

Input	Barge Name	CB1001 TO CB1002			4/17/98
	Reading Date	calculated	Aft Freeb'd Stbd	11.00 ft	9,495 in
	Barge Length - ft	195.00	Aft Freeb'd Port	11.00 ft	9,620 in
	Barge Width - ft	35.00	Aft Freeb'd Location	9.75 ft fwd stem	
	Barge Depth - ft	13.00	Fwd Freeb'd Stbd	11.00 ft	2,870 in
	Main Deck Plate - in	0.38	Fwd Freeb'd Port	11.00 ft	2,620 in
	Headlog Height - ft	13.00	Fwd Freeb'd Location	162.38 ft fwd stem	
	Rake Tan. Aft Bow - ft	28.63	Water Den - cu.ft./ton	32.000	fresh water
Output	Displacement	290.15 Tons			
	WL Length	178.12 ft			
	LCF Draft	1.530 ft			

FEET INCHES	SHORT TONS CARGO										
	1	2	3	4	5	6	7	8	9	10	11
0	0	92	288	488	689	893	1098	1305	1513	1723	1933
1	0	108	305	505	706	910	1115	1322	1530	1740	1951
2	0	124	321	521	723	927	1132	1339	1548	1758	1968
3	0	141	338	538	740	944	1150	1357	1565	1775	1986
4	0	157	355	555	757	961	1167	1374	1583	1793	2004
5	0	173	371	572	774	978	1184	1391	1600	1810	2021
6	0	190	388	588	791	995	1201	1409	1618	1828	2039
7	11	208	404	605	808	1012	1219	1426	1635	1845	2057
8	27	223	421	622	825	1030	1236	1443	1653	1863	2074
9	43	239	438	639	842	1047	1253	1461	1670	1880	2092
10	59	255	454	656	859	1064	1270	1478	1688	1898	2110
11	75	272	471	673	876	1081	1288	1496	1705	1916	2127

Table for barge afloat on even keel in fresh water and based on
JEFFBOAT hulls 97-2177 and 97-2178 CB1001 TO CB1002

290 short tons barge weight

Input	Barge Name	CB1003 TO CB1004			
	Reading Date	5/27/93	Aft Freeb'd Stbd	10.00 ft	10.250 in
	Barge Length - ft	195.00	Aft Freeb'd Port	10.00 ft	10.500 in
	Barge Width - ft	35.00	Aft Freeb'd Location	10.04 ft fwd stem	
	Barge Depth - ft	12.00	Fwd Freeb'd Stbd	10.00 ft	3.750 in
	Main Deck Plate - in	0.38	Fwd Freeb'd Port	10.00 ft	3.500 in
	Headlog Height - ft	11.75	Fwd Freeb'd Locatio	162.38 ft fwd stem	
	Rake Tan. Aft Bow -	28.63	Water Den - cu.ft./to	32.000	

Output	Displacement	276.80 Tons
	WL Length	178.31 ft
	LCF Draft	1.459 ft

FEET INCHES	SHORT TONS CARGO									
	1	2	3	4	5	6	7	8	9	10
0	0	106	303	503	705	910	1116	1323	1533	1743
1	0	122	320	520	722	927	1133	1341	1550	1761
2	0	138	336	537	739	944	1150	1358	1568	1778
3	0	155	353	553	756	961	1168	1376	1585	1796
4	0	171	369	570	773	978	1185	1393	1603	1814
5	0	187	386	587	790	995	1202	1410	1620	1831
6	8	204	403	604	807	1012	1219	1428	1638	1849
7	24	220	419	621	824	1030	1237	1445	1655	1867
8	41	237	436	638	841	1047	1254	1463	1673	1884
9	57	253	453	655	858	1064	1271	1480	1690	1902
10	73	270	469	671	875	1081	1289	1498	1708	1920
11	89	286	486	688	893	1098	1306	1515	1726	1937

Table for barge afloat on even keel in fresh water

JEFFBOAT hulls 93-2852 and 93-2853 CB1003 TO CB1004 4

277 short tons barge weight
without covers

corrected table 3/1/94

MAR 7 1994

Input Barge Name *CB 1005 - CB 1006*

Reading Date	2/28/94	Aft Freeb'd Stbd	10.00 ft	10.500 in
Barge Length - ft	195.00	Aft Freeb'd Port	10.00 ft	10.625 in
Barge Width - ft	35.00	Aft Freeb'd Location	10.04 ft fwd stern	
Barge Depth - ft	12.00	Fwd Freeb'd Stbd	10.00 ft	4.000 in
Main Deck Plate - in	0.38	Fwd Freeb'd Port	10.00 ft	4.000 in
Headlog Height - ft	11.75	Fwd Freeb'd Locatio	162.38 ft fwd stern	
Rake Tan. Aft Bow -	28.63	Water Den - cu.ft./to	32.000	

