



BARGE "HBC 307"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-6/8	01-6/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

June 11, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 307"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.98	0	362.96	0	725.83	0	1,088.46	0	1,451.09	0	1,813.97	0	2,176.85	0	2,539.73	0	2,902.52	0	3,265.27
1/4	27.39	1/4	370.52	1/4	733.39	1/4	1,096.00	1/4	1,458.65	1/4	1,821.53	1/4	2,184.41	1/4	2,547.29	1/4	2,910.07	1/4	3,272.82
1/2	31.80	1/2	378.08	1/2	740.95	1/2	1,103.55	1/2	1,466.21	1/2	1,829.09	1/2	2,191.97	1/2	2,554.85	1/2	2,917.63	1/2	3,280.38
3/4	36.20	3/4	385.64	3/4	748.51	3/4	1,111.10	3/4	1,473.77	3/4	1,836.65	3/4	2,199.53	3/4	2,562.41	3/4	2,925.19	3/4	3,287.94
1	40.61	1	393.20	1	756.07	1	1,118.65	1	1,481.33	1	1,844.21	1	2,207.09	1	2,569.97	1	2,932.75	1	3,295.50
1/4	46.28	1/4	400.76	1/4	763.62	1/4	1,126.20	1/4	1,488.89	1/4	1,851.77	1/4	2,214.65	1/4	2,577.53	1/4	2,940.30	1/4	3,303.05
1/2	51.95	1/2	408.32	1/2	771.18	1/2	1,133.74	1/2	1,496.45	1/2	1,859.33	1/2	2,222.21	1/2	2,585.09	1/2	2,947.86	1/2	3,310.61
3/4	57.62	3/4	415.88	3/4	778.74	3/4	1,141.29	3/4	1,504.01	3/4	1,866.89	3/4	2,229.77	3/4	2,592.65	3/4	2,955.42	3/4	3,318.17
2	63.29	2	423.44	2	786.30	2	1,148.84	2	1,511.57	2	1,874.45	2	2,237.33	2	2,600.21	2	2,962.97	2	3,325.73
1/4	70.22	1/4	431.00	1/4	793.86	1/4	1,156.39	1/4	1,519.13	1/4	1,882.01	1/4	2,244.89	1/4	2,607.77	1/4	2,970.53	1/4	3,333.28
1/2	77.15	1/2	438.56	1/2	801.42	1/2	1,163.93	1/2	1,526.69	1/2	1,889.57	1/2	2,252.45	1/2	2,615.33	1/2	2,978.09	1/2	3,340.84
3/4	84.07	3/4	446.12	3/4	808.98	3/4	1,171.48	3/4	1,534.25	3/4	1,897.13	3/4	2,260.01	3/4	2,622.89	3/4	2,985.65	3/4	3,348.40
3	91.00	3	453.68	3	816.54	3	1,179.03	3	1,541.81	3	1,904.69	3	2,267.57	3	2,630.45	3	2,993.20	3	3,355.95
1/4	98.52	1/4	461.24	1/4	824.10	1/4	1,186.58	1/4	1,549.37	1/4	1,912.25	1/4	2,275.13	1/4	2,638.01	1/4	3,000.76	1/4	3,363.51
1/2	106.05	1/2	468.80	1/2	831.66	1/2	1,194.13	1/2	1,556.93	1/2	1,919.81	1/2	2,282.69	1/2	2,645.57	1/2	3,008.32	1/2	3,371.07
3/4	113.57	3/4	476.36	3/4	839.22	3/4	1,201.67	3/4	1,564.49	3/4	1,927.37	3/4	2,290.25	3/4	2,653.13	3/4	3,015.88	3/4	3,378.63
4	121.10	4	483.92	4	846.78	4	1,209.22	4	1,572.05	4	1,934.93	4	2,297.81	4	2,660.68	4	3,023.43	4	3,386.18
1/4	128.65	1/4	491.48	1/4	854.34	1/4	1,216.77	1/4	1,579.61	1/4	1,942.49	1/4	2,305.37	1/4	2,668.24	1/4	3,030.99	1/4	3,393.74
1/2	136.20	1/2	499.04	1/2	861.90	1/2	1,224.32	1/2	1,587.17	1/2	1,950.05	1/2	2,312.93	1/2	2,675.80	1/2	3,038.55	1/2	3,401.30
3/4	143.74	3/4	506.59	3/4	869.46	3/4	1,231.87	3/4	1,594.73	3/4	1,957.61	3/4	2,320.49	3/4	2,683.35	3/4	3,046.11	3/4	3,408.86
5	151.29	5	514.15	5	877.02	5	1,239.41	5	1,602.29	5	1,965.17	5	2,328.05	5	2,690.91	5	3,053.66	5	3,416.41
1/4	158.85	1/4	521.71	1/4	884.58	1/4	1,246.97	1/4	1,609.85	1/4	1,972.73	1/4	2,335.61	1/4	2,698.47	1/4	3,061.22	1/4	3,423.97
1/2	166.41	1/2	529.27	1/2	892.14	1/2	1,254.53	1/2	1,617.41	1/2	1,980.29	1/2	2,343.17	1/2	2,706.03	1/2	3,068.78	1/2	3,431.53
3/4	173.97	3/4	536.83	3/4	899.70	3/4	1,262.09	3/4	1,624.97	3/4	1,987.85	3/4	2,350.73	3/4	2,713.58	3/4	3,076.33	3/4	3,439.08
6	181.53	6	544.39	6	907.26	6	1,269.65	6	1,632.53	6	1,995.41	6	2,358.29	6	2,721.14	6	3,083.89	6	3,446.64
1/4	189.09	1/4	551.95	1/4	914.82	1/4	1,277.21	1/4	1,640.09	1/4	2,002.97	1/4	2,365.85	1/4	2,728.70	1/4	3,091.45	1/4	3,454.20
1/2	196.65	1/2	559.51	1/2	922.38	1/2	1,284.77	1/2	1,647.65	1/2	2,010.53	1/2	2,373.41	1/2	2,736.26	1/2	3,099.01	1/2	3,461.76
3/4	204.21	3/4	567.07	3/4	929.94	3/4	1,292.33	3/4	1,655.21	3/4	2,018.09	3/4	2,380.97	3/4	2,743.81	3/4	3,106.56	3/4	3,469.31
7	211.77	7	574.63	7	937.50	7	1,299.89	7	1,662.77	7	2,025.65	7	2,388.53	7	2,751.37	7	3,114.12	7	3,476.87
1/4	219.33	1/4	582.19	1/4	945.05	1/4	1,307.45	1/4	1,670.33	1/4	2,033.21	1/4	2,396.09	1/4	2,758.93	1/4	3,121.68	1/4	3,484.43
1/2	226.89	1/2	589.75	1/2	952.59	1/2	1,315.01	1/2	1,677.89	1/2	2,040.77	1/2	2,403.65	1/2	2,766.49	1/2	3,129.24	1/2	3,491.99
3/4	234.45	3/4	597.31	3/4	960.14	3/4	1,322.57	3/4	1,685.45	3/4	2,048.33	3/4	2,411.21	3/4	2,774.04	3/4	3,136.79	3/4	3,499.54
8	242.01	8	604.87	8	967.69	8	1,330.13	8	1,693.01	8	2,055.89	8	2,418.77	8	2,781.60	8	3,144.35	8	3,507.10
1/4	249.57	1/4	612.43	1/4	975.24	1/4	1,337.69	1/4	1,700.57	1/4	2,063.45	1/4	2,426.33	1/4	2,789.16	1/4	3,151.91	1/4	3,514.66
1/2	257.12	1/2	619.99	1/2	982.79	1/2	1,345.25	1/2	1,708.13	1/2	2,071.01	1/2	2,433.89	1/2	2,796.71	1/2	3,159.46	1/2	3,522.22
3/4	264.68	3/4	627.55	3/4	990.33	3/4	1,352.81	3/4	1,715.69	3/4	2,078.57	3/4	2,441.45	3/4	2,804.27	3/4	3,167.02	3/4	3,529.77
9	272.24	9	635.11	9	997.88	9	1,360.37	9	1,723.25	9	2,086.13	9	2,449.01	9	2,811.83	9	3,174.58	9	3,537.33
1/4	279.80	1/4	642.67	1/4	1,005.43	1/4	1,367.93	1/4	1,730.81	1/4	2,093.69	1/4	2,456.57	1/4	2,819.39	1/4	3,182.14	1/4	3,544.89
1/2	287.36	1/2	650.23	1/2	1,012.98	1/2	1,375.49	1/2	1,738.37	1/2	2,101.25	1/2	2,464.13	1/2	2,826.94	1/2	3,189.69	1/2	3,552.44
3/4	294.92	3/4	657.79	3/4	1,020.52	3/4	1,383.05	3/4	1,745.93	3/4	2,108.81	3/4	2,471.69	3/4	2,834.50	3/4	3,197.25	3/4	3,560.00
10	302.48	10	665.35	10	1,028.07	10	1,390.61	10	1,753.49	10	2,116.37	10	2,479.25	10	2,842.06	10	3,204.81	10	3,567.56
1/4	310.04	1/4	672.91	1/4	1,035.62	1/4	1,398.17	1/4	1,761.05	1/4	2,123.93	1/4	2,486.81	1/4	2,849.62	1/4	3,212.37	1/4	3,575.12
1/2	317.60	1/2	680.47	1/2	1,043.17	1/2	1,405.73	1/2	1,768.61	1/2	2,131.49	1/2	2,494.37	1/2	2,857.17	1/2	3,219.92	1/2	3,582.67
3/4	325.16	3/4	688.03	3/4	1,050.72	3/4	1,413.29	3/4	1,776.17	3/4	2,139.05	3/4	2,501.93	3/4	2,864.73	3/4	3,227.48	3/4	3,590.23
11	332.72	11	695.59	11	1,058.26	11	1,420.85	11	1,783.73	11	2,146.61	11	2,509.49	11	2,872.29	11	3,235.04	11	3,597.79
1/4	340.28	1/4	703.15	1/4	1,065.81	1/4	1,428.41	1/4	1,791.29	1/4	2,154.17	1/4	2,517.05	1/4	2,879.84	1/4	3,242.60	1/4	3,605.35
1/2	347.84	1/2	710.71	1/2	1,073.36	1/2	1,435.97	1/2	1,798.85	1/2	2,161.73	1/2	2,524.61	1/2	2,887.40	1/2	3,250.15	1/2	3,612.90
3/4	355.40	3/4	718.27	3/4	1,080.91	3/4	1,443.53	3/4	1,806.41	3/4	2,169.29	3/4	2,532.17	3/4	2,894.96	3/4	3,257.71	3/4	3,620.46

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "HBC 307"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,628.02	0	3,990.77	0	4,353.52	0	4,711.43	0	5,051.14	0		0		0		0		0	
1/4	3,635.57	1/4	3,998.33	1/4	4,361.08	1/4	4,718.70	1/4	5,057.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,643.13	1/2	4,005.88	1/2	4,368.63	1/2	4,725.97	1/2	5,064.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,650.69	3/4	4,013.44	3/4	4,376.19	3/4	4,733.25	3/4	5,071.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,658.25	1	4,021.00	1	4,383.75	1	4,740.52	1	5,078.41	1	1	1	1	1	1	1	1	1	1
1/4	3,665.80	1/4	4,028.55	1/4	4,391.30	1/4	4,747.74	1/4	5,085.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,673.36	1/2	4,036.11	1/2	4,398.86	1/2	4,754.95	1/2	5,091.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,680.92	3/4	4,043.67	3/4	4,406.42	3/4	4,762.17	3/4	5,098.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,688.48	2	4,051.23	2	4,413.98	2	4,769.38	2	5,105.55	2	2	2	2	2	2	2	2	2	2
1/4	3,696.03	1/4	4,058.78	1/4	4,421.53	1/4	4,776.56	1/4	5,112.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,703.59	1/2	4,066.34	1/2	4,429.09	1/2	4,783.75	1/2	5,119.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,711.15	3/4	4,073.90	3/4	4,436.65	3/4	4,790.93	3/4	5,125.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,718.70	3	4,081.46	3	4,444.21	3	4,798.12	3	5,132.58	3	3	3	3	3	3	3	3	3	3
1/4	3,726.26	1/4	4,089.01	1/4	4,451.75	1/4	4,805.27	1/4	5,139.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,733.82	1/2	4,096.57	1/2	4,459.29	1/2	4,812.43	1/2	5,146.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,741.38	3/4	4,104.13	3/4	4,466.83	3/4	4,819.58	3/4	5,152.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,748.93	4	4,111.68	4	4,474.37	4	4,826.74	4	5,159.44	4	4	4	4	4	4	4	4	4	4
