

OWNER: PARKER TOWING COMPANY  
 DESCRIPTION: FRP COVERED HOPPER, SINGLE RAKE, INLAND BARGE  
 SIZE: 200'-0" X 35'-0" X 12'-0"

CONTRACT: 75367  
 HULL: 6028-1 THRU 6028-15  
 NAME: PIC 811 THRU PTC825  
 DATE: 12-15-15

VESSEL DISPLACEMENT AND CARGO DEADWEIGHT TABLE (FRESH WATER)

	DRAFT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT
DISPLACEMENT	0.0 FT		406	611	817	1026	1236	1448	1661	1875	2091	2308
DEADWEIGHT			85	290	496	705	915	1127	1340	1554	1770	1987
DISPLACEMENT	0.1 FT		427	631	838	1047	1257	1469	1682	1897	2113	2330
DEADWEIGHT			106	310	517	726	936	1148	1361	1576	1792	2009
DISPLACEMENT	0.2 FT		447	652	859	1068	1278	1490	1703	1918	2134	2352
DEADWEIGHT			126	331	538	747	957	1169	1382	1597	1813	2031
DISPLACEMENT	0.3 FT		467	672	879	1089	1299	1511	1725	1940	2156	2374
DEADWEIGHT			146	351	558	768	978	1190	1404	1619	1835	2053
DISPLACEMENT	0.4 FT		488	693	900	1110	1320	1533	1746	1961	2178	2395
DEADWEIGHT			167	372	579	789	999	1212	1425	1640	1857	2074
DISPLACEMENT	0.5 FT		508	714	921	1131	1342	1554	1768	1983	2199	2417
DEADWEIGHT			187	393	600	810	1021	1233	1447	1662	1878	2096
DISPLACEMENT	0.6 FT	325	528	734	942	1152	1363	1575	1789	2005	2221	2439
DEADWEIGHT		4	207	413	621	831	1042	1254	1468	1684	1900	2118
DISPLACEMENT	0.7 FT	345	549	755	963	1173	1384	1597	1811	2026	2243	2461
DEADWEIGHT		24	228	434	642	852	1063	1276	1490	1705	1922	2140
DISPLACEMENT	0.8 FT	366	569	776	984	1194	1405	1618	1832	2048	2265	2483
DEADWEIGHT		45	248	455	663	873	1084	1297	1511	1727	1944	2162
DISPLACEMENT	0.9 FT	386	590	796	1005	1215	1426	1639	1854	2069	2286	2505
DEADWEIGHT		65	269	475	684	894	1105	1318	1533	1748	1965	2184

DISPLACEMENT & DEADWEIGHT ARE IN SHORT TONS. ONE SHORT TON (S.TON) = 2000 POUNDS

LIGHTSHIP WEIGHT (LWT) IS DERIVED FROM FREEBOARD READINGS

LWT = 321 S.TON

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 BILGES ALTERATIONS OR CHANGES TO THE VESSEL SINCE REFERENCE FREEBOARD READINGS WERE TAKEN, etc.
4. ALL DATA IS BASED ON ZERO TRIM.