Output Displacement 272.17 Tons
 WL Length 178.20 ft
 LCF Draft 1.435 ft

FEET INCHES	SHORT TONS CARGO									
	1	2	3	4	5	6	7	8	9	10
0	0	110	308	508	710	914	1120	1328	1537	1748
1	0	127	324	524	727	931	1138	1345	1555	1765
2	0	143	341	541	744	948	1155	1363	1572	1783
3	0	159	357	558	761	966	1172	1380	1590	1801
4	0	176	374	575	778	983	1189	1398	1607	1818
5	0	192	391	592	795	1000	1207	1415	1625	1836
6	13	209	407	608	812	1017	1224	1433	1642	1854
7	29	225	424	625	829	1034	1241	1450	1660	1871
8	45	241	441	642	846	1051	1259	1467	1678	1889
9	61	258	457	659	863	1069	1276	1485	1695	1907
10	78	274	474	676	880	1086	1293	1502	1713	1924
11	94	291	491	693	897	1103	1311	1520	1730	1942

Table for barge afloat on even keel in fresh water

JEFFBOAT hulls 93-2038 and 93-2039

-- *CB 1005 - 1006*272 short tons barge weight
without covers

Input : Barge Name **CB1007-CB1010** 5/25/95
 Reading Date 5/25/95
 Barge Length - ft 195.00 Aft Freeb'd Stbd 10.00 ft 9.750 in
 Barge Width - ft 35.00 Aft Freeb'd Port 10.00 ft 10.250 in
 Barge Depth - ft 12.00 Aft Freeb'd Location 10.04 ft fwd stern
 Main Deck Plate - in 0.38 Fwd Freeb'd Stbd 10.00 ft 3.500 in
 Headlog Height - ft 11.75 Fwd Freeb'd Port 10.00 ft 3.250 in
 Rake Tan. Aft Bow - ft 28.63 Fwd Freeb'd Location 162.38 ft fwd stern
 Water Den - cu.ft./ton 32.000 fresh water

Output Displacement 281.84 Tons
 WL Length 178.38 ft
 LCF Draft 1.485 ft

FEET INCHES	SHORT TONS CARGO										
	1	2	3	4	5	6	7	8	9	10	11
0	0	101	298	498	700	905	1111	1318	1528	1738	1950
1	0	117	314	515	717	922	1128	1336	1545	1756	1968
2	0	133	331	531	734	939	1145	1353	1563	1773	1985
3	0	150	348	548	751	956	1162	1371	1580	1791	2003
4	0	166	364	565	768	973	1180	1388	1598	1809	2021
5	0	182	381	582	785	990	1197	1405	1615	1826	2039
6	3	199	398	599	802	1007	1214	1423	1633	1844	2056
7	19	215	414	616	819	1025	1232	1440	1650	1862	2074
8	36	232	431	633	836	1042	1249	1458	1668	1879	2092
9	52	248	448	649	853	1059	1266	1475	1685	1897	2110
10	68	265	464	665	870	1076	1284	1493	1703	1915	2127
11	84	281	481	683	887	1093	1301	1510	1721	1932	2145

Table for barge afloat on even keel in fresh water and based on
 JEFFBOAT hulls 94-2200 thru 94-2203 **CB1007-CB1010**

282 short tons barge weight - without covers

Input	Barge Name	CB1011 TO CB1018				3/1/01
	Reading Date	calculated	Aft Freeb'd Stbd	10.00 ft	7.625 in	
	Barge Length - ft	195.00	Aft Freeb'd Port	10.00 ft	7.500 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	1.625 in	
	Main Deck Plate - in	0.38	Fwd Freeb'd Port	10.00 ft	2.000 in	
	Headlog Height - ft	11.75	Fwd Freeb'd Location	164.00 ft fwd stern		
	Rake Tan. Aft Bow -	27.50	Water Den - cu.ft./ton	32.000	fresh water	
Output	Displacement	315.74 Tons				
	WL Length	179.46 ft				
	LCF Draft	1.651 ft				

