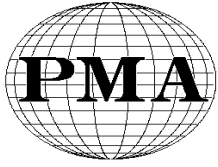


BARGE: MMLP 327



OWNER: Martin Marine
DESCRIPTION: Double Skin Rake Inland Tank Barge
SIZE: 315'-00" x 54'-00" x 13'-00"

BUILDER: Kennedy Construction
HULL #: 128-129
DATE: December 2, 2015

FORMERLY "BAT 1"

VESSEL DISPLACEMENT AND CARGO DEADWEIGHT TABLE (FRESH WATER - SHORT TONS)

	DRAFT	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.
DISPLACEMENT	0 INCH	995	1499	2006	2516	3029	3545	4064	4587	5113	5642	6174
DEADWEIGHT			400	907	1417	1930	2446	2966	3488	4014	4543	5075
DISPLACEMENT	1 INCH	1037	1541	2048	2558	3072	3588	4108	4630	5157	5686	6218
DEADWEIGHT			442	950	1460	1973	2489	3009	3532	4058	4587	5120
DISPLACEMENT	2 INCH	1079	1583	2090	2601	3115	3631	4151	4674	5201	5730	6262
DEADWEIGHT			484	992	1502	2016	2532	3053	3576	4102	4631	5164
DISPLACEMENT	3 INCH	1121	1625	2133	2643	3158	3674	4195	4718	5245	5774	6307
DEADWEIGHT		23	526	1034	1545	2059	2575	3096	3619	4146	4675	5208
DISPLACEMENT	4 INCH	1163	1667	2175	2686	3200	3717	4238	4761	5289	5818	6351
DEADWEIGHT		64	568	1077	1587	2102	2619	3140	3663	4190	4720	5253
DISPLACEMENT	5 INCH	1205	1709	2218	2728	3243	3760	4282	4805	5333	5862	6396
DEADWEIGHT		106	610	1119	1630	2145	2662	3183	3706	4234	4764	5297
DISPLACEMENT	6 INCH	1247	1752	2260	2772	3286	3804	4325	4849	5377	5907	6440
DEADWEIGHT		148	653	1162	1673	2188	2706	3227	3751	4278	4809	5342
DISPLACEMENT	7 INCH	1289	1794	2303	2815	3329	3848	4369	4893	5421	5952	6485
DEADWEIGHT		190	696	1204	1716	2231	2749	3270	3795	4322	4853	5386
DISPLACEMENT	8 INCH	1331	1837	2345	2858	3373	3891	4412	4937	5465	5996	6529
DEADWEIGHT		232	738	1247	1759	2274	2793	3314	3839	4366	4898	5431
DISPLACEMENT	9 INCH	1373	1879	2388	2901	3416	3935	4456	4981	5509	6041	6574
DEADWEIGHT		274	781	1289	1802	2317	2836	3357	3883	4411	4942	5475
DISPLACEMENT	10 INCH	1415	1922	2430	2944	3459	3978	4500	5025	5553	6085	6618
DEADWEIGHT		316	823	1332	1845	2360	2880	3401	3927	4455	4987	5520
DISPLACEMENT	11 INCH	1457	1964	2473	2987	3502	4022	4543	5069	5597	6130	6663
DEADWEIGHT		358	866	1374	1888	2403	2923	3445	3971	4499	5031	5564

**DISPLACEMENT AND DEADWEIGHT ARE IN SHORT TONS. ONE SHORT TON (S. TON) = 2000 POUNDS
 LIGHTSHIP WEIGHT (LWT) IS DERIVED FROM FREEBOARD READINGS LWT = 1098.50 S. TONS**

NOTES:

1. TABLE DATA IS BASED ON DRAFTS IN FRESH WATER AT 32.05 (CU. FT. PER S. TON) OR 62.4 (LBS PER CU.FT.)
2. TO OBTAIN DISPLACEMENT IN SEA WATER AT 31.25 (CU. FT. PER S. TON)OR 64.0 (LBS PER CU. FT.), MULTIPLY THE TABLE DISPLACEMENT BY 1.025, TO OBTAIN THE CORRESPONDING CARGO DEADWEIGHT, SUBTRACT THE LIGHTSHIP WEIGHT (LWT) FROM THE CALCULATED DISPLACEMENT IN SEA WATER.
3. ACTUAL DISPLACEMENTS AND DEADWEIGHTS MAY VARY DUE TO ACCURACY OF DRAFT READINGS, WEATHER CONDITIONS, SPECIFIC GRAVITY OF WATER, DECK LOADS, RESIDUE IN BILGE ALTERATIONS OR CHANGES TO THE VESSEL SINCE REFERENCE FREEBOARD READINGS WERE TAKEN, ETC...
4. ALL DATA IS BASED ON ZERO TRIM