182	12.73	20	SLE Q	23	2	23.75	966.39	35.00	211.00	0.50	12.00	160.76	3.39	256.63	2011.05	0.59	0.16
183	12.73	19	SLE F	23	2	23.75	1002.13	35.00	211.00	0.50	12.00	160.76	3.39	256.63	2085.42	0.61	0.17
202	15.24	20	SLE Q	27	2	35.00	-908.80	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1093.72	0.32	0.07
203	15.24	19	SLE F	27	2	35.00	-938.37	33.00	209.00	0.50	16.00	128.92	6.03	237.20	1129.31	0.33	0.07
223	15.49	20	SLE Q	28	2	0.00	-110.13	33.00	209.00	0.50	16.00	128.92	6.03	237.20	132.54	0.04	0.01
224	15.49	19	SLE F	28	2	0.00	-113.56	33.00	209.00	0.50	16.00	128.92	6.03	237.20	136.67	0.04	0.01

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
9 SND	0.06	0.41	0.35	ø8/10 2 br.	10.05	0.50	499.32	2.50	14073.20	20307.50	14073.20	28.185
9 SND	0.91	1.11	0.20	ø8/10 2 br.	10.05	0.50	7965.72	2.50	14073.20	20307.50	14073.20	1.767
1 SND	1.11	4.24	3.13	ø8/10 2 br.	10.05	0.50	1740.55	2.50	14073.20	20307.50	14073.20	8.086
1 SND	4.24	4.44	0.20	ø8/10 2 br.	10.05	0.50	9058.36	2.50	14073.20	20307.50	14073.20	1.554
17 SLU	4.94	5.14	0.20	ø8/10 2 br.	10.05	0.50	2538.53	2.50	14073.20	20307.50	14073.20	5.544
17 SLU	5.14	9.77	4.62	ø8/10 2 br.	10.05	0.50	4082.15	2.50	14073.20	20307.50	14073.20	3.448
17 SLU	9.77	9.96	0.20	ø8/10 2 br.	10.05	0.50	4434.62	2.50	14073.20	20307.50	14073.20	3.173
17 SLU	10.21	10.41	0.20	ø8/10 2 br.	10.05	0.50	4645.76	2.50	14073.20	20307.50	14073.20	3.029
17 SLU	10.41	15.04	4.62	ø8/10 2 br.	10.05	0.50	4293.28	2.50	14073.20	20307.50	14073.20	3.278
1 SND	15.04	15.24	0.20	ø8/10 2 br.	10.05	0.50	4439.66	2.50	14073.20	20307.50	14073.20	3.170
9 SND	15.49	15.85	0.36	ø8/10 2 br.	10.05	0.50	492.24	2.50	14073.20	20307.50	14073.20	28.590

Travata n. 613

Nodi: 114 109 -408 -407 -406 -405 -404 -403 112 65

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		50.00	20.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.41	17	SLU	1	41.00	3.39	3.39	3.39	3.39	-136.41	-2149.41	15.757
0.66	17	SLU	2	25.00	3.39	3.39	3.39	3.39	-851.40	-2149.41	2.525
3.67	17	SLU	8	13.57	3.39	3.39	3.39	3.39	-301.02	-2149.41	7.141
3.81	17	SLU	8	27.14	3.39	3.39	3.39	3.39	-301.02	-2149.41	7.141
4.06	17	SLU	9	0.00	3.39	3.39	3.39	3.39	-15.66	-2149.41	>100

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.41	1	SND	1	41.00	3.39	3.39	3.39	3.39	-224.91	-1884.80	8.380
0.66	9	SND	2	25.00	3.39	3.39	3.39	3.39	-1662.95	-1884.80	1.133
3.67	1	SND	8	13.57	3.39	3.39	3.39	3.39	-1368.10	-1884.80	1.378
3.81	1	SND	8	27.14	3.39	3.39	3.39	3.39	-1368.10	-1884.80	1.378
4.06	5	SND	9	0.00	3.39	3.39	3.39	3.39	-121.39	-1884.80	15.526

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _ε sup <daN/cm²>	σ _ε inf <daN/cm²>	σ _c <daN/cm²>
0.41	18	SLE R	1	41.00	3.39	3.39	-101.09	209.53	-10.48	5.79
0.41	20	SLE Q	1	41.00	3.39	3.39	-81.51	168.95	-8.45	4.67
0.66	18	SLE R	2	25.00	3.39	3.39	-604.21	1252.43	-62.63	34.64
0.66	20	SLE Q	2	25.00	3.39	3.39	-454.41	941.93	-47.10	26.05
3.67	18	SLE R	8	13.57	3.39	3.39	-236.59	490.41	-24.52	13.56
3.67	20	SLE Q	8	13.57	3.39	3.39	-186.70	387.00	-19.35	10.70
3.81	18	SLE R	8	27.14	3.39	3.39	-236.59	490.41	-24.52	13.56
3.81	20	SLE Q	8	27.14	3.39	3.39	-186.70	387.00	-19.35	10.70
4.06	18	SLE R	9	0.00	3.39	3.39	-11.45	23.73	-1.19	0.66
4.06	20	SLE Q	9	0.00	3.39	3.39	-8.85	18.35	-0.92	0.51

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	W _k <mm>
19	0.41	20	SLE Q	1	2	41.00	-81.51	35.00	211.00	0.50	12.00	160.41	3.39	255.63	168.95	0.05	0.01
20	0.41	19	SLE F	1	2	41.00	-83.92	35.00	211.00	0.50	12.00	160.41	3.39	255.63	173.95	0.05	0.01
39	0.66	20	SLE Q	2	2	25.00	-454.41	35.00	211.00	0.50	12.00	160.41	3.39	255.63	941.93	0.27	0.07
40	0.66	19	SLE F	2	2	25.00	-480.83	35.00	211.00	0.50	12.00	160.41	3.39	255.63	996.69	0.29	0.08
65	3.67	20	SLE Q	8	2	13.57	-186.70	35.00	211.00	0.50	12.00	160.41	3.39	255.63	387.00	0.11	0.03
67	3.67	19	SLE F	8	2	13.57	-186.44	35.00	211.00	0.50	12.00	160.41	3.39	255.63	386.45	0.11	0.03
91	3.81	20	SLE Q	8	2	27.14	-186.70	35.00	211.00	0.50	12.00	160.41	3.39	255.63	387.00	0.11	0.03
93	3.81	19	SLE F	8	2	27.14	-186.44	35.00	211.00	0.50	12.00	160.41	3.39	255.63	386.45	0.11	0.03
118	4.06	20	SLE Q	9	2	0.00	-8.85	35.00	211.00	0.50	12.00	160.41	3.39	255.63	18.35	0.01	0.00

120	4.06	19	SLE F	9	2	0.00	-9.15	35.00	211.00	0.50	12.00	160.41	3.39	255.63	18.97	0.01	0.00
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Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
1 SND	0.06	0.41	0.35	ø8/10 2 br.	10.05	0.50	466.38	2.50	14073.20	20307.50	14073.20	30.176
9 SND	0.66	0.86	0.20	ø8/10 2 br.	10.05	0.50	4126.68	2.50	14073.20	20307.50	14073.20	3.410
9 SND	0.86	3.61	2.75	ø8/10 2 br.	10.05	0.50	3930.40	2.50	14073.20	20307.50	14073.20	3.581
1 SND	3.61	3.81	0.20	ø8/10 2 br.	10.05	0.50	3578.77	2.50	14073.20	20307.50	14073.20	3.932
5 SND	4.06	4.13	0.07	ø8/10 2 br.	10.05	0.50	776.27	2.50	14073.20	20307.50	14073.20	18.129

Verifiche e armature pilastri

Simbologia

Δ_{sm}	=Distanza media tra le fessure
Φ_{eq}	=Diametro equivalente delle barre
α	=Angolo asse neutro a rottura
ϵ_Y	=Deformazione nell'acciaio (*1000)
ϵ_{sm}	=Deformazione unitaria media dell'armatura (*1000)
$\mu\Phi$	=Valore di progetto della duttilità di curvatura
σ_c	=Tensione nel calcestruzzo
σ_f	=Tensione nel ferro
σ_s	=Tensione nell'acciaio nella sezione fessurata
$A_c\text{ eff}$	=Area di calcestruzzo efficace
A_s	=Area complessiva dei ferri nell'area di calcestruzzo efficace
A_fC	=Area di ferro compressa
A_fT	=Area di ferro tesa
A_{s1}	=Area di ferro superiore delle travi incidenti sulla faccia
A_{s2}	=Area di ferro inferiore delle travi incidenti sulla faccia
A_{sh}	=Area totale della sezione della staffa
B	=Base
B_j	=Larghezza effettiva utile del nodo
Br_y	=Numero bracci in dir. Y locale
Br_z	=Numero bracci in dir. Z locale
Br.	=Numero bracci
CC	=Combinazione delle condizioni di carico elementari e = eccentricità aggiuntiva in caso di compressione o pressoflessione α = amplificazione per gerarchia delle resistenze TG = taglio da gerarchia delle resistenze
Cf	=Copriferro
Cls	=Tipo di calcestruzzo
Conf.	=Nodo confinato S = Sì N = No
El	=Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
F	=Identificativo faccia del nodo Y+ = Faccia sul lato positivo Y locale pilastro Z+ = Faccia sul lato positivo Z locale pilastro Y- = Faccia sul lato negativo Y locale pilastro Z- = Faccia sul lato negativo Z locale pilastro
Fcd	=Resistenza di calcolo a compressione del calcestruzzo
Fck	=Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd	=Resistenza di calcolo a trazione del calcestruzzo
Fctk	=Resistenza caratteristica a trazione del calcestruzzo
Fyd	=Resistenza di calcolo dell'acciaio
Fyk	=Tensione caratteristica di snervamento dell'acciaio
H	=Altezza
Hjc	=Distanza tra armature pilastro
Hjw	=Distanza tra armature trave
K_2	=Coefficiente per distribuzione deformazioni
M	=Momento flettente
M'ydy	=Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
M'ydz	=Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Z
MRd	=Momento resistente allo stato limite ultimo
MRdy	=Momento resistente allo stato limite ultimo intorno all'asse Y
MRdz	=Momento resistente allo stato limite ultimo intorno all'asse Z
Mod.	=Modalità di verifica faccia I = Interna E = Esterna
My	=Momento flettente intorno all'asse Y
My ver.	=Momento flettente di verifica intorno all'asse Y
Mz	=Momento flettente intorno all'asse Z
Mz ver.	=Momento flettente di verifica intorno all'asse Z
N	=Sforzo normale
Nodo	=Numero del nodo
Nu	=Sforzo normale ultimo