1/4	3,756.49	1/4	4,119.24	1/4	4,481.88	1/4	4,833.86	1/4	5,166.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,764.05	1/2	4,126.80	1/2	4,489.40	1/2	4,840.99	1/2	5,172.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,771.61	3/4	4,134.36	3/4	4,496.91	3/4	4,848.11	3/4	5,179.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,779.16	5	4,141.91	5	4,504.42	5	4,855.24	5	5,186.09	5	5	5	5	5	5	5	5	5	5
1/4	3,786.72	1/4	4,149.47	1/4	4,511.90	1/4	4,862.33	1/4	5,192.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,794.28	1/2	4,157.03	1/2	4,519.39	1/2	4,869.43	1/2	5,198.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,801.84	3/4	4,164.59	3/4	4,526.87	3/4	4,876.52	3/4	5,204.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,809.39	6	4,172.14	6	4,534.35	6	4,883.62	6	5,210.23	6	6	6	6	6	6	6	6	6	6
1/4	3,816.95	1/4	4,179.70	1/4	4,541.81	1/4	4,890.68	1/4	5,215.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,824.51	1/2	4,187.26	1/2	4,549.26	1/2	4,897.75	1/2	5,221.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,832.06	3/4	4,194.81	3/4	4,556.71	3/4	4,904.82	3/4	5,226.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,839.62	7	4,202.37	7	4,564.16	7	4,911.88	7	5,232.51	7	7	7	7	7	7	7	7	7	7
1/4	3,847.18	1/4	4,209.93	1/4	4,571.59	1/4	4,918.92	1/4	5,236.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,854.74	1/2	4,217.49	1/2	4,579.01	1/2	4,925.95	1/2	5,241.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,862.29	3/4	4,225.04	3/4	4,586.43	3/4	4,932.99	3/4	5,245.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,869.85	8	4,232.60	8	4,593.86	8	4,940.02	8	5,249.85	8	8	8	8	8	8	8	8	8	8
1/4	3,877.41	1/4	4,240.16	1/4	4,601.25	1/4	4,947.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,884.97	1/2	4,247.72	1/2	4,608.64	1/2	4,954.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,892.52	3/4	4,255.27	3/4	4,616.03	3/4	4,961.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,900.08	9	4,262.83	9	4,623.43	9	4,968.05	9		9	9	9	9	9	9	9	9	9	9
1/4	3,907.64	1/4	4,270.39	1/4	4,630.79	1/4	4,975.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,915.19	1/2	4,277.95	1/2	4,638.15	1/2	4,982.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,922.75	3/4	4,285.50	3/4	4,645.52	3/4	4,988.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,930.31	10	4,293.06	10	4,652.88	10	4,995.96	10		10	10	10	10	10	10	10	10	10	10
1/4	3,937.87	1/4	4,300.62	1/4	4,660.21	1/4	5,002.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,945.42	1/2	4,308.17	1/2	4,667.55	1/2	5,009.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,952.98	3/4	4,315.73	3/4	4,674.88	3/4	5,016.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,960.54	11	4,323.29	11	4,682.21	11	5,023.75	11		11	11	11	11	11	11	11	11	11	11
1/4	3,968.10	1/4	4,330.85	1/4	4,689.52	1/4	5,030.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,975.65	1/2	4,338.40	1/2	4,696.82	1/2	5,037.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,983.21	3/4	4,345.96	3/4	4,704.12	3/4	5,044.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HBC 307"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.98	0	362.96	0	725.83	0	1,087.51	0	1,449.19	0	1,812.07	0	2,174.95	0	2,537.83	0	2,900.62	0	3,263.37
1/4	27.39	1/4	370.52	1/4	733.39	1/4	1,095.02	1/4	1,456.75	1/4	1,819.63	1/4	2,182.51	1/4	2,545.39	1/4	2,908.17	1/4	3,270.92
1/2	31.80	1/2	378.08	1/2	740.95	1/2	1,102.52	1/2	1,464.31	1/2	1,827.19	1/2	2,190.07	1/2	2,552.95	1/2	2,915.73	1/2	3,278.48
3/4	36.20	3/4	385.64	3/4	748.51	3/4	1,110.03	3/4	1,471.87	3/4	1,834.75	3/4	2,197.63	3/4	2,560.51	3/4	2,923.29	3/4	3,286.04
1	40.61	1	393.20	1	756.06	1	1,117.54	1	1,479.43	1	1,842.31	1	2,205.19	1	2,568.07	1	2,930.84	1	3,293.60
1/4	46.28	1/4	400.76	1/4	763.62	1/4	1,125.05	1/4	1,486.99	1/4	1,849.87	1/4	2,212.75	1/4	2,575.63	1/4	2,938.40	1/4	3,301.15
1/2	51.95	1/2	408.32	1/2	771.18	1/2	1,132.56	1/2	1,494.55	1/2	1,857.43	1/2	2,220.31	1/2	2,583.19	1/2	2,945.96	1/2	3,308.71
3/4	57.62	3/4	415.88	3/4	778.74	3/4	1,140.07	3/4	1,502.11	3/4	1,864.99	3/4	2,227.87	3/4	2,590.75	3/4	2,953.52	3/4	3,316.27
2	63.29	2	423.44	2	786.30	2	1,147.57	2	1,509.67	2	1,872.55	2	2,235.43	2	2,598.31	2	2,961.07	2	3,323.82
1/4	70.22	1/4	431.00	1/4	793.86	1/4	1,155.08	1/4	1,517.23	1/4	1,880.11	1/4	2,242.99	1/4	2,605.87	1/4	2,968.63	1/4	3,331.38
1/2	77.15	1/2	438.56	1/2	801.42	1/2	1,162.59	1/2	1,524.79	1/2	1,887.67	1/2	2,250.55	1/2	2,613.43	1/2	2,976.19	1/2	3,338.94
3/4	84.07	3/4	446.12	3/4	808.98	3/4	1,170.10	3/4	1,532.35	3/4	1,895.23	3/4	2,258.11	3/4	2,620.99	3/4	2,983.75	3/4	3,346.50
3	91.00	3	453.68	3	816.54	3	1,177.61	3	1,539.91	3	1,902.79	3	2,265.67	3	2,628.55	3	2,991.30	3	3,354.05
1/4	98.52	1/4	461.24	1/4	824.10	1/4	1,185.11	1/4	1,547.47	1/4	1,910.35	1/4	2,273.23	1/4	2,636.11	1/4	2,998.86	1/4	3,361.61
1/2	106.05	1/2	468.80	1/2	831.66	1/2	1,192.62	1/2	1,555.03	1/2	1,917.91	1/2	2,280.79	1/2	2,643.67	1/2	3,006.42	1/2	3,369.17
3/4	113.57	3/4	476.36	3/4	839.22	3/4	1,200.13	3/4	1,562.59	3/4	1,925.47	3/4	2,288.35	3/4	2,651.22	3/4	3,013.98	3/4	3,376.73
4	121.10	4	483.92	4	846.78	4	1,207.64	4	1,570.15	4	1,933.03	4	2,295.91	4	2,658.78	4	3,021.53	4	3,384.28
1/4	128.65	1/4	491.48	1/4	854.34	1/4	1,215.15	1/4	1,577.71	1/4	1,940.59	1/4	2,303.47	1/4	2,666.34	1/4	3,029.09	1/4	3,391.84
1/2	136.20	1/2	499.04	1/2	861.90	1/2	1,222.66	1/2	1,585.27	1/2	1,948.15	1/2	2,311.03	1/2	2,673.90	1/2	3,036.65	1/2	3,399.40
3/4	143.74	3/4	506.59	3/4	869.46	3/4	1,230.16	3/4	1,592.83	3/4	1,955.71	3/4	2,318.59	3/4	2,681.45	3/4	3,044.20	3/4	3,406.95
5	151.29	5	514.15	5	877.02	5	1,237.67	5	1,600.39	5	1,963.27	5	2,326.15	5	2,689.01	5	3,051.76	5	3,414.51
1/4	158.85	1/4	521.71	1/4	884.58	1/4	1,245.19	1/4	1,607.95	1/4	1,970.83	1/4	2,333.71	1/4	2,696.57	1/4	3,059.32	1/4	3,422.07
1/2	166.41	1/2	529.27	1/2	892.14	1/2	1,252.71	1/2	1,615.51	1/2	1,978.39	1/2	2,341.27	1/2	2,704.13	1/2	3,066.88	1/2	3,429.63
3/4	173.97	3/4	536.83	3/4	899.70	3/4	1,260.23	3/4	1,623.07	3/4	1,985.95	3/4	2,348.83	3/4	2,711.68	3/4	3,074.43	3/4	3,437.18
6	181.53	6	544.39	6	907.26	6	1,267.75	6	1,630.63	6	1,993.51	6	2,356.39	6	2,719.24	6	3,081.99	6	3,444.74
1/4	189.09	1/4	551.95	1/4	914.78	1/4	1,275.31	1/4	1,638.19	1/4	2,001.07	1/4	2,363.95	1/4	2,726.80	1/4	3,089.55	1/4	3,452.30
1/2	196.65	1/2	559.51	1/2	922.30	1/2	1,282.87	1/2	1,645.75	1/2	2,008.63	1/2	2,371.51	1/2	2,734.35	1/2	3,097.11	1/2	3,459.86
3/4	204.21	3/4	567.07	3/4	929.82	3/4	1,290.43	3/4	1,653.31	3/4	2,016.19	3/4	2,379.07	3/4	2,741.91	3/4	3,104.66	3/4	3,467.41
7	211.77	7	574.63	7	937.34	7	1,297.99	7	1,660.87	7	2,023.75	7	2,386.63	7	2,749.47	7	3,112.22	7	3,474.97
1/4	219.33	1/4	582.19	1/4	944.85	1/4	1,305.55	1/4	1,668.43	1/4	2,031.31	1/4	2,394.19	1/4	2,757.03	1/4	3,119.78	1/4	3,482.53
1/2	226.89	1/2	589.75	1/2	952.36	1/2	1,313.11	1/2	1,675.99	1/2	2,038.87	1/2	2,401.75	1/2	2,764.58	1/2	3,127.33	1/2	3,490.08
3/4	234.45	3/4	597.31	3/4	959.87	3/4	1,320.67	3/4	1,683.55	3/4	2,046.43	3/4	2,409.31	3/4	2,772.14	3/4	3,134.89	3/4	3,497.64
8	242.01	8	604.87	8	967.38	8	1,328.23	8	1,691.11	8	2,053.99	8	2,416.87	8	2,779.70	8	3,142.45	8	3,505.20
1/4	249.56	1/4	612.43	1/4	974.88	1/4	1,335.79	1/4	1,698.67	1/4	2,061.55	1/4	2,424.43	1/4	2,787.26	1/4	3,150.01	1/4	3,512.76
1/2	257.12	1/2	619.99	1/2	982.39	1/2	1,343.35	1/2	1,706.23	1/2	2,069.11	1/2	2,431.99	1/2	2,794.81	1/2	3,157.56	1/2	3,520.31
3/4	264.68	3/4	627.55	3/4	989.90	3/4	1,350.91	3/4	1,713.79	3/4	2,076.67	3/4	2,439.55	3/4	2,802.37	3/4	3,165.12	3/4	3,527.87
9	272.24	9	635.11	9	997.41	9	1,358.47	9	1,721.35	9	2,084.23	9	2,447.11	9	2,809.93	9	3,172.68	9	3,535.43
1/4	279.80	1/4	642.67	1/4	1,004.92	1/4	1,366.03	1/4	1,728.91	1/4	2,091.79	1/4	2,454.67	1/4	2,817.49	1/4	3,180.24	1/4	3,542.99
1/2	287.36	1/2	650.23	1/2	1,012.43	1/2	1,373.59	1/2	1,736.47	1/2	2,099.35	1/2	2,462.23	1/2	2,825.04	1/2	3,187.79	1/2	3,550.54
3/4	294.92	3/4	657.79	3/4	1,019.93	3/4	1,381.15	3/4	1,744.03	3/4	2,106.91	3/4	2,469.79	3/4	2,832.60	3/4	3,195.35	3/4	3,558.10
