



जवाहरलाल नेहरू पोर्ट ट्रस्ट JAWAHARLAL NEHRU PORT TRUST

ISO 9001 : 2015
ISO 14001 : 2015
ISO 27001 : 2015
OHSAS 18001:2007

पत्तन कार्यालय : प्रशासन भवन, शेवा, नवी मुंबई - 400 707. Post Office : Administrative Bldg., Sheva, Navi Mumbai - 400 707.
मुख्य सतर्कता अधिकारी Chief Vigilance Officer- (022) 2724 2292; मुख्य प्रबंधक (प्रशासन) एवं सचिव Chief Manager (Admn.) & Secy-(022) 2724 2233;
मुख्य प्रबंधक (यातायात) Chief Manager (Traffic) - (022) 2724 2377; मुख्य प्रबंधक (यां.एव.वि.अ) Chief Manager (M&EE) - (022) 2724 2218;
मुख्य प्रबंधक (वित्त) Chief Manager (Fin) - (022) 2724 2241; मुख्य प्रबंधक (प.यो.वि) Chief Manager (PP&D) - (022) 2724 2326
उप-संरक्षक Dy. Conservator (022) 2724 2301; हार्बर मास्टर - (022) 2724 4173.
Website : www.jnport.gov.in E-mail : info@jnport.gov.in

JNP/Marine/DC/Nav.Safety/2021/958

10th December, 2021

LOCAL NOTICE TO MARINERS NO. 5/2021

Sub: Mumbai Trans Harbour Link Project (Package 2) progress report.

The Contractor, Daewoo E&C – Tata Project Ltd. JV (DTJV), is executing the Prestigious Mumbai Trans Harbour Link Project (Package 2) awarded by the MMRDA and accordingly the works are in progress.

The work is continuing at multiple locations in the Marine area and accordingly, several marine fleets have been deployed at Project site. These Marine fleets are anchored within the ROW of the Project i.e. 500m wide (250m on each side from the centerline of the project).

The details of the ROW (co-ordinates) and updated details of Pile Location (co-ordination of the Project (in Marine Zone) are attached for reference.

All concerned hereby are advised to also refer Local Notice to Mariners No.2/2021 issued on 1st April, 2021 for necessary information (copy attached).

The following Navigation charts will be affected.

Chart No. 2123 : Ulwa Channel, Ambuja Ulwa Jetty
Chart No. 2076(INT 7738) : JN Port & Trombay


Deputy Conservator

To

1. Ship Owners/Masters/Agents
2. MANSA/CSLA/INSA
3. ONGC Nhava Base
4. Gujarat Ambuja Cement
5. Dy.Conservator, MbPT
6. DG Shipping
7. Maharashtra Maritime Board
8. Department of Fisheries
9. National Hydrographic Office, Dehradun
10. Sr.Commandant(CISF) - with a request to sensitize the local fishing community.
11. Asstt.Manager(Mktg.) - for uploading on JNP Website.

DAEWOO-TPL JV

C/O TATA Projects Limited, 11th Floor, Hiranandani Knowledge Park, Technology Street, Powai, Mumbai-400 076, India

Ref: MTHL/DW-TPL/JNPT/LT/LIA/2021-3499

Date: 06 Dec 2021

To, : **Deputy Conservator,**
Jawaharlal Nehru Port Trust
Port Office: Administration Building,
Sheva, Navi Mumbai-400 707

Project : Procurement of Mumbai Trans Harbour Link Project (Package 2) Construction of 7.807km long bridge section (CH 10+380-CH 18+187) across Mumbai Bay including Shivaji Nagar Interchange

Subject : Request to issue necessary instructions/Navigation warning/Notice to all the concerned Authorities/vessel owners

Ref. : 1. Contract Agreement no. MMRDA/ENG1/00753 dated 19-01-2018
2. Contractor's letter no. MTHL/DW-TPL/JNPT/LT/PJC/2020-2186 dated 14-10-2020
3. Contractor's letter no. MTHL/DW-TPL/JNPT/LT/LIA/2021-2646 dated 12-03-2021

Dear Sir,

1. The Contractor, Daewoo E&C - Tata Project Ltd. JV (DTJV), is executing the Prestigious Mumbai Trans Harbour Link Project (Package 2), awarded by the MMRDA (Employer) and accordingly the works are in progress.
2. DTJV would like to inform that, DTJV is working at multiple locations in the Marine area and accordingly several marine fleets have been deployed at Project site. These Marine fleets are anchored within the ROW of the Project i.e 500m wide (250m on each side from the centreline of the Project).
3. Further, DTJV would like to bring to your notice that several other vessels (including floating dry dock) often navigate near the Project ROW or passes through the ROW (between the Project Works). This is a matter of grave concern, as movement of such other Vessels may damage the Project Works as well there is a risk of damage to the Vessels.
4. Accordingly, as informed previously, we again request you to issue necessary Navigation warning/notice to all the concerned Authorities/vessel owners to accordingly use the Ulwe Channel between the Project Works. DTJV is also submitting herewith the details of ROW (co-ordinates) and updated details of Pile location (co-ordinates) of the Project (in Marine Zone).
5. This is for your records and needful actions.

