

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

February 10, 2020

Customer: FMTA
 Barge Names: FMTA 2001 through FMTA 2010 and FMTA 2056 through FMTA 2070
 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)

SHORT TONS CARGO (with covers)													
FEET →	1	2	3	4	5	6	7	8	9	10	11	12	13
INCHES ↓													
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	0
2	-	98	299	501	706	913	1122	1333	1547	1763	1981	2202	0
3	-	115	315	518	723	930	1140	1351	1565	1781	2000	2220	0
4	-	132	332	535	740	948	1157	1369	1583	1799	2018	2239	0
5	-	148	349	552	757	965	1175	1387	1601	1817	2036	2257	0
6	-	165	366	569	775	982	1192	1404	1619	1836	2055	2276	0
7	-	182	383	586	792	1000	1210	1422	1637	1854	2073	2294	0
8	-	198	400	603	809	1017	1227	1440	1655	1872	2091	2313	0
9	16	215	416	620	826	1035	1245	1458	1673	1890	2110	2331	0
10	32	232	433	637	844	1052	1263	1476	1691	1908	2128	2350	0
11	49	248	450	654	861	1069	1280	1494	1709	1927	2146	2369	0

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