10	302.48	10	665.35	10	1,027.44	10	1,388.71	10	1,751.59	10	2,114.47	10	2,477.35	10	2,840.16	10	3,202.91	10	3,565.66
1/4	310.04	1/4	672.91	1/4	1,034.95	1/4	1,396.27	1/4	1,759.15	1/4	2,122.03	1/4	2,484.91	1/4	2,847.71	1/4	3,210.46	1/4	3,573.22
1/2	317.60	1/2	680.47	1/2	1,042.46	1/2	1,403.83	1/2	1,766.71	1/2	2,129.59	1/2	2,492.47	1/2	2,855.27	1/2	3,218.02	1/2	3,580.77
3/4	325.16	3/4	688.03	3/4	1,049.97	3/4	1,411.39	3/4	1,774.27	3/4	2,137.15	3/4	2,500.03	3/4	2,862.83	3/4	3,225.58	3/4	3,588.33
11	332.72	11	695.59	11	1,057.47	11	1,418.95	11	1,781.83	11	2,144.71	11	2,507.59	11	2,870.39	11	3,233.14	11	3,595.89
1/4	340.28	1/4	703.15	1/4	1,064.98	1/4	1,426.51	1/4	1,789.39	1/4	2,152.27	1/4	2,515.15	1/4	2,877.94	1/4	3,240.69	1/4	3,603.44
1/2	347.84	1/2	710.71	1/2	1,072.49	1/2	1,434.07	1/2	1,796.95	1/2	2,159.83	1/2	2,522.71	1/2	2,885.50	1/2	3,248.25	1/2	3,611.00
3/4	355.40	3/4	718.27	3/4	1,080.00	3/4	1,441.63	3/4	1,804.51	3/4	2,167.39	3/4	2,530.27	3/4	2,893.06	3/4	3,255.81	3/4	3,618.56

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 307"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,626.12	0	3,988.87	0	4,351.62	0	4,709.53	0	5,049.24	0		0		0		0		0	
1/4	3,633.67	1/4	3,996.42	1/4	4,359.17	1/4	4,716.80	1/4	5,056.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.23	1/2	4,003.98	1/2	4,366.73	1/2	4,724.07	1/2	5,062.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.79	3/4	4,011.54	3/4	4,374.29	3/4	4,731.35	3/4	5,069.69	3/4		3/4		3/4		3/4		3/4	
1	3,656.35	1	4,019.10	1	4,381.85	1	4,738.62	1	5,076.50	1		1		1		1		1	
1/4	3,663.90	1/4	4,026.65	1/4	4,389.40	1/4	4,745.84	1/4	5,083.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.46	1/2	4,034.21	1/2	4,396.96	1/2	4,753.05	1/2	5,090.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.02	3/4	4,041.77	3/4	4,404.52	3/4	4,760.26	3/4	5,096.86	3/4		3/4		3/4		3/4		3/4	
2	3,686.57	2	4,049.33	2	4,412.08	2	4,767.48	2	5,103.65	2		2		2		2		2	
1/4	3,694.13	1/4	4,056.88	1/4	4,419.63	1/4	4,774.66	1/4	5,110.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,701.69	1/2	4,064.44	1/2	4,427.19	1/2	4,781.85	1/2	5,117.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.25	3/4	4,072.00	3/4	4,434.75	3/4	4,789.03	3/4	5,123.92	3/4		3/4		3/4		3/4		3/4	
3	3,716.80	3	4,079.55	3	4,442.30	3	4,796.22	3	5,130.67	3		3		3		3		3	
1/4	3,724.36	1/4	4,087.11	1/4	4,449.85	1/4	4,803.37	1/4	5,137.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,731.92	1/2	4,094.67	1/2	4,457.39	1/2	4,810.53	1/2	5,144.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,739.48	3/4	4,102.23	3/4	4,464.93	3/4	4,817.68	3/4	5,150.82	3/4		3/4		3/4		3/4		3/4	
4	3,747.03	4	4,109.78	4	4,472.47	4	4,824.84	4	5,157.54	4		4		4		4		4	
1/4	3,754.59	1/4	4,117.34	1/4	4,479.98	1/4	4,831.96	1/4	5,164.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,762.15	1/2	4,124.90	1/2	4,487.50	1/2	4,839.09	1/2	5,170.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,769.71	3/4	4,132.46	3/4	4,495.01	3/4	4,846.21	3/4	5,177.53	3/4		3/4		3/4		3/4		3/4	
5	3,777.26	5	4,140.01	5	4,502.52	5	4,853.34	5	5,184.19	5		5		5		5		5	
1/4	3,784.82	1/4	4,147.57	1/4	4,510.00	1/4	4,860.43	1/4	5,190.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,792.38	1/2	4,155.13	1/2	4,517.49	1/2	4,867.53	1/2	5,196.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,799.93	3/4	4,162.68	3/4	4,524.97	3/4	4,874.62	3/4	5,202.29	3/4		3/4		3/4		3/4		3/4	
6	3,807.49	6	4,170.24	6	4,532.45	6	4,881.72	6	5,208.33	6		6		6		6		6	
1/4	3,815.05	1/4	4,177.80	1/4	4,539.90	1/4	4,888.78	1/4	5,213.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,822.61	1/2	4,185.36	1/2	4,547.36	1/2	4,895.85	1/2	5,219.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,830.16	3/4	4,192.91	3/4	4,554.81	3/4	4,902.91	3/4	5,225.03	3/4		3/4		3/4		3/4		3/4	
7	3,837.72	7	4,200.47	7	4,562.26	7	4,909.98	7	5,230.60	7		7		7		7		7	
1/4	3,845.28	1/4	4,208.03	1/4	4,569.69	1/4	4,917.01	1/4	5,234.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,852.84	1/2	4,215.59	1/2	4,577.11	1/2	4,924.05	1/2	5,239.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,860.39	3/4	4,223.14	3/4	4,584.53	3/4	4,931.09	3/4	5,243.61	3/4		3/4		3/4		3/4		3/4	
8	3,867.95	8	4,230.70	8	4,591.95	8	4,938.12	8	5,247.95	8		8		8		8		8	
1/4	3,875.51	1/4	4,238.26	1/4	4,599.35	1/4	4,945.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,883.06	1/2	4,245.81	1/2	4,606.74	1/2	4,952.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,890.62	3/4	4,253.37	3/4	4,614.13	3/4	4,959.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,898.18	9	4,260.93	9	4,621.53	9	4,966.14	9		9		9		9		9		9	
1/4	3,905.74	1/4	4,268.49	1/4	4,628.89	1/4	4,973.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,913.29	1/2	4,276.04	1/2	4,636.25	1/2	4,980.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,920.85	3/4	4,283.60	3/4	4,643.62	3/4	4,987.08	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,928.41	10	4,291.16	10	4,650.98	10	4,994.06	10		10		10		10		10		10	
1/4	3,935.97	1/4	4,298.72	1/4	4,658.31	1/4	5,001.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,943.52	1/2	4,306.27	1/2	4,665.65	1/2	5,007.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.08	3/4	4,313.83	3/4	4,672.98	3/4	5,014.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,958.64	11	4,321.39	11	4,680.31	11	5,021.85	11		11		11		11		11		11	
1/4	3,966.19	1/4	4,328.95	1/4	4,687.62	1/4	5,028.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,973.75	1/2	4,336.50	1/2	4,694.92	1/2	5,035.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,981.31	3/4	4,344.06	3/4	4,702.22	3/4	5,042.39	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HBC 307"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.87	0	361.27	0	722.44	0	1,083.37	0	1,444.31	0	1,805.50	0	2,166.68	0	2,527.87	0	2,888.96	0	3,250.01
1/4	27.26	1/4	368.79	1/4	729.96	1/4	1,090.88	1/4	1,451.84	1/4	1,813.02	1/4	2,174.21	1/4	2,535.39	1/4	2,896.48	1/4	3,257.53
1/2	31.65	1/2	376.31	1/2	737.49	1/2	1,098.40	1/2	1,459.36	1/2	1,820.55	1/2	2,181.73	1/2	2,542.92	1/2	2,904.00	1/2	3,265.06
3/4	36.04	3/4	383.84	3/4	745.01	3/4	1,105.91	3/4	1,466.89	3/4	1,828.07	3/4	2,189.26	3/4	2,550.44	3/4	2,911.52	3/4	3,272.58
1	40.42	1	391.36	1	752.53	1	1,113.42	1	1,474.41	1	1,835.60	1	2,196.78	1	2,557.97	1	2,919.04	1	3,280.10
1/4	46.07	1/4	398.89	1/4	760.06	1/4	1,120.93	1/4	1,481.94	1/4	1,843.12	1/4	2,204.31	1/4	2,565.49	1/4	2,926.57	1/4	3,287.62
1/2	51.71	1/2	406.41	1/2	767.58	1/2	1,128.45	1/2	1,489.46	1/2	1,850.65	1/2	2,211.83	1/2	2,573.02	1/2	2,934.09	1/2	3,295.14
3/4	57.35	3/4	413.94	3/4	775.11	3/4	1,135.96	3/4	1,496.98	3/4	1,858.17	3/4	2,219.36	3/4	2,580.54	3/4	2,941.61	3/4	3,302.67
2	62.99	2	421.46	2	782.63	2	1,143.47	2	1,504.51	2	1,865.69	2	2,226.88	2	2,588.07	2	2,949.13	2	3,310.19
1/4	69.89	1/4	428.99	1/4	790.16	1/4	1,150.98	1/4	1,512.03	1/4	1,873.22	1/4	2,234.41	1/4	2,595.59	1/4	2,956.65	1/4	3,317.71
1/2	76.79	1/2	436.51	1/2	797.68	1/2	1,158.50	1/2	1,519.56	1/2	1,880.74	1/2	2,241.93	1/2	2,603.12	1/2	2,964.18	1/2	3,325.23
3/4	83.68	3/4	444.03	3/4	805.21	3/4	1,166.01	3/4	1,527.08	3/4	1,888.27	3/4	2,249.45	3/4	2,610.64	3/4	2,971.70	3/4	3,332.75
3	90.58	3	451.56	3	812.73	3	1,173.52	3	1,534.61	3	1,895.79	3	2,256.98	3	2,618.16	3	2,979.22	3	3,340.28
1/4	98.06	1/4	459.08	1/4	820.25	1/4	1,181.03	1/4	1,542.13	1/4	1,903.32	1/4	2,264.50	1/4	2,625.69	1/4	2,986.74	1/4	3,347.80
1/2	105.55	1/2	466.61	1/2	827.78	1/2	1,188.55	1/2	1,549.66	1/2	1,910.84	1/2	2,272.03	1/2	2,633.21	1/2	2,994.26	1/2	3,355.32
3/4	113.04	3/4	474.13	3/4	835.30	3/4	1,196.06	3/4	1,557.18	3/4	1,918.37	3/4	2,279.55	3/4	2,640.73	3/4	3,001.79	3/4	3,362.84
4	120.53	4	481.66	4	842.83	4	1,203.57	4	1,564.71	4	1,925.89	4	2,287.08	4	2,648.25	4	3,009.31	4	3,370.36
1/4	128.05	1/4	489.18	1/4	850.35	1/4	1,211.08	1/4	1,572.23	1/4	1,933.42	1/4	2,294.60	1/4	2,655.77	1/4	3,016.83	1/4	3,377.89
1/2	135.56	1/2	496.70	1/2	857.88	1/2	1,218.60	1/2	1,579.76	1/2	1,940.94	1/2	2,302.13	1/2	2,663.30	1/2	3,024.35	1/2	3,385.41
