

to PTC 660

Input	Barge Name	PTC 631	No cover								7/7/2010
	Reading Date	6/15/2010		Aft Freeb'd Stbd	10.00	ft		8.125	in		DVW
	Barge Length - ft	200.00		Aft Freeb'd Port	10.00	ft		8.625	in		
	Barge Width - ft	35.00		Aft Freeb'd Location	8.75	ft fwd stern					
	Barge Depth - ft	12.00		Fwd Freeb'd Stbd	10.00	ft		3.500	in		
	Main Deck Plate - in	0.38		Fwd Freeb'd Port	10.00	ft		3.750	in		
	Headlog Height - ft	11.75		Fwd Freeb'd Location	170.00	ft fwd stern					
	Rake Tan. Aft Bow - ft	27.33		Water Den - cu.ft./ton	32.000	fresh water					

Output	Displacement	302.41 Tons
	WL Length	184.06 ft
	LCF Draft	1.538 ft

SHORT TONS CARGO

FEET INCHES	1	2	3	4	5	6	7	8	9	10	11
0	0	93	297	503	711	921	1133	1347	1562	1778	1996
1	0	110	314	520	729	939	1151	1365	1580	1796	2014
2	0	127	331	537	746	957	1169	1383	1598	1814	2032
3	0	144	348	555	764	974	1187	1401	1616	1832	2050
4	0	161	365	572	781	992	1204	1418	1634	1850	2068
5	0	178	382	589	799	1010	1222	1436	1652	1869	2086
6	0	195	399	607	816	1027	1240	1454	1670	1887	2105
7	9	211	417	624	834	1045	1258	1472	1688	1905	2123
8	26	228	434	642	851	1063	1276	1490	1706	1923	2141
9	43	245	451	659	869	1080	1293	1508	1724	1941	2159
10	59	263	468	676	886	1098	1311	1526	1742	1959	2177
11	76	280	486	694	904	1116	1329	1544	1760	1977	2196

Table for barge afloat on even keel in FRESH water and based on  
JEFFBOAT hulls 10-2685 through 10-2704 PTC 631 through PTC ~~650~~ 660

302 short tons barge weight WITHOUT covers

Hopper Volume =	67,520 cubic feet to top of coaming	Admeasurement Net Tonnage =	706
Hopper Dimensions	177.09 ft. long      28.44 ft. wide	13.75 ft. deep	166.59 ft. flat hopper bottom