

BARGE "IB 1088"

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 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(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 2 CENTER IS - 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

June 27, 2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1088"

1 CENTER INNAGE TABLE

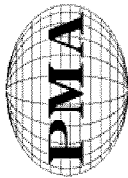
CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	6.11	0	275.86	0	573.21	0	866.60	0	1,161.71	0	1,458.87	0	1,755.66	0	2,053.00	0	2,350.32	0	2,647.64
1/4	8.18	1/4	282.06	1/4	579.41	1/4	872.64	1/4	1,167.90	1/4	1,465.05	1/4	1,761.85	1/4	2,059.19	1/4	2,356.51	1/4	2,653.84
1/2	10.25	1/2	288.25	1/2	585.60	1/2	878.68	1/2	1,174.09	1/2	1,471.23	1/2	1,768.05	1/2	2,065.39	1/2	2,362.71	1/2	2,660.03
3/4	12.32	3/4	294.45	3/4	591.80	3/4	884.73	3/4	1,180.28	3/4	1,477.41	3/4	1,771.24	3/4	2,067.58	3/4	2,363.90	3/4	2,662.23
1	14.39	1	300.64	1	597.99	1	890.77	1	1,186.47	1	1,483.59	1	1,780.44	1	2,077.77	1	2,375.09	1	2,672.42
1/4	18.52	1/4	306.84	1/4	604.18	1/4	896.81	1/4	1,192.66	1/4	1,489.77	1/4	1,786.63	1/4	2,083.97	1/4	2,381.29	1/4	2,678.61
1/2	22.66	1/2	313.03	1/2	610.38	1/2	902.85	1/2	1,198.86	1/2	1,495.95	1/2	1,792.83	1/2	2,090.16	1/2	2,387.48	1/2	2,684.81
3/4	26.79	3/4	319.23	3/4	616.57	3/4	908.90	3/4	1,205.05	3/4	1,502.13	3/4	1,799.02	3/4	2,096.36	3/4	2,393.68	3/4	2,691.00
2	30.92	2	325.42	2	622.77	2	914.94	2	1,211.24	2	1,508.31	2	1,805.22	2	2,102.55	2	2,399.87	2	2,697.20
1/4	36.54	1/4	331.62	1/4	628.96	1/4	920.98	1/4	1,217.43	1/4	1,514.49	1/4	1,811.41	1/4	2,108.75	1/4	2,406.06	1/4	2,703.39
1/2	42.16	1/2	337.81	1/2	635.16	1/2	927.03	1/2	1,223.62	1/2	1,520.67	1/2	1,817.61	1/2	2,114.94	1/2	2,412.26	1/2	2,709.59
3/4	47.78	3/4	344.01	3/4	641.35	3/4	933.07	3/4	1,229.81	3/4	1,526.85	3/4	1,823.80	3/4	2,121.14	3/4	2,418.45	3/4	2,715.78
3	53.40	3	350.20	3	647.55	3	939.11	3	1,236.00	3	1,533.03	3	1,829.99	3	2,127.33	3	2,424.64	3	2,721.98
1/4	59.51	1/4	356.40	1/4	653.74	1/4	945.23	1/4	1,242.19	1/4	1,539.21	1/4	1,836.19	1/4	2,133.52	1/4	2,430.84	1/4	2,728.17
1/2	65.62	1/2	362.59	1/2	659.94	1/2	951.35	1/2	1,248.39	1/2	1,545.39	1/2	1,842.38	1/2	2,139.72	1/2	2,437.03	1/2	2,734.36
3/4	71.72	3/4	368.79	3/4	666.13	3/4	957.46	3/4	1,254.58	3/4	1,551.57	3/4	1,848.58	3/4	2,145.91	3/4	2,443.23	3/4	2,740.56
4	77.83	4	374.98	4	672.33	4	963.58	4	1,260.77	4	1,557.75	4	1,854.77	4	2,152.11	4	2,449.42	4	2,746.75
1/4	83.98	1/4	381.18	1/4	678.52	1/4	969.77	1/4	1,266.96	1/4	1,563.93	1/4	1,860.97	1/4	2,158.30	1/4	2,455.61	1/4	2,752.95
1/2	90.13	1/2	387.37	1/2	684.72	1/2	975.96	1/2	1,273.15	1/2	1,570.11	1/2	1,867.16	1/2	2,164.50	1/2	2,461.81	1/2	2,759.14
3/4	96.28	3/4	393.56	3/4	690.91	3/4	982.16	3/4	1,279.34	3/4	1,576.29	3/4	1,873.36	3/4	2,170.69	3/4	2,468.00	3/4	2,765.34
5	102.43	5	399.76	5	697.11	5	988.35	5	1,285.53	5	1,582.47	5	1,879.55	5	2,176.89	5	2,474.20	5	2,771.53
1/4	108.61	1/4	405.95	1/4	703.22	1/4	994.54	1/4	1,291.73	1/4	1,588.65	1/4	1,885.74	1/4	2,183.08	1/4	2,480.39	1/4	2,777.73
1/2	114.79	1/2	412.15	1/2	709.34	1/2	1,000.73	1/2	1,297.92	1/2	1,594.83	1/2	1,891.94	1/2	2,189.28	1/2	2,486.58	1/2	2,783.92
3/4	120.97	3/4	418.34	3/4	715.46	3/4	1,006.92	3/4	1,304.11	3/4	1,601.01	3/4	1,898.13	3/4	2,195.47	3/4	2,492.78	3/4	2,790.12
6	127.14	6	424.54	6	721.58	6	1,013.11	6	1,310.30	6	1,607.19	6	1,904.33	6	2,201.66	6	2,498.97	6	2,796.31
1/4	133.34	1/4	430.73	1/4	727.62	1/4	1,019.30	1/4	1,316.49	1/4	1,613.37	1/4	1,910.52	1/4	2,207.86	1/4	2,505.17	1/4	2,802.50
1/2	139.53	1/2	436.93	1/2	733.66	1/2	1,025.50	1/2	1,322.68	1/2	1,619.55	1/2	1,916.72	1/2	2,214.05	1/2	2,511.36	1/2	2,808.70