3/4	143.07	3/4	504.23	3/4	865.40	3/4	1,226.11	3/4	1,587.28	3/4	1,948.47	3/4	2,309.65	3/4	2,670.82	3/4	3,031.87	3/4	3,392.93
5	150.59	5	511.75	5	872.92	5	1,233.62	5	1,594.81	5	1,955.99	5	2,317.18	5	2,678.34	5	3,039.40	5	3,400.45
1/4	158.11	1/4	519.28	1/4	880.45	1/4	1,241.14	1/4	1,602.33	1/4	1,963.52	1/4	2,324.70	1/4	2,685.86	1/4	3,046.92	1/4	3,407.97
1/2	165.63	1/2	526.80	1/2	887.97	1/2	1,248.67	1/2	1,609.86	1/2	1,971.04	1/2	2,332.23	1/2	2,693.38	1/2	3,054.44	1/2	3,415.50
3/4	173.16	3/4	534.33	3/4	895.50	3/4	1,256.19	3/4	1,617.38	3/4	1,978.57	3/4	2,339.75	3/4	2,700.91	3/4	3,061.96	3/4	3,423.02
6	180.68	6	541.85	6	903.02	6	1,263.72	6	1,624.90	6	1,986.09	6	2,347.28	6	2,708.43	6	3,069.48	6	3,430.54
1/4	188.20	1/4	549.38	1/4	910.55	1/4	1,271.24	1/4	1,632.43	1/4	1,993.61	1/4	2,354.80	1/4	2,715.95	1/4	3,077.01	1/4	3,438.06
1/2	195.73	1/2	556.90	1/2	918.07	1/2	1,278.77	1/2	1,639.95	1/2	2,001.14	1/2	2,362.33	1/2	2,723.47	1/2	3,084.53	1/2	3,445.58
3/4	203.25	3/4	564.42	3/4	925.60	3/4	1,286.29	3/4	1,647.48	3/4	2,008.66	3/4	2,369.85	3/4	2,730.99	3/4	3,092.05	3/4	3,453.11
7	210.78	7	571.95	7	933.12	7	1,293.82	7	1,655.00	7	2,016.19	7	2,377.37	7	2,738.52	7	3,099.57	7	3,460.63
1/4	218.30	1/4	579.47	1/4	940.63	1/4	1,301.34	1/4	1,662.53	1/4	2,023.71	1/4	2,384.90	1/4	2,746.04	1/4	3,107.09	1/4	3,468.15
1/2	225.83	1/2	587.00	1/2	948.15	1/2	1,308.87	1/2	1,670.05	1/2	2,031.24	1/2	2,392.42	1/2	2,753.56	1/2	3,114.62	1/2	3,475.67
3/4	233.35	3/4	594.52	3/4	955.66	3/4	1,316.39	3/4	1,677.58	3/4	2,038.76	3/4	2,399.95	3/4	2,761.08	3/4	3,122.14	3/4	3,483.19
8	240.88	8	602.05	8	963.17	8	1,323.92	8	1,685.10	8	2,046.29	8	2,407.47	8	2,768.60	8	3,129.66	8	3,490.72
1/4	248.40	1/4	609.57	1/4	970.68	1/4	1,331.44	1/4	1,692.63	1/4	2,053.81	1/4	2,415.00	1/4	2,776.13	1/4	3,137.18	1/4	3,498.24
1/2	255.92	1/2	617.10	1/2	978.20	1/2	1,338.97	1/2	1,700.15	1/2	2,061.34	1/2	2,422.52	1/2	2,783.65	1/2	3,144.70	1/2	3,505.76
3/4	263.45	3/4	624.62	3/4	985.71	3/4	1,346.49	3/4	1,707.68	3/4	2,068.86	3/4	2,430.05	3/4	2,791.17	3/4	3,152.23	3/4	3,513.28
9	270.97	9	632.14	9	993.22	9	1,354.02	9	1,715.20	9	2,076.39	9	2,437.57	9	2,798.69	9	3,159.75	9	3,520.80
1/4	278.50	1/4	639.67	1/4	1,000.73	1/4	1,361.54	1/4	1,722.73	1/4	2,083.91	1/4	2,445.10	1/4	2,806.21	1/4	3,167.27	1/4	3,528.33
1/2	286.02	1/2	647.19	1/2	1,008.25	1/2	1,369.06	1/2	1,730.25	1/2	2,091.44	1/2	2,452.62	1/2	2,813.74	1/2	3,174.79	1/2	3,535.85
3/4	293.55	3/4	654.72	3/4	1,015.76	3/4	1,376.59	3/4	1,737.78	3/4	2,098.96	3/4	2,460.15	3/4	2,821.26	3/4	3,182.31	3/4	3,543.37
10	301.07	10	662.24	10	1,023.27	10	1,384.11	10	1,745.30	10	2,106.49	10	2,467.67	10	2,828.78	10	3,189.84	10	3,550.89
1/4	308.59	1/4	669.77	1/4	1,030.78	1/4	1,391.64	1/4	1,752.82	1/4	2,114.01	1/4	2,475.20	1/4	2,836.30	1/4	3,197.36	1/4	3,558.41
1/2	316.12	1/2	677.29	1/2	1,038.30	1/2	1,399.16	1/2	1,760.35	1/2	2,121.53	1/2	2,482.72	1/2	2,843.82	1/2	3,204.88	1/2	3,565.94
3/4	323.64	3/4	684.81	3/4	1,045.81	3/4	1,406.69	3/4	1,767.87	3/4	2,129.06	3/4	2,490.24	3/4	2,851.35	3/4	3,212.40	3/4	3,573.46
11	331.17	11	692.34	11	1,053.32	11	1,414.21	11	1,775.40	11	2,136.58	11	2,497.77	11	2,858.87	11	3,219.92	11	3,580.98
1/4	338.69	1/4	699.86	1/4	1,060.83	1/4	1,421.74	1/4	1,782.92	1/4	2,144.11	1/4	2,505.29	1/4	2,866.39	1/4	3,227.45	1/4	3,588.50
1/2	346.22	1/2	707.39	1/2	1,068.35	1/2	1,429.26	1/2	1,790.45	1/2	2,151.63	1/2	2,512.82	1/2	2,873.91	1/2	3,234.97	1/2	3,596.02
3/4	353.74	3/4	714.91	3/4	1,075.86	3/4	1,436.79	3/4	1,797.97	3/4	2,159.16	3/4	2,520.34	3/4	2,881.43	3/4	3,242.49	3/4	3,603.55

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 307"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,611.07	0	3,972.12	0	4,333.18	0	4,689.41	0	5,027.51	0		0		0		0		0	
1/4	3,618.59	1/4	3,979.65	1/4	4,340.70	1/4	4,696.65	1/4	5,034.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.11	1/2	3,987.17	1/2	4,348.22	1/2	4,703.89	1/2	5,041.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.63	3/4	3,994.69	3/4	4,355.75	3/4	4,711.13	3/4	5,047.87	3/4		3/4		3/4		3/4		3/4	
1	3,641.16	1	4,002.21	1	4,363.27	1	4,718.37	1	5,054.65	1		1		1		1		1	
1/4	3,648.68	1/4	4,009.73	1/4	4,370.79	1/4	4,725.55	1/4	5,061.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.20	1/2	4,017.26	1/2	4,378.31	1/2	4,732.73	1/2	5,068.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.72	3/4	4,024.78	3/4	4,385.83	3/4	4,739.91	3/4	5,074.91	3/4		3/4		3/4		3/4		3/4	
2	3,671.24	2	4,032.30	2	4,393.36	2	4,747.09	2	5,081.67	2		2		2		2		2	
1/4	3,678.77	1/4	4,039.82	1/4	4,400.88	1/4	4,754.24	1/4	5,088.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.29	1/2	4,047.34	1/2	4,408.40	1/2	4,761.39	1/2	5,095.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.81	3/4	4,054.87	3/4	4,415.92	3/4	4,768.54	3/4	5,101.84	3/4		3/4		3/4		3/4		3/4	
3	3,701.33	3	4,062.39	3	4,423.44	3	4,775.69	3	5,108.56	3		3		3		3		3	
1/4	3,708.85	1/4	4,069.91	1/4	4,430.95	1/4	4,782.81	1/4	5,115.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,716.38	1/2	4,077.43	1/2	4,438.45	1/2	4,789.93	1/2	5,121.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,723.90	3/4	4,084.95	3/4	4,445.96	3/4	4,797.05	3/4	5,128.62	3/4		3/4		3/4		3/4		3/4	
4	3,731.42	4	4,092.48	4	4,453.46	4	4,804.18	4	5,135.30	4		4		4		4		4	
1/4	3,738.94	1/4	4,100.00	1/4	4,460.94	1/4	4,811.27	1/4	5,141.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,746.46	1/2	4,107.52	1/2	4,468.42	1/2	4,818.36	1/2	5,148.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,753.99	3/4	4,115.04	3/4	4,475.90	3/4	4,825.45	3/4	5,155.19	3/4		3/4		3/4		3/4		3/4	
5	3,761.51	5	4,122.56	5	4,483.37	5	4,832.54	5	5,161.82	5		5		5		5		5	
1/4	3,769.03	1/4	4,130.09	1/4	4,490.82	1/4	4,839.60	1/4	5,167.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,776.55	1/2	4,137.61	1/2	4,498.27	1/2	4,846.66	1/2	5,173.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,784.07	3/4	4,145.13	3/4	4,505.72	3/4	4,853.73	3/4	5,179.84	3/4		3/4		3/4		3/4		3/4	
6	3,791.60	6	4,152.65	6	4,513.16	6	4,860.79	6	5,185.85	6		6		6		6		6	
1/4	3,799.12	1/4	4,160.17	1/4	4,520.58	1/4	4,867.82	1/4	5,191.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,806.64	1/2	4,167.70	1/2	4,528.00	1/2	4,874.85	1/2	5,196.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,814.16	3/4	4,175.22	3/4	4,535.42	3/4	4,881.88	3/4	5,202.47	3/4		3/4		3/4		3/4		3/4	
7	3,821.68	7	4,182.74	7	4,542.83	7	4,888.92	7	5,208.02	7		7		7		7		7	
1/4	3,829.21	1/4	4,190.26	1/4	4,550.22	1/4	4,895.92	1/4	5,212.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,836.73	1/2	4,197.78	1/2	4,557.61	1/2	4,902.92	1/2	5,216.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,844.25	3/4	4,205.31	3/4	4,565.00	3/4	4,909.92	3/4	5,220.96	3/4		3/4		3/4		3/4		3/4	
8	3,851.77	8	4,212.83	8	4,572.39	8	4,916.92	8	5,225.28	8		8		8		8		8	
1/4	3,859.29	1/4	4,220.35	1/4	4,579.75	1/4	4,923.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.82	1/2	4,227.87	1/2	4,587.10	1/2	4,930.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.34	3/4	4,235.39	3/4	4,594.46	3/4	4,937.84	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,881.86	9	4,242.92	9	4,601.82	9	4,944.81	9		9		9		9		9		9	
1/4	3,889.38	1/4	4,250.44	1/4	4,609.15	1/4	4,951.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.90	1/2	4,257.96	1/2	4,616.48	1/2	4,958.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.43	3/4	4,265.48	3/4	4,623.81	3/4	4,965.65	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,911.95	10	4,273.00	10	4,631.13	10	4,972.59	10		10		10		10		10		10	
1/4	3,919.47	1/4	4,280.53	1/4	4,638.43	1/4	4,979.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.99	1/2	4,288.05	1/2	4,645.73	1/2	4,986.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.51	3/4	4,295.57	3/4	4,653.03	3/4	4,993.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,942.04	11	4,303.09	11	4,660.33	11	5,000.26	11		11		11		11		11		11	
