

**DRAFT TABLE FOR HOPPER BARGE SERIES ITS1500, 1600, 1700, 1800, 1900, 2100, 2200 (195FT RAKE, 12FT HULL)**

Light ship weight = 264 s. tons  
Table valid for fresh water only\*\*

Freeboard (inches)	DRAFT (ft.)	Displacmt (tons)	CARGO DWT, tons		Freeboard (inches)	DRAFT (ft.)	Displacmt (tons)	CARGO DWT, tons		Freeboard (inches)	DRAFT (ft.)	Displacmt (tons)	CARGO DWT, tons
144	0.000	0	NIL		96	4.000	771	507		48	8.000	1587	1323
143	0.083	15	NIL		95	4.083	788	524		47	8.083	1605	1341
142	0.167	30	NIL		94	4.167	805	541		46	8.167	1622	1358
141	0.250	45	NIL		93	4.250	821	557		45	8.250	1639	1375
140	0.333	60	NIL		92	4.333	838	574		44	8.333	1657	1393
139	0.417	76	NIL		91	4.417	855	591		43	8.417	1674	1410
138	0.500	91	NIL		90	4.500	871	607		42	8.500	1692	1428
137	0.583	107	NIL		89	4.583	888	624		41	8.583	1709	1445
136	0.667	122	NIL		88	4.667	905	641		40	8.667	1726	1462
135	0.750	138	NIL		87	4.750	922	658		39	8.750	1744	1480
134	0.833	154	NIL		86	4.833	939	675		38	8.833	1761	1497
133	0.917	169	NIL		85	4.917	955	691		37	8.917	1779	1515
132	1.000	185	NIL		84	5.000	972	708		36	9.000	1796	1532
131	1.083	201	NIL		83	5.083	989	725		35	9.083	1814	1550
130	1.167	217	NIL		82	5.167	1006	742		34	9.167	1831	1567
129	1.250	232	NIL		81	5.250	1023	759		33	9.250	1848	1584
128	1.333	248	NIL		80	5.333	1040	776		32	9.333	1866	1602
127	1.417	264	0		79	5.417	1057	793		31	9.417	1883	1619
126	1.500	280	16		78	5.500	1074	810		30	9.500	1901	1637
125	1.583	296	32		77	5.583	1091	827		29	9.583	1919	1655
124	1.667	312	48		76	5.667	1107	843		28	9.667	1936	1672
123	1.750	328	64		75	5.750	1124	860		27	9.750	1954	1690
122	1.833	344	80		74	5.833	1141	877		26	9.833	1971	1707
121	1.917	361	97		73	5.917	1158	894		25	9.917	1989	1725
120	2.000	377	113		72	6.000	1175	911		24	10.000	2006	1742
119	2.083	393	129		71	6.083	1192	928		23	10.083	2024	1760
118	2.167	409	145		70	6.167	1209	945		22	10.167	2041	1777
117	2.250	425	161		69	6.250	1227	963		21	10.250	2059	1795
116	2.333	442	178		68	6.333	1244	980		20	10.333	2077	1813
115	2.417	458	194		67	6.417	1261	997		19	10.417	2094	1830
114	2.500	474	210		66	6.500	1278	1014		18	10.500	2112	1848
113	2.583	491	227		65	6.583	1295	1031		17	10.583	2130	1866
112	2.667	507	243		64	6.667	1312	1048		16	10.667	2147	1883
111	2.750	523	259		63	6.750	1329	1065		15	10.750	2165	1901
110	2.833	540	276		62	6.833	1346	1082		14	10.833	2183	1919
109	2.917	556	292		61	6.917	1363	1099		13	10.917	2200	1936
108	3.000	573	309		60	7.000	1381	1117		12	11.000	2218	1954
107	3.083	589	325		59	7.083	1398	1134		11	11.083	2236	1972
106	3.167	606	342		58	7.167	1415	1151		10	11.167	2253	1989
105	3.250	622	358		57	7.250	1432	1168		9	11.250	2271	2007
104	3.333	639	375		56	7.333	1449	1185		8	11.333	2289	2025
103	3.417	655	391		55	7.417	1467	1203		7	11.417	2307	2043
102	3.500	672	408		54	7.500	1484	1220		6	11.500	2324	2060
101	3.583	688	424		53	7.583	1501	1237		5	11.583	2342	2078
100	3.667	705	441		52	7.667	1518	1254		4	11.667	2360	2096
99	3.750	721	457		51	7.750	1536	1272		3	11.750	2378	2114
98	3.833	738	474		50	7.833	1553	1289		2	11.833	2396	2132
97	3.917	755	491		49	7.917	1570	1306		1	11.917	2413	2149
										0	12.000	2431	2167

ACOE max

Min. fbd.

- \*\* NOTES:  
 1. Barge to be empty and dry before loading.  
 2. Table valid for zero trim only.  
 3. See page 2 for detailed instructions.