

MRT 529 - 548

Input

Reading Date 7/20/2004
 Barge Length - ft 200.00
 Barge Width - ft 35.00
 Barge Depth - ft 13.00
 Main Deck Plate - in 0.38
 Headlog Height - ft 0.00
 Rake Tan. At Bow - ft 0.00

Aft Freeb'd Stbd 11.00 ft
 Aft Freeb'd Port 11.00 ft
 Aft Freeb'd Location 8.75 ft fwd stem
 Fwd Freeb'd Stbd 11.00 ft
 Fwd Freeb'd Port 11.00 ft
 Fwd Freeb'd Location 191.25 ft fwd stem
 Water Den - cu ft/ton 32.000 fresh water

7/20/2004

6.750 in
 6.500 in

6.375 in
 6.500 in

Output

Displacement 325.28 Tons
 WL Length 200.00 ft
 LCF Draft 1.487 ft

SHORT TONS CARGO

FEET INCHES	1	2	3	4	5	6	7	8	9	10	11	12
0	0	112	331	550	768	987	1206	1425	1643	1862	2081	2300
1	0	130	349	568	787	1005	1224	1443	1662	1880	2099	2318
2	0	148	367	586	805	1024	1242	1461	1680	1899	2117	2336
3	0	167	386	604	823	1042	1261	1479	1698	1917	2136	2354
4	0	185	404	623	841	1060	1279	1498	1716	1935	2154	2373
5	0	203	422	641	860	1078	1297	1516	1735	1953	2172	2391
6	3	222	440	659	878	1097	1315	1534	1753	1972	2190	2409
7	21	240	459	677	896	1115	1334	1552	1771	1990	2209	2427
8	39	258	477	696	914	1133	1352	1571	1789	2008	2227	2446
9	58	276	495	714	933	1151	1370	1589	1808	2026	2245	2464
10	76	295	513	732	951	1170	1388	1607	1826	2045	2263	2482
11	94	313	531	750	969	1188	1406	1625	1844	2063	2281	2500

Table for barge afloat on even keel in FRESH water and based on JEFFBOAT hulls 03-2102 to 03-2121 - MRT 529B TO MRT 548B

325 short tons barge weight (no covers)

Hopper Volume = 84,206 cubic feet to top of coaming
 Hopper Dimensions 187.938 ft. long 28.448 ft. wide

-Admeasurement Net Tonnage = 764
 15.750 ft. deep 187.938 ft. flat hopper bottom