Yours truly,
For Daewoo-TPL JV


Min Geun KIM / Project Director

DAEWOO-TPL JV

C/O TATA Projects Limited, 11th Floor, Hiranandani Knowledge Park, Technology Street, Powai, Mumbai-400 076, India

Ref: MTHL/DW-TPL/JNPT/LT/LIA/2021-3499 dated 06-Dec-2021

Encl: 1) Annexure A - Details of ROW (co-ordinates) and updated details of Pile location (co-ordinates) of the Project

CC: 1. Mr. S.A Wandhekar, Engineer-In-Chief, MMRDA
2. Mr. Yatin Sakhalkar, Superintendent Engineer, MMRDA
3. Mr. A.R. Bhisikar, Executive Engineer, MMRDA
4. Dr. Sham, Siu hung Robin, The Engineer, General Consultant (MTHL)
5. Mr. Hohsing Lee, PE, SE, Resident Engineer, General Consultant (MTHL)
6. General Manager Marine, Ambuja Cement, Ulwa Retibander

ANNEXURE-A

DETAILS OF ROW (Co-ordinates)

Id	Latitude	Longitude	REMARKS
0	18.983464	72.991165	LHS
1	18.984036	72.990429	LHS
2	18.984607	72.989694	LHS
3	18.985178	72.988959	LHS
4	18.98574	72.988215	LHS
5	18.986286	72.987459	LHS
6	18.986816	72.98669	LHS
7	18.987329	72.985908	LHS
8	18.987825	72.985115	LHS
9	18.988304	72.98431	LHS
10	18.988766	72.983494	LHS
11	18.98921	72.982667	LHS
12	18.989636	72.98183	LHS
13	18.990044	72.980983	LHS
14	18.990435	72.980126	LHS
15	18.990806	72.979261	LHS
16	18.991159	72.978387	LHS
17	18.991494	72.977505	LHS
18	18.991809	72.976615	LHS
19	18.992106	72.975718	LHS
20	18.992383	72.974815	LHS
21	18.99264	72.973905	LHS
22	18.992879	72.972989	LHS
23	18.993097	72.972067	LHS
24	18.993296	72.971141	LHS
25	18.993475	72.97021	LHS
26	18.993634	72.969276	LHS
27	18.993773	72.968337	LHS
28	18.993891	72.967396	LHS
29	18.99399	72.966452	LHS
30	18.994069	72.965506	LHS
31	18.994127	72.964559	LHS
32	18.994165	72.96361	LHS
33	18.994183	72.962661	LHS
34	18.99418	72.961711	LHS
35	18.994157	72.960762	LHS
36	18.994114	72.959814	LHS
37	18.99405	72.958863	LHS
38	18.993968	72.957921	LHS
39	18.99388	72.956976	LHS
40	18.993793	72.956031	LHS
41	18.993706	72.955086	LHS
42	18.993618	72.954141	LHS
43	18.993531	72.953195	LHS
44	18.993444	72.95225	LHS
45	18.993356	72.951305	LHS

46	18.993269	72.95036	LHS	
47	284282.1658	2100841.701	RHS	
48	284381.8028	2100850.214	RHS	
49	284481.4398	2100858.726	RHS	
50	284581.0768	2100867.239	RHS	
51	284680.7138	2100875.751	RHS	
52	284780.3509	2100884.264	RHS	
53	284879.9879	2100892.777	RHS	
54	284979.6249	2100901.289	RHS	
55	285079.2619	2100909.802	RHS	
56	285178.9581	2100917.564	RHS	
57	285278.8147	2100922.867	RHS	
58	285378.7736	2100925.641	RHS	
59	285478.7706	2100925.883	RHS	
60	285578.7417	2100923.594	RHS	
61	285678.6229	2100918.775	RHS	
62	285778.35	2100911.429	RHS	
63	285877.8593	2100901.561	RHS	
64	285977.0868	2100889.177	RHS	
65	286075.9691	2100874.285	RHS	
66	286174.4427	2100856.895	RHS	
67	286272.4446	2100837.018	RHS	
68	286369.9119	2100814.667	RHS	
69	286466.7821	2100789.855	RHS	
70	286562.9933	2100762.599	RHS	
71	286658.4836	2100732.916	RHS	
72	286753.192	2100700.826	RHS	
73	286847.0577	2100666.349	RHS	
74	286940.0206	2100629.506	RHS	
75	287032.0211	2100590.322	RHS	
76	287123.0002	2100548.822	RHS	
77	287212.8996	2100505.032	RHS	
78	287301.6617	2100458.98	RHS	
79	287389.2296	2100410.697	RHS	
80	287475.5473	2100360.212	RHS	
81	287560.5593	2100307.558	RHS	
82	287644.2112	2100252.769	RHS	
83	287726.4493	2100195.88	RHS	
84	287807.2211	2100136.927	RHS	
85	287886.4747	2100075.949	RHS	
86	287964.1592	2100012.984	RHS	
87	288040.8852	2099948.851	RHS	
88	288117.6026	2099884.707	RHS	

