

**BROWNSVILLE MARINE PRODUCTS, LLC**  
**1800 Paul Thomas Boulevard**  
**Brownsville, PA 15145**

September 9, 2015  
 Rev 1

**Customer: Russell Flowers**

Barge Names: FMTA 1541B through 1564B, Inclusive  
 Barge Design B-116  
 Barge Length - ft 200.00  
 Barge Width - ft 35.00  
 Barge Depth - ft 13.00  
 Coaming height - ft 4.00

**Model B-116 Box 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	0	72	290	508	726	944	1163	1381	1600	1820	2039	2259	2479
1	0	90	308	526	744	962	1181	1400	1619	1838	2057	2277	0
2	0	108	326	544	762	980	1199	1418	1637	1856	2076	2296	0
3	0	126	344	562	780	999	1217	1436	1655	1875	2094	2314	0
4	0	145	362	580	798	1017	1236	1454	1674	1893	2112	2332	0
5	0	163	380	598	817	1035	1254	1473	1692	1911	2131	2351	0
6	0	181	399	617	835	1053	1272	1491	1710	1929	2149	2369	0
7	0	199	417	635	853	1072	1290	1509	1728	1948	2167	2387	0
8	0	217	435	653	871	1090	1308	1527	1747	1966	2186	2406	0
9	18	235	453	671	889	1108	1327	1546	1765	1984	2204	2424	0
10	36	253	471	689	908	1126	1345	1564	1783	2003	2222	2442	0
11	54	272	489	708	926	1144	1363	1582	1801	2021	2241	2461	0

Table for avg reading with barge afloat on even keel, FRESH water = 352.50 SHORT TONS barge neat weight + 10 tons for covers  
 Cargo Hopper Volume = 83,957 Cu. Ft. (Struck)

# B-116 Box Hopper with Covers