3/4	145.72	3/4	443.12	3/4	739.71	3/4	1,031.69	3/4	1,328.87	3/4	1,625.73	3/4	1,922.91	3/4	2,220.25	3/4	2,517.56	3/4	2,814.89
7	151.91	7	449.32	7	745.75	7	1,037.88	7	1,335.07	7	1,631.91	7	1,929.11	7	2,226.44	7	2,523.75	7	2,821.09
1/4	158.11	1/4	455.51	1/4	751.79	1/4	1,044.07	1/4	1,341.26	1/4	1,638.09	1/4	1,935.30	1/4	2,232.64	1/4	2,529.95	1/4	2,827.28
1/2	164.30	1/2	461.71	1/2	757.83	1/2	1,050.26	1/2	1,347.45	1/2	1,644.27	1/2	1,941.50	1/2	2,238.83	1/2	2,536.14	1/2	2,833.48
3/4	170.50	3/4	467.90	3/4	763.88	3/4	1,056.45	3/4	1,353.64	3/4	1,650.45	3/4	1,947.69	3/4	2,245.03	3/4	2,542.34	3/4	2,839.67
8	176.69	8	474.10	8	769.92	8	1,062.64	8	1,359.83	8	1,656.63	8	1,953.88	8	2,251.22	8	2,548.53	8	2,845.87
1/4	182.89	1/4	480.29	1/4	775.96	1/4	1,068.84	1/4	1,366.02	1/4	1,662.81	1/4	1,960.08	1/4	2,257.41	1/4	2,554.72	1/4	2,852.06
1/2	189.09	1/2	486.49	1/2	782.00	1/2	1,075.03	1/2	1,372.21	1/2	1,668.99	1/2	1,966.27	1/2	2,263.61	1/2	2,560.92	1/2	2,858.25
3/4	195.29	3/4	492.68	3/4	788.05	3/4	1,081.22	3/4	1,378.41	3/4	1,675.17	3/4	1,972.47	3/4	2,269.80	3/4	2,567.11	3/4	2,864.45
9	201.49	9	498.87	9	794.09	9	1,087.41	9	1,384.60	9	1,681.35	9	1,978.66	9	2,275.99	9	2,573.31	9	2,870.64
1/4	207.69	1/4	505.07	1/4	800.13	1/4	1,093.60	1/4	1,390.79	1/4	1,687.54	1/4	1,984.86	1/4	2,282.19	1/4	2,579.50	1/4	2,876.83
1/2	213.89	1/2	511.26	1/2	806.17	1/2	1,099.79	1/2	1,396.98	1/2	1,693.73	1/2	1,991.05	1/2	2,288.38	1/2	2,585.70	1/2	2,882.12
3/4	220.09	3/4	517.46	3/4	812.22	3/4	1,105.98	3/4	1,403.17	3/4	1,699.92	3/4	1,997.25	3/4	2,294.57	3/4	2,591.89	3/4	2,887.86
10	226.29	10	523.65	10	818.26	10	1,112.18	10	1,409.36	10	1,706.10	10	2,003.44	10	2,300.77	10	2,598.09	10	2,893.60
1/4	232.49	1/4	529.85	1/4	824.30	1/4	1,118.37	1/4	1,415.55	1/4	1,712.30	1/4	2,009.63	1/4	2,306.96	1/4	2,604.28	1/4	2,898.90
1/2	238.69	1/2	536.04	1/2	830.34	1/2	1,124.56	1/2	1,421.75	1/2	1,718.49	1/2	2,015.83	1/2	2,313.16	1/2	2,610.47	1/2	2,904.19
3/4	244.89	3/4	542.24	3/4	836.39	3/4	1,130.75	3/4	1,427.94	3/4	1,724.69	3/4	2,022.02	3/4	2,319.35	3/4	2,616.67	3/4	2,909.48
11	251.08	11	548.43	11	842.43	11	1,136.94	11	1,434.13	11	1,730.88	11	2,028.22	11	2,325.54	11	2,622.86	11	2,914.77
1/4	257.28	1/4	554.63	1/4	848.47	1/4	1,143.13	1/4	1,440.31	1/4	1,737.08	1/4	2,034.41	1/4	2,331.74	1/4	2,629.06	1/4	2,920.07
1/2	263.47	1/2	560.82	1/2	854.51	1/2	1,149.32	1/2	1,446.50	1/2	1,743.27	1/2	2,040.61	1/2	2,337.93	1/2	2,635.25	1/2	2,925.37
3/4	269.67	3/4	567.02	3/4	860.56	3/4	1,155.52	3/4	1,452.68	3/4	1,749.47	3/4	2,046.80	3/4	2,344.12	3/4	2,641.45	3/4	2,930.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPWS 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" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1088"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
1/4	2,935.97	1/4	3,190.29	1/4	3,444.61	1/4	3,698.94	1/4	3,951.86	1/4	4,205.78	1/4	4,459.69	1/4	4,713.61	1/4	4,967.53	1/4	5,221.45		
1/2	2,941.26	1/2	3,195.59	1/2	3,449.91	1/2	3,704.23	1/2	3,955.56	1/2	4,209.48	1/2	4,463.40	1/2	4,717.32	1/2	4,971.24	1/2	5,225.16	1/2	5,479.08
3/4	2,946.56	3/4	3,200.89	3/4	3,455.21	3/4	3,709.53	3/4	3,959.27	3/4	4,213.20	3/4	4,467.12	3/4	4,721.04	3/4	4,974.96	3/4	5,228.88	3/4	5,486.80
1	2,951.86	1	3,206.18	1	3,460.51	1	3,714.83	1	3,962.97	1	4,216.90	1	4,470.82	1	4,724.74	1	4,978.66	1	5,233.58	1	5,495.50
1/4	2,957.16	1/4	3,211.48	1/4	3,465.81	1/4	3,720.13	1/4	3,966.68	1/4	4,220.60	1/4	4,474.52	1/4	4,728.44	1/4	4,982.36	1/4	5,238.28	1/4	5,501.20
1/2	2,962.46	1/2	3,216.78	1/2	3,471.10	1/2	3,725.43	1/2	3,968.81	1/2	4,224.52	1/2	4,478.44	1/2	4,736.36	1/2	4,990.28	1/2	5,243.20	1/2	5,506.12