ANNEXURE-A

Updated Details of Pile Co-ordinates

Id	Latitude	Longitude	Remarks
MP148A-LHS-P1	18.991149	72.950935	
MP148A-LHS-P2	18.991095	72.950941	
MP148A-LHS-P3	18.99109	72.950884	
MP148A-LHS-P4	18.991144	72.950879	
MP148A-RHS-P1	18.991013	72.950949	
MP148A-RHS-P2	18.990959	72.950955	
MP148A-RHS-P3	18.990954	72.950898	
MP148A-RHS-P4	18.991008	72.950893	
MP148B-LHS-P1	18.991202	72.951502	
MP148B-LHS-P2	18.991148	72.951508	
MP148B-LHS-P3	18.991142	72.951451	
MP148B-LHS-P4	18.991196	72.951446	
MP148B-RHS-P1	18.991066	72.951516	
MP148B-RHS-P2	18.991012	72.951522	
MP148B-RHS-P3	18.991006	72.951465	
MP148B-RHS-P4	18.99106	72.95146	
MP149-LHS-P1	18.991254	72.95207	
MP149-LHS-P2	18.9912	72.952075	
MP149-LHS-P3	18.991195	72.952018	
MP149-LHS-P4	18.991249	72.952013	
MP149-RHS-P1	18.991118	72.952083	
MP149-RHS-P2	18.991064	72.952089	
MP149-RHS-P3	18.991059	72.952032	
MP149-RHS-P4	18.991113	72.952027	
MP150-LHS-P1	18.991306	72.952637	
MP150-LHS-P2	18.991252	72.952642	
MP150-LHS-P3	18.991247	72.952585	
MP150-LHS-P4	18.991301	72.95258	
MP150-RHS-P1	18.99117	72.95265	
MP150-RHS-P2	18.991117	72.952656	
MP150-RHS-P3	18.991111	72.952599	
MP150-RHS-P4	18.991165	72.952594	
MP151-LHS-P1	18.991359	72.953204	
MP151-LHS-P2	18.991305	72.953209	
MP151-LHS-P3	18.9913	72.953152	
MP151-LHS-P4	18.991354	72.953147	
MP151-RHS-P1	18.991223	72.953217	
MP151-RHS-P2	18.991169	72.953223	
MP151-RHS-P3	18.991164	72.953166	
MP151-RHS-P4	18.991218	72.953161	
MP152-LHS-P1	18.991411	72.953771	
MP152-LHS-P2	18.991357	72.953776	
MP152-LHS-P3	18.991352	72.953719	
MP152-LHS-P4	18.991406	72.953714	
MP152-RHS-P1	18.991275	72.953785	
MP152-RHS-P2	18.991221	72.95379	

