



**Heartland Fabrication**  
**1800 Paul Thomas Boulevard**  
**Brownsville, PA 15145**

November 26, 2019

**Customer: Parker Towing**

Barge Names: PTC 324 to PTC 329 (Hulls 1421-1426)  
 Barge Design: B-144  
 Barge Length - ft 200.00  
 Barge Width - ft 35.00  
 Barge Depth - ft 12.00  
 Coaming height - ft 3.00

**Model B-144 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
INCHES ↓												
0	0	81	299	517	736	954	1173	1391	1610	1828	2047	2266
1	0	99	317	536	754	972	1191	1409	1628	1847	2065	
2	0	117	336	554	772	991	1209	1428	1646	1865	2083	
3	0	136	354	572	790	1009	1227	1446	1664	1883	2102	
4	0	154	372	590	809	1027	1245	1464	1683	1901	2120	
5	0	172	390	608	827	1045	1264	1482	1701	1919	2138	
6	0	190	408	627	845	1063	1282	1500	1719	1938	2156	
7	0	208	426	645	863	1082	1300	1519	1737	1956	2174	
8	8	226	445	663	881	1100	1318	1537	1756	1974	2193	
9	26	245	463	681	900	1118	1337	1555	1774	1992	2211	
10	45	263	481	699	918	1136	1355	1573	1792	2011	2229	
11	63	281	499	718	936	1154	1373	1592	1810	2029	2247	

Table for avg reading with barge afloat on even keel, FRESH water = 357.07 SHORT TONS barge neat weight + 10 tons for covers  
 Cargo Hopper Volume = 73,260 Cu. Ft. (Struck)

## B-144 Rake Hopper with Covers