



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 (without fiberglass covers)

SHORT TONS CARGO (without covers)												
FEET →	1	2	3	4	5	6	7	8	9	10	11	12
INCHES ↓												
0	0	91	309	527	746	964	1183	1401	1620	1838	2057	2276
1	0	109	327	546	764	982	1201	1419	1638	1857	2075	
2	0	127	346	564	782	1001	1219	1438	1656	1875	2093	
3	0	146	364	582	800	1019	1237	1456	1674	1893	2112	
4	0	164	382	600	819	1037	1255	1474	1693	1911	2130	
5	0	182	400	618	837	1055	1274	1492	1711	1929	2148	
6	0	200	418	637	855	1073	1292	1510	1729	1948	2166	
7	0	218	436	655	873	1092	1310	1529	1747	1966	2184	
8	18	236	455	673	891	1110	1328	1547	1766	1984	2203	
9	36	255	473	691	910	1128	1347	1565	1784	2002	2221	
10	55	273	491	709	928	1146	1365	1583	1802	2021	2239	
11	73	291	509	728	946	1164	1383	1602	1820	2039	2257	

Table for avg reading with barge afloat on even keel, FRESH water = 347.07 SHORT TONS barge neat weight
 Cargo Hopper Volume = 73,260 Cu. Ft. (Struck)

B-144 Rake Hopper without Covers