MP152-RHS-P3	18.991216	72.953733	
MP152-RHS-P4	18.99127	72.953728	
MP153-LHS-P1	18.991464	72.954338	
MP153-LHS-P2	18.99141	72.954343	
MP153-LHS-P3	18.991404	72.954286	
MP153-LHS-P4	18.991458	72.954281	
MP153-RHS-P1	18.991328	72.954352	
MP153-RHS-P2	18.991274	72.954357	
MP153-RHS-P3	18.991268	72.9543	
MP153-RHS-P4	18.991322	72.954295	
MP154-LHS-P1	18.991516	72.954905	
MP154-LHS-P2	18.991462	72.95491	
MP154-LHS-P3	18.991457	72.954854	
MP154-LHS-P4	18.991511	72.954848	
MP154-RHS-P1	18.99138	72.954919	
MP154-RHS-P2	18.991326	72.954924	
MP154-RHS-P3	18.991321	72.954867	
MP154-RHS-P4	18.991375	72.954862	
MP155-LHS-P1	18.991568	72.955472	
MP155-LHS-P2	18.991514	72.955477	
MP155-LHS-P3	18.991509	72.955421	
MP155-LHS-P4	18.991563	72.955415	
MP155-RHS-P1	18.991432	72.955486	
MP155-RHS-P2	18.991379	72.955491	
MP155-RHS-P3	18.991373	72.955434	
MP155-RHS-P4	18.991427	72.955429	
MP156-LHS-P1	18.991621	72.956039	
MP156-LHS-P2	18.991567	72.956044	
MP156-LHS-P3	18.991562	72.955988	
MP156-LHS-P4	18.991616	72.955982	
MP156-RHS-P1	18.991485	72.956053	
MP156-RHS-P2	18.991431	72.956058	
MP156-RHS-P3	18.991426	72.956002	
MP156-RHS-P4	18.99148	72.955996	
MP156-SS-L-P1	18.991697	72.956002	
MP156-SS-R-P1	18.991349	72.956038	
MP157-LHS-P1	18.991673	72.956606	
MP157-LHS-P2	18.991619	72.956611	
MP157-LHS-P3	18.991614	72.956555	
MP157-LHS-P4	18.991668	72.956549	
MP157-RHS-P1	18.991537	72.95662	
MP157-RHS-P2	18.991483	72.956625	
MP157-RHS-P3	18.991478	72.956569	
MP157-RHS-P4	18.991532	72.956563	
MP158-LHS-P1	18.991726	72.957173	
MP158-LHS-P2	18.991672	72.957178	
MP158-LHS-P3	18.991666	72.957122	
MP158-LHS-P4	18.99172	72.957116	
MP158-RHS-P1	18.99159	72.957187	
MP158-RHS-P2	18.991536	72.957192	

MP158-RHS-P3	18.991531	72.957136	
MP158-RHS-P4	18.991584	72.95713	
MP159-LHS-P1	18.991778	72.95774	
MP159-LHS-P2	18.991724	72.957745	
MP159-LHS-P3	18.991719	72.957689	
MP159-LHS-P4	18.991773	72.957683	
MP159-RHS-P1	18.991642	72.957754	
MP159-RHS-P2	18.991588	72.957759	
MP159-RHS-P3	18.991583	72.957703	
MP159-RHS-P4	18.991637	72.957697	
MP160-LHS-P1	18.99183	72.958307	
MP160-LHS-P2	18.991776	72.958313	
MP160-LHS-P3	18.991771	72.958256	
MP160-LHS-P4	18.991825	72.95825	
MP160-RHS-P1	18.991694	72.958321	
MP160-RHS-P2	18.991641	72.958326	
MP160-RHS-P3	18.991635	72.95827	
MP160-RHS-P4	18.991689	72.958264	
MP161-LHS-P1	18.991881	72.958875	
MP161-LHS-P2	18.991827	72.95888	
MP161-LHS-P3	18.991822	72.958823	
MP161-LHS-P4	18.991876	72.958819	
MP161-RHS-P1	18.991745	72.958888	
MP161-RHS-P2	18.991691	72.958893	
MP161-RHS-P3	18.991686	72.958836	
MP161-RHS-P4	18.99174	72.958831	
MP162-LHS-P1	18.991923	72.959445	
MP162-LHS-P2	18.991869	72.959449	
MP162-LHS-P3	18.991866	72.959392	
MP162-LHS-P4	18.99192	72.959388	
MP162-RHS-P1	18.991787	72.959455	
MP162-RHS-P2	18.991733	72.959459	
MP162-RHS-P3	18.991729	72.959402	
MP162-RHS-P4	18.991783	72.959398	
MP163-LHS-P1	18.991959	72.960015	
MP163-LHS-P2	18.991904	72.960018	
MP163-LHS-P3	18.991901	72.959961	
MP163-LHS-P4	18.991955	72.959958	
MP163-RHS-P1	18.991822	72.960023	
MP163-RHS-P2	18.991768	72.960026	
MP163-RHS-P3	18.991765	72.959969	
MP163-RHS-P4	18.991819	72.959966	
MP164-LHS-P1	18.991986	72.960585	
MP164-LHS-P2	18.991932	72.960588	
MP164-LHS-P3	18.991929	72.960531	
MP164-LHS-P4	18.991983	72.960528	
MP164-RHS-P1	18.991849	72.960591	
MP164-RHS-P2	18.991795	72.960594	
MP164-RHS-P3	18.991793	72.960537	
MP164-RHS-P4	18.991847	72.960534	