1/4	3,949.56	1/4	4,310.61	1/4	4,667.60	1/4	5,007.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.08	1/2	4,318.14	1/2	4,674.87	1/2	5,013.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,964.60	3/4	4,325.66	3/4	4,682.14	3/4	5,020.70	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HBC 307"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.86	0	361.14	0	722.18	0	1,075.04	0	1,427.92	0	1,788.98	0	2,150.03	0	2,511.09	0	2,872.04	0	3,232.96
1/4	27.25	1/4	368.66	1/4	729.70	1/4	1,082.22	1/4	1,435.44	1/4	1,796.50	1/4	2,157.55	1/4	2,518.61	1/4	2,879.56	1/4	3,240.48
1/2	31.64	1/2	376.18	1/2	737.22	1/2	1,089.40	1/2	1,442.96	1/2	1,804.02	1/2	2,165.08	1/2	2,526.13	1/2	2,887.08	1/2	3,248.00
3/4	36.02	3/4	383.70	3/4	744.74	3/4	1,096.58	3/4	1,450.49	3/4	1,811.54	3/4	2,172.60	3/4	2,533.65	3/4	2,894.60	3/4	3,255.52
1	40.41	1	391.22	1	752.26	1	1,103.76	1	1,458.01	1	1,819.06	1	2,180.12	1	2,541.18	1	2,902.12	1	3,263.04
1/4	46.05	1/4	398.74	1/4	759.79	1/4	1,110.94	1/4	1,465.53	1/4	1,826.59	1/4	2,187.64	1/4	2,548.70	1/4	2,909.64	1/4	3,270.56
1/2	51.69	1/2	406.27	1/2	767.31	1/2	1,118.12	1/2	1,473.05	1/2	1,834.11	1/2	2,195.16	1/2	2,556.22	1/2	2,917.16	1/2	3,278.08
3/4	57.33	3/4	413.79	3/4	774.83	3/4	1,125.30	3/4	1,480.57	3/4	1,841.63	3/4	2,202.69	3/4	2,563.74	3/4	2,924.68	3/4	3,285.60
2	62.97	2	421.31	2	782.35	2	1,132.48	2	1,488.10	2	1,849.15	2	2,210.21	2	2,571.26	2	2,932.20	2	3,293.12
1/4	69.86	1/4	428.83	1/4	789.87	1/4	1,139.66	1/4	1,495.62	1/4	1,856.67	1/4	2,217.73	1/4	2,578.79	1/4	2,939.72	1/4	3,300.64
1/2	76.76	1/2	436.35	1/2	797.39	1/2	1,146.84	1/2	1,503.14	1/2	1,864.20	1/2	2,225.25	1/2	2,586.31	1/2	2,947.24	1/2	3,308.16
3/4	83.65	3/4	443.87	3/4	804.92	3/4	1,154.01	3/4	1,510.66	3/4	1,871.72	3/4	2,232.77	3/4	2,593.83	3/4	2,954.75	3/4	3,315.68
3	90.54	3	451.40	3	812.44	3	1,161.19	3	1,518.18	3	1,879.24	3	2,240.30	3	2,601.35	3	2,962.27	3	3,323.20
1/4	98.03	1/4	458.92	1/4	819.96	1/4	1,168.37	1/4	1,525.71	1/4	1,886.76	1/4	2,247.82	1/4	2,608.87	1/4	2,969.79	1/4	3,330.71
1/2	105.52	1/2	466.44	1/2	827.48	1/2	1,175.55	1/2	1,533.23	1/2	1,894.28	1/2	2,255.34	1/2	2,616.39	1/2	2,977.31	1/2	3,338.23
3/4	113.00	3/4	473.96	3/4	835.00	3/4	1,182.73	3/4	1,540.75	3/4	1,901.81	3/4	2,262.86	3/4	2,623.91	3/4	2,984.83	3/4	3,345.75
4	120.49	4	481.48	4	842.52	4	1,189.91	4	1,548.27	4	1,909.33	4	2,270.38	4	2,631.43	4	2,992.35	4	3,353.27
1/4	128.00	1/4	489.00	1/4	850.05	1/4	1,197.09	1/4	1,555.79	1/4	1,916.85	1/4	2,277.91	1/4	2,638.95	1/4	2,999.87	1/4	3,360.79
1/2	135.51	1/2	496.53	1/2	857.57	1/2	1,204.27	1/2	1,563.32	1/2	1,924.37	1/2	2,285.43	1/2	2,646.47	1/2	3,007.39	1/2	3,368.31
3/4	143.02	3/4	504.05	3/4	865.09	3/4	1,211.45	3/4	1,570.84	3/4	1,931.89	3/4	2,292.95	3/4	2,653.99	3/4	3,014.91	3/4	3,375.83
5	150.53	5	511.57	5	872.61	5	1,218.63	5	1,578.36	5	1,939.42	5	2,300.47	5	2,661.51	5	3,022.43	5	3,383.35
1/4	158.05	1/4	519.09	1/4	880.13	1/4	1,225.82	1/4	1,585.88	1/4	1,946.94	1/4	2,307.99	1/4	2,669.02	1/4	3,029.95	1/4	3,390.87
1/2	165.57	1/2	526.61	1/2	887.65	1/2	1,233.01	1/2	1,593.40	1/2	1,954.46	1/2	2,315.52	1/2	2,676.54	1/2	3,037.47	1/2	3,398.39
3/4	173.09	3/4	534.13	3/4	895.18	3/4	1,240.20	3/4	1,600.93	3/4	1,961.98	3/4	2,323.04	3/4	2,684.06	3/4	3,044.98	3/4	3,405.91
6	180.61	6	541.66	6	902.70	6	1,247.39	6	1,608.45	6	1,969.50	6	2,330.56	6	2,691.58	6	3,052.50	6	3,413.43
1/4	188.14	1/4	549.18	1/4	909.89	1/4	1,254.91	1/4	1,615.97	1/4	1,977.03	1/4	2,338.08	1/4	2,699.10	1/4	3,060.02	1/4	3,420.94
1/2	195.66	1/2	556.70	1/2	917.08	1/2	1,262.44	1/2	1,623.49	1/2	1,984.55	1/2	2,345.60	1/2	2,706.62	1/2	3,067.54	1/2	3,428.46
3/4	203.18	3/4	564.22	3/4	924.27	3/4	1,269.96	3/4	1,631.01	3/4	1,992.07	3/4	2,353.13	3/4	2,714.14	3/4	3,075.06	3/4	3,435.98
7	210.70	7	571.74	7	931.46	7	1,277.48	7	1,638.54	7	1,999.59	7	2,360.65	7	2,721.66	7	3,082.58	7	3,443.50
1/4	218.22	1/4	579.26	1/4	938.64	1/4	1,285.00	1/4	1,646.06	1/4	2,007.11	1/4	2,368.17	1/4	2,729.18	1/4	3,090.10	1/4	3,451.02
1/2	225.75	1/2	586.79	1/2	945.82	1/2	1,292.52	1/2	1,653.58	1/2	2,014.64	1/2	2,375.69	1/2	2,736.70	1/2	3,097.62	1/2	3,458.54
3/4	233.27	3/4	594.31	3/4	953.00	3/4	1,300.05	3/4	1,661.10	3/4	2,022.16	3/4	2,383.21	3/4	2,744.22	3/4	3,105.14	3/4	3,466.06
8	240.79	8	601.83	8	960.18	8	1,307.57	8	1,668.62	8	2,029.68	8	2,390.74	8	2,751.74	8	3,112.66	8	3,473.58
1/4	248.31	1/4	609.35	1/4	967.36	1/4	1,315.09	1/4	1,676.15	1/4	2,037.20	1/4	2,398.26	1/4	2,759.26	1/4	3,120.18	1/4	3,481.10
1/2	255.83	1/2	616.87	1/2	974.54	1/2	1,322.61	1/2	1,683.67	1/2	2,044.72	1/2	2,405.78	1/2	2,766.77	1/2	3,127.70	1/2	3,488.62
3/4	263.35	3/4	624.40	3/4	981.72	3/4	1,330.13	3/4	1,691.19	3/4	2,052.25	3/4	2,413.30	3/4	2,774.29	3/4	3,135.22	3/4	3,496.14
9	270.88	9	631.92	9	988.90	9	1,337.66	9	1,698.71	9	2,059.77	9	2,420.82	9	2,781.81	9	3,142.73	9	3,503.66
1/4	278.40	1/4	639.44	1/4	996.07	1/4	1,345.18	1/4	1,706.23	1/4	2,067.29	1/4	2,428.35	1/4	2,789.33	1/4	3,150.25	1/4	3,511.18
1/2	285.92	1/2	646.96	1/2	1,003.25	1/2	1,352.70	1/2	1,713.76	1/2	2,074.81	1/2	2,435.87	1/2	2,796.85	1/2	3,157.77	1/2	3,518.69
3/4	293.44	3/4	654.48	3/4	1,010.43	3/4	1,360.22	3/4	1,721.28	3/4	2,082.33	3/4	2,443.39	3/4	2,804.37	3/4	3,165.29	3/4	3,526.21
10	300.96	10	662.00	10	1,017.61	10	1,367.74	10	1,728.80	10	2,089.86	10	2,450.91	10	2,811.89	10	3,172.81	10	3,533.73
1/4	308.48	1/4	669.53	1/4	1,024.79	1/4	1,375.27	1/4	1,736.32	1/4	2,097.38	1/4	2,458.43	1/4	2,819.41	1/4	3,180.33	1/4	3,541.25
1/2	316.01	1/2	677.05	1/2	1,031.97	1/2	1,382.79	1/2	1,743.84	1/2	2,104.90	1/2	2,465.96	1/2	2,826.93	1/2	3,187.85	1/2	3,548.77
3/4	323.53	3/4	684.57	3/4	1,039.15	3/4	1,390.31	3/4	1,751.37	3/4	2,112.42	3/4	2,473.48	3/4	2,834.45	3/4	3,195.37	3/4	3,556.29
11	331.05	11	692.09	11	1,046.33	11	1,397.83	11	1,758.89	11	2,119.94	11	2,481.00	11	2,841.97	11	3,202.89	11	3,563.81
1/4	338.57	1/4	699.61	1/4	1,053.51	1/4	1,405.35	1/4	1,766.41	1/4	2,127.47	1/4	2,488.52	1/4	2,849.49	1/4	3,210.41	1/4	3,571.33
1/2	346.09	1/2	707.13	1/2	1,060.69	1/2	1,412.88	1/2	1,773.93	1/2	2,134.99	1/2	2,496.04	1/2	2,857.00	1/2	3,217.93	1/2	3,578.85
3/4	353.61	3/4	714.66	3/4	1,067.87	3/4	1,420.40	3/4	1,781.45	3/4	2,142.51	3/4	2,503.57	3/4	2,864.52	3/4	3,225.45	3/4	3,586.37

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 307"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,593.89	0	3,954.81	0	4,315.73	0	4,671.84	0	5,009.83	0		0		0		0		0	
1/4	3,601.41	1/4	3,962.33	1/4	4,323.25	1/4	4,679.08	1/4	5,016.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.92	1/2	3,969.85	1/2	4,330.77	1/2	4,686.32	1/2	5,023.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.44	3/4	3,977.37	3/4	4,338.29	3/4	4,693.56	3/4	5,030.18	3/4		3/4		3/4		3/4		3/4	
1	3,623.96	1	3,984.88	1	4,345.81	1	4,700.79	1	5,036.96	1		1		1		1		1	
1/4	3,631.48	1/4	3,992.40	1/4	4,353.33	1/4	4,707.97	1/4	5,043.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.00	1/2	3,999.92	1/2	4,360.84	1/2	4,715.15	1/2	5,050.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.52	3/4	4,007.44	3/4	4,368.36	3/4	4,722.33	3/4	5,057.21	3/4		3/4		3/4		3/4		3/4	
2	3,654.04	2	4,014.96	2	4,375.88	2	4,729.50	2	5,063.97	2		2		2		2		2	
1/4	3,661.56	1/4	4,022.48	1/4	4,383.40	1/4	4,736.65	1/4	5,070.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.08	1/2	4,030.00	1/2	4,390.92	1/2	4,743.80	1/2	5,077.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.60	3/4	4,037.52	3/4	4,398.44	3/4	4,750.95	3/4	5,084.13	3/4		3/4		3/4		3/4		3/4	
3	3,684.12	3	4,045.04	3	4,405.96	3	4,758.10	3	5,090.85	3		3		3		3		3	
1/4	3,691.64	1/4	4,052.56	1/4	4,413.47	1/4	4,765.22	1/4	5,097.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.16	1/2	4,060.08	1/2	4,420.97	1/2	4,772.33	1/2	5,104.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.67	3/4	4,067.60	3/4	4,428.48	3/4	4,779.45	3/4	5,110.90	3/4		3/4		3/4		3/4		3/4	
4	3,714.19	4	4,075.12	4	4,435.99	4	4,786.57	4	5,117.58	4		4		4		4		4	
1/4	3,721.71	1/4	4,082.63	1/4	4,443.46	1/4	4,793.66	1/4	5,124.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,729.23	1/2	4,090.15	1/2	4,450.93	1/2	4,800.75	1/2	5,130.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,736.75	3/4	4,097.67	3/4	4,458.41	3/4	4,807.84	3/4	5,137.46	3/4		3/4		3/4		3/4		3/4	