Relazione di calcolo

Sez.	=	Numero della sezione
Sic.	=	Sicurezza
Staff.	=	Staffatura adottata
TCC	=	Tipo di combinazione di carico
		SLU = Stato limite ultimo
		SLE R = Stato limite d'esercizio, combinazione rara
		SLE F = Stato limite d'esercizio, combinazione frequente
		SLE Q = Stato limite d'esercizio, combinazione quasi permanente
		SLD = Stato limite di danno
		SND = Stato limite di salvaguardia della vita (non dissipativo)
Tipo	=	Tipologia
		R = Rettangolare
		T = Sezione a T
Tp	=	Tipo di acciaio
VRcd,y	=	Taglio ultimo lato calcestruzzo in dir. Y
VRcd,z	=	Taglio ultimo lato calcestruzzo in dir. Z
VRsd,y	=	Taglio ultimo lato armatura in dir. Y
VRsd,z	=	Taglio ultimo lato armatura in dir. Z
Vrd,y	=	Taglio resistente in dir. Y
Vrd,z	=	Taglio resistente in dir. Z
Vsdu,y	=	Taglio agente in dir. Y
Vsdu,z	=	Taglio agente in dir. Z
Wk	=	Ampiezza caratteristica delle fessure
X	=	Coordinata progressiva rispetto al nodo iniziale
X0	=	Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
Xl	=	Coordinata progressiva (dal nodo iniziale) della fine del tratto
Xg	=	Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
bw,y	=	Larghezza membratura resistente al taglio in dir. Y
bw,z	=	Larghezza membratura resistente al taglio in dir. Z
c	=	Ricoprimento dell'armatura
ctgθ,y	=	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Y
ctgθ,z	=	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Z
d,y	=	Altezza utile per resistenza al taglio in dir. Y
d,z	=	Altezza utile per resistenza al taglio in dir. Z
s	=	Distanza massima tra le barre

Pilastrata n. 21

Nodi: 1 101												
Caratteristiche delle sezioni e dei materiali utilizzati												
Sez.	Tipo	B	H	Cf	Cls	Fck	Fctk	Fcd	Fctd	Tp	Fyk	Fyd
		<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
6R		50.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione																
Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	MRdy	MRdz	α	ε _y	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
0.00	17	SLU	1	6	0.00	-7192.06	-1074.28	-1074.28	-1281.68	-1281.68	-7192.06	-6172.71	-7618.65	194.06	5.76	5.863
0.00	17	SLU	1	6	0.00	-7192.06	-1074.28	-1074.28	-1281.68	-1281.68	-7192.06	-6172.71	-7618.65	194.06	5.76	5.863
2.62	17 (e)	SLU	1	6	262.01	-6127.64	-14.27	-122.55	-2782.11	-2782.11	-6127.64	-515.55	-14885.70	264.38	13.59	5.349

Stato limite elastico - Verifiche a flessione/presflessione																
Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	M'ydy	M'ydz	α	ε _y	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
0.00	9		SND	1	6	0.00	-2522.65	-4114.47	-4114.47	-4999.30	-4999.30	-2522.65	-4103.32	-5068.35	192.66	6.35
0.00	9		SND	1	6	0.00	-2522.65	-4114.47	-4114.47	-4999.30	-4999.30	-2522.65	-4103.32	-5068.35	192.66	6.35
2.62	9		SND	1	6	262.01	-1703.86	2837.42	2837.42	-5462.32	-5462.32	-1703.86	3480.71	-6670.82	337.50	5.54

Stato limite d'esercizio - Verifiche tensionali												
Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ _c	σ _ε
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
0.00	18		SLE R	1	6	0.00	-5353.31	-946.04	-798.23	8.29	8.29	32.27
0.00	20		SLE Q	1	6	0.00	-4460.51	-809.50	-651.22	8.29	8.29	26.77
0.00	18		SLE R	1	6	0.00	-5353.31	-946.04	-798.23	8.29	8.29	32.27
0.00	20		SLE Q	1	6	0.00	-4460.51	-809.50	-651.22	8.29	8.29	26.77
2.62	18		SLE R	1	6	262.01	-4534.52	-2056.79	-14.83	10.30	6.28	24.41
2.62	20		SLE Q	1	6	262.01	-3641.73	-1575.59	-34.97	10.30	6.28	19.41

Stato limite d'esercizio - Verifiche a fessurazione																		
Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K ₂	Φ _{eq}	Δ _{sm}	A _s	A _{c eff}	σ _s	ε _{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
0.00	20		SLE Q	1	6	0.00	-4460.51	-651.22	-809.50	34.00	206.01	0.50	18.86	121.05	3.14	88.37	346.92	0.10
0.00	19		SLE F	1	6	0.00	-4566.14	-668.22	-833.36	34.00	206.01	0.50	18.86	121.08	3.14	88.42	357.18	0.10
0.00	20		SLE Q	1	6	0.00	-4460.51	-651.22	-809.50	34.00	206.01	0.50	18.86	121.05	3.14	88.37	346.92	0.10
0.00	19		SLE F	1	6	0.00	-4566.14	-668.22	-833.36	34.00	206.01	0.50	18.86	121.08	3.14	88.42	357.18	0.10
2.62	20		SLE Q	1	6	262.01	-3641.73	-34.97	-1575.59	34.00	162.00	0.50	20.00	140.67	6.28	228.29	352.02	0.10
2.62	19		SLE F	1	6	262.01	-3747.35	-32.64	-1626.42	34.00	162.00	0.50	20.00	141.29	6.28	230.25	363.01	0.11

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.50	ø6/18	2	217	SLU	0.25	0.46	572.65	2.50	12612.80	30137.90	12612.80	0.50	0.21	404.56	2.50	5697.89	27229.90	5697.89	14.084	
0.00	0.50	ø6/18	2	213	SND	0.25	0.46	2176.63	2.50	12612.80	29897.20	12612.80	0.50	0.21	2728.67	2.50	5697.89	27012.30	5697.89	2.088	
0.00	0.50	ø6/18	2	29	SND	0.25	0.46	3631.81	2.50	12612.80	30007.90	12612.80	0.50	0.21	2651.92	2.50	5697.89	27112.40	5697.89	2.149	
0.50	2.12	ø6/18	2	217	SLU	0.25	0.46	572.65	2.50	12612.80	30109.20	12612.80	0.50	0.21	404.57	2.50	5697.89	27203.90	5697.89	14.084	
0.50	2.12	ø6/18	2	213	SND	0.25	0.46	2176.63	2.50	12612.80	29875.10	12612.80	0.50	0.21	2728.67	2.50	5697.89	26992.40	5697.89	2.088	
0.50	2.12	ø6/18	2	29	SND	0.25	0.46	3631.81	2.50	12612.80	29985.80	12612.80	0.50	0.21	2651.92	2.50	5697.89	27092.50	5697.89	2.149	
2.12	2.62	ø6/18	2	217	SLU	0.25	0.46	572.65	2.50	12612.80	30016.00	12612.80	0.50	0.21	404.57	2.50	5697.89	27119.80	5697.89	14.084	
2.12	2.62	ø6/18	2	213	SND	0.25	0.46	2176.63	2.50	12612.80	29803.40	12612.80	0.50	0.21	2728.67	2.50	5697.89	26927.60	5697.89	2.088	
2.12	2.62	ø6/18	2	29	SND	0.25	0.46	3631.81	2.50	12612.80	29914.20	12612.80	0.50	0.21	2651.92	2.50	5697.89	27027.70	5697.89	2.149	

Pilastrata n. 22

Nodi: 2 102

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
6R		50.00	25.00	4.20	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17(e)	SLU	1	6	0.00	-7835.49	-82.48	-156.71	-1132.93	-1132.93	-7835.49	-2039.88	-16614.00	241.88	7.33	14.635
0.00	17(e)	SLU	1	6	0.00	-7835.49	-82.48	-156.71	-1132.93	-1132.93	-7835.49	-2039.88	-16614.00	241.88	7.33	14.635
2.77	17	SLU	1	6	277.27	-6709.09	-1511.41	-1511.41	-675.24	-675.24	-6709.09	-7343.87	-3129.28	183.52	8.15	4.822

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	1	SND	1	6	0.00	-3776.30	3710.39	3710.39	-7638.31	-7638.31	-3776.30	3838.16	-8209.92	336.09	5.13	1.067
0.00	1	SND	1	6	0.00	-3776.30	3710.39	3710.39	-7638.31	-7638.31	-3776.30	3838.16	-8209.92	336.09	5.13	1.067
2.77	1	SND	1	6	277.27	-2909.84	-3841.84	-3841.84	3356.69	3356.69	-2909.84	-5134.94	4591.45	171.56	6.76	1.350

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm q>	σ _f <daN/cm q>	
0.00	18	SLE	R	1	6	0.00	-5831.05	-846.04	-60.96	7.60	11.62	11.24	144.63
0.00	20	SLE	Q	1	6	0.00	-4872.36	-701.01	-82.32	7.60	11.62	9.94	125.92
0.00	18	SLE	R	1	6	0.00	-5831.05	-846.04	-60.96	7.60	11.62	11.24	144.63
0.00	20	SLE	Q	1	6	0.00	-4872.36	-701.01	-82.32	7.60	11.62	9.94	125.92
2.77	18	SLE	R	1	6	277.27	-4964.59	-506.09	-1114.70	9.61	9.61	33.00	493.41
2.77	20	SLE	Q	1	6	277.27	-4005.90	-447.81	-849.71	9.61	9.61	25.90	376.04

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>	
2.77	20	SLE	Q	1	6	277.27	-4005.90	-849.71	-447.81	34.00	205.02	0.50	20.40	150.64	3.80	154.00	376.04	0.11	0.03
2.77	19	SLE	F	1	6	277.27	-4120.97	-878.25	-455.30	34.00	205.02	0.50	20.40	151.59	3.80	155.76	388.31	0.11	0.03

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _y	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.50	ø6/18	2	217	SLU	0.25	0.46	165.07	2.50	12612.80	30229.00	12612.80	0.50	0.21	515.36	2.50	5697.89	27312.10	5697.89	11.056	
0.00	0.50	ø6/18	2	21	SND	0.25	0.46	3964.42	2.50	12612.80	29942.80	12612.80	0.50	0.21	2723.64	2.50	5697.89	27053.60	5697.89	2.092	
0.50	2.27	ø6/18	2	217	SLU	0.25	0.46	165.07	2.50	12612.80	30200.20	12612.80	0.50	0.21	515.36	2.50	5697.89	27286.20	5697.89	11.056	
0.50	2.27	ø6/18	2	21	SND	0.25	0.46	3964.42	2.50	12612.80	29920.70	12612.80	0.50	0.21	2723.64	2.50	5697.89	27033.60	5697.89	2.092	
2.27	2.77	ø6/18	2	217	SLU	0.25	0.46	165.07	2.50	12612.80	30098.30	12612.80	0.50	0.21	515.36	2.50	5697.89	27194.10	5697.89	11.056	
2.27	2.77	ø6/18	2	21	SND	0.25	0.46	3964.42	2.50	12612.80	29842.30	12612.80	0.50	0.21	2723.64	2.50	5697.89	26962.80	5697.89	2.092	