MP165-LHS-P1	18.992005	72.961156	
MP165-LHS-P2	18.991951	72.961158	
MP165-LHS-P3	18.99195	72.961101	
MP165-LHS-P4	18.992004	72.961099	
MP165-RHS-P1	18.991869	72.96116	
MP165-RHS-P2	18.991815	72.961162	
MP165-RHS-P3	18.991813	72.961105	
MP165-RHS-P4	18.991867	72.961103	
MP166-LHS-P1	18.992017	72.961727	
MP166-LHS-P2	18.991963	72.961728	
MP166-LHS-P3	18.991962	72.961671	
MP166-LHS-P4	18.992016	72.96167	
MP166-RHS-P1	18.991881	72.961729	
MP166-RHS-P2	18.991826	72.96173	
MP166-RHS-P3	18.991826	72.961673	
MP166-RHS-P4	18.99188	72.961672	
MP167-LHS-P1	18.992021	72.962227	
MP167-LHS-P2	18.991967	72.962227	
MP167-LHS-P3	18.991967	72.96217	
MP167-LHS-P4	18.992021	72.96217	
MP167-RHS-P1	18.991885	72.962289	
MP167-RHS-P2	18.99183	72.962289	
MP167-RHS-P3	18.99183	72.962232	
MP167-RHS-P4	18.991885	72.962232	
MP168-LHS-P1	18.992019	72.962726	
MP168-LHS-P2	18.991965	72.962726	
MP168-LHS-P3	18.991965	72.962669	
MP168-LHS-P4	18.99202	72.962669	
MP168-RHS-P1	18.991881	72.962848	
MP168-RHS-P2	18.991827	72.962848	
MP168-RHS-P3	18.991828	72.962791	
MP168-RHS-P4	18.991882	72.962791	
MP169-LHS-P1	18.992011	72.963226	
MP169-LHS-P2	18.991957	72.963225	
MP169-LHS-P3	18.991958	72.963168	
MP169-LHS-P4	18.992012	72.963169	
MP169-RHS-P1	18.99187	72.963408	
MP169-RHS-P2	18.991816	72.963406	
MP169-RHS-P3	18.991817	72.963349	
MP169-RHS-P4	18.991872	72.963351	
MP170-LHS-P1	18.991997	72.963726	
MP170-LHS-P2	18.991943	72.963724	
MP170-LHS-P3	18.991945	72.963667	
MP170-LHS-P4	18.991999	72.963669	
MP170-RHS-P1	18.991852	72.963967	
MP170-RHS-P2	18.991798	72.963965	
MP170-RHS-P3	18.9918	72.963908	
MP170-RHS-P4	18.991854	72.96391	
MP171-L-P1	18.99201	72.964131	
MP171-L-P2	18.991985	72.964182	

MP171-L-P3	18.991961	72.964232	
MP171-L-P4	18.991896	72.964241	
MP171-L-P5	18.991921	72.96419	
MP171-L-P6	18.991945	72.964139	
MP171-R-P1	18.991857	72.964431	
MP171-R-P2	18.991832	72.964482	
MP171-R-P3	18.991808	72.964533	
MP171-R-P4	18.991743	72.964541	
MP171-R-P5	18.991768	72.964491	
MP171-R-P6	18.991792	72.96444	
MP172-L-P1	18.991937	72.965331	
MP172-L-P2	18.991914	72.965383	
MP172-L-P3	18.991891	72.965435	
MP172-L-P4	18.991827	72.965445	
MP172-L-P5	18.99185	72.965394	
MP172-L-P6	18.991872	72.965342	
MP172-R-P1	18.991766	72.965719	
MP172-R-P2	18.991745	72.965772	
MP172-R-P3	18.991723	72.965824	
MP172-R-P4	18.991659	72.965836	
MP172-R-P5	18.991681	72.965784	
MP172-R-P6	18.991702	72.965732	
MP173-L-P1	18.991867	72.966154	
MP173-L-P2	18.991845	72.966206	
MP173-L-P3	18.991824	72.966259	
MP173-L-P4	18.99176	72.966271	
MP173-L-P5	18.991781	72.966219	
MP173-L-P6	18.991802	72.966166	
MP173-R-P1	18.991684	72.966607	
MP173-R-P2	18.991661	72.966659	
MP173-R-P3	18.991639	72.966711	
MP173-R-P4	18.991575	72.966722	
MP173-R-P5	18.991597	72.96667	
MP173-R-P6	18.99162	72.966618	
MP173A-L-P1	18.991717	72.967228	
MP173A-L-P2	18.991685	72.967306	
MP173A-R-P1	18.991523	72.96767	
MP173A-R-P2	18.99149	72.967748	
MP174-L-P1	18.991594	72.968175	
MP174-L-P2	18.991561	72.968253	
MP174-R-P1	18.99138	72.968673	
MP174-R-P2	18.991347	72.96875	
MP175-L-P1	18.991454	72.969314	
MP175-L-P2	18.991429	72.969365	
MP175-L-P3	18.991404	72.969415	
MP175-L-P4	18.991339	72.969423	
MP175-L-P5	18.991364	72.969372	
MP175-L-P6	18.991389	72.969321	
MP175-R-P1	18.991238	72.96974	
MP175-R-P2	18.991213	72.96979	