3/4	2,967.76	3/4	3,222.08	3/4	3,476.40	3/4	3,730.73	3/4	3,970.94	3/4	4,228.44	3/4	4,482.36	3/4	4,740.28	3/4	4,996.20	3/4	5,248.12	3/4	5,511.04
1	2,973.05	1	3,227.38	1	3,481.70	1	3,736.02	1	3,973.07	1	4,232.36	1	4,486.28	1	4,744.20	1	4,998.12	1	5,253.04	1	5,515.96
1/4	2,978.35	1/4	3,232.68	1/4	3,487.00	1/4	3,741.32	1/4	3,975.20	1/4	4,236.28	1/4	4,490.20	1/4	4,748.04	1/4	5,000.00	1/4	5,257.96	1/4	5,520.88
1/2	2,983.65	1/2	3,237.97	1/2	3,492.30	1/2	3,746.62	1/2	3,980.00	1/2	4,240.20	1/2	4,494.12	1/2	4,751.96	1/2	5,004.00	1/2	5,262.88	1/2	5,525.80
3/4	2,988.95	3/4	3,243.27	3/4	3,497.60	3/4	3,751.92	3/4	3,987.60	3/4	4,244.12	3/4	4,498.04	3/4	4,755.80	3/4	5,008.00	3/4	5,267.80	3/4	5,530.72
1	2,994.25	1	3,248.57	1	3,502.89	1	3,757.22	1	3,993.60	1	4,248.04	1	4,501.96	1	4,759.76	1	5,012.00	1	5,272.80	1	5,535.64
1/4	2,999.55	1/4	3,253.87	1/4	3,508.19	1/4	3,762.52	1/4	3,999.60	1/4	4,251.96	1/4	4,505.88	1/4	4,763.60	1/4	5,016.00	1/4	5,277.80	1/4	5,540.56
1/2	3,004.84	1/2	3,259.17	1/2	3,513.49	1/2	3,767.81	1/2	4,000.00	1/2	4,255.88	1/2	4,509.80	1/2	4,767.44	1/2	5,020.00	1/2	5,282.80	1/2	5,545.48
3/4	3,010.14	3/4	3,264.47	3/4	3,518.79	3/4	3,773.11	3/4	4,004.00	3/4	4,259.80	3/4	4,513.72	3/4	4,771.12	3/4	5,024.00	3/4	5,287.80	3/4	5,550.40
1	3,015.44	1	3,269.76	1	3,524.09	1	3,778.41	1	4,008.00	1	4,263.72	1	4,517.64	1	4,775.76	1	5,028.00	1	5,292.80	1	5,555.32
1/4	3,020.74	1/4	3,275.06	1/4	3,529.39	1/4	3,783.71	1/4	4,012.00	1/4	4,267.64	1/4	4,521.56	1/4	4,779.80	1/4	5,032.00	1/4	5,297.80	1/4	5,560.24
1/2	3,026.04	1/2	3,280.36	1/2	3,534.68	1/2	3,789.01	1/2	4,016.00	1/2	4,271.56	1/2	4,525.48	1/2	4,783.96	1/2	5,036.00	1/2	5,302.80	1/2	5,565.16
3/4	3,031.34	3/4	3,285.66	3/4	3,539.98	3/4	3,794.31	3/4	4,020.00	3/4	4,275.48	3/4	4,529.40	3/4	4,788.12	3/4	5,040.00	3/4	5,307.80	3/4	5,570.08
1	3,036.64	1	3,290.96	1	3,545.28	1	3,799.60	1	4,024.00	1	4,279.40	1	4,533.32	1	4,792.28	1	5,044.00	1	5,312.80	1	5,575.00
1/4	3,041.93	1/4	3,296.26	1/4	3,550.58	1/4	3,804.90	1/4	4,028.00	1/4	4,283.32	1/4	4,537.24	1/4	4,796.44	1/4	5,048.00	1/4	5,317.80	1/4	5,579.92
1/2	3,047.23	1/2	3,301.56	1/2	3,555.88	1/2	3,810.20	1/2	4,032.00	1/2	4,287.24	1/2	4,541.16	1/2	4,800.60	1/2	5,052.00	1/2	5,322.80	1/2	5,584.84
3/4	3,052.53	3/4	3,306.85	3/4	3,561.18	3/4	3,815.50	3/4	4,036.00	3/4	4,291.16	3/4	4,545.08	3/4	4,803.76	3/4	5,056.00	3/4	5,327.80	3/4	5,589.76
1	3,057.83	1	3,312.15	1	3,566.48	1	3,820.80	1	4,040.00	1	4,295.08	1	4,549.00	1	4,807.84	1	5,060.00	1	5,332.80	1	5,594.72
1/4	3,063.13	1/4	3,317.45	1/4	3,571.77	1/4	3,826.10	1/4	4,044.00	1/4	4,299.00	1/4	4,552.92	1/4	4,811.80	1/4	5,064.00	1/4	5,337.80	1/4	5,599.64
1/2	3,068.43	1/2	3,322.75	1/2	3,577.07	1/2	3,831.40	1/2	4,048.00	1/2	4,302.92	1/2	4,556.84	1/2	4,815.84	1/2	5,068.00	1/2	5,342.80	1/2	5,604.56
3/4	3,073.72	3/4	3,328.05	3/4	3,582.37	3/4	3,836.69	3/4	4,052.00	3/4	4,306.84	3/4	4,560.76	3/4	4,819.84	3/4	5,072.00	3/4	5,347.80	3/4	5,609.48
1	3,079.02	1	3,333.35	1	3,587.67	1	3,841.99	1	4,056.00	1	4,310.76	1	4,564.68	1	4,823.84	1	5,076.00	1	5,352.80	1	5,614.40
1/4	3,084.32	1/4	3,338.64	1/4	3,592.97	1/4	3,847.29	1/4	4,060.00	1/4	4,314.68	1/4	4,568.60	1/4	4,827.84	1/4	5,080.00	1/4	5,357.80	1/4	5,619.32
1/2	3,089.62	1/2	3,343.94	1/2	3,598.27	1/2	3,852.59	1/2	4,064.00	1/2	4,318.60	1/2	4,572.52	1/2	4,831.84	1/2	5,084.00	1/2	5,362.80	1/2	5,624.24
3/4	3,094.92	3/4	3,349.24	3/4	3,603.56	3/4	3,857.89	3/4	4,068.00	3/4	4,322.52	3/4	4,576.44	3/4	4,835.84	3/4	5,088.00	3/4	5,367.80	3/4	5,629.16
1	3,100.22	1	3,354.54	1	3,608.86	1	3,863.19	1	4,072.00	1	4,326.44	1	4,580.36	1	4,839.84	1	5,092.00	1	5,372.80	1	5,634.08