Pilastrata n. 23

Nodi: 3 103

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
6R		50.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	6	0.00	-13587.70	429.91	429.91	-1614.62	-1614.62	-13587.70	4109.36	-15235.10	317.81	4.92	9.444
0.00	17	SLU	1	6	0.00	-13587.70	429.91	429.91	-1614.62	-1614.62	-13587.70	4109.36	-15235.10	317.81	4.92	9.444
2.77	17(e)	SLU	1	6	277.27	-12461.30	-28.34	-249.23	442.58	442.58	-286414.00	-6347.57	11307.70	156.09	4.57	22.984

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	1	SND	1	6	0.00	-7399.09	5348.29	5348.29	-6426.28	-6426.28	-7399.09	5403.15	-6598.63	342.42	4.96	1.020
0.00	1	SND	1	6	0.00	-7399.09	5348.29	5348.29	-6426.28	-6426.28	-7399.09	5403.15	-6598.63	342.42	4.96	1.020

Relazione di calcolo

2.77	1	SND	1	6	277.27	-6532.63	-4175.57	-4175.57	3042.01	3042.01	-6532.63	-5934.43	4364.71	171.56	6.39	1.426
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Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _ε <daN/cmq>
0.00	18	SLE R	1	6	0.00	-10045.10	-1214.06	367.09	5.15	15.46	22.27	273.77
0.00	20	SLE Q	1	6	0.00	-8095.13	-986.73	326.66	5.15	15.46	18.68	227.81
0.00	18	SLE R	1	6	0.00	-10045.10	-1214.06	367.09	5.15	15.46	22.27	273.77
0.00	20	SLE Q	1	6	0.00	-8095.13	-986.73	326.66	5.15	15.46	18.68	227.81
2.77	18	SLE R	1	6	277.27	-9178.61	320.50	-54.58	0.00	20.61	9.00	124.66
2.77	20	SLE Q	1	6	277.27	-7228.67	211.48	-67.14	0.00	20.61	7.14	97.94

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.50	ø6/18	2	21	7	SLU	0.25	0.46	741.96	2.50	12612.80	31043.00	12612.80	0.50	0.21	165.28	2.50	5697.89	28047.60	5697.89	16.999
0.00	0.50	ø6/18	2	21	7	SND	0.25	0.46	3414.82	2.50	12612.80	30344.00	12612.80	0.50	0.21	3434.87	2.50	5697.89	27416.10	5697.89	1.659
0.00	0.50	ø6/18	2	25	7	SND	0.25	0.46	4511.20	2.50	12612.80	30317.80	12612.80	0.50	0.21	2077.13	2.50	5697.89	27392.40	5697.89	2.743
0.50	2.27	ø6/18	2	21	7	SLU	0.25	0.46	741.96	2.50	12612.80	31014.30	12612.80	0.50	0.21	165.28	2.50	5697.89	28021.70	5697.89	16.999
0.50	2.27	ø6/18	2	21	7	SND	0.25	0.46	3414.82	2.50	12612.80	30321.90	12612.80	0.50	0.21	3434.87	2.50	5697.89	27396.10	5697.89	1.659
0.50	2.27	ø6/18	2	25	7	SND	0.25	0.46	4511.20	2.50	12612.80	30295.70	12612.80	0.50	0.21	2077.13	2.50	5697.89	27372.40	5697.89	2.743
2.27	2.77	ø6/18	2	21	7	SLU	0.25	0.46	741.96	2.50	12612.80	30912.40	12612.80	0.50	0.21	165.28	2.50	5697.89	27929.60	5697.89	16.999
2.27	2.77	ø6/18	2	21	7	SND	0.25	0.46	3414.82	2.50	12612.80	30243.50	12612.80	0.50	0.21	3434.87	2.50	5697.89	27325.30	5697.89	1.659
2.27	2.77	ø6/18	2	25	7	SND	0.25	0.46	4511.20	2.50	12612.80	30217.30	12612.80	0.50	0.21	2077.13	2.50	5697.89	27301.60	5697.89	2.743

Pilastrata n. 24

Nodi: 4 104

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
6	R	50.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	6	0.00	-12154.10	-1143.36	-1143.36	442.73	442.73	-12154.10	-8257.11	3209.87	175.78	7.23	7.226
0.00	17	SLU	1	6	0.00	-12154.10	-1143.36	-1143.36	442.73	442.73	-12154.10	-8257.11	3209.87	175.78	7.23	7.226
2.62	17	SLU	1	6	262.01	-11089.70	268.02	268.02	424.66	424.66	-11089.70	6721.11	10276.80	21.09	4.68	24.453

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	9	SND	1	6	0.00	-6341.00	-3546.25	-3546.25	8746.54	8746.54	-6341.00	-3628.80	9021.76	149.06	4.90	1.030
0.00	9	SND	1	6	0.00	-6341.00	-3546.25	-3546.25	8746.54	8746.54	-6341.00	-3628.80	9021.76	149.06	4.90	1.030
2.62	9	SND	1	6	262.01	-5522.21	2145.36	2145.36	-5055.54	-5055.54	-5522.21	3811.31	-8579.44	331.88	4.89	1.709

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _ε <daN/cmq>
0.00	18	SLE R	1	6	0.00	-8973.80	430.67	-854.77	10.30	10.30	24.92	272.70
0.00	20	SLE Q	1	6	0.00	-7213.45	407.42	-683.73	10.30	10.30	20.60	226.31
0.00	18	SLE R	1	6	0.00	-8973.80	430.67	-854.77	10.30	10.30	24.92	272.70
0.00	20	SLE Q	1	6	0.00	-7213.45	407.42	-683.73	10.30	10.30	20.60	226.31
2.62	18	SLE R	1	6	262.01	-8155.01	267.98	193.11	0.00	20.61	9.98	129.74
2.62	20	SLE Q	1	6	262.01	-6394.66	187.59	122.38	0.00	20.61	7.24	95.61

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.50	ø6/18	2	21	7	SLU	0.25	0.46	6.90	2.50	12612.80	30840.10	12612.80	0.50	0.21	538.67	2.50	5697.89	27864.30	5697.89	10.578
0.00	0.50	ø6/18	2	21	7	SND	0.25	0.46	2904.62	2.50	12612.80	30213.40	12612.80	0.50	0.21	2832.72	2.50	5697.89	27298.00	5697.89	2.011
0.00	0.50	ø6/18	2	29	7	SND	0.25	0.46	5267.47	2.50	12612.80	30237.90	12612.80	0.50	0.21	2172.26	2.50	5697.89	27320.20	5697.89	2.394
0.50	2.12	ø6/18	2	21	7	SLU	0.25	0.46	6.90	2.50	12612.80	30811.40	12612.80	0.50	0.21	538.67	2.50	5697.89	27838.40	5697.89	10.578
0.50	2.12	ø6/18	2	21	7	SND	0.25	0.46	2904.62	2.50	12612.80	30191.30	12612.80	0.50	0.21	2832.72	2.50	5697.89	27278.10	5697.89	2.011
0.50	2.12	ø6/18	2	29	7	SND	0.25	0.46	5267.47	2.50	12612.80	30215.80	12612.80	0.50	0.21	2172.26	2.50	5697.89	27300.20	5697.89	2.394
2.12	2.62	ø6/18	2	21	7	SLU	0.25	0.46	6.90	2.50	12612.80	30718.20	12612.80	0.50	0.21	538.67	2.50	5697.89	27754.20	5697.89	10.578
2.12	2.62	ø6/18	2	21	7	SND	0.25	0.46	2904.62	2.50	12612.80	30119.60	12612.80	0.50	0.21	2832.72	2.50	5697.89	27213.30	5697.89	2.011
2.12	2.62	ø6/18	2	29	7	SND	0.25	0.46	5267.47	2.50	12612.80	30144.20	12612.80	0.50	0.21	2172.26	2.50	5697.89	27235.50	5697.89	2.394

Pilastrata n. 25

Nodi: 5 105

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	25.00	25.00	4.20	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
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Relazione di calcolo

0.00	17(e)	SLU	1	1	0.00	-13096.90	117.48	261.94	659.72	659.72	-13096.90	2269.99	5594.43	63.28	3.55	8.506
0.00	17(e)	SLU	1	1	0.00	-13096.90	117.48	261.94	659.72	659.72	-13096.90	2269.99	5594.43	63.28	3.55	8.506
2.62	17(e)	SLU	1	1	262.01	-12564.70	-341.85	-341.85	-221.98	-251.29	-162384.00	-4549.42	-3360.46	217.97	3.44	12.924

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	9	SND	1	1	0.00	-7789.86	3093.13	3093.13	1570.11	1570.11	-7789.86	4063.41	2098.03	30.94	3.81	1.318
0.00	9	SND	1	1	0.00	-7789.86	3093.13	3093.13	1570.11	1570.11	-7789.86	4063.41	2098.03	30.94	3.81	1.318
2.62	9	SND	1	1	262.01	-6972.14	-2815.08	-2815.08	-1097.34	-1097.34	-6972.14	-4326.08	-1708.04	205.31	4.06	1.539

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _ε <daN/cmq>
0.00	18	SLE R	1	1	0.00	-9622.76	487.44	96.67	0.00	15.21	27.04	320.05
0.00	20	SLE Q	1	1	0.00	-7592.89	390.34	96.38	0.00	15.21	22.11	259.82
0.00	18	SLE R	1	1	0.00	-9622.76	487.44	96.67	0.00	15.21	27.04	320.05
0.00	20	SLE Q	1	1	0.00	-7592.89	390.34	96.38	0.00	15.21	22.11	259.82
2.62	18	SLE R	1	1	262.01	-9213.36	-158.01	-259.04	0.00	15.21	21.86	268.15
2.62	20	SLE Q	1	1	262.01	-7183.50	-103.10	-216.12	0.00	15.21	16.88	207.55