MP175-R-P3	18.991188	72.969841	
MP175-R-P4	18.991124	72.969848	
MP175-R-P5	18.991149	72.969798	
MP175-R-P6	18.991174	72.969747	
MP176-L-P1	18.991232	72.970555	
MP176-L-P2	18.991221	72.970611	
MP176-L-P3	18.991168	72.970599	
MP176-L-P4	18.991114	72.970587	
MP176-L-P5	18.991126	72.970531	
MP176-L-P6	18.991179	72.970543	
MP176-R-P1	18.991061	72.970701	
MP176-R-P2	18.991049	72.970757	
MP176-R-P3	18.990997	72.970745	
MP176-R-P4	18.990944	72.970733	
MP176-R-P5	18.990955	72.970678	
MP176-R-P6	18.991008	72.970689	
MP177-L-P1	18.991049	72.971293	
MP177-L-P2	18.990996	72.97128	
MP177-L-P3	18.991009	72.971224	
MP177-L-P4	18.991061	72.971237	
MP177-R-P1	18.990914	72.97126	
MP177-R-P2	18.990862	72.971247	
MP177-R-P3	18.990874	72.971192	
MP177-R-P4	18.990927	72.971205	
MP178-L-P1	18.990846	72.972171	
MP178-L-P2	18.990794	72.972157	
MP178-L-P3	18.990807	72.972102	
MP178-L-P4	18.99086	72.972116	
MP178-R-P1	18.990712	72.972136	
MP178-R-P2	18.99066	72.972122	
MP178-R-P3	18.990673	72.972066	
MP178-R-P4	18.990726	72.97208	
MP179-L-P1	18.990625	72.973045	
MP179-L-P2	18.990572	72.97303	
MP179-L-P3	18.990587	72.972975	
MP179-L-P4	18.990639	72.97299	
MP179-R-P1	18.990492	72.973006	
MP179-R-P2	18.990439	72.972991	
MP179-R-P3	18.990454	72.972936	
MP179-R-P4	18.990506	72.972951	
MP180-L-P1	18.990384	72.973913	
MP180-L-P2	18.990332	72.973897	
MP180-L-P3	18.990348	72.973842	
MP180-L-P4	18.9904	72.973859	
MP180-R-P1	18.990252	72.973871	
MP180-R-P2	18.9902	72.973855	
MP180-R-P3	18.990216	72.9738	
MP180-R-P4	18.990268	72.973817	
MP181-L-P1	18.990125	72.974776	
MP181-L-P2	18.990074	72.974758	

MP181-L-P3	18.990091	72.974704	
MP181-L-P4	18.990142	72.974722	
MP181-R-P1	18.989994	72.974731	
MP181-R-P2	18.989942	72.974713	
MP181-R-P3	18.989959	72.974659	
MP181-R-P4	18.990011	72.974676	
MP182-L-P1	18.989937	72.975362	
MP182-L-P2	18.989886	72.975344	
MP182-L-P3	18.989904	72.97529	
MP182-L-P4	18.989955	72.975308	
MP182-R-P1	18.989807	72.975315	
MP182-R-P2	18.989755	72.975296	
MP182-R-P3	18.989773	72.975242	
MP182-R-P4	18.989824	72.975261	
MP183-L-P1	18.989578	72.976395	
MP183-L-P2	18.98955	72.976346	
MP183-L-P3	18.989522	72.976298	
MP183-L-P4	18.989577	72.976262	
MP183-L-P5	18.989605	72.976311	
MP183-L-P6	18.989633	72.976359	
MP183-R-P1	18.989486	72.976237	
MP183-R-P2	18.989458	72.976189	
MP183-R-P3	18.98943	72.97614	
MP183-R-P4	18.989485	72.976105	
MP183-R-P5	18.989514	72.976153	
MP183-R-P6	18.989542	72.976202	
MP184-L-P1	18.988971	72.977985	
MP184-L-P2	18.988945	72.977935	
MP184-L-P3	18.988919	72.977885	
MP184-L-P4	18.988976	72.977852	
MP184-L-P5	18.989002	72.977902	
MP184-L-P6	18.989028	72.977952	
MP184-R-P1	18.988886	72.977823	
MP184-R-P2	18.98886	72.977773	
MP184-R-P3	18.988834	72.977724	
MP184-R-P4	18.98889	72.977691	
MP184-R-P5	18.988917	72.97774	
MP184-R-P6	18.988943	72.97779	
MP185-L-P1	18.9883	72.979546	
MP185-L-P2	18.988276	72.979495	
MP185-L-P3	18.988252	72.979444	
MP185-L-P4	18.98831	72.979413	
MP185-L-P5	18.988334	72.979465	
MP185-L-P6	18.988358	72.979516	
MP185-R-P1	18.988221	72.979381	
MP185-R-P2	18.988197	72.97933	
MP185-R-P3	18.988173	72.979279	
MP185-R-P4	18.988231	72.979248	
MP185-R-P5	18.988255	72.979299	
MP185-R-P6	18.98828	72.97935	