1/4	3,105.51	1/4	3,359.84	1/4	3,614.16	1/4	3,868.48	1/4	4,076.00	1/4	4,330.36	1/4	4,584.28	1/4	4,843.84	1/4	5,096.00	1/4	5,377.80	1/4	5,639.00
1/2	3,110.81	1/2	3,365.14	1/2	3,619.46	1/2	3,873.78	1/2	4,080.00	1/2	4,334.28	1/2	4,588.20	1/2	4,847.84	1/2	5,100.00	1/2	5,382.80	1/2	5,643.92
3/4	3,116.11	3/4	3,370.43	3/4	3,624.76	3/4	3,879.08	3/4	4,084.00	3/4	4,338.20	3/4	4,592.12	3/4	4,851.84	3/4	5,104.00	3/4	5,387.80	3/4	5,648.84
1	3,121.41	1	3,375.73	1	3,630.06	1	3,884.38	1	4,088.00	1	4,342.12	1	4,596.04	1	4,855.84	1	5,108.00	1	5,392.80	1	5,653.76
1/4	3,126.71	1/4	3,381.03	1/4	3,635.35	1/4	3,889.67	1/4	4,092.00	1/4	4,346.04	1/4	4,600.00	1/4	4,859.84	1/4	5,112.00	1/4	5,397.80	1/4	5,658.68
1/2	3,132.01	1/2	3,386.33	1/2	3,640.65	1/2	3,894.97	1/2	4,096.00	1/2	4,349.96	1/2	4,603.92	1/2	4,863.84	1/2	5,116.00	1/2	5,402.80	1/2	5,663.60
3/4	3,137.30	3/4	3,391.63	3/4	3,645.95	3/4	3,900.26	3/4	4,100.00	3/4	4,353.88	3/4	4,607.84	3/4	4,867.84	3/4	5,120.00	3/4	5,407.80	3/4	5,668.52
1	3,142.60	1	3,396.93	1	3,651.25	1	3,905.55	1	4,104.00	1	4,357.80	1	4,611.76	1	4,871.84	1	5,124.00	1	5,412.80	1	5,673.44
1/4	3,147.90	1/4	3,402.22	1/4	3,656.55	1/4	3,910.85	1/4	4,108.00	1/4	4,361.72	1/4	4,615.68	1/4	4,875.84	1/4	5,128.00	1/4	5,417.80	1/4	5,678.36
1/2	3,153.20	1/2	3,407.52	1/2	3,661.85	1/2	3,916.12	1/2	4,112.00	1/2	4,365.64	1/2	4,619.60	1/2	4,879.84	1/2	5,132.00	1/2	5,422.80	1/2	5,683.28
3/4	3,158.50	3/4	3,412.82	3/4	3,667.14	3/4	3,921.40	3/4	4,116.00	3/4	4,369.56	3/4	4,623.52	3/4	4,883.84	3/4	5,136.00	3/4	5,427.80	3/4	5,688.20
1	3,163.80	1	3,418.12	1	3,672.44	1	3,926.67	1	4,120.00	1	4,373.48	1	4,627.44	1	4,887.84	1	5,140.00	1	5,432.80	1	5,693.12
1/4	3,169.10	1/4	3,423.42	1/4	3,677.74	1/4	3,931.95	1/4	4,124.00	1/4	4,377.40	1/4	4,631.36	1/4	4,891.84	1/4	5,144.00	1/4	5,437.80	1/4	5,698.04
1/2	3,174.39	1/2	3,428.72	1/2	3,683.04	1/2	3,936.92	1/2	4,128.00	1/2	4,381.32	1/2	4,635.28	1/2	4,895.84	1/2	5,148.00	1/2	5,442.80	1/2	5,702.96
3/4	3,179.69	3/4	3,434.02	3/4	3,688.34	3/4	3,941.90	3/4	4,132.00	3/4	4,385.24										



BARGE "IB 1088"

2 CENTER INNAGE TABLE

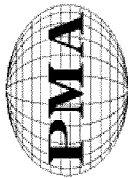
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	241.15	0	504.60	0	764.15	0	1,025.52	0	1,288.98	0	1,552.44	0	1,815.90	0	2,079.37	0	2,342.83	0
1/4	4.26	246.64	1/4	510.09	1/4	769.49	1/4	1,031.01	1/4	1,294.47	1/4	1,557.93	1/4	1,821.39	1/4	2,084.86	1/4	2,348.32	1/4
1/2	6.11	252.13	1/2	515.58	1/2	774.82	1/2	1,036.49	1/2	1,299.96	1/2	1,563.42	1/2	1,826.88	1/2	2,090.34	1/2	2,353.81	1/2
3/4	7.94	257.61	3/4	521.07	3/4	780.16	3/4	1,041.98	3/4	1,305.45	3/4	1,568.91	3/4	1,832.37	3/4	2,095.83	3/4	2,359.30	3/4
1	9.77	263.10	1	526.56	1	785.50	1	1,047.47	1	1,310.93	1	1,574.40	1	1,837.86	1	2,101.32	1	2,364.78	1
1/4	13.43	268.59	1/4	532.04	1/4	790.84	1/4	1,052.96	1/4	1,316.42	1/4	1,579.89	1/4	1,843.35	1/4	2,106.81	1/4	2,370.27	1/4
1/2	17.08	274.08	1/2	537.53	1/2	796.18	1/2	1,058.45	1/2	1,321.91	1/2	1,585.37	1/2	1,848.84	1/2	2,112.30	1/2	2,375.76	1/2
3/4	20.74	279.57	3/4	543.02	3/4	801.52	3/4	1,063.94	3/4	1,327.40	3/4	1,590.86	3/4	1,854.33	3/4	2,117.79	3/4	2,381.25	3/4
2	24.39	285.06	2	548.51	2	806.86	2	1,069.43	2	1,332.89	2	1,596.35	2	1,859.81	2	2,123.28	2	2,386.74	2
1/4	29.36	290.55	1/4	554.00	1/4	812.20	1/4	1,074.92	1/4	1,338.38	1/4	1,601.84	1/4	1,865.30	1/4	2,128.77	1/4	2,392.23	1/4
1/2	34.33	296.03	1/2	559.49	1/2	817.54	1/2	1,080.41	1/2	1,343.87	1/2	1,607.33	1/2	1,870.79	1/2	2,134.25	1/2	2,397.72	1/2
3/4	39.30	301.52	3/4	564.98	3/4	822.88	3/4	1,085.89	3/4	1,349.36	3/4	1,612.82	3/4	1,876.28	3/4	2,139.74	3/4	2,403.21	3/4