5	3,744.27	5	4,105.19	5	4,465.88	5	4,814.93	5	5,144.09	5		5		5		5		5	
1/4	3,751.79	1/4	4,112.71	1/4	4,473.33	1/4	4,821.99	1/4	5,150.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,759.31	1/2	4,120.23	1/2	4,480.77	1/2	4,829.05	1/2	5,156.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,766.83	3/4	4,127.75	3/4	4,488.22	3/4	4,836.11	3/4	5,162.10	3/4		3/4		3/4		3/4		3/4	
6	3,774.35	6	4,135.27	6	4,495.66	6	4,843.16	6	5,168.11	6		6		6		6		6	
1/4	3,781.87	1/4	4,142.79	1/4	4,503.08	1/4	4,850.19	1/4	5,173.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,789.39	1/2	4,150.31	1/2	4,510.49	1/2	4,857.22	1/2	5,179.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,796.90	3/4	4,157.83	3/4	4,517.91	3/4	4,864.25	3/4	5,184.73	3/4		3/4		3/4		3/4		3/4	
7	3,804.42	7	4,165.35	7	4,525.32	7	4,871.28	7	5,190.27	7		7		7		7		7	
1/4	3,811.94	1/4	4,172.86	1/4	4,532.71	1/4	4,878.28	1/4	5,194.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,819.46	1/2	4,180.38	1/2	4,540.10	1/2	4,885.28	1/2	5,198.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,826.98	3/4	4,187.90	3/4	4,547.48	3/4	4,892.28	3/4	5,203.21	3/4		3/4		3/4		3/4		3/4	
8	3,834.50	8	4,195.42	8	4,554.87	8	4,899.28	8	5,207.53	8		8		8		8		8	
1/4	3,842.02	1/4	4,202.94	1/4	4,562.22	1/4	4,906.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.54	1/2	4,210.46	1/2	4,569.58	1/2	4,913.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.06	3/4	4,217.98	3/4	4,576.93	3/4	4,920.19	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,864.58	9	4,225.50	9	4,584.29	9	4,927.16	9		9		9		9		9		9	
1/4	3,872.10	1/4	4,233.02	1/4	4,591.62	1/4	4,934.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.62	1/2	4,240.54	1/2	4,598.94	1/2	4,941.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.14	3/4	4,248.06	3/4	4,606.27	3/4	4,947.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,894.65	10	4,255.58	10	4,613.59	10	4,954.93	10		10		10		10		10		10	
1/4	3,902.17	1/4	4,263.10	1/4	4,620.89	1/4	4,961.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.69	1/2	4,270.61	1/2	4,628.19	1/2	4,968.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,917.21	3/4	4,278.13	3/4	4,635.48	3/4	4,975.67	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,924.73	11	4,285.65	11	4,642.78	11	4,982.58	11		11		11		11		11		11	
1/4	3,932.25	1/4	4,293.17	1/4	4,650.05	1/4	4,989.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.77	1/2	4,300.69	1/2	4,657.31	1/2	4,996.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.29	3/4	4,308.21	3/4	4,664.58	3/4	5,003.02	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HBC 307"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.79	0	359.89	0	719.68	0	1,079.26	0	1,438.90	0	1,798.70	0	2,158.48	0	2,518.20	0	2,877.72	0	3,236.35
1/4	27.16	1/4	367.38	1/4	727.17	1/4	1,086.75	1/4	1,446.40	1/4	1,806.20	1/4	2,165.97	1/4	2,525.69	1/4	2,885.20	1/4	3,243.80
1/2	31.53	1/2	374.88	1/2	734.67	1/2	1,094.23	1/2	1,453.89	1/2	1,813.69	1/2	2,173.47	1/2	2,533.19	1/2	2,892.68	1/2	3,251.24
3/4	35.90	3/4	382.37	3/4	742.16	3/4	1,101.72	3/4	1,461.39	3/4	1,821.19	3/4	2,180.96	3/4	2,540.68	3/4	2,900.16	3/4	3,258.69
1	40.27	1	389.87	1	749.66	1	1,109.21	1	1,468.88	1	1,828.69	1	2,188.46	1	2,548.18	1	2,907.64	1	3,265.13
1/4	45.89	1/4	397.36	1/4	757.15	1/4	1,116.69	1/4	1,476.38	1/4	1,836.18	1/4	2,195.95	1/4	2,555.67	1/4	2,915.12	1/4	3,273.58
1/2	51.52	1/2	404.86	1/2	764.65	1/2	1,124.18	1/2	1,483.88	1/2	1,843.68	1/2	2,203.44	1/2	2,563.17	1/2	2,922.60	1/2	3,281.02
3/4	57.14	3/4	412.36	3/4	772.14	3/4	1,131.67	3/4	1,491.37	3/4	1,851.17	3/4	2,210.94	3/4	2,570.66	3/4	2,930.08	3/4	3,288.47
2	62.76	2	419.85	2	779.64	2	1,139.15	2	1,498.87	2	1,858.67	2	2,218.43	2	2,578.15	2	2,937.56	2	3,295.91
1/4	69.63	1/4	427.35	1/4	787.14	1/4	1,146.64	1/4	1,506.36	1/4	1,866.17	1/4	2,225.93	1/4	2,585.65	1/4	2,945.04	1/4	3,303.36
1/2	76.50	1/2	434.84	1/2	794.63	1/2	1,154.12	1/2	1,513.86	1/2	1,873.66	1/2	2,233.42	1/2	2,593.14	1/2	2,952.52	1/2	3,310.81
3/4	83.36	3/4	442.34	3/4	802.13	3/4	1,161.61	3/4	1,521.35	3/4	1,881.16	3/4	2,240.92	3/4	2,600.64	3/4	2,960.00	3/4	3,318.25
3	90.23	3	449.83	3	809.62	3	1,169.10	3	1,528.85	3	1,888.65	3	2,248.41	3	2,608.13	3	2,967.48	3	3,325.70
1/4	97.69	1/4	457.33	1/4	817.12	1/4	1,176.58	1/4	1,536.35	1/4	1,896.15	1/4	2,255.90	1/4	2,615.62	1/4	2,974.96	1/4	3,333.16
1/2	105.15	1/2	464.83	1/2	824.61	1/2	1,184.07	1/2	1,543.84	1/2	1,903.65	1/2	2,263.40	1/2	2,623.12	1/2	2,982.44	1/2	3,340.62
3/4	112.61	3/4	472.32	3/4	832.11	3/4	1,191.56	3/4	1,551.34	3/4	1,911.14	3/4	2,270.89	3/4	2,630.61	3/4	2,989.92	3/4	3,348.08
4	120.07	4	479.82	4	839.61	4	1,199.04	4	1,558.83	4	1,918.64	4	2,278.39	4	2,638.10	4	2,997.40	4	3,355.54
1/4	127.56	1/4	487.31	1/4	847.10	1/4	1,206.54	1/4	1,566.33	1/4	1,926.13	1/4	2,285.88	1/4	2,645.59	1/4	3,004.88	1/4	3,363.00
1/2	135.04	1/2	494.81	1/2	854.60	1/2	1,214.03	1/2	1,573.83	1/2	1,933.63	1/2	2,293.37	1/2	2,653.09	1/2	3,012.36	1/2	3,370.47
3/4	142.53	3/4	502.30	3/4	862.09	3/4	1,221.52	3/4	1,581.32	3/4	1,941.12	3/4	2,300.87	3/4	2,660.58	3/4	3,019.84	3/4	3,377.93
5	150.01	5	509.80	5	869.59	5	1,229.01	5	1,588.82	5	1,948.62	5	2,308.36	5	2,668.07	5	3,027.32	5	3,385.39
1/4	157.51	1/4	517.29	1/4	877.08	1/4	1,236.51	1/4	1,596.31	1/4	1,956.12	1/4	2,315.86	1/4	2,675.56	1/4	3,034.80	1/4	3,392.85
1/2	165.00	1/2	524.79	1/2	884.58	1/2	1,244.01	1/2	1,603.81	1/2	1,963.61	1/2	2,323.35	1/2	2,683.06	1/2	3,042.28	1/2	3,400.31
3/4	172.50	3/4	532.29	3/4	892.07	3/4	1,251.50	3/4	1,611.31	3/4	1,971.11	3/4	2,330.85	3/4	2,690.55	3/4	3,049.76	3/4	3,407.77
6	179.99	6	539.78	6	899.57	6	1,259.00	6	1,618.80	6	1,978.60	6	2,338.34	6	2,698.04	6	3,057.24	6	3,415.23
1/4	187.49	1/4	547.28	1/4	907.06	1/4	1,266.49	1/4	1,626.30	1/4	1,986.10	1/4	2,345.83	1/4	2,705.53	1/4	3,064.72	1/4	3,422.69
1/2	194.98	1/2	554.77	1/2	914.55	1/2	1,273.99	1/2	1,633.79	1/2	1,993.60	1/2	2,353.33	1/2	2,713.03	1/2	3,072.20	1/2	3,430.16
3/4	202.48	3/4	562.27	3/4	922.04	3/4	1,281.49	3/4	1,641.29	3/4	2,001.09	3/4	2,360.82	3/4	2,720.52	3/4	3,079.68	3/4	3,437.62
7	209.97	7	569.76	7	929.53	7	1,288.98	7	1,648.78	7	2,008.59	7	2,368.32	7	2,728.01	7	3,087.16	7	3,445.08
1/4	217.47	1/4	577.26	1/4	937.02	1/4	1,296.48	1/4	1,656.28	1/4	2,016.08	1/4	2,375.81	1/4	2,735.51	1/4	3,094.64	1/4	3,452.54
1/2	224.97	1/2	584.75	1/2	944.50	1/2	1,303.97	1/2	1,663.78	1/2	2,023.58	1/2	2,383.30	1/2	2,743.00	1/2	3,102.12	1/2	3,460.00
3/4	232.46	3/4	592.25	3/4	951.99	3/4	1,311.47	3/4	1,671.27	3/4	2,031.08	3/4	2,390.80	3/4	2,750.49	3/4	3,109.60	3/4	3,467.46
8	239.96	8	599.75	8	959.48	8	1,318.97	8	1,678.77	8	2,038.57	8	2,398.29	8	2,757.98	8	3,117.08	8	3,474.92
1/4	247.45	1/4	607.24	1/4	966.96	1/4	1,326.46	1/4	1,686.26	1/4	2,046.07	1/4	2,405.79	1/4	2,765.48	1/4	3,124.56	1/4	3,482.39
1/2	254.95	1/2	614.74	1/2	974.45	1/2	1,333.96	1/2	1,693.76	1/2	2,053.56	1/2	2,413.28	1/2	2,772.97	1/2	3,132.04	1/2	3,489.85
3/4	262.44	3/4	622.23	3/4	981.94	3/4	1,341.45	3/4	1,701.26	3/4	2,061.05	3/4	2,420.78	3/4	2,780.47	3/4	3,139.52	3/4	3,497.31
9	269.94	9	629.73	9	989.42	9	1,348.95	9	1,708.75	9	2,068.55	9	2,428.27	9	2,787.96	9	3,147.00	9	3,504.77
1/4	277.44	1/4	637.22	1/4	996.91	1/4	1,356.44	1/4	1,716.25	1/4	2,076.04	1/4	2,435.76	1/4	2,795.44	1/4	3,154.45	1/4	3,508.80
1/2	284.93	1/2	644.72	1/2	1,004.39	1/2	1,363.94	1/2	1,723.74	1/2	2,083.54	1/2	2,443.26	1/2	2,802.92	1/2	3,161.89	1/2	3,512.83
3/4	292.43	3/4	652.22	3/4	1,011.88	3/4	1,371.44	3/4	1,731.24	3/4	2,091.03	3/4	2,450.75	3/4	2,810.40	3/4	3,169.34	3/4	3,516.86
10	299.92	10	659.71	10	1,019.37	10	1,378.93	10	1,738.74	10	2,098.53	10	2,458.25	10	2,817.88	10	3,176.78	10	3,520.89
1/4	307.42	1/4	667.21	1/4	1,026.85	1/4	1,386.43	1/4	1,746.23	1/4	2,106.02	1/4	2,465.74	1/4	2,825.36	1/4	3,184.23	1/4	3,524.92
1/2	314.91	1/2	674.70	1/2	1,034.34	1/2	1,393.92	1/2	1,753.73	1/2	2,113.51	1/2	2,473.24	1/2	2,832.84	1/2	3,191.68	1/2	3,528.95