MP186-L-P1	18.987912	72.980384	
MP186-L-P2	18.987864	72.980358	
MP186-L-P3	18.987888	72.980307	
MP186-L-P4	18.987937	72.980333	
MP186-R-P1	18.987789	72.980318	
MP186-R-P2	18.987741	72.980293	
MP186-R-P3	18.987765	72.980242	
MP186-R-P4	18.987813	72.980267	
MP187-LHS-P1	18.987668	72.980879	
MP187-LHS-P2	18.98762	72.980853	
MP187-LHS-P3	18.987645	72.980802	
MP187-LHS-P4	18.987693	72.980829	
MP187-RHS-P1	18.987547	72.980813	
MP187-RHS-P2	18.987499	72.980786	
MP187-RHS-P3	18.987525	72.980736	
MP187-RHS-P4	18.987573	72.980762	
MP188-LHS-P1	18.987412	72.981383	
MP188-LHS-P2	18.987365	72.981356	
MP188-LHS-P3	18.987391	72.981306	
MP188-LHS-P4	18.987438	72.981333	
MP188-RHS-P1	18.987292	72.981315	
MP188-RHS-P2	18.987245	72.981287	
MP188-RHS-P3	18.987271	72.981237	
MP188-RHS-P4	18.987318	72.981265	
MP189-LHS-P1	18.98715	72.981883	
MP189-LHS-P2	18.987103	72.981855	
MP189-LHS-P3	18.987129	72.981805	
MP189-LHS-P4	18.987176	72.981833	
MP189-RHS-P1	18.987031	72.981813	
MP189-RHS-P2	18.986983	72.981785	
MP189-RHS-P3	18.98701	72.981735	
MP189-RHS-P4	18.987057	72.981763	
MP190-LHS-P1	18.98688	72.982379	
MP190-LHS-P2	18.986833	72.98235	
MP190-LHS-P3	18.986861	72.982301	
MP190-LHS-P4	18.986908	72.98233	
MP190-RHS-P1	18.986762	72.982307	
MP190-RHS-P2	18.986715	72.982278	
MP190-RHS-P3	18.986743	72.982229	
MP190-RHS-P4	18.986789	72.982258	
MP191-LHS-P1	18.986604	72.982871	
MP191-LHS-P2	18.986558	72.982842	
MP191-LHS-P3	18.986586	72.982793	
MP191-LHS-P4	18.986632	72.982822	
MP191-RHS-P1	18.986487	72.982797	
MP191-RHS-P2	18.986441	72.982768	
MP191-RHS-P3	18.986468	72.982719	
MP191-RHS-P4	18.986515	72.982748	
MP191-SS-L-P1	18.986686	72.982889	
MP191-SS-R-P1	18.986386	72.9827	

MP192-LHS-P1	18.986321	72.983358	
MP192-LHS-P2	18.986275	72.983328	
MP192-LHS-P3	18.986304	72.98328	
MP192-LHS-P4	18.98635	72.98331	
MP192-RHS-P1	18.986205	72.983283	
MP192-RHS-P2	18.986159	72.983253	
MP192-RHS-P3	18.986188	72.983204	
MP192-RHS-P4	18.986234	72.983234	
MP193-LHS-P1	18.986032	72.983842	
MP193-LHS-P2	18.985986	72.983811	
MP193-LHS-P3	18.986015	72.983763	
MP193-LHS-P4	18.986061	72.983794	
MP193-RHS-P1	18.985917	72.983765	
MP193-RHS-P2	18.985871	72.983734	
MP193-RHS-P3	18.9859	72.983686	
MP193-RHS-P4	18.985946	72.983717	
MP193-RS-P1	18.98613	72.983874	
MP193-RS-P2	18.986076	72.983871	
MP193-RS-P3	18.986105	72.983823	
MP194-LHS-P1	18.985736	72.984321	
MP194-LHS-P2	18.985691	72.984289	
MP194-LHS-P3	18.985721	72.984242	
MP194-LHS-P4	18.985766	72.984273	
MP194-RHS-P1	18.985622	72.984242	
MP194-RHS-P2	18.985577	72.98421	
MP194-RHS-P3	18.985607	72.984163	
MP194-RHS-P4	18.985652	72.984194	
MP194-RS-P2	18.98578	72.984351	
MP194-RS-P3	18.985809	72.984303	
MP195-LHS-P1	18.985434	72.984795	
MP195-LHS-P2	18.985389	72.984763	
MP195-LHS-P3	18.985419	72.984716	
MP195-LHS-P4	18.985464	72.984748	
MP195-RHS-P1	18.985321	72.984715	
MP195-RHS-P2	18.985276	72.984683	
MP195-RHS-P3	18.985306	72.984635	
MP195-RHS-P4	18.985351	72.984667	
MP196-LHS-P1	18.985125	72.985265	
MP196-LHS-P2	18.98508	72.985232	
MP196-LHS-P3	18.985111	72.985186	
MP196-LHS-P4	18.985156	72.985218	
MP196-RHS-P1	18.985013	72.985183	
MP196-RHS-P2	18.984968	72.98515	
MP196-RHS-P3	18.985	72.985103	
MP196-RHS-P4	18.985044	72.985136	
MP197-LHS-P1	18.98481	72.98573	
MP197-LHS-P2	18.984766	72.985697	
MP197-LHS-P3	18.984797	72.985651	
MP197-LHS-P4	18.984841	72.985684	
MP197-RHS-P1	18.984699	72.985646	

