

MRT 474 - 483

Input

Reading Date 8/17/2004
 Barge Length - ft 200.00
 Barge Width - ft 35.00
 Barge Depth - ft 13.00
 Main Deck Plate - in 0.38
 Headlog Height - ft 13.00
 Rake Tan. Aft Bow - ft 27.33

Aft Freeb'd Sbd 11.00 ft
 Aft Freeb'd Port 11.00 ft
 Aft Freeb'd Location 8.75 ft fwd stern
 Fwd Freeb'd Sbd 11.00 ft
 Fwd Freeb'd Port 11.00 ft
 Fwd Freeb'd Location 169.75 ft fwd stern
 Water Den - cu.ft./ton 32.000 fresh water

7/20/2004

7.750 in
 7.500 in
 3.125 in
 3.250 in

Output

Displacement 311.75 Tons
 WL Length 183.78 ft
 LCF Draft 1.587 ft

FEET INCHES	1	2	3	4	5	6	7	8	9	10	11	12
0	0	83	286	492	699	909	1120	1333	1547	1762	1978	2196
1	0	100	303	509	717	927	1138	1351	1565	1780	1996	2214
2	0	117	320	526	734	944	1155	1368	1583	1798	2014	2232
3	0	134	337	544	752	962	1173	1386	1600	1816	2032	2250
4	0	151	354	561	769	979	1191	1404	1618	1834	2051	2268
5	0	167	372	578	787	997	1209	1422	1636	1852	2069	2286
6	0	184	389	595	804	1014	1226	1440	1654	1870	2087	2305
7	0	201	406	613	821	1032	1244	1457	1672	1888	2105	2323
8	16	218	423	630	839	1050	1262	1475	1690	1906	2123	2341
9	33	235	440	647	856	1067	1279	1493	1708	1924	2141	2359
10	50	252	457	665	874	1085	1297	1511	1726	1942	2159	2377
11	66	269	475	682	891	1102	1315	1529	1744	1960	2177	2396

SHORT TONS CARGO

Table for barge afloat on even keel in FRESH water and based on JEFFBOAT hulls 03-2122 to 03-2131 MRT 474 TO MRT 483

312 short tons barge weight (no covers)

Hopper Volume = 77,364 cubic feet to top of coaming
 Hopper Dimensions 176.917 ft. long 28.448 ft. wide

Admeasurement Net Tonnage = 764
 15.750 ft. deep 166.417 ft. flat hopper bottom