

HEARTLAND FABRICATION, LLC
1800 Paul Thomas Boulevard
Brownsville, PA 15145

June 27, 2019

Customer: FMTA

Barge Names: FMTA 1901 - FMTA 1930
 Barge Design B-146
 Barge Length - ft 200.00
 Barge Width - ft 35.00
 Barge Depth - ft 13.00
 Coaming height - ft 4.00

Model B-146 Rake Covered Hopper Barge (with fiberglass covers)

10

FEET → INCHES ↓	SHORT TONS CARGO (without covers)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
0	-	65	265	467	672	878	1087	1298	1511	1727	1945	2165	2387
1	-	82	282	484	689	895	1104	1316	1529	1745	1963	2183	2387
2	-	98	299	501	706	913	1122	1333	1547	1763	1981	2202	2387
3	-	115	315	518	723	930	1140	1351	1565	1781	2000	2220	2387
4	-	132	332	535	740	948	1157	1369	1583	1799	2018	2239	2387
5	-	148	349	552	757	965	1175	1387	1601	1817	2036	2257	2387
6	-	165	366	569	775	982	1192	1404	1619	1836	2055	2276	2387
7	-	182	383	586	792	1000	1210	1422	1637	1854	2073	2294	2387
8	-	198	400	603	809	1017	1227	1440	1655	1872	2091	2313	2387
9	16	215	416	620	826	1035	1245	1458	1673	1890	2110	2331	2387
10	32	232	433	637	844	1052	1263	1476	1691	1908	2128	2350	2387
11	49	248	450	654	861	1069	1280	1494	1709	1927	2146	2369	2387

Table for avg reading with barge afloat on even keel, FRESH water = 317.69 SHORT TONS barge neat weight + 10 tons for covers
 Cargo Hopper Volume = 77,166 Cu. Ft. (Struck)

B-146 Rake Hopper with Covers