SHORT TONS CARGO											
FEET INCHES	1	2	3	4	5	6	7	8	9	10	11
0	0	69	267	467	670	875	1081	1289	1499	1709	1921
1	0	85	283	484	687	892	1098	1307	1516	1727	1939
2	0	101	300	501	704	909	1116	1324	1534	1745	1957
3	0	118	316	518	721	926	1133	1341	1551	1762	1974
4	0	134	333	535	738	943	1150	1359	1569	1780	1992
5	0	151	350	551	755	961	1168	1376	1586	1797	2010
6	0	167	367	568	772	978	1185	1394	1604	1815	2028
7	0	184	383	585	789	995	1202	1411	1621	1833	2045
8	3	200	400	602	806	1012	1220	1429	1639	1850	2063
9	19	217	417	619	823	1029	1237	1446	1657	1868	2081
10	36	233	434	636	840	1047	1254	1464	1674	1886	2099
11	52	250	450	653	858	1064	1272	1481	1692	1904	2116

Table for barge afloat on even keel in FRESH water and based on
 JEFFBOAT hulls 00-2249 through 00-2256 CB1011 TO CB1018
 Hopper Volume 60,597 cubic feet to top of coaming

316 short tons barge weight with NO covers

Barge

1990

J

Open Top

65543

3 ft 0.0 in

195 ft 0 in

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

1 ft 5.4 in

1 ft 5.4 in

[illegible]

Barge

1990

J

Open Top

65543

3 ft 0.0 in

External Length

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

Light Draft (LT)

1 ft 5.4 in

[illegible]

Barge

1990

J

Open Top

65543

3 ft 0.0 in

External Length

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

Light Draft (LT)

1 ft 5.4 in

[illegible]

Barge

Year Built

Type

Cover Type

Cubic Capacity

Coaming Height

External Length

External Width

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

Light Draft (LT)

1 ft 5.4 in

[illegible]

Barge

1990

J

Open Top

65543

3 ft 0.0 in

195 ft 0 in

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

1 ft 5.4 in

1 ft 5.4 in

[illegible]

Barge

1990

J

Open Top

65543

3 ft 0.0 in

195 ft 0 in

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

1 ft 5.4 in

1 ft 5.4 in

[illegible]

Barge

1990

J

Open Top

65543

3 ft 0.0 in

External Length

195 ft 0 in

35 ft 0 in

12 ft 0 in

172 ft 0 in

161 ft 6 in

13 ft 9 in

28 ft 5 in

Light Draft (LT)

1 ft 5.4 in

[illegible]

Barge

Year Built

Type

Cover Type

Cubic Capacity

Coaming Height

External Length

External Width

External Depth

Internal Top Length

Internal Floor Length 161 ft 6 in

Internal Height

Internal Width

Light Draft (LT)

0" 1" 2" 3" 4" 5" 6" 7" 8" 9" 10" 11"

1'

2'

3'

4¹

5'

6'

7'

Q1

 σ' 9
1010
11

11

12

13

Barge	CB10
Year Built	1990
Type	J
Cover Type	Open Top
Cubic Capacity	65543
Coaming Height	3 ft 0.0 in

External Length	195 ft 0 in
External Width	35 ft 0 in
External Depth	12 ft 0 in
Internal Top Length	172 ft 0 in
Internal Floor Length	161 ft 6 in
Internal Height	13 ft 9 in
Internal Width	28 ft 5 in

Light Draft (LT) 1 ft 5.4 in

[illegible]

Tag No. 75223

TRINITY MARINE PRODUCTS, INC.
LOADING CHART FOR FRESH WATER
CINCINNATI MARINE 195-0 x 35-0 x 12-0 RAKE HOPPER W/O FIBERGLASS COVERS
Barge Names CML 0200 thru CML 0211