3/4	322.41	3/4	682.20	3/4	1,041.83	3/4	1,401.42	3/4	1,761.22	3/4	2,121.01	3/4	2,480.73	3/4	2,840.32	3/4	3,199.12	3/4	3,532.99
11	329.90	11	689.69	11	1,049.31	11	1,408.92	11	1,768.72	11	2,128.50	11	2,488.22	11	2,847.80	11	3,206.57	11	3,537.02
1/4	337.40	1/4	697.19	1/4	1,056.80	1/4	1,416.41	1/4	1,776.22	1/4	2,136.00	1/4	2,495.72	1/4	2,855.28	1/4	3,214.01	1/4	3,541.05
1/2	344.90	1/2	704.68	1/2	1,064.29	1/2	1,423.91	1/2	1,783.71	1/2	2,143.49	1/2	2,503.21	1/2	2,862.76	1/2	3,221.46	1/2	3,545.08
3/4	352.39	3/4	712.18	3/4	1,071.77	3/4	1,431.40	3/4	1,791.21	3/4	2,150.98	3/4	2,510.71	3/4	2,870.24	3/4	3,228.90	3/4	3,549.11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HBC 307"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,553.14	0	3,746.62	0	3,940.11	0	4,131.02	0	4,312.28	0		0		0		0		0	
1/4	3,557.17	1/4	3,750.65	1/4	3,944.14	1/4	4,134.90	1/4	4,315.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.20	1/2	3,754.68	1/2	3,948.17	1/2	4,138.78	1/2	4,319.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.23	3/4	3,758.72	3/4	3,952.20	3/4	4,142.66	3/4	4,323.18	3/4		3/4		3/4		3/4		3/4	
1	3,569.26	1	3,762.75	1	3,956.23	1	4,146.54	1	4,326.82	1		1		1		1		1	
1/4	3,573.29	1/4	3,766.78	1/4	3,960.26	1/4	4,150.39	1/4	4,330.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.33	1/2	3,770.81	1/2	3,964.29	1/2	4,154.24	1/2	4,334.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,581.36	3/4	3,774.84	3/4	3,968.32	3/4	4,158.09	3/4	4,337.68	3/4		3/4		3/4		3/4		3/4	
2	3,585.39	2	3,778.87	2	3,972.35	2	4,161.94	2	4,341.30	2		2		2		2		2	
1/4	3,589.42	1/4	3,782.90	1/4	3,976.38	1/4	4,165.77	1/4	4,344.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.45	1/2	3,786.93	1/2	3,980.42	1/2	4,169.61	1/2	4,348.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.48	3/4	3,790.96	3/4	3,984.45	3/4	4,173.44	3/4	4,352.11	3/4		3/4		3/4		3/4		3/4	
3	3,601.51	3	3,794.99	3	3,988.48	3	4,177.28	3	4,355.72	3		3		3		3		3	
1/4	3,605.54	1/4	3,799.02	1/4	3,992.50	1/4	4,181.09	1/4	4,359.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.57	1/2	3,803.06	1/2	3,996.53	1/2	4,184.91	1/2	4,362.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.60	3/4	3,807.09	3/4	4,000.55	3/4	4,188.73	3/4	4,366.45	3/4		3/4		3/4		3/4		3/4	
4	3,617.63	4	3,811.12	4	4,004.57	4	4,192.55	4	4,370.03	4		4		4		4		4	
1/4	3,621.67	1/4	3,815.15	1/4	4,008.58	1/4	4,196.35	1/4	4,373.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.70	1/2	3,819.18	1/2	4,012.59	1/2	4,200.15	1/2	4,377.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.73	3/4	3,823.21	3/4	4,016.60	3/4	4,203.95	3/4	4,380.64	3/4		3/4		3/4		3/4		3/4	
5	3,633.76	5	3,827.24	5	4,020.60	5	4,207.75	5	4,384.18	5		5		5		5		5	
1/4	3,637.79	1/4	3,831.27	1/4	4,024.59	1/4	4,211.54	1/4	4,387.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.82	1/2	3,835.30	1/2	4,028.58	1/2	4,215.33	1/2	4,390.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.85	3/4	3,839.33	3/4	4,032.58	3/4	4,219.11	3/4	4,392.97	3/4		3/4		3/4		3/4		3/4	
6	3,649.88	6	3,843.36	6	4,036.57	6	4,222.90	6	4,395.91	6		6		6		6		6	
1/4	3,653.91	1/4	3,847.40	1/4	4,040.54	1/4	4,226.67	1/4	4,398.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.94	1/2	3,851.43	1/2	4,044.52	1/2	4,230.44	1/2	4,400.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.97	3/4	3,855.46	3/4	4,048.49	3/4	4,234.21	3/4	4,402.22	3/4		3/4		3/4		3/4		3/4	
7	3,666.00	7	3,859.49	7	4,052.47	7	4,237.98	7	4,404.32	7		7		7		7		7	
1/4	3,670.04	1/4	3,863.52	1/4	4,056.43	1/4	4,241.73	1/4	4,405.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.07	1/2	3,867.55	1/2	4,060.39	1/2	4,245.49	1/2	4,406.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.10	3/4	3,871.58	3/4	4,064.35	3/4	4,249.24	3/4	4,406.93	3/4		3/4		3/4		3/4		3/4	
8	3,682.13	8	3,875.61	8	4,068.31	8	4,253.00	8	4,407.80	8		8		8		8		8	
1/4	3,686.16	1/4	3,879.64	1/4	4,072.25	1/4	4,256.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.19	1/2	3,883.67	1/2	4,076.19	1/2	4,260.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.22	3/4	3,887.70	3/4	4,080.14	3/4	4,264.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,698.25	9	3,891.74	9	4,084.08	9	4,267.95	9		9		9		9		9		9	
1/4	3,702.28	1/4	3,895.77	1/4	4,088.01	1/4	4,271.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.31	1/2	3,899.80	1/2	4,091.94	1/2	4,275.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.34	3/4	3,903.83	3/4	4,095.86	3/4	4,279.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,714.38	10	3,907.86	10	4,099.79	10	4,282.84	10		10		10		10		10		10	
1/4	3,718.41	1/4	3,911.89	1/4	4,103.70	1/4	4,286.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.44	1/2	3,915.92	1/2	4,107.61	1/2	4,290.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.47	3/4	3,919.95	3/4	4,111.53	3/4	4,293.96	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,730.50	11	3,923.98	11	4,115.44	11	4,297.67	11		11		11		11		11		11	
1/4	3,734.53	1/4	3,928.01	1/4	4,119.33	1/4	4,301.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.56	1/2	3,932.04	1/2	4,123.23	1/2	4,304.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.59	3/4	3,936.08	3/4	4,127.13	3/4	4,308.62	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HBC 307"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.80	0	359.49	0	718.85	0	1,066.49	0	1,419.40	0	1,778.17	0	2,137.40	0	2,496.58	0	2,855.56	0	3,213.47
1/4	27.17	1/4	366.98	1/4	726.34	1/4	1,073.64	1/4	1,426.83	1/4	1,785.65	1/4	2,144.89	1/4	2,504.07	1/4	2,863.03	1/4	3,220.90
1/2	31.54	1/2	374.47	1/2	733.83	1/2	1,080.79	1/2	1,434.25	1/2	1,793.14	1/2	2,152.37	1/2	2,511.55	1/2	2,870.50	1/2	3,228.33
3/4	35.92	3/4	381.95	3/4	741.31	3/4	1,087.94	3/4	1,441.67	3/4	1,800.62	3/4	2,159.85	3/4	2,519.03	3/4	2,877.97	3/4	3,235.77
1	40.29	1	389.44	1	748.80	1	1,095.09	1	1,449.09	1	1,808.11	1	2,167.33	1	2,526.51	1	2,885.43	1	3,243.20
1/4	45.90	1/4	396.93	1/4	756.29	1/4	1,102.24	1/4	1,456.52	1/4	1,815.59	1/4	2,174.82	1/4	2,534.00	1/4	2,892.90	1/4	3,250.64
1/2	51.51	1/2	404.41	1/2	763.78	1/2	1,109.39	1/2	1,463.94	1/2	1,823.08	1/2	2,182.30	1/2	2,541.48	1/2	2,900.36	1/2	3,258.07
3/4	57.12	3/4	411.90	3/4	771.26	3/4	1,116.54	3/4	1,471.36	3/4	1,830.56	3/4	2,189.78	3/4	2,548.96	3/4	2,907.82	3/4	3,265.51
2	62.74	2	419.39	2	778.75	2	1,123.69	2	1,478.79	2	1,838.05	2	2,197.27	2	2,556.45	2	2,915.28	2	3,272.94
1/4	69.59	1/4	426.87	1/4	786.24	1/4	1,130.83	1/4	1,486.27	1/4	1,845.53	1/4	2,204.75	1/4	2,563.93	1/4	2,922.74	1/4	3,280.38
1/2	76.44	1/2	434.36	1/2	793.72	1/2	1,137.98	1/2	1,493.75	1/2	1,853.02	1/2	2,212.23	1/2	2,571.41	1/2	2,930.20	1/2	3,287.81
3/4	83.28	3/4	441.85	3/4	801.21	3/4	1,145.13	3/4	1,501.24	3/4	1,860.50	3/4	2,219.72	3/4	2,578.89	3/4	2,937.66	3/4	3,295.24
3	90.13	3	449.33	3	808.70	3	1,152.28	3	1,508.72	3	1,867.98	3	2,227.20	3	2,586.38	3	2,945.12	3	3,302.68
1/4	97.59	1/4	456.82	1/4	815.90	1/4	1,159.71	1/4	1,516.21	1/4	1,875.47	1/4	2,234.68	1/4	2,593.86	1/4	2,952.58	1/4	3,310.13
1/2	105.04	1/2	464.31	1/2	823.10	1/2	1,167.15	1/2	1,523.69	1/2	1,882.95	1/2	2,242.16	1/2	2,601.34	1/2	2,960.05	1/2	3,317.58
3/4	112.49	3/4	471.79	3/4	830.30	3/4	1,174.58	3/4	1,531.18	3/4	1,890.44	3/4	2,249.65	3/4	2,608.82	3/4	2,967.51	3/4	3,325.03
4	119.94	4	479.28	4	837.51	4	1,182.01	4	1,538.66	4	1,897.92	4	2,257.13	4	2,616.30	4	2,974.97	4	3,332.48
1/4	127.42	1/4	486.77	1/4	844.68	1/4	1,189.42	1/4	1,546.15	1/4	1,905.41	1/4	2,264.61	1/4	2,623.78	1/4	2,982.43	1/4	3,339.93
1/2	134.91	1/2	494.25	1/2	851.85	1/2	1,196.82	1/2	1,553.63	1/2	1,912.89	1/2	2,272.10	1/2	2,631.27	1/2	2,989.89	1/2	3,347.38
3/4	142.39	3/4	501.74	3/4	859.03	3/4	1,204.22	3/4	1,561.12	3/4	1,920.38	3/4	2,279.58	3/4	2,638.75	3/4	2,997.35	3/4	3,354.83
5	149.87	5	509.23	5	866.20	5	1,211.63	5	1,568.60	5	1,927.86	5	2,287.06	5	2,646.23	5	3,004.81	5	3,362.28
1/4	157.36	1/4	516.71	1/4	873.38	1/4	1,219.03	1/4	1,576.09	1/4	1,935.35	1/4	2,294.54	1/4	2,653.71	1/4	3,012.27	1/4	3,369.73
