

VESSEL DISPLACEMENT AND CARGO DEADWEIGHT

VESSEL DESCRIPTION DOUBLE RAKE RIVER OPEN HOPPER BARGE 175' X 26' X 11'-0"

CONTRACT TYPE HARBOR HULL NO NAME  
 -7066 B-616 3829 HVAL 825  
 3853 HVAL 825

DRAFT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT
DISP DWT 0 IN	118	240	373	514	652	785	927	1064	1202	1340		
		56	153	330	468	609	743	880	1018	1156		
DISP DWT 1 IN	128	252	388	526	662	801	938	1076	1213	1352		
		68	204	442	498	619	754	892	1029	1168		
DISP DWT 2 IN	138	262	400	537	671	812	950	1087	1225	1364		
		79	216	353	491	628	766	903	1041	1180		
DISP DWT 3 IN	148	274	411	549	686	824	961	1098	1236	1375		
		90	227	365	502	640	777	915	1052	1191		
DISP DWT 4 IN	158	286	423	560	698	835	972	1110	1248	1387		
		102	239	376	514	651	789	926	1064	1203		
DISP DWT 5 IN	167	298	434	571	709	847	984	1122	1260	1399		
		113	250	387	525	663	800	938	1075	1213		
DISP DWT 6 IN	177	309	446	583	720	858	996	1133	1271	1411		
		125	262	399	536	674	812	949	1087	1227		
DISP DWT 7 IN	187	320	457	594	732	869	1007	1145	1282			
		136	274	410	548	685	823	961	1098			
DISP DWT 8 IN	197	331	468	606	743	881	1019	1156	1294			
		147	284	422	559	697	835	972	1110			
DISP DWT 9 IN	207	343	480	617	755	892	1030	1168	1305			
		158	296	433	571	708	846	984	1121			
DISP DWT 10 IN	218	354	491	629	766	904	1041	1179	1317			
		170	307	449	582	720	857	995	1133			
DISP DWT 11 IN	229	366	502	640	778	915	1053	1191	1328			
		182	319	458	594	731	869	1008	1144			

LWT = 144.0 SHORT TONS

DISP = DISPLACEMENT (SHORT TONS)  
 DWT = CARGO DEADWEIGHT (SHORT TONS)  
 ONE SHORT TON = 2000 POUNDS

- NOTES:
- TABLE DATA IS FOR DRAFT IN FRESH WATER (62.4 LB CUBIC FEET PER SHORT TON).
  - TO OBTAIN DISPLACEMENT IN SEA WATER (64.0 LB CUBIC FEET PER SHORT TON), 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.
  - LIGHTSHIP WEIGHT (LWT) IS COMPILED FROM FREEBOARD READINGS FROM FIRST HI.
  - ACTUAL DISPLACEMENTS AND DEADWEIGHTS MAY VARY DUE TO ACCURACY OF DRAFT READINGS, WEATHER CONDITIONS, SPECIFIC GRAVITY OF WATER, DECK LOADS, LIQUIDS IN TANKS, ALTERATIONS TO VESSEL SINCE REFERENCE FREEBOARD READINGS WERE TAKEN, ETC.
  - ALL DATA BASED ON ZERO TRIM.

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