3	44.28	307.01	3	570.46	3	828.22	3	1,091.38	3	1,354.85	3	1,618.31	3	1,881.77	3	2,145.23	3	2,408.69	3
1/4	49.68	312.50	1/4	575.95	1/4	833.63	1/4	1,096.87	1/4	1,360.33	1/4	1,623.80	1/4	1,887.26	1/4	2,150.72	1/4	2,414.18	1/4
1/2	55.08	317.99	1/2	581.44	1/2	839.05	1/2	1,102.36	1/2	1,365.82	1/2	1,629.29	1/2	1,892.75	1/2	2,156.21	1/2	2,419.67	1/2
3/4	60.48	323.48	3/4	586.93	3/4	844.46	3/4	1,107.85	3/4	1,371.31	3/4	1,634.77	3/4	1,898.24	3/4	2,161.70	3/4	2,425.16	3/4
4	65.88	328.97	4	592.42	4	849.88	4	1,113.34	4	1,376.80	4	1,640.26	4	1,903.73	4	2,167.19	4	2,430.65	4
1/4	71.32	334.45	1/4	597.91	1/4	855.36	1/4	1,118.83	1/4	1,382.29	1/4	1,645.75	1/4	1,909.21	1/4	2,172.68	1/4	2,436.14	1/4
1/2	76.75	339.94	1/2	603.40	1/2	860.85	1/2	1,124.32	1/2	1,387.78	1/2	1,651.24	1/2	1,914.70	1/2	2,178.17	1/2	2,441.63	1/2
3/4	82.19	345.43	3/4	608.88	3/4	866.34	3/4	1,129.80	3/4	1,393.27	3/4	1,656.73	3/4	1,920.19	3/4	2,183.65	3/4	2,447.12	3/4
5	87.63	350.92	5	614.37	5	871.83	5	1,135.29	5	1,398.76	5	1,662.22	5	1,925.68	5	2,189.14	5	2,452.61	5
1/4	93.10	356.41	1/4	619.79	1/4	877.32	1/4	1,140.78	1/4	1,404.24	1/4	1,667.71	1/4	1,931.17	1/4	2,194.63	1/4	2,458.09	1/4
1/2	98.56	361.90	1/2	625.20	1/2	882.81	1/2	1,146.27	1/2	1,409.73	1/2	1,673.20	1/2	1,936.66	1/2	2,200.12	1/2	2,463.58	1/2
3/4	104.02	367.39	3/4	630.61	3/4	888.30	3/4	1,151.76	3/4	1,415.22	3/4	1,678.68	3/4	1,942.15	3/4	2,205.61	3/4	2,469.07	3/4
6	109.49	372.87	6	636.02	6	893.79	6	1,157.25	6	1,420.71	6	1,684.17	6	1,947.64	6	2,211.10	6	2,474.56	6
1/4	114.96	378.36	1/4	641.36	1/4	899.27	1/4	1,162.74	1/4	1,426.20	1/4	1,689.66	1/4	1,953.12	1/4	2,216.59	1/4	2,480.05	1/4
1/2	120.44	383.85	1/2	646.70	1/2	904.76	1/2	1,168.23	1/2	1,431.69	1/2	1,695.15	1/2	1,958.61	1/2	2,222.08	1/2	2,485.54	1/2
3/4	125.92	389.34	3/4	652.04	3/4	910.25	3/4	1,173.71	3/4	1,437.18	3/4	1,700.64	3/4	1,964.10	3/4	2,227.56	3/4	2,491.03	3/4
7	131.39	394.83	7	657.38	7	915.74	7	1,179.20	7	1,442.67	7	1,706.13	7	1,969.59	7	2,233.05	7	2,496.52	7
1/4	136.88	400.32	1/4	662.72	1/4	921.23	1/4	1,184.69	1/4	1,448.15	1/4	1,711.62	1/4	1,975.08	1/4	2,238.54	1/4	2,502.00	1/4
1/2	142.36	405.81	1/2	668.05	1/2	926.72	1/2	1,190.18	1/2	1,453.64	1/2	1,717.11	1/2	1,980.57	1/2	2,244.03	1/2	2,507.49	1/2
3/4	147.85	411.29	3/4	673.39	3/4	932.21	3/4	1,195.67	3/4	1,459.13	3/4	1,722.59	3/4	1,986.06	3/4	2,249.52	3/4	2,512.98	3/4
8	153.33	416.78	8	678.73	8	937.70	8	1,201.16	8	1,464.62	8	1,728.08	8	1,991.55	8	2,255.01	8	2,518.47	8
1/4	158.82	422.27	1/4	684.07	1/4	943.19	1/4	1,206.65	1/4	1,470.11	1/4	1,733.57	1/4	1,997.03	1/4	2,260.50	1/4	2,523.96	1/4
1/2	164.31	427.76	1/2	689.41	1/2	948.67	1/2	1,212.14	1/2	1,475.60	1/2	1,739.06	1/2	2,002.52	1/2	2,265.99	1/2	2,529.45	1/2
3/4	169.80	433.25	3/4	694.75	3/4	954.16	3/4	1,217.63	3/4	1,481.09	3/4	1,744.55	3/4	2,008.01	3/4	2,271.47	3/4	2,534.94	3/4
9	175.29	438.74	9	700.09	9	959.65	9	1,223.11	9	1,486.58	9	1,750.04	9	2,013.50	9	2,276.96	9	2,540.43	9
1/4	180.77	444.23	1/4	705.42	1/4	965.14	1/4	1,228.60	1/4	1,492.07	1/4	1,755.53	1/4	2,018.99	1/4	2,282.45	1/4	2,545.91	1/4
1/2	186.26	449.71	1/2	710.76	1/2	970.63	1/2	1,234.09	1/2	1,497.55	1/2	1,761.02	1/2	2,024.48	1/2	2,287.94	1/2	2,551.40	1/2
3/4	191.75	455.20	3/4	716.10	3/4	976.12	3/4	1,239.58	3/4	1,503.04	3/4	1,766.51	3/4	2,029.97	3/4	2,293.43	3/4	2,556.89	3/4
10	197.24	460.69	10	721.44	10	981.61	10	1,245.07	10	1,508.53	10	1,771.99	10	2,035.46	10	2,298.92	10	2,562.38	10
1/4	202.73	466.18	1/4	726.78	1/4	987.10	1/4	1,250.56	1/4	1,514.02	1/4	1,777.48	1/4	2,040.95	1/4	2,304.41	1/4	2,567.87	1/4
1/2	208.22	471.67	1/2	732.12	1/2	992.58	1/2	1,256.05	1/2	1,519.51	1/2	1,782.97	1/2	2,046.43	1/2	2,309.90	1/2	2,573.36	1/2
