

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

September 9, 2015
 Rev 1

Customer: Russell Flowers
Barge Names: FMTA 1565 through 1580, Inclusive
Barge Design B-115
Barge Length - ft 200.00
Barge Width - ft 35.00
Barge Depth - ft 13.00
Coaming height - ft 4.00

Model B-115 Rake Covered Hopper Barge (without fiberglass covers)

SHORT TONS CARGO (without covers)													
FEET →	1	2	3	4	5	6	7	8	9	10	11	12	13
INCHES ↓													
0	0	56	255	458	662	868	1077	1288	1502	1717	1935	2155	2378
1	0	72	272	474	679	886	1095	1306	1520	1735	1953	2174	
2	0	89	289	491	696	903	1112	1324	1538	1754	1972	2192	
3	0	105	306	508	713	920	1130	1342	1555	1772	1990	2211	
4	0	122	323	525	731	938	1147	1359	1573	1790	2008	2229	
5	0	139	339	542	748	955	1165	1377	1591	1808	2027	2248	
6	0	155	356	559	765	973	1183	1395	1609	1826	2045	2266	
7	0	172	373	576	782	990	1200	1413	1627	1844	2063	2285	
8	0	189	390	594	799	1007	1218	1430	1645	1862	2082	2303	
9	6	205	407	611	817	1025	1235	1448	1663	1881	2100	2322	
10	22	222	424	628	834	1042	1253	1466	1681	1899	2118	2340	
11	39	239	441	645	851	1060	1271	1484	1699	1917	2137	2359	

Table for avg reading with barge afloat on even keel, FRESH water = 337.40 SHORT TONS barge neat weight
 Cargo Hopper Volume = 77,114 Cu. Ft. (Struck)

B-115 Rake Hopper without