This chart is to be used when fiberglass covers are NOT fitted

FREEBOARD* FT-IN	DRAFT FT-IN	CARGO S TONS	FREEBOARD* FT-IN	DRAFT FT-IN	CARGO S TONS	FREEBOARD* FT-IN	DRAFT FT-IN	CARGO S TONS
11-11.75	0-1	0	7-11.75	4-1	517	3-11.75	8-1	1330
11-10.75	0-2	0	7-10.75	4-2	533	3-10.75	8-2	1347
11-9.75	0-3	0	7-9.75	4-3	550	3-9.75	8-3	1365
11-8.75	0-4	0	7-8.75	4-4	567	3-8.75	8-4	1382
11-7.75	0-5	0	7-7.75	4-5	583	3-7.75	8-5	1399
11-6.75	0-6	0	7-6.75	4-6	600	3-6.75	8-6	1416
11-5.75	0-7	0	7-5.75	4-7	617	3-5.75	8-7	1434
11-4.75	0-8	0	7-4.75	4-8	634	3-4.75	8-8	1451
11-3.75	0-9	0	7-3.75	4-9	650	3-3.75	8-9	1468
11-2.75	0-10	0	7-2.75	4-10	667	3-2.75	8-10	1486
11-1.75	0-11	0	7-1.75	4-11	684	3-1.75	8-11	1503
11-0.75	1-0	0	7-0.75	5-0	701	3-0.75	9-0	1520
10-11.75	1-1	0	6-11.75	5-1	718	2-11.75	9-1	1538
10-10.75	1-2	0	6-10.75	5-2	734	2-10.75	9-2	1555
10-9.75	1-3	0	6-9.75	5-3	751	2-9.75	9-3	1572
10-8.75	1-4	0	6-8.75	5-4	768	2-8.75	9-4	1590
10-7.75	1-5	0	6-7.75	5-5	785	2-7.75	9-5	1607
10-6.75	1-6	9	6-6.75	5-6	802	2-6.75	9-6	1625
10-5.75	1-7	25	6-5.75	5-7	819	2-5.75	9-7	1642
10-4.75	1-8	41	6-4.75	5-8	835	2-4.75	9-8	1660
10-3.75	1-9	57	6-3.75	5-9	852	2-3.75	9-9	1677
10-2.75	1-10	73	6-2.75	5-10	869	2-2.75	9-10	1694
10-1.75	1-11	90	6-1.75	5-11	886	2-1.75	9-11	1712
10-0.75	2-0	106	6-0.75	6-0	903	2-0.75	10-0	1729
9-11.75	2-1	122	5-11.75	6-1	920	1-11.75	10-1	1747
9-10.75	2-2	138	5-10.75	6-2	937	1-10.75	10-2	1764
9-9.75	2-3	155	5-9.75	6-3	954	1-9.75	10-3	1782
9-8.75	2-4	171	5-8.75	6-4	971	1-8.75	10-4	1799
9-7.75	2-5	187	5-7.75	6-5	988	1-7.75	10-5	1817
9-6.75	2-6	203	5-6.75	6-6	1005	1-6.75	10-6	1835
9-5.75	2-7	220	5-5.75	6-7	1022	1-5.75	10-7	1852
9-4.75	2-8	236	5-4.75	6-8	1039	1-4.75	10-8	1870
9-3.75	2-9	252	5-3.75	6-9	1056	1-3.75	10-9	1887
9-2.75	2-10	269	5-2.75	6-10	1073	1-2.75	10-10	1905
9-1.75	2-11	285	5-1.75	6-11	1090	1-1.75	10-11	1922
9-0.75	3-0	302	5-0.75	7-0	1107	1-0.75	11-0	1940
8-11.75	3-1	318	4-11.75	7-1	1124	0-11.75	11-1	1958
8-10.75	3-2	335	4-10.75	7-2	1141	0-10.75	11-2	1975
8-9.75	3-3	351	4-9.75	7-3	1159	0-9.75	11-3	1993
8-8.75	3-4	368	4-8.75	7-4	1176	0-8.75	11-4	2011
8-7.75	3-5	384	4-7.75	7-5	1193	0-7.75	11-5	2028
8-6.75	3-6	401	4-6.75	7-6	1210	0-6.75	11-6	2046
8-5.75	3-7	417	4-5.75	7-7	1227	0-5.75	11-7	2064
8-4.75	3-8	434	4-4.75	7-8	1244	0-4.75	11-8	2081
8-3.75	3-9	450	4-3.75	7-9	1261	0-3.75	11-9	2099
8-2.75	3-10	467	4-2.75	7-10	1279	0-2.75	11-10	2117
8-1.75	3-11	484	4-1.75	7-11	1296	0-1.75	11-11	2135
8-0.75	4-0	500	4-0.75	8-0	1313	0-0.75	12-0	2152

*FREEBOARD MEASURED FROM TOP OF DECK PLATE