3/4	213.70	477.16	3/4	737.46	3/4	998.07	3/4	1,261.54	3/4	1,525.00	3/4	1,788.46	3/4	2,051.92	3/4	2,315.39	3/4	2,578.85	3/4
11	219.19	482.65	11	742.79	11	1,003.56	11	1,267.02	11	1,530.49	11	1,793.95	11	2,057.41	11	2,320.87	11	2,584.34	11
1/4	224.68	488.13	1/4	748.13	1/4	1,009.05	1/4	1,272.51	1/4	1,535.98	1/4	1,799.44	1/4	2,062.90	1/4	2,326.36	1/4	2,589.83	1/4
1/2	230.17	493.62	1/2	753.47	1/2	1,014.54	1/2	1,278.00	1/2	1,541.46	1/2	1,804.93	1/2	2,068.39	1/2	2,331.85	1/2	2,595.31	1/2
3/4	235.66	499.11	3/4	758.81	3/4	1,020.03	3/4	1,283.49	3/4	1,546.95	3/4	1,810.42	3/4	2,073.88	3/4	2,337.34	3/4	2,600.80	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPWS 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" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1088"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
0	2,606.29	0	2,869.75	0	3,133.22	0	3,396.68	0	3,658.89	0	3,921.10	0	4,183.31	0	4,445.52	0	4,707.73	0	4,970.00		
1/4	2,611.78	1/4	2,875.24	1/4	3,138.71	1/4	3,402.17	1/4	3,665.97	1/4	3,929.43	1/4	4,192.89	1/4	4,456.35	1/4	4,719.81	1/4	4,983.27	1/4	5,246.73
1/2	2,617.27	1/2	2,880.73	1/2	3,144.19	1/2	3,407.66	1/2	3,670.05	1/2	3,933.51	1/2	4,196.47	1/2	4,459.93	1/2	4,723.39	1/2	4,986.85	1/2	5,250.19
3/4	2,622.76	3/4	2,886.22	3/4	3,149.68	3/4	3,413.15	3/4	3,677.13	3/4	3,940.60	3/4	4,203.56	3/4	4,467.02	3/4	4,730.48	3/4	4,993.44	3/4	5,257.13
1	2,628.25	1	2,891.71	1	3,155.17	1	3,418.63	1	3,675.21	1	3,943.67	1	4,206.63	1	4,473.09	1	4,736.55	1	4,999.51	1	5,263.67
1/4	2,633.74	1/4	2,897.20	1/4	3,160.66	1/4	3,424.12	1/4	3,677.50	1/4	3,948.74	1/4	4,211.70	1/4	4,481.12	1/4	4,744.58	1/4	5,005.47	1/4	5,270.19
1/2	2,639.22	1/2	2,902.69	1/2	3,166.15	1/2	3,429.61	1/2	3,679.78	1/2	3,953.86	1/2	4,216.84	1/2	4,486.26	1/2	4,750.14	1/2	5,010.36	1/2	5,276.73
3/4	2,644.71	3/4	2,908.18	3/4	3,171.64	3/4	3,435.10	3/4	3,682.07	3/4	3,958.91	3/4	4,223.87	3/4	4,493.29	3/4	4,757.64	3/4	5,016.52	3/4	5,283.32
2	2,650.20	2	2,913.66	2	3,177.13	2	3,440.59	2	3,684.36	2	3,964.80	2	4,230.84	2	4,500.26	2	4,764.16	2	5,023.05	2	5,289.91
1/4	2,655.69	1/4	2,919.15	1/4	3,182.62	1/4	3,446.08	1/4	3,688.53	1/4	3,970.24	1/4	4,237.80	1/4	4,507.22	1/4	4,771.52	1/4	5,030.01	1/4	5,296.40
1/2	2,661.18	1/2	2,924.64	1/2	3,188.10	1/2	3,451.57	1/2	3,692.48	1/2	3,976.71	1/2	4,244.77	1/2	4,514.15	1/2	4,778.85	1/2	5,036.49	1/2	5,302.88
3/4	2,666.67	3/4	2,930.13	3/4	3,193.59	3/4	3,457.06	3/4	3,696.39	3/4	3,982.14	3/4	4,251.76	3/4	4,521.63	3/4	4,786.13	3/4	5,042.93	3/4	5,309.36
3	2,672.16	3	2,935.62	3	3,199.08	3	3,462.54	3	3,700.30	3	3,988.03	3	4,258.70	3	4,528.61	3	4,792.48	3	5,049.42	3	5,315.85
1/4	2,677.65	1/4	2,941.11	1/4	3,204.57	1/4	3,468.03	1/4	3,705.63	1/4	3,994.52	1/4	4,265.74	1/4	4,535.65	1/4	4,799.52	1/4	5,055.91	1/4	5,322.32
1/2	2,683.13	1/2	2,946.60	1/2	3,210.06	1/2	3,473.52	1/2	3,712.70	1/2	4,000.59	1/2	4,272.81	1/2	4,542.92	1/2	4,806.80	1/2	5,062.29	1/2	5,329.25
3/4	2,688.62	3/4	2,952.09	3/4	3,215.55	3/4	3,479.01	3/4	3,719.84	3/4	4,007.62	3/4	4,280.73	3/4	4,550.04	3/4	4,812.92	3/4	5,069.48	3/4	5,336.19
4	2,694.11	4	2,957.57	4	3,221.04	4	3,484.50	4	3,725.27	4	4,014.65	4	4,287.76	4	4,557.17	4	4,820.36	4	5,076.87	4	5,342.66
1/4	2,699.60	1/4	2,963.06	1/4	3,226.53	1/4	3,489.99	1/4	3,730.70	1/4	4,021.70	1/4	4,294.79	1/4	4,564.28	1/4	4,826.88	1/4	5,083.36	1/4	5,349.15
1/2	2,705.09	1/2	2,968.55	1/2	3,232.01	1/2	3,495.48	1/2	3,735.12	1/2	4,028.71	1/2	4,301.80	1/2	4,571.77	1/2	4,833.37	1/2	5,090.85	1/2	5,355.64
3/4	2,710.58	3/4	2,974.04	3/4	3,237.50	3/4	3,500.97	3/4	3,739.64	3/4	4,035.72	3/4	4,308.81	3/4	4,579.78	3/4	4,839.87	3/4	5,098.34	3/4	5,362.11