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{r,y}	Vsdu _{r,y}	ctgθ _{r,y}	VRsd _{r,y}	VRcd _{r,y}	Vrd _{r,y}	b _{w,z}	d _{r,z}	Vsdu _{r,z}	ctgθ _{r,z}	VRsd _{r,z}	VRcd _{r,z}	Vrd _{r,z}	Sic.
<m>	<m>						<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.00	0.45	ø6/24	2	217	SLU	0.25	0.21	336.51	2.50	4273.42	14829.70	4273.42	0.25	0.21	175.31	2.50	4273.42	14829.70	4273.42	12.699	
0.00	0.45	ø6/24	2	29	SND	0.25	0.21	1018.00	2.50	4273.42	14151.20	4273.42	0.25	0.21	2254.93	2.50	4273.42	14151.20	4273.42	1.895	
0.00	0.45	ø6/24	2	25	SND	0.25	0.21	1897.22	2.50	4273.42	14177.00	4273.42	0.25	0.21	1078.92	2.50	4273.42	14177.00	4273.42	2.252	
0.45	2.17	ø6/24	2	217	SLU	0.25	0.21	336.51	2.50	4273.42	14818.00	4273.42	0.25	0.21	175.31	2.50	4273.42	14818.00	4273.42	12.699	
0.45	2.17	ø6/24	2	29	SND	0.25	0.21	1018.00	2.50	4273.42	14142.20	4273.42	0.25	0.21	2254.93	2.50	4273.42	14142.20	4273.42	1.895	
0.45	2.17	ø6/24	2	25	SND	0.25	0.21	1897.22	2.50	4273.42	14168.00	4273.42	0.25	0.21	1078.92	2.50	4273.42	14168.00	4273.42	2.252	
2.17	2.62	ø6/24	2	217	SLU	0.25	0.21	336.51	2.50	4273.42	14773.40	4273.42	0.25	0.21	175.31	2.50	4273.42	14773.40	4273.42	12.699	
2.17	2.62	ø6/24	2	29	SND	0.25	0.21	1018.00	2.50	4273.42	14107.80	4273.42	0.25	0.21	2254.93	2.50	4273.42	14107.80	4273.42	1.895	
2.17	2.62	ø6/24	2	25	SND	0.25	0.21	1897.22	2.50	4273.42	14133.60	4273.42	0.25	0.21	1078.92	2.50	4273.42	14133.60	4273.42	2.252	

Pilastrata n. 26

Nodi: 6 106

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	25.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17(e)	SLU	1	1	0.00	-14642.60	208.73	-292.85	-739.05	-739.05	-14642.60	-2047.80	-5021.87	243.28	3.62	6.822
0.00	17(e)	SLU	1	1	0.00	-14642.60	208.73	-292.85	-739.05	-739.05	-14642.60	-2047.80	-5021.87	243.28	3.62	6.822
2.77	17	SLU	1	1	277.27	-14079.40	-430.20	-430.20	481.31	481.31	-14079.40	-3350.48	3769.89	132.19	3.49	7.813

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	1	SND	1	1	0.00	-8329.25	3502.40	3502.40	-1477.82	-1477.82	-8329.25	3811.22	-1584.13	334.69	4.28	1.086
0.00	1	SND	1	1	0.00	-8329.25	3502.40	3502.40	-1477.82	-1477.82	-8329.25	3811.22	-1584.13	334.69	4.28	1.086
2.77	1	SND	1	1	277.27	-7896.02	-3216.51	-3216.51	1235.10	1235.10	-7896.02	-3864.62	1470.80	157.50	4.53	1.200

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _ε <daN/cmq>
0.00	18	SLE R	1	1	0.00	-10762.00	-546.47	164.12	3.14	9.42	33.57	395.21
0.00	20	SLE Q	1	1	0.00	-8522.74	-440.37	150.10	3.14	9.42	27.50	321.62
0.00	18	SLE R	1	1	0.00	-10762.00	-546.47	164.12	3.14	9.42	33.57	395.21
0.00	20	SLE Q	1	1	0.00	-8522.74	-440.37	150.10	3.14	9.42	27.50	321.62
2.77	18	SLE R	1	1	277.27	-10328.80	351.41	-324.34	0.00	12.57	31.88	376.38
2.77	20	SLE Q	1	1	277.27	-8089.52	265.38	-269.28	3.14	9.42	25.14	296.44

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{r,y}	Vsdu _{r,y}	ctgθ _{r,y}	VRsd _{r,y}	VRcd _{r,y}	Vrd _{r,y}	b _{w,z}	d _{r,z}	Vsdu _{r,z}	ctgθ _{r,z}	VRsd _{r,z}	VRcd _{r,z}	Vrd _{r,z}	Sic.
<m>	<m>						<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.00	0.46	ø6/24	2	217	SLU	0.25	0.21	440.14	2.50	4273.42	15027.40	4273.42	0.25	0.21	230.44	2.50	4273.42	15027.40	4273.42	9.709	
0.00	0.46	ø6/24	2	21	SND	0.25	0.21	978.45	2.50	4273.42	14269.90	4273.42	0.25	0.21	2423.26	2.50	4273.42	14269.90	4273.42	1.764	
0.00	0.46	ø6/24	2	213	SND	0.25	0.21	1826.01	2.50	4273.42	14294.30	4273.42	0.25	0.21	1243.41	2.50	4273.42	14294.30	4273.42	2.340	
0.46	2.31	ø6/24	2	217	SLU	0.25	0.21	440.14	2.50	4273.42	15015.40	4273.42	0.25	0.21	230.44	2.50	4273.42	15015.40	4273.42	9.709	
0.46	2.31	ø6/24	2	21	SND	0.25	0.21	978.45	2.50	4273.42	14260.70	4273.42	0.25	0.21	2423.26	2.50	4273.42	14260.70	4273.42	1.764	
0.46	2.31	ø6/24	2	213	SND	0.25	0.21	1826.01	2.50	4273.42	14285.10	4273.42	0.25	0.21	1243.41	2.50	4273.42	14285.10	4273.42	2.340	
2.31	2.77	ø6/24	2	217	SLU	0.25	0.21	440.14	2.50	4273.42	14967.40	4273.42	0.25	0.21	230.44	2.50	4273.42	14967.40	4273.42	9.709	
2.31	2.77	ø6/24	2	21	SND	0.25	0.21	978.45	2.50	4273.42	14223.80	4273.42	0.25	0.21	2423.26	2.50	4273.42	14223.80	4273.42	1.764	
2.31	2.77	ø6/24	2	213	SND	0.25	0.21	1826.01	2.50	4273.42	14248.20	4273.42	0.25	0.21	1243.41	2.50	4273.42	14248.20	4273.42	2.340	

Pilastrata n. 27

Relazione di calcolo

Nodi: 7 107

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	1	0.00	-8882.97	-1023.15	-1023.15	-508.36	-508.36	-8882.97	-6568.29	-3125.24	208.12	3.30	6.367
0.00	17	SLU	1	1	0.00	-8882.97	-1023.15	-1023.15	-508.36	-508.36	-8882.97	-6568.29	-3125.24	208.12	3.30	6.367
2.77	17 (e)	SLU	1	1	277.27	-8319.77	2026.93	2026.93	120.66	166.40	-8319.77	7948.48	640.88	5.62	4.42	3.921

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	13	SND	1	1	0.00	-4664.18	-2472.80	-2472.80	-3551.58	-3551.58	-4664.18	-2868.20	-4053.03	233.44	3.40	1.147
0.00	13	SND	1	1	0.00	-4664.18	-2472.80	-2472.80	-3551.58	-3551.58	-4664.18	-2868.20	-4053.03	233.44	3.40	1.147
2.77	13	SND	1	1	277.27	-4230.95	2604.82	2604.82	3100.19	3100.19	-4230.95	3174.58	3759.25	49.22	3.39	1.215

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	18	SLE R	1	1	0.00	-6586.48	-375.44	-779.67	10.05	14.07	42.17	435.80
0.00	20	SLE Q	1	1	0.00	-5380.53	-304.72	-612.55	10.05	14.07	33.52	347.73
0.00	18	SLE R	1	1	0.00	-6586.48	-375.44	-779.67	10.05	14.07	42.17	435.80
0.00	20	SLE Q	1	1	0.00	-5380.53	-304.72	-612.55	10.05	14.07	33.52	347.73
2.77	18	SLE R	1	1	277.27	-6153.25	86.71	1502.06	12.06	12.06	56.34	667.18
2.77	20	SLE Q	1	1	277.27	-4947.30	57.17	1159.24	12.06	12.06	43.22	503.07

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	C <mm>	S <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
2.77	20	SLE Q	1	1	277.27	-4947.30	1159.24	57.17	34.00	74.00	0.50	16.00	108.17	4.02	100.95	503.07	0.15	0.03
2.77	19	SLE F	1	1	277.27	-5091.58	1195.83	60.75	34.00	74.00	0.50	16.00	108.06	4.02	100.69	520.11	0.15	0.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.46	ø6/18	2	2	17	SLU	0.25	0.21	226.86	2.50	5697.89	14290.90	5697.89	0.25	0.21	1100.05	2.50	5697.89	14290.90	5697.89	5.180
0.00	0.46	ø6/18	2	2	9	SND	0.25	0.21	1197.26	2.50	5697.89	13949.20	5697.89	0.25	0.21	2609.12	2.50	5697.89	13949.20	5697.89	2.184
0.00	0.46	ø6/18	2	2	13	SND	0.25	0.21	2399.04	2.50	5697.89	13932.80	5697.89	0.25	0.21	1831.30	2.50	5697.89	13932.80	5697.89	2.375
0.46	2.31	ø6/18	2	2	17	SLU	0.25	0.21	226.86	2.50	5697.89	14278.90	5697.89	0.25	0.21	1100.05	2.50	5697.89	14278.90	5697.89	5.180
0.46	2.31	ø6/18	2	2	9	SND	0.25	0.21	1197.26	2.50	5697.89	13939.90	5697.89	0.25	0.21	2609.12	2.50	5697.89	13939.90	5697.89	2.184
0.46	2.31	ø6/18	2	2	13	SND	0.25	0.21	2399.04	2.50	5697.89	13923.60	5697.89	0.25	0.21	1831.30	2.50	5697.89	13923.60	5697.89	2.375
2.31	2.77	ø6/18	2	2	17	SLU	0.25	0.21	226.86	2.50	5697.89	14230.90	5697.89	0.25	0.21	1100.05	2.50	5697.89	14230.90	5697.89	5.180
2.31	2.77	ø6/18	2	2	9	SND	0.25	0.21	1197.26	2.50	5697.89	13903.00	5697.89	0.25	0.21	2609.12	2.50	5697.89	13903.00	5697.89	2.184
2.31	2.77	ø6/18	2	2	13	SND	0.25	0.21	2399.04	2.50	5697.89	13886.70	5697.89	0.25	0.21	1831.30	2.50	5697.89	13886.70	5697.89	2.375

Pilastrata n. 28

Nodi: 8 108

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	1	0.00	-7669.45	-966.90	-966.90	478.79	478.79	-7669.45	-6535.23	3113.93	151.88	3.35	6.709
0.00	17	SLU	1	1	0.00	-7669.45	-966.90	-966.90	478.79	478.79	-7669.45	-6535.23	3113.93	151.88	3.35	6.709
2.62	17 (e)	SLU	1	1	262.01	-7137.24	2127.16	2127.16	90.06	142.75	-7137.24	7880.96	646.83	5.62	4.51	3.709

