

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

February 16, 2015

Customer: Russell Flowers

Barge Names: FMTA 1501 through 1516, Inclusive
 Barge Design B-117
 Barge Length - ft 200.00
 Barge Width - ft 35.00
 Barge Depth - ft 14.00
 Coaming height - ft 5.00

Model B-117 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	14
INCHES ↓														
0	0	43	244	447	652	858	1067	1277	1488	1702	1917	2134	2353	2573
1	0	60	261	464	669	876	1084	1294	1506	1720	1935	2152	2371	
2	0	77	278	481	686	893	1102	1312	1524	1738	1953	2170	2389	
3	0	93	295	498	703	910	1119	1329	1542	1755	1971	2189	2408	
4	0	110	312	515	721	928	1136	1347	1559	1773	1989	2207	2426	
5	0	127	329	532	738	945	1154	1365	1577	1791	2007	2225	2445	
6	0	143	346	549	755	962	1171	1382	1595	1809	2025	2243	2463	
7	0	160	362	566	772	980	1189	1400	1613	1827	2043	2261	2481	
8	0	177	379	584	789	997	1206	1418	1630	1845	2062	2280	2500	
9	0	194	396	601	807	1014	1224	1435	1648	1863	2080	2298	2518	
10	10	211	413	618	824	1032	1241	1453	1666	1881	2098	2316	2536	
11	26	227	430	635	841	1049	1259	1471	1684	1899	2116	2335	2555	

Table for avg reading with barge afloat on even keel, FRESH water = 344.00 SHORT TONS barge neat weight + 10 tons for covers
 Cargo Hopper Volume = 87,800 Cu. Ft. (Struck)

B-117 Box Hopper with Covers