5	2,716.07	5	2,979.53	5	3,242.99	5	3,506.45	5	3,744.07	5	4,042.77	5	4,315.86	5	4,586.83	5	4,845.92	5	5,105.85	5	5,368.58
1/4	2,721.56	1/4	2,985.02	1/4	3,248.48	1/4	3,511.94	1/4	3,748.54	1/4	4,049.86	1/4	4,321.95	1/4	4,593.92	1/4	4,851.01	1/4	5,113.34	1/4	5,375.05
1/2	2,727.05	1/2	2,990.51	1/2	3,253.97	1/2	3,517.43	1/2	3,754.03	1/2	4,056.97	1/2	4,328.06	1/2	4,600.00	1/2	4,857.09	1/2	5,120.87	1/2	5,381.54
3/4	2,732.53	3/4	2,996.00	3/4	3,259.46	3/4	3,522.92	3/4	3,759.52	3/4	4,064.00	3/4	4,334.19	3/4	4,606.26	3/4	4,863.35	3/4	5,128.34	3/4	5,388.01
6	2,738.02	6	3,001.49	6	3,264.95	6	3,528.41	6	3,764.97	6	4,071.05	6	4,340.22	6	4,612.48	6	4,870.74	6	5,135.81	6	5,394.56
1/4	2,743.51	1/4	3,006.97	1/4	3,270.44	1/4	3,533.90	1/4	3,770.46	1/4	4,078.12	1/4	4,346.37	1/4	4,618.63	1/4	4,877.89	1/4	5,143.28	1/4	5,400.03
1/2	2,749.00	1/2	3,012.46	1/2	3,275.93	1/2	3,539.39	1/2	3,775.93	1/2	4,084.24	1/2	4,352.50	1/2	4,624.76	1/2	4,884.02	1/2	5,150.75	1/2	5,406.52
3/4	2,754.49	3/4	3,017.95	3/4	3,281.41	3/4	3,544.88	3/4	3,781.41	3/4	4,090.19	3/4	4,358.67	3/4	4,630.92	3/4	4,891.18	3/4	5,158.24	3/4	5,413.01
7	2,759.98	7	3,023.44	7	3,286.90	7	3,550.37	7	3,786.90	7	4,096.27	7	4,364.76	7	4,637.01	7	4,897.27	7	5,165.71	7	5,419.50
1/4	2,765.47	1/4	3,028.93	1/4	3,292.39	1/4	3,555.85	1/4	3,792.39	1/4	4,102.36	1/4	4,370.81	1/4	4,643.06	1/4	4,903.32	1/4	5,173.85	1/4	5,426.00
1/2	2,770.96	1/2	3,034.42	1/2	3,297.88	1/2	3,561.34	1/2	3,797.88	1/2	4,108.44	1/2	4,376.96	1/2	4,649.21	1/2	4,909.47	1/2	5,181.34	1/2	5,432.49
3/4	2,776.44	3/4	3,039.91	3/4	3,303.37	3/4	3,566.83	3/4	3,803.37	3/4	4,114.51	3/4	4,383.03	3/4	4,655.28	3/4	4,915.54	3/4	5,189.83	3/4	5,439.00
8	2,781.93	8	3,045.40	8	3,308.86	8	3,572.32	8	3,808.86	8	4,120.60	8	4,389.12	8	4,661.39	8	4,917.65	8	5,197.32	8	5,445.49
1/4	2,787.42	1/4	3,050.88	1/4	3,314.35	1/4	3,577.81	1/4	3,814.81	1/4	4,126.69	1/4	4,395.19	1/4	4,667.46	1/4	4,923.72	1/4	5,205.80	1/4	5,452.00
1/2	2,792.91	1/2	3,056.37	1/2	3,319.84	1/2	3,583.29	1/2	3,820.79	1/2	4,132.78	1/2	4,401.27	1/2	4,673.54	1/2	4,930.80	1/2	5,214.29	1/2	5,458.50
3/4	2,798.40	3/4	3,061.86	3/4	3,325.32	3/4	3,588.78	3/4	3,826.78	3/4	4,138.86	3/4	4,407.36	3/4	4,679.61	3/4	4,936.85	3/4	5,222.78	3/4	5,465.00
9	2,803.89	9	3,067.35	9	3,330.81	9	3,594.26	9	3,832.78	9	4,144.95	9	4,413.45	9	4,685.70	9	4,944.90	9	5,231.27	9	5,471.50
1/4	2,809.38	1/4	3,072.84	1/4	3,336.30	1/4	3,599.75	1/4	3,838.75	1/4	4,151.04	1/4	4,419.54	1/4	4,691.79	1/4	4,949.95	1/4	5,239.34	1/4	5,478.00
1/2	2,814.87	1/2	3,078.33	1/2	3,341.79	1/2	3,605.23	1/2	3,844.73	1/2	4,157.13	1/2	4,426.04	1/2	4,700.29	1/2	4,957.00	1/2	5,247.83	1/2	5,484.50
3/4	2,820.35	3/4	3,083.82	3/4	3,347.28	3/4	3,610.71	3/4	3,851.67	3/4	4,163.22	3/4	4,432.55	3/4	4,706.80	3/4	4,963.05	3/4	5,255.36	3/4	5,491.00
10	2,825.84	10	3,089.31	10	3,352.77	10	3,616.20	10	3,857.16	10	4,169.27	10	4,438.60	10	4,712.85	10	4,968.10	10	5,262.57	10	5,497.50
1/4	2,831.33	1/4	3,094.79	1/4	3,358.26	1/4	3,621.67	1/4	3,862.61	1/4	4,175.36	1/4	4,445.11	1/4	4,719.30	1/4	4,974.79	1/4	5,270.04	1/4	5,504.00
1/2	2,836.82	1/2	3,100.28	1/2	3,363.75	1/2	3,627.13	1/2	3,867.56	1/2	4,181.45	1/2	4,451.60	1/2	4,725.54	1/2	4,980.02	1/2	5,277.57	1/2	5,510.50
3/4	2,842.31	3/4	3,105.77	3/4	3,369.23	3/4	3,632.60	3/4	3,871.41	3/4	4,187.54	3/4	4,457.75	3/4	4,731.69	3/4	4,986.17	3/4	5,285.04	3/4	5,517.00
11	2,847.80	11	3,111.26	11	3,374.72	11	3,638.07	11	3,876.30	11	4,193.67	11	4,463.88	11	4,737.02	11	4,991.26	11	5,292.57	11	5,523.50
1/4	2,853.29	1/4	3,116.75	1/4	3,380.21	1/4	3,643.28	1/4	3,881.59	1/4	4,200.76	1/4	4,470.01	1/4	4,743.16	1/4	4,998.31	1/4	5,300.04	1/4	5,530.00