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	5	SND	1	1	0.00	-5386.77	-2009.69	-2009.69	3591.79	3591.79	-5386.77	-2424.22	4445.71	120.94	3.42	1.230
0.00	5	SND	1	1	0.00	-5386.77	-2009.69	-2009.69	3591.79	3591.79	-5386.77	-2424.22	4445.71	120.94	3.42	1.230
2.62	5	SND	1	1	262.01	-3402.75	2261.42	2261.42	-2952.40	-2952.40	-3402.75	2957.93	-3937.38	307.97	3.44	1.324

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	18	SLE R	1	1	0.00	-5680.55	355.28	-735.36	10.05	14.07	39.71	405.89
0.00	20	SLE Q	1	1	0.00	-4622.48	290.23	-566.22	10.05	14.07	31.21	320.66
0.00	18	SLE R	1	1	0.00	-5680.55	355.28	-735.36	10.05	14.07	39.71	405.89
0.00	20	SLE Q	1	1	0.00	-4622.48	290.23	-566.22	10.05	14.07	31.21	320.66

Relazione di calcolo

2.62	18	SLE R	1	1	262.01	-5271.15	69.59	1571.92	12.06	12.06	57.56	738.37
2.62	20	SLE Q	1	1	262.01	-4213.09	72.60	1200.75	12.06	12.06	44.81	563.77

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
2.62	20	SLE Q	1	1	262.01	-4213.09	1200.75	72.60	34.00	74.00	0.50	16.00	108.73	4.02	102.37	563.77	0.16	0.03
2.62	19	SLE F	1	1	262.01	-4341.07	1241.60	72.33	34.00	74.00	0.50	16.00	108.93	4.02	102.87	582.53	0.17	0.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _{y,z}	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.45	ø6/18	2	2	17	SLU	0.25	0.21	148.36	2.50	5697.89	14135.80	5697.89	0.25	0.21	1180.88	2.50	5697.89	14135.80	5697.89	4.825
0.00	0.45	ø6/18	2	2	1	SND	0.25	0.21	1215.05	2.50	5697.89	13834.80	5697.89	0.25	0.21	2429.21	2.50	5697.89	13834.80	5697.89	2.346
0.00	0.45	ø6/18	2	2	5	SND	0.25	0.21	2497.67	2.50	5697.89	13843.90	5697.89	0.25	0.21	1630.07	2.50	5697.89	13843.90	5697.89	2.281
0.45	2.17	ø6/18	2	2	17	SLU	0.25	0.21	148.36	2.50	5697.89	14124.10	5697.89	0.25	0.21	1180.88	2.50	5697.89	14124.10	5697.89	4.825
0.45	2.17	ø6/18	2	2	1	SND	0.25	0.21	1215.05	2.50	5697.89	13825.80	5697.89	0.25	0.21	2429.21	2.50	5697.89	13825.80	5697.89	2.346
0.45	2.17	ø6/18	2	2	5	SND	0.25	0.21	2497.67	2.50	5697.89	13834.90	5697.89	0.25	0.21	1630.07	2.50	5697.89	13834.90	5697.89	2.281
2.17	2.62	ø6/18	2	2	17	SLU	0.25	0.21	148.36	2.50	5697.89	14079.40	5697.89	0.25	0.21	1180.88	2.50	5697.89	14079.40	5697.89	4.825
2.17	2.62	ø6/18	2	2	1	SND	0.25	0.21	1215.05	2.50	5697.89	13791.40	5697.89	0.25	0.21	2429.21	2.50	5697.89	13791.40	5697.89	2.346
2.17	2.62	ø6/18	2	2	5	SND	0.25	0.21	2497.67	2.50	5697.89	13800.50	5697.89	0.25	0.21	1630.07	2.50	5697.89	13800.50	5697.89	2.281

Pilastrata n. 29

Nodi: 9 109

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1R		25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	1	0.00	-6367.02	667.30	667.30	380.59	380.59	-6367.02	6098.38	3562.80	32.34	3.36	9.194
0.00	17	SLU	1	1	0.00	-6367.02	667.30	667.30	380.59	380.59	-6367.02	6098.38	3562.80	32.34	3.36	9.194
2.62	17 (e)	SLU	1	1	262.01	-5834.81	-1269.95	-1269.95	102.79	116.70	-5834.81	-7805.60	652.62	174.38	4.62	6.142

Stato limite elastico - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	5	SND	1	1	0.00	-2540.48	1379.09	1379.09	4107.75	4107.75	-2540.48	1734.43	5213.30	68.91	3.81	1.268
0.00	5	SND	1	1	0.00	-2540.48	1379.09	1379.09	4107.75	4107.75	-2540.48	1734.43	5213.30	68.91	3.81	1.268
2.62	13	SND	1	1	262.01	-4750.85	-1744.91	-1744.91	3361.27	3361.27	-4750.85	-2313.73	4522.11	119.53	3.47	1.341

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	18	SLE R	1	1	0.00	-4698.58	289.92	448.56	10.05	14.07	27.00	283.99
0.00	20	SLE Q	1	1	0.00	-3850.36	243.61	313.58	8.04	16.09	20.40	217.16
0.00	18	SLE R	1	1	0.00	-4698.58	289.92	448.56	10.05	14.07	27.00	283.99
0.00	20	SLE Q	1	1	0.00	-3850.36	243.61	313.58	8.04	16.09	20.40	217.16
2.62	18	SLE R	1	1	262.01	-4289.19	76.81	-904.92	12.06	12.06	35.13	387.51
2.62	20	SLE Q	1	1	262.01	-3440.97	76.46	-679.57	12.06	12.06	27.17	289.23

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
2.62	20	SLE Q	1	1	262.01	-3440.97	-679.57	76.46	34.00	74.00	0.50	16.00	134.83	2.01	83.98	289.23	0.08	0.02
2.62	19	SLE F	1	1	262.01	-3553.41	-716.89	77.59	34.00	74.00	0.50	16.00	135.97	2.01	85.42	307.05	0.09	0.02

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _{y,z}	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.45	ø6/18	2	2	17	SLU	0.25	0.21	106.02	2.50	5697.89	13969.20	5697.89	0.25	0.21	739.38	2.50	5697.89	13969.20	5697.89	7.706
0.00	0.45	ø6/18	2	2	9	SND	0.25	0.21	1321.15	2.50	5697.89	13809.80	5697.89	0.25	0.21	2027.27	2.50	5697.89	13809.80	5697.89	2.811
0.00	0.45	ø6/18	2	2	5	SND	0.25	0.21	2792.26	2.50	5697.89	13778.60	5697.89	0.25	0.21	1119.82	2.50	5697.89	13778.60	5697.89	2.041
0.45	2.17	ø6/18	2	2	17	SLU	0.25	0.21	106.02	2.50	5697.89	13957.60	5697.89	0.25	0.21	739.38	2.50	5697.89	13957.60	5697.89	7.706
0.45	2.17	ø6/18	2	2	9	SND	0.25	0.21	1321.15	2.50	5697.89	13800.80	5697.89	0.25	0.21	2027.27	2.50	5697.89	13800.80	5697.89	2.811
0.45	2.17	ø6/18	2	2	5	SND	0.25	0.21	2792.26	2.50	5697.89	13769.60	5697.89	0.25	0.21	1119.82	2.50	5697.89	13769.60	5697.89	2.041
2.17	2.62	ø6/18	2	2	17	SLU	0.25	0.21	106.02	2.50	5697.89	13912.90	5697.89	0.25	0.21	739.38	2.50	5697.89	13912.90	5697.89	7.706
2.17	2.62	ø6/18	2	2	9	SND	0.25	0.21	1321.15	2.50	5697.89	13766.40	5697.89	0.25	0.21	2027.27	2.50	5697.89	13766.40	5697.89	2.811
2.17	2.62	ø6/18	2	2	5	SND	0.25	0.21	2792.26	2.50	5697.89	13735.20	5697.89	0.25	0.21	1119.82	2.50	5697.89	13735.20	5697.89	2.041

Pilastrata n. 30

Nodi: 10 110

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1R		25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	17	SLU	1	1	0.00	-7693.92	463.95	463.95	-216.06	-216.06	-7693.92	6535.91	-3114.16	331.88	3.35	14.146
0.00	17	SLU	1	1	0.00	-7693.92	463.95	463.95	-216.06	-216.06	-7693.92	6535.91	-3114.16	331.88	3.35	14.146
2.77	17 (e)	SLU	1	1	277.27	-7130.72	-1066.75	-1066.75	-21.10	-142.61	-7130.72	-7755.45	-1070.56	189.84	4.13	7.274

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	13	SND	1	1	0.00	-5947.09	1538.43	1538.43	-4084.63	-4084.63	-5947.09	1867.57	-4915.92	293.91	3.52	1.205
0.00	13	SND	1	1	0.00	-5947.09	1538.43	1538.43	-4084.63	-4084.63	-5947.09	1867.57	-4915.92	293.91	3.52	1.205
2.77	5	SND	1	1	277.27	-5836.24	-1985.71	-1985.71	-3439.40	-3439.40	-5836.24	-2543.27	-4356.24	237.66	3.38	1.270

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	18	SLE R	1	1	0.00	-5685.56	-161.85	300.54	4.02	20.11	17.92	206.31
0.00	20	SLE Q	1	1	0.00	-4672.92	-130.72	196.21	2.01	22.12	13.08	153.72
0.00	18	SLE R	1	1	0.00	-5685.56	-161.85	300.54	4.02	20.11	17.92	206.31
0.00	20	SLE Q	1	1	0.00	-4672.92	-130.72	196.21	2.01	22.12	13.08	153.72
2.77	18	SLE R	1	1	277.27	-5252.33	-19.00	-756.54	12.06	12.06	28.54	292.80
2.77	20	SLE Q	1	1	277.27	-4239.69	-30.78	-565.66	12.06	12.06	22.06	228.80

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.46	ø6/18	2	2	17	SLU	0.25	0.21	70.31	2.50	5697.89	14138.90	5697.89	0.25	0.21	552.07	2.50	5697.89	14138.90	5697.89	10.321
0.00	0.46	ø6/18	2	2	1	SND	0.25	0.21	1311.15	2.50	5697.89	13962.80	5697.89	0.25	0.21	2140.63	2.50	5697.89	13962.80	5697.89	2.662
0.00	0.46	ø6/18	2	2	13	SND	0.25	0.21	2691.41	2.50	5697.89	13915.50	5697.89	0.25	0.21	1174.41	2.50	5697.89	13915.50	5697.89	2.117
0.46	2.31	ø6/18	2	2	17	SLU	0.25	0.21	70.31	2.50	5697.89	14126.90	5697.89	0.25	0.21	552.07	2.50	5697.89	14126.90	5697.89	10.321
0.46	2.31	ø6/18	2	2	1	SND	0.25	0.21	1311.15	2.50	5697.89	13953.60	5697.89	0.25	0.21	2140.63	2.50	5697.89	13953.60	5697.89	2.662
0.46	2.31	ø6/18	2	2	13	SND	0.25	0.21	2691.41	2.50	5697.89	13906.30	5697.89	0.25	0.21	1174.41	2.50	5697.89	13906.30	5697.89	2.117
2.31	2.77	ø6/18	2	2	17	SLU	0.25	0.21	70.31	2.50	5697.89	14078.90	5697.89	0.25	0.21	552.07	2.50	5697.89	14078.90	5697.89	10.321
2.31	2.77	ø6/18	2	2	1	SND	0.25	0.21	1311.15	2.50	5697.89	13916.70	5697.89	0.25	0.21	2140.63	2.50	5697.89	13916.70	5697.89	2.662
2.31	2.77	ø6/18	2	2	13	SND	0.25	0.21	2691.41	2.50	5697.89	13869.40	5697.89	0.25	0.21	1174.41	2.50	5697.89	13869.40	5697.89	2.117