1/2	164.84	1/2	524.20	1/2	880.55	1/2	1,226.44	1/2	1,583.57	1/2	1,942.83	1/2	2,302.03	1/2	2,661.19	1/2	3,019.73	1/2	3,377.18
3/4	172.33	3/4	531.69	3/4	887.73	3/4	1,233.85	3/4	1,591.05	3/4	1,950.32	3/4	2,309.51	3/4	2,668.67	3/4	3,027.20	3/4	3,384.63
6	179.81	6	539.17	6	894.90	6	1,241.25	6	1,598.54	6	1,957.80	6	2,316.99	6	2,676.15	6	3,034.66	6	3,392.08
1/4	187.30	1/4	546.66	1/4	902.05	1/4	1,248.68	1/4	1,606.02	1/4	1,965.28	1/4	2,324.48	1/4	2,683.63	1/4	3,042.12	1/4	3,399.53
1/2	194.79	1/2	554.15	1/2	909.21	1/2	1,256.10	1/2	1,613.51	1/2	1,972.77	1/2	2,331.96	1/2	2,691.12	1/2	3,049.58	1/2	3,406.98
3/4	202.27	3/4	561.63	3/4	916.36	3/4	1,263.52	3/4	1,620.99	3/4	1,980.25	3/4	2,339.44	3/4	2,698.60	3/4	3,057.04	3/4	3,414.43
7	209.76	7	569.12	7	923.51	7	1,270.94	7	1,628.48	7	1,987.74	7	2,346.92	7	2,706.08	7	3,064.50	7	3,421.88
1/4	217.25	1/4	576.61	1/4	930.66	1/4	1,278.37	1/4	1,635.96	1/4	1,995.22	1/4	2,354.41	1/4	2,713.56	1/4	3,071.97	1/4	3,429.33
1/2	224.73	1/2	584.09	1/2	937.81	1/2	1,285.79	1/2	1,643.45	1/2	2,002.71	1/2	2,361.89	1/2	2,721.04	1/2	3,079.44	1/2	3,436.78
3/4	232.22	3/4	591.58	3/4	944.96	3/4	1,293.21	3/4	1,650.93	3/4	2,010.19	3/4	2,369.37	3/4	2,728.52	3/4	3,086.91	3/4	3,444.23
8	239.71	8	599.07	8	952.11	8	1,300.64	8	1,658.42	8	2,017.68	8	2,376.86	8	2,736.00	8	3,094.38	8	3,451.68
1/4	247.19	1/4	606.55	1/4	959.26	1/4	1,308.06	1/4	1,665.90	1/4	2,025.16	1/4	2,384.34	1/4	2,743.49	1/4	3,101.84	1/4	3,459.13
1/2	254.68	1/2	614.04	1/2	966.41	1/2	1,315.48	1/2	1,673.39	1/2	2,032.64	1/2	2,391.82	1/2	2,750.97	1/2	3,109.31	1/2	3,466.58
3/4	262.17	3/4	621.53	3/4	973.55	3/4	1,322.90	3/4	1,680.87	3/4	2,040.13	3/4	2,399.30	3/4	2,758.45	3/4	3,116.78	3/4	3,474.03
9	269.65	9	629.01	9	980.70	9	1,330.33	9	1,688.35	9	2,047.61	9	2,406.79	9	2,765.94	9	3,124.25	9	3,481.48
1/4	277.14	1/4	636.50	1/4	987.85	1/4	1,337.75	1/4	1,695.84	1/4	2,055.09	1/4	2,414.27	1/4	2,773.40	1/4	3,131.69	1/4	3,488.50
1/2	284.63	1/2	643.99	1/2	995.00	1/2	1,345.17	1/2	1,703.32	1/2	2,062.57	1/2	2,421.75	1/2	2,780.87	1/2	3,139.12	1/2	3,489.52
3/4	292.11	3/4	651.47	3/4	1,002.15	3/4	1,352.60	3/4	1,710.81	3/4	2,070.06	3/4	2,429.24	3/4	2,788.34	3/4	3,146.55	3/4	3,493.53
10	299.60	10	658.96	10	1,009.30	10	1,360.02	10	1,718.29	10	2,077.54	10	2,436.72	10	2,795.81	10	3,153.99	10	3,497.55
1/4	307.09	1/4	666.45	1/4	1,016.45	1/4	1,367.44	1/4	1,725.78	1/4	2,085.02	1/4	2,444.20	1/4	2,803.28	1/4	3,161.42	1/4	3,501.57
1/2	314.57	1/2	673.93	1/2	1,023.60	1/2	1,374.87	1/2	1,733.26	1/2	2,092.51	1/2	2,451.69	1/2	2,810.75	1/2	3,168.86	1/2	3,505.59
3/4	322.06	3/4	681.42	3/4	1,030.75	3/4	1,382.29	3/4	1,740.75	3/4	2,099.99	3/4	2,459.17	3/4	2,818.22	3/4	3,176.29	3/4	3,509.61
11	329.55	11	688.91	11	1,037.90	11	1,389.71	11	1,748.23	11	2,107.47	11	2,466.65	11	2,825.68	11	3,183.73	11	3,513.63
1/4	337.03	1/4	696.39	1/4	1,045.05	1/4	1,397.13	1/4	1,755.72	1/4	2,114.95	1/4	2,474.13	1/4	2,833.15	1/4	3,191.16	1/4	3,517.64
1/2	344.52	1/2	703.88	1/2	1,052.19	1/2	1,404.56	1/2	1,763.20	1/2	2,122.44	1/2	2,481.62	1/2	2,840.62	1/2	3,198.60	1/2	3,521.66
3/4	352.01	3/4	711.37	3/4	1,059.34	3/4	1,411.98	3/4	1,770.69	3/4	2,129.92	3/4	2,489.10	3/4	2,848.09	3/4	3,206.03	3/4	3,525.68

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HBC 307"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,529.70	0	3,722.58	0	3,915.47	0	4,105.77	0	4,286.42	0		0		0		0		0	
1/4	3,533.72	1/4	3,726.60	1/4	3,919.48	1/4	4,109.64	1/4	4,290.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.74	1/2	3,730.62	1/2	3,923.50	1/2	4,113.51	1/2	4,293.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,541.76	3/4	3,734.64	3/4	3,927.52	3/4	4,117.37	3/4	4,297.29	3/4		3/4		3/4		3/4		3/4	
1	3,545.77	1	3,738.66	1	3,931.54	1	4,121.24	1	4,300.91	1		1		1		1		1	
1/4	3,549.79	1/4	3,742.68	1/4	3,935.56	1/4	4,125.08	1/4	4,304.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,553.81	1/2	3,746.69	1/2	3,939.58	1/2	4,128.92	1/2	4,308.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,557.83	3/4	3,750.71	3/4	3,943.60	3/4	4,132.75	3/4	4,311.74	3/4		3/4		3/4		3/4		3/4	
2	3,561.85	2	3,754.73	2	3,947.61	2	4,136.59	2	4,315.35	2		2		2		2		2	
1/4	3,565.87	1/4	3,758.75	1/4	3,951.63	1/4	4,140.41	1/4	4,318.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,569.88	1/2	3,762.77	1/2	3,955.65	1/2	4,144.23	1/2	4,322.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.90	3/4	3,766.79	3/4	3,959.67	3/4	4,148.05	3/4	4,326.12	3/4		3/4		3/4		3/4		3/4	
3	3,577.92	3	3,770.80	3	3,963.69	3	4,151.87	3	4,329.71	3		3		3		3		3	
1/4	3,581.94	1/4	3,774.82	1/4	3,967.70	1/4	4,155.68	1/4	4,333.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.96	1/2	3,778.84	1/2	3,971.71	1/2	4,159.49	1/2	4,336.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.98	3/4	3,782.86	3/4	3,975.72	3/4	4,163.29	3/4	4,340.41	3/4		3/4		3/4		3/4		3/4	
4	3,593.99	4	3,786.88	4	3,979.73	4	4,167.10	4	4,343.97	4		4		4		4		4	
1/4	3,598.01	1/4	3,790.90	1/4	3,983.72	1/4	4,170.88	1/4	4,347.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.03	1/2	3,794.91	1/2	3,987.72	1/2	4,174.67	1/2	4,351.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.05	3/4	3,798.93	3/4	3,991.71	3/4	4,178.46	3/4	4,354.55	3/4		3/4		3/4		3/4		3/4	
5	3,610.07	5	3,802.95	5	3,995.71	5	4,182.25	5	4,358.07	5		5		5		5		5	
1/4	3,614.09	1/4	3,806.97	1/4	3,999.68	1/4	4,186.03	1/4	4,360.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.10	1/2	3,810.99	1/2	4,003.66	1/2	4,189.80	1/2	4,363.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.12	3/4	3,815.01	3/4	4,007.64	3/4	4,193.57	3/4	4,366.83	3/4		3/4		3/4		3/4		3/4	
6	3,626.14	6	3,819.02	6	4,011.62	6	4,197.35	6	4,369.74	6		6		6		6		6	
1/4	3,630.16	1/4	3,823.04	1/4	4,015.58	1/4	4,201.10	1/4	4,371.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.18	1/2	3,827.06	1/2	4,019.55	1/2	4,204.86	1/2	4,373.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.20	3/4	3,831.08	3/4	4,023.51	3/4	4,208.62	3/4	4,376.02	3/4		3/4		3/4		3/4		3/4	
7	3,642.22	7	3,835.10	7	4,027.47	7	4,212.38	7	4,378.11	7		7		7		7		7	
1/4	3,646.23	1/4	3,839.12	1/4	4,031.42	1/4	4,216.12	1/4	4,378.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,650.25	1/2	3,843.14	1/2	4,035.36	1/2	4,219.86	1/2	4,379.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.27	3/4	3,847.15	3/4	4,039.31	3/4	4,223.60	3/4	4,380.68	3/4		3/4		3/4		3/4		3/4	
8	3,658.29	8	3,851.17	8	4,043.26	8	4,227.34	8	4,381.53	8		8		8		8		8	
1/4	3,662.31	1/4	3,855.19	1/4	4,047.19	1/4	4,231.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.33	1/2	3,859.21	1/2	4,051.12	1/2	4,234.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,670.34	3/4	3,863.23	3/4	4,055.05	3/4	4,238.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,674.36	9	3,867.25	9	4,058.98	9	4,242.25	9		9		9		9		9		9	
1/4	3,678.38	1/4	3,871.26	1/4	4,062.90	1/4	4,245.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.40	1/2	3,875.28	1/2	4,066.81	1/2	4,249.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.42	3/4	3,879.30	3/4	4,070.73	3/4	4,253.38	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,690.44	10	3,883.32	10	4,074.64	10	4,257.09	10		10		10		10		10		10	
1/4	3,694.45	1/4	3,887.34	1/4	4,078.54	1/4	4,260.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.47	1/2	3,891.36	1/2	4,082.44	1/2	4,264.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.49	3/4	3,895.37	3/4	4,086.34	3/4	4,268.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,706.51	11	3,899.39	11	4,090.24	11	4,271.86	11		11		11		11		11		11	
1/4	3,710.53	1/4	3,903.41	1/4	4,094.12	1/4	4,275.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.55	1/2	3,907.43	1/2	4,098.01	1/2	4,279.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.56	3/4	3,911.45	3/4	4,101.89	3/4	4,282.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL - SW
CALCULATED: 06/12/2013 CL
PRINTED: 06/13/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
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