MP197-RHS-P2	18.984655	72.985613	
MP197-RHS-P3	18.984687	72.985567	
MP197-RHS-P4	18.984731	72.9856	
MP198-LHS-P1	18.984488	72.986191	
MP198-LHS-P2	18.984445	72.986157	
MP198-LHS-P3	18.984477	72.986111	
MP198-LHS-P4	18.98452	72.986145	
MP198-RHS-P1	18.984378	72.986105	
MP198-RHS-P2	18.984335	72.986071	
MP198-RHS-P3	18.984367	72.986025	
MP198-RHS-P4	18.984411	72.986059	
MP199-LHS-P1	18.98416	72.986646	
MP199-LHS-P2	18.984117	72.986612	
MP199-LHS-P3	18.98415	72.986566	
MP199-LHS-P4	18.984193	72.986601	
MP199-RHS-P1	18.984052	72.986559	
MP199-RHS-P2	18.984009	72.986524	
MP199-RHS-P3	18.984042	72.986479	
MP199-RHS-P4	18.984085	72.986514	
MP200-LHS-P1	18.983826	72.987097	
MP200-LHS-P2	18.983784	72.987061	
MP200-LHS-P3	18.983817	72.987017	
MP200-LHS-P4	18.98386	72.987052	
MP200-RHS-P1	18.983719	72.987008	
MP200-RHS-P2	18.983677	72.986973	
MP200-RHS-P3	18.98371	72.986928	
MP200-RHS-P4	18.983753	72.986963	
MP201-LHS-P1	18.983486	72.987542	
MP201-LHS-P2	18.983444	72.987506	
MP201-LHS-P3	18.983479	72.987462	
MP201-LHS-P4	18.983521	72.987498	
MP201-RHS-P1	18.98338	72.987452	
MP201-RHS-P2	18.983338	72.987416	
MP201-RHS-P3	18.983373	72.987372	
MP201-RHS-P4	18.983415	72.987408	
MP202-LHS-P1	18.983143	72.987984	
MP202-LHS-P2	18.983102	72.987948	
MP202-LHS-P3	18.983136	72.987904	
MP202-LHS-P4	18.983178	72.98794	
MP202-RHS-P1	18.983038	72.987893	
MP202-RHS-P2	18.982996	72.987857	
MP202-RHS-P3	18.98303	72.987813	
MP202-RHS-P4	18.983072	72.987849	
MP203-LHS-P1	18.982801	72.988425	
MP203-LHS-P2	18.982759	72.988389	
MP203-LHS-P3	18.982793	72.988345	
MP203-LHS-P4	18.982835	72.988381	
MP203-RHS-P1	18.982695	72.988334	
MP203-RHS-P2	18.982653	72.988298	
MP203-RHS-P3	18.982687	72.988254	

MP203-RHS-P4	18.982729	72.98829	
MP204-LHS-P1	18.982458	72.988866	
MP204-LHS-P2	18.982416	72.98883	
MP204-LHS-P3	18.98245	72.988786	
MP204-LHS-P4	18.982492	72.988822	
MP204-RHS-P1	18.982352	72.988775	
MP204-RHS-P2	18.98231	72.988739	
MP204-RHS-P3	18.982344	72.988695	
MP204-RHS-P4	18.982386	72.988731	
MP205-LHS-P1	18.982115	72.989307	
MP205-LHS-P2	18.982073	72.989271	
MP205-LHS-P3	18.982107	72.989227	
MP205-LHS-P4	18.982149	72.989263	
MP205-RHS-P1	18.982009	72.989217	
MP205-RHS-P2	18.981967	72.98918	
MP205-RHS-P3	18.982001	72.989136	
MP205-RHS-P4	18.982043	72.989172	