Pilastrata n. 31

Nodi: 11 111

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _t	Sic.
0.00	17 (e)	SLU	1	1	0.00	-6378.03	-99.66	-127.56	-190.00	-190.00	-6378.03	-3870.97	-5814.17	234.84	3.34	30.522
0.00	17 (e)	SLU	1	1	0.00	-6378.03	-99.66	-127.56	-190.00	-190.00	-6378.03	-3870.97	-5814.17	234.84	3.34	30.522
2.77	17 (e)	SLU	1	1	277.27	-5814.83	839.33	839.33	19.72	116.30	-5814.83	7703.97	1063.45	9.84	4.21	9.178

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'ydy <daNm>	M'ydz <daNm>	α <grad>	ε _y	Sic.
0.00	13	SND	1	1	0.00	-4714.62	-1558.91	-1558.91	-4809.48	-4809.48	-4714.62	-1734.77	-5290.95	248.91	3.68	1.101
0.00	13	SND	1	1	0.00	-4714.62	-1558.91	-1558.91	-4809.48	-4809.48	-4714.62	-1734.77	-5290.95	248.91	3.68	1.101
2.77	13	SND	1	1	277.27	-2679.97	1824.67	1824.67	3892.06	3892.06	-2679.97	2302.69	4810.61	61.88	3.59	1.241

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	18	SLE R	1	1	0.00	-4753.53	-141.19	-90.79	0.00	24.13	10.53	129.17
0.00	20	SLE Q	1	1	0.00	-3945.11	-110.56	-68.25	0.00	24.13	8.40	103.78
0.00	18	SLE R	1	1	0.00	-4753.53	-141.19	-90.79	0.00	24.13	10.53	129.17
0.00	20	SLE Q	1	1	0.00	-3945.11	-110.56	-68.25	0.00	24.13	8.40	103.78
2.77	18	SLE R	1	1	277.27	-4320.31	12.05	636.31	12.06	12.06	23.82	243.58
2.77	20	SLE Q	1	1	277.27	-3511.88	-6.35	500.40	12.06	12.06	18.68	192.01

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.46	ø6/18	2	2	17	SLU	0.25	0.21	75.64	2.50	5697.89	13970.60	5697.89	0.25	0.21	338.66	2.50	5697.89	13970.60	5697.89	16.825
0.00	0.46	ø6/18	2	2	9	SND	0.25	0.21	1835.14	2.50	5697.89	13803.80	5697.89	0.25	0.21	1892.39	2.50	5697.89	13803.80	5697.89	3.011
0.00	0.46	ø6/18	2	2	13	SND	0.25	0.21	3138.32	2.50	5697.89	13758.00	5697.89	0.25	0.21	1220.26	2.50	5697.89	13758.00	5697.89	1.816
0.46	2.31	ø6/18	2	2	17	SLU	0.25	0.21	75.64	2.50	5697.89	13958.60	5697.89	0.25	0.21	338.66	2.50	5697.89	13958.60	5697.89	16.825
0.46	2.31	ø6/18	2	2	9	SND	0.25	0.21	1835.14	2.50	5697.89	13794.60	5697.89	0.25	0.21	1892.39	2.50	5697.89	13794.60	5697.89	3.011
0.46	2.31	ø6/18	2	2	13	SND	0.25	0.21	3138.32	2.50	5697.89	13748.70	5697.89	0.25	0.21	1220.26	2.50	5697.89	13748.70	5697.89	1.816
2.31	2.77	ø6/18	2	2	17	SLU	0.25	0.21	75.64	2.50	5697.89	13910.60	5697.89	0.25	0.21	338.66	2.50	5697.89	13910.60	5697.89	16.825
2.31	2.77	ø6/18	2	2	9	SND	0.25	0.21	1835.14	2.50	5697.89	13757.70	5697.89	0.25	0.21	1892.39	2.50	5697.89	13757.70	5697.89	3.011

2.31	2.77	ø6/18	2	2	13	SND	0.25	0.21	3138.32	2.50	5697.89	13711.80	5697.89	0.25	0.21	1220.26	2.50	5697.89	13711.80	5697.89	1.816
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Pilastrata n. 32

Nodi: 12 112

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	F _{ck} <daN/cm ² >	F _{ctk} <daN/cm ² >	F _{cd} <daN/cm ² >	F _{ctd} <daN/cm ² >	Tp	F _{yk} <daN/cm ² >	F _{yd} <daN/cm ² >
1R		25.00	25.00	3.90	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

X _g <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MR _{dy} <daNm>	MR _{dz} <daNm>	α <grad>	ε _y	Sic.
0.00	17 (e)	SLU	1	1	0.00	-5013.55	-26.19	100.27	483.79	483.79	-5013.55	1559.06	7414.42	75.94	4.01	15.335
0.00	17 (e)	SLU	1	1	0.00	-5013.55	-26.19	100.27	483.79	483.79	-5013.55	1559.06	7414.42	75.94	4.01	15.335
2.62	17 (e)	SLU	1	1	262.01	-4481.34	858.85	858.85	-2.99	89.63	-4481.34	7669.53	931.37	8.44	4.44	8.947

Stato limite elastico - Verifiche a flessione/presoflessione

X _g <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	M'y _{dy} <daNm>	M'y _{dz} <daNm>	α <grad>	ε _y	Sic.
0.00	5	SND	1	1	0.00	-2103.05	-1131.71	-1131.71	4797.53	4797.53	-2103.05	-1311.17	5511.90	105.47	4.12	1.149
0.00	5	SND	1	1	0.00	-2103.05	-1131.71	-1131.71	4797.53	4797.53	-2103.05	-1311.17	5511.90	105.47	4.12	1.149
2.62	5	SND	1	1	262.01	-1693.66	1487.63	1487.63	-3619.09	-3619.09	-1693.66	2027.76	-4933.15	295.31	3.70	1.363

Stato limite d'esercizio - Verifiche tensionali

X _g <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	A _{fT} <cmq>	A _{fC} <cmq>	σ _c <daN/cm ² >	σ _f <daN/cm ² >
0.00	18	SLE R	1	1	0.00	-3735.41	361.17	-36.58	10.05	14.07	15.12	164.60
0.00	20	SLE Q	1	1	0.00	-3091.90	292.59	-21.73	10.05	14.07	12.02	131.61
0.00	18	SLE R	1	1	0.00	-3735.41	361.17	-36.58	10.05	14.07	15.12	164.60
0.00	20	SLE Q	1	1	0.00	-3091.90	292.59	-21.73	10.05	14.07	12.02	131.61
2.62	18	SLE R	1	1	262.01	-3326.02	0.45	650.23	12.06	12.06	23.36	248.25
2.62	20	SLE Q	1	1	262.01	-2682.50	19.88	504.74	12.06	12.06	18.90	195.87

Stato limite d'esercizio - Verifiche a fessurazione

X _g <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm ² >	ε _{sm}	W _k <mm>
2.62	20	SLE Q	1	1	262.01	-2682.50	504.74	19.88	34.00	74.00	0.50	16.00	145.77	2.01	97.72	195.87	0.06	0.01
2.62	19	SLE F	1	1	262.01	-2754.85	514.54	18.03	34.00	74.00	0.50	16.00	146.32	2.01	98.42	198.05	0.06	0.01

Stato limite ultimo - Verifiche a taglio

X ₀ <m>	X ₁ <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	V _{sdu,y} <daN>	ctgθ _y	V _{Rsd,y} <daN>	V _{Rcd,y} <daN>	V _{rd,y} <daN>	b _{w,z} <cm>	d _z <cm>	V _{sdu,z} <daN>	ctgθ _z	V _{Rsd,z} <daN>	V _{Rcd,z} <daN>	V _{rd,z} <daN>	Sic.
0.00	0.45	ø6/18	2	2	17	SLU	0.25	0.21	185.78	2.50	5697.89	13796.20	5697.89	0.25	0.21	337.79	2.50	5697.89	13796.20	5697.89	16.868
0.00	0.45	ø6/18	2	2	1	SND	0.25	0.21	1881.74	2.50	5697.89	13689.40	5697.89	0.25	0.21	1629.71	2.50	5697.89	13689.40	5697.89	3.028
0.00	0.45	ø6/18	2	2	5	SND	0.25	0.21	3212.19	2.50	5697.89	13664.00	5697.89	0.25	0.21	999.16	2.50	5697.89	13664.00	5697.89	1.774
0.45	2.17	ø6/18	2	2	17	SLU	0.25	0.21	185.78	2.50	5697.89	13784.50	5697.89	0.25	0.21	337.79	2.50	5697.89	13784.50	5697.89	16.868
0.45	2.17	ø6/18	2	2	1	SND	0.25	0.21	1881.74	2.50	5697.89	13680.40	5697.89	0.25	0.21	1629.71	2.50	5697.89	13680.40	5697.89	3.028
0.45	2.17	ø6/18	2	2	5	SND	0.25	0.21	3212.19	2.50	5697.89	13655.10	5697.89	0.25	0.21	999.16	2.50	5697.89	13655.10	5697.89	1.774
2.17	2.62	ø6/18	2	2	17	SLU	0.25	0.21	185.78	2.50	5697.89	13739.80	5697.89	0.25	0.21	337.79	2.50	5697.89	13739.80	5697.89	16.868
2.17	2.62	ø6/18	2	2	1	SND	0.25	0.21	1881.74	2.50	5697.89	13646.10	5697.89	0.25	0.21	1629.71	2.50	5697.89	13646.10	5697.89	3.028
2.17	2.62	ø6/18	2	2	5	SND	0.25	0.21	3212.19	2.50	5697.89	13620.70	5697.89	0.25	0.21	999.16	2.50	5697.89	13620.70	5697.89	1.774

Verifiche e armature solette/platee**Simbologia**

Δ _{sm}	= Distanza media tra le fessure
Φ _{eq}	= Diametro equivalente delle barre
β (u ₀)	= Coeff. amplificativo dello sforzo di punzonamento sul perimetro u ₀
β (u ₁)	= Coeff. amplificativo dello sforzo di punzonamento sul perimetro u ₁
ε _{sm}	= Deformazione unitaria media dell'armatura (*1000)
v	= Coeff. di riduzione della resistenza per il calcestruzzo fessurato a taglio
ρ _l	= Rapporto d'armatura longitudinale (*1000)
σ _c	= Tensione nel calcestruzzo
σ _f	= Tensione nel ferro
σ _s	= Tensione nell'acciaio nella sezione fessurata
A _{c eff}	= Area di calcestruzzo efficace
A _s	= Area complessiva dei ferri nell'area di calcestruzzo efficace
A _{sw}	= Area di armatura a taglio a punzonamento
A _{fE I}	= Area di ferro effettiva totale presente nel punto di verifica, inferiore
A _{fE S}	= Area di ferro effettiva totale presente nel punto di verifica, superiore
A _{fE St.}	= Area di ferro effettiva della staffatura
CC	= Numero della combinazione delle condizioni di carico elementari
Cf inf	= Copriferro inferiore
Cf sup	= Copriferro superiore
Cl _s	= Tipo di calcestruzzo

DV	=Direzione di verifica XX = Verifica per momento Mxx YY = Verifica per momento Myy
Fcd	=Resistenza di calcolo a compressione del calcestruzzo
Fck	=Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd	=Resistenza di calcolo a trazione del calcestruzzo
Fctk	=Resistenza caratteristica a trazione del calcestruzzo
Fyd	=Resistenza di calcolo dell'acciaio
Fyk	=Tensione caratteristica di snervamento dell'acciaio
K ₂	=Coefficiente per distribuzione deformazioni
M'ydy	=Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy	=Momento resistente allo stato limite ultimo intorno all'asse Y
Mom	=Momento flettente
My	=Momento flettente intorno all'asse Y
Mz	=Momento intorno all'asse Z
Nodo	=Numero del nodo
Pil	=Numero del pilastro
Sic.	=Sicurezza
Spess.	=Spessore
TCC	=Tipo di combinazione di carico SLU = Stato limite ultimo SLE R = Stato limite d'esercizio, combinazione rara SLE F = Stato limite d'esercizio, combinazione frequente SLE Q = Stato limite d'esercizio, combinazione quasi permanente SLD = Stato limite di danno SND = Stato limite di salvaguardia della vita (non dissipativo)
Tp	=Tipo di acciaio
V _{Ed,r red} (u ₀)	=Valore di progetto del taglio agente ridotto sul perimetro u ₀
V _{Ed,r red} (u ₁)	=Valore di progetto del taglio agente ridotto sul perimetro u ₁
V _{Rd,c}	=Resistenza di progetto a punzonamento
V _{Rd,cs}	=Resistenza a taglio punzonamento
V _{Rd,max}	=Valore di progetto del max taglio punzonamento resistente lungo la sez. di verifica
VRcd	=Taglio ultimo lato calcestruzzo
VRsd	=Taglio ultimo lato armatura
Vrdu	=Taglio ultimo resistente
Vsdu	=Taglio agente nella direzione del momento ultimo
Wk	=Ampiezza caratteristica delle fessure
X	=Coordinata X del nodo
Y	=Coordinata Y del nodo
a	=Distanza dal contorno del pilastro al perimetro di verifica considerato
c	=Ricoprimento dell'armatura
ctgθ	=Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
d	=Media delle altezze utili nelle due direzioni ortogonali
s	=Distanza massima tra le barre
u ₀	=Perimetro del pilastro
u _i	=Perimetro di verifica di base
u _{out,ef}	=Perimetro u _{out} efficace oltre il quale non sono più richieste armature
V _{Ed} (u ₀)	=Tensione max di taglio sul perimetro u ₀
V _{Ed} (u ₁)	=Tensione max di taglio sul perimetro u ₁

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati										
Spess.	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Tp	Fyk	Fyd
<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
30.00	3.00	3.00	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	My	MRdy	Sic.
	<m>	<m>				<cmq>	<cmq>	<daNm>	<daNm>	
-319	19.90	-0.30	XX	17	SLU	4.52	4.52	-1409.41	-4858.02	3.447
31	17.51	-0.30	XX	17	SLU	4.52	4.52	1814.76	4858.02	2.677
36	4.83	4.75	XX	17	SLU	4.52	4.52	2150.47	4858.02	2.259
-179	2.27	-0.30	XX	17	SLU	4.52	4.52	-1997.40	-4858.02	2.432
34	4.83	-0.30	XX	17	SLU	4.52	10.18	3192.89	10256.90	3.212
29	21.76	4.75	YY	17	SLU	3.77	3.77	994.78	4126.46	4.148
-303	21.76	2.38	YY	17	SLU	3.77	3.77	-1700.24	-4126.46	2.427
22	-0.30	4.75	YY	17	SLU	4.52	4.52	1063.82	4858.02	4.567
-186	-0.30	2.38	YY	17	SLU	4.52	4.52	-2149.16	-4858.02	2.260

Stato limite elastico - Verifiche a flessione/pressoflessione

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	My	M'ydy	Sic.
	<m>	<m>				<cmq>	<cmq>	<daNm>	<daNm>	
31	17.51	-0.30	XX	9	SND	4.52	4.52	3499.34	4459.92	1.274
32	17.51	4.75	XX	1	SND	4.52	4.52	3111.37	4459.92	1.433
36	4.83	4.75	XX	9	SND	4.52	4.52	4103.24	4459.92	1.087
-176	0.57	-0.30	XX	9	SND	4.52	4.52	-3311.64	-4459.92	1.347
34	4.83	-0.30	XX	9	SND	4.52	10.18	-3889.01	-4452.12	1.145
35	4.83	0.00	XX	9	SND	4.52	10.18	-4077.69	-4452.12	1.092

Relazione di calcolo

32	17.51	4.75	YY	13	SND	3.77	3.77	3404.65	3737.45	1.098
-315	17.51	0.59	YY	13	SND	3.77	3.77	-3425.70	-3737.45	1.091
36	4.83	4.75	YY	5	SND	4.52	4.52	4115.75	4459.92	1.084
-211	4.83	4.16	YY	5	SND	4.52	4.52	4008.12	4459.92	1.113

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	Afe S <cmq>	Afe I <cmq>	Afe St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-316	18.33	-0.30	XX	17	SLU	4.52	4.52		3314.16				12927.30	3.901
-321	20.94	-0.30	XX	13	SND	4.52	4.52		9698.91				12927.30	1.333
-176	0.57	-0.30	XX	17	SLU	4.52	4.52		4278.36				12927.30	3.022
-176	0.57	-0.30	XX	5	SND	4.52	4.52		9241.86				12927.30	1.399
34	4.83	-0.30	XX	17	SLU	4.52	10.18		6700.62				13387.60	1.998
-182	3.96	-0.30	XX	5	SND	4.52	10.18		9537.10				12927.30	1.355
-300	21.76	0.59	YY	17	SLU	3.77	3.77		4180.61				12927.30	3.092
-306	21.76	4.16	YY	9	SND	3.77	3.77		6729.47				12927.30	1.921
-183	-0.30	4.16	YY	17	SLU	4.52	4.52		5513.81				12927.30	2.345
-189	-0.30	0.59	YY	9	SND	4.52	4.52		11427.10				12927.30	1.131

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	Afe S <cmq>	Afe I <cmq>	Mom <daNm>	σ _c <daN/cmq>	σ _f <daN/cmq>
-319	19.90	-0.30	XX	18	SLE R	4.52	4.52	-1076.02	14.92	945.69
-319	19.90	-0.30	XX	20	SLE Q	4.52	4.52	-915.29	12.69	804.43
31	17.51	-0.30	XX	18	SLE R	4.52	4.52	1290.85	17.90	1134.51
31	17.51	-0.30	XX	20	SLE Q	4.52	4.52	1016.97	14.10	893.80
36	4.83	4.75	XX	18	SLE R	4.52	4.52	1537.70	21.32	1351.46
36	4.83	4.75	XX	20	SLE Q	4.52	4.52	1199.62	16.63	1054.33
-179	2.27	-0.30	XX	18	SLE R	4.52	4.52	-1504.06	20.85	1321.89
-179	2.27	-0.30	XX	20	SLE Q	4.52	4.52	-1241.20	17.21	1090.87
34	4.83	-0.30	XX	18	SLE R	4.52	10.18	2270.69	22.73	910.74
34	4.83	-0.30	XX	20	SLE Q	4.52	10.18	1764.78	17.66	707.83
29	21.76	4.75	YY	18	SLE R	3.77	3.77	743.25	11.25	779.71
32	17.51	4.75	YY	20	SLE Q	3.77	3.77	643.27	9.73	674.82
-303	21.76	2.38	YY	18	SLE R	3.77	3.77	-1273.39	19.27	1335.86
-303	21.76	2.38	YY	20	SLE Q	3.77	3.77	-1063.44	16.09	1115.61
22	-0.30	4.75	YY	18	SLE R	4.52	4.52	791.74	10.98	695.85
22	-0.30	4.75	YY	20	SLE Q	4.52	4.52	657.67	9.12	578.02
-186	-0.30	2.38	YY	18	SLE R	4.52	4.52	-1601.90	22.21	1407.88
-186	-0.30	2.38	YY	20	SLE Q	4.52	4.52	-1331.59	18.46	1170.32

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
-319	19.90	-0.30	XX	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	804.43	0.23	0.08
-319	19.90	-0.30	XX	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	810.82	0.24	0.08
31	17.51	-0.30	XX	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	893.80	0.26	0.09
31	17.51	-0.30	XX	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	941.46	0.27	0.10
36	4.83	4.75	XX	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1054.33	0.31	0.11
36	4.83	4.75	XX	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1103.26	0.32	0.11
-179	2.27	-0.30	XX	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1090.87	0.32	0.11
-179	2.27	-0.30	XX	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1113.29	0.32	0.11
34	4.83	-0.30	XX	20	SLE Q	24.00	111.11	0.50	12.00	127.58	11.31	750.00	707.83	0.21	0.04
34	4.83	-0.30	XX	19	SLE F	24.00	111.11	0.50	12.00	127.58	11.31	750.00	743.20	0.22	0.05
32	17.51	4.75	YY	20	SLE Q	24.00	300.00	0.50	12.00	231.64	4.90	750.00	674.82	0.20	0.08
32	17.51	4.75	YY	19	SLE F	24.00	300.00	0.50	12.00	231.64	4.90	750.00	673.14	0.20	0.08
-303	21.76	2.38	YY	20	SLE Q	24.00	300.00	0.50	12.00	231.64	4.90	750.00	1115.61	0.32	0.13
-303	21.76	2.38	YY	19	SLE F	24.00	300.00	0.50	12.00	231.64	4.90	750.00	1137.86	0.33	0.13
22	-0.30	4.75	YY	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	578.02	0.17	0.06
22	-0.30	4.75	YY	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	591.66	0.17	0.06
-186	-0.30	2.38	YY	20	SLE Q	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1170.32	0.34	0.12
-186	-0.30	2.38	YY	19	SLE F	24.00	250.00	0.50	12.00	207.16	5.65	750.00	1197.52	0.35	0.12

Stato limite ultimo - Verifiche a punzonamento

Pil	CC	TCC	d <m>	My <daNm>	Mz <daNm>	u ₀ <m>	V _{Ed,red} (u ₀) <daN>	β (u ₀)	v	V _{Ed} (u ₀) <daN/mq>	V _{Ed,max} <daN/mq>	a <m>	u ₁ <m>	V _{Ed,red} (u ₁) <daN>	β (u ₁)	ρ ₁	V _{Ed} (u ₁) <daN/mq>	V _{Ed,c} <daN/mq>	A _{sw} <cmq>	V _{Ed,cs} <daN/mq>	u _{out,ef} <m>
21	1	SND	0.27	3096.46	6244.75	0.75	6771.80	2.35	0.53	78666.70	436465.00	0.38	1.34	5732.50	3.10	1.53	48998.40	68398.20	0.00	0.00	0.00
22	1	SND	0.27	4081.42	8402.14	1.00	6163.14	2.99	0.53	68327.30	436465.00	0.24	1.76	5226.15	5.18	1.53	56955.20	106397.00	0.00	0.00	0.00
23	5	SND	0.27	3607.35	9205.12	1.00	9085.22	2.44	0.53	82235.60	436465.00	0.30	1.93	7977.95	3.57	1.53	54656.60	87052.20	0.00	0.00	0.00
24	9	SND	0.27	3900.88	9621.19	0.75	8439.81	2.63	0.53	109622.00	436465.00	0.38	1.34	7469.42	3.42	2.29	70563.50	68398.20	4.52	102597.00	1.38
29	5	SND	0.27	1517.00	4518.52	0.50	5253.48	2.23	0.53	86697.90	436465.00	0.30	0.97	4708.88	3.16	1.53	57075.90	87052.20	0.00	0.00	0.00
30	5	SND	0.27	2025.06	4205.51	0.75	6794.72	1.93	0.53	64750.00	436465.00	0.27	1.60	5990.71	2.78	1.53	38587.00	95757.50	0.00	0.00	0.00
31	13	SND	0.27	1714.80	5290.43	0.75	5080.49	2.48	0.53	62257.80	436465.00	0.22	1.43	4412.67	4.33	1.53	49561.50	119697.00	0.00	0.00	0.00
32	5	SND	0.27	1244.88	5277.29	0.50	4255.85	2.72	0.53	85882.00	436465.00	0.27	0.92	3706.36	4.33	1.53	64452.60	95757.50	0.00	0.00	0.00

Armatura soletta Copertura

Caratteristiche delle sezioni e dei materiali utilizzati

Spess.	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	TP	Fyk	Fyd
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Relazione di calcolo

<cm>	<cm>	<cm>		<daN/cm>	<daN/cm>	<daN/cm>	<daN/cm>		<daN/cm>	<daN/cm>
20.00	3.00	3.00	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	My	MRdy	Sic.
	<m>	<m>				<cm>	<cm>	<daNm>	<daNm>	
53	17.81	-0.42	XX	17	SLU	7.85	7.85	-393.52	-4979.28	12.653
-400	19.90	-0.42	XX	17	SLU	7.85	7.85	1879.28	4979.28	2.650
-385	12.68	-0.42	XX	17	SLU	5.65	5.65	3004.32	3737.59	1.244
49	9.68	-0.42	XX	17	SLU	5.65	5.65	-3570.24	-3737.59	1.047
113	17.40	4.75	YY	17	SLU	7.85	7.85	-640.29	-4979.28	7.777
-412	17.40	2.38	YY	17	SLU	7.85	7.85	658.64	4979.28	7.560
-433	15.50	2.38	YY	17	SLU	5.65	5.65	680.83	3737.59	5.490
-337	-0.41	4.16	YY	17	SLU	5.65	5.65	-549.40	-3737.59	6.803

Stato limite elastico - Verifiche a flessione/pressoflessione

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	My	M'ydy	Sic.
	<m>	<m>				<cm>	<cm>	<daNm>	<daNm>	
-401	20.42	-0.42	XX	9	SND	7.85	7.85	1639.69	4649.89	2.836
-397	18.33	-0.42	XX	9	SND	7.85	7.85	-1121.16	-4649.89	4.147
-352	1.13	-0.42	XX	1	SND	5.65	5.65	2237.33	3403.68	1.521
49	9.68	-0.42	XX	1	SND	5.65	5.65	-3011.76	-3403.68	1.130
-444	21.59	0.59	YY	5	SND	7.85	7.85	3156.88	4649.89	1.473
-343	-0.41	0.59	YY	13	SND	5.65	5.65	1819.23	3403.68	1.871
-337	-0.41	4.16	YY	13	SND	5.65	5.65	-2437.49	-3403.68	1.396

Stato limite ultimo - Verifiche a taglio

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	AfE St.	Vsdu	ctgθ	VRcd	VRsd	Vrdu	Sic.
	<m>	<m>				<cm>	<cm>	<cmq/m>	<daN>		<daN>	<daN>	<daN>	
-398	18.85	-0.42	XX	17	SLU	7.85	7.85		2768.33				9695.84	3.502
-402	20.94	-0.42	XX	1	SND	7.85	7.85		3811.30				9695.84	2.544
-365	5.10	-0.42	XX	17	SLU	5.65	5.65		5775.29				9070.58	1.571
-357	3.96	-0.42	XX	9	SND	5.65	5.65		5973.46				9070.58	1.518
-449	21.59	3.56	YY	17	SLU	7.85	7.85		2174.85				9695.84	4.458
-444	21.59	0.59	YY	5	SND	7.85	7.85		9400.37				9695.84	1.031
-338	-0.41	3.56	YY	17	SLU	5.65	5.65		1554.50				9070.58	5.835
-337	-0.41	4.16	YY	5	SND	5.65	5.65		3149.96				9070.58	2.880

Stato limite d'esercizio - Verifiche tensionali

Nodo	X	Y	DV	CC	TCC	AfE S	AfE I	Mom	σ _c	σ _f
	<m>	<m>				<cm>	<cm>	<daNm>	<daN/cm>	<daN/cm>
53	17.81	-0.42	XX	18	SLE R	7.85	7.85	-279.41	6.34	234.80
53	17.81	-0.42	XX	20	SLE Q	7.85	7.85	-212.35	4.82	178.45
-400	19.90	-0.42	XX	18	SLE R	7.85	7.85	1376.43	31.24	1156.67
-400	19.90	-0.42	XX	20	SLE Q	7.85	7.85	1060.75	24.08	891.40
-385	12.68	-0.42	XX	18	SLE R	5.65	5.65	2201.75	58.42	2532.27
-385	12.68	-0.42	XX	20	SLE Q	5.65	5.65	1693.73	44.94	1947.99
49	9.68	-0.42	XX	18	SLE R	5.65	5.65	-2599.42	68.97	2989.63
49	9.68	-0.42	XX	20	SLE Q	5.65	5.65	-1995.04	52.93	2294.53
66	21.59	4.75	YY	18	SLE R	7.85	7.85	-478.79	10.87	402.35
66	21.59	4.75	YY	20	SLE Q	7.85	7.85	-415.27	9.43	348.97
-412	17.40	2.38	YY	18	SLE R	7.85	7.85	494.69	11.23	415.71
-412	17.40	2.38	YY	20	SLE Q	7.85	7.85	435.62	9.89	366.07
-433	15.50	2.38	YY	18	SLE R	5.65	5.65	510.10	13.53	586.67
-433	15.50	2.38	YY	20	SLE Q	5.65	5.65	446.76	11.85	513.83
-337	-0.41	4.16	YY	18	SLE R	5.65	5.65	-410.02	10.88	471.57
-337	-0.41	4.16	YY	20	SLE Q	5.65	5.65	-348.93	9.26	401.31

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X	Y	DV	CC	TCC	c	s	K ₂	Φ _{eq}	Δ _{sm}	A _s	A _{c eff}	σ _s	ε _{sm}	W _k
	<m>	<m>				<mm>	<mm>			<mm>	<cm>	<cm>	<daN/cm>		<mm>
53	17.81	-0.42	XX	20	SLE Q	25.00	100.00	0.50	10.00	108.25	8.64	503.28	178.45	0.05	0.01
53	17.81	-0.42	XX	19	SLE F	25.00	100.00	0.50	10.00	108.25	8.64	503.28	188.66	0.05	0.01
-400	19.90	-0.42	XX	20	SLE Q	25.00	100.00	0.50	10.00	108.25	8.64	503.28	891.40	0.26	0.05
-400	19.90	-0.42	XX	19	SLE F	25.00	100.00	0.50	10.00	108.25	8.64	503.28	924.56	0.27	0.05
-385	12.68	-0.42	XX	20	SLE Q	24.00	200.00	0.50	12.00	140.13	6.79	520.99	1947.99	0.57	0.14
-385	12.68	-0.42	XX	19	SLE F	24.00	200.00	0.50	12.00	140.13	6.79	520.99	2020.53	0.59	0.14
49	9.68	-0.42	XX	20	SLE Q	24.00	200.00	0.50	12.00	140.13	6.79	520.99	2294.53	0.67	0.16
49	9.68	-0.42	XX	19	SLE F	24.00	200.00	0.50	12.00	140.13	6.79	520.99	2387.45	0.70	0.17
66	21.59	4.75	YY	20	SLE Q	25.00	100.00	0.50	10.00	108.25	8.64	503.28	348.97	0.10	0.02
66	21.59	4.75	YY	19	SLE F	25.00	100.00	0.50	10.00	108.25	8.64	503.28	355.17	0.10	0.02
-412	17.40	2.38	YY	20	SLE Q	25.00	100.00	0.50	10.00	108.25	8.64	503.28	366.07	0.11	0.02
-412	17.40	2.38	YY	19	SLE F	25.00	100.00	0.50	10.00	108.25	8.64	503.28	371.94	0.11	0.02
-433	15.50	2.38	YY	20	SLE Q	24.00	200.00	0.50	12.00	140.13	6.79	520.99	513.83	0.15	0.04
-433	15.50	2.38	YY	19	SLE F	24.00	200.00	0.50	12.00	140.13	6.79	520.99	522.86	0.15	0.04
-337	-0.41	4.16	YY	20	SLE Q	24.00	200.00	0.50	12.00	140.13	6.79	520.99	401.31	0.12	0.03
-337	-0.41	4.16	YY	19	SLE F	24.00	200.00	0.50	12.00	140.13	6.79	520.99	409.80	0.12	0.03