1/2	2,858.78	1/2	3,122.24	1/2	3,385.70	1/2	3,648.48	1/2	3,887.97	1/2											



BARGE "IB 1088"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2.44	0	238.97	0	500.04	0	760.83	0	1,021.77	0	1,282.84	0	1,543.92	0	1,805.00	0	2,066.07	0	2,327.15
1/4	4.25	1/4	244.41	1/4	505.48	1/4	766.26	1/4	1,027.20	1/4	1,288.28	1/4	1,549.36	1/4	1,810.43	1/4	2,071.51	1/4	2,332.59
1/2	6.06	1/2	249.85	1/2	510.92	1/2	771.69	1/2	1,032.64	1/2	1,293.72	1/2	1,564.80	1/2	1,815.87	1/2	2,076.95	1/2	2,338.03
3/4	7.88	3/4	255.29	3/4	516.35	3/4	777.11	3/4	1,038.08	3/4	1,299.16	3/4	1,560.24	3/4	1,821.31	3/4	2,082.39	3/4	2,343.47
1	9.69	1	260.73	1	521.79	1	782.54	1	1,043.52	1	1,304.60	1	1,565.68	1	1,826.75	1	2,087.83	1	2,348.91
1/4	13.31	1/4	266.17	1/4	527.23	1/4	787.97	1/4	1,048.96	1/4	1,310.04	1/4	1,571.11	1/4	1,832.19	1/4	2,093.27	1/4	2,354.34
1/2	16.93	1/2	271.60	1/2	532.67	1/2	793.40	1/2	1,054.40	1/2	1,315.48	1/2	1,576.55	1/2	1,837.63	1/2	2,098.71	1/2	2,359.78
3/4	20.56	3/4	277.04	3/4	538.11	3/4	798.83	3/4	1,059.84	3/4	1,320.92	3/4	1,581.99	3/4	1,843.07	3/4	2,104.15	3/4	2,365.22
2	24.18	2	282.48	2	543.55	2	804.26	2	1,065.28	2	1,326.35	2	1,587.43	2	1,848.51	2	2,109.59	2	2,370.66
1/4	29.10	1/4	287.92	1/4	548.99	1/4	809.69	1/4	1,070.72	1/4	1,331.79	1/4	1,592.87	1/4	1,853.95	1/4	2,115.02	1/4	2,376.10
1/2	34.03	1/2	293.36	1/2	554.43	1/2	815.12	1/2	1,076.16	1/2	1,337.23	1/2	1,598.31	1/2	1,859.39	1/2	2,120.46	1/2	2,381.54
3/4	38.95	3/4	298.80	3/4	559.87	3/4	820.55	3/4	1,081.60	3/4	1,342.67	3/4	1,603.75	3/4	1,864.83	3/4	2,125.90	3/4	2,386.98
3	43.88	3	304.24	3	565.30	3	825.98	3	1,087.03	3	1,348.11	3	1,609.19	3	1,870.26	3	2,131.34	3	2,392.42
1/4	49.23	1/4	309.68	1/4	570.74	1/4	831.41	1/4	1,092.47	1/4	1,353.55	1/4	1,614.63	1/4	1,875.70	1/4	2,136.78	1/4	2,397.86
1/2	54.58	1/2	315.12	1/2	576.18	1/2	836.85	1/2	1,097.91	1/2	1,358.99	1/2	1,620.07	1/2	1,881.14	1/2	2,142.22	1/2	2,403.30
3/4	59.93	3/4	320.55	3/4	581.62	3/4	842.28	3/4	1,103.35	3/4	1,364.43	3/4	1,625.51	3/4	1,886.58	3/4	2,147.66	3/4	2,408.74
4	65.28	4	325.99	4	587.06	4	847.71	4	1,108.79	4	1,369.87	4	1,630.94	4	1,892.02	4	2,153.10	4	2,414.17
1/4	70.68	1/4	331.43	1/4	592.50	1/4	853.15	1/4	1,114.23	1/4	1,375.31	1/4	1,636.38	1/4	1,897.46	1/4	2,158.54	1/4	2,419.61
1/2	76.07	1/2	336.87	1/2	597.94	1/2	858.59	1/2	1,119.67	1/2	1,380.75	1/2	1,641.82	1/2	1,902.90	1/2	2,163.98	1/2	2,425.05
3/4	81.46	3/4	342.31	3/4	603.38	3/4	864.03	3/4	1,125.11	3/4	1,386.19	3/4	1,647.26	3/4	1,908.34	3/4	2,169.42	3/4	2,430.49
5	86.85	5	347.75	5	608.82	5	869.47	5	1,130.55	5	1,391.62	5	1,652.70	5	1,913.78	5	2,174.85	5	2,435.93
1/4	92.26	1/4	353.19	1/4	614.25	1/4	874.91	1/4	1,135.99	1/4	1,397.06	1/4	1,658.14	1/4	1,919.22	1/4	2,180.29	1/4	2,441.37
1/2	97.67	1/2	358.63	1/2	619.68	1/2	880.35	1/2	1,141.43	1/2	1,402.50	1/2	1,663.58	1/2	1,924.66	1/2	2,185.73	1/2	2,446.81
3/4	103.09	3/4	364.07	3/4	625.12	3/4	885.79	3/4	1,146.86	3/4	1,407.94	3/4	1,669.02	3/4	1,930.10	3/4	2,191.17	3/4	2,452.25
6	108.50	6	369.50	6	630.55	6	891.23	6	1,152.30	6	1,413.38	6	1,674.46	6	1,935.53	6	2,196.61	6	2,457.69
1/4	113.93	1/4	374.94	1/4	635.98	1/4	896.67	1/4	1,157.74	1/4	1,418.82	1/4	1,679.90	1/4	1,940.97	1/4	2,202.05	1/4	2,463.13
1/2	119.36	1/2	380.38	1/2	641.41	1/2	902.11	1/2	1,163.18	1/2	1,424.26	1/2	1,685.34	1/2	1,946.41	1/2	2,207.49	1/2	2,468.57
3/4	124.78	3/4	385.82	3/4	646.83	3/4	907.54	3/4	1,168.62	3/4	1,429.70	3/4	1,690.77	3/4	1,951.85	3/4	2,212.93	3/4	2,474.01
7	130.21	7	391.26	7	652.26	7	912.98	7	1,174.06	7	1,435.14	7	1,696.21	7	1,957.29	7	2,218.37	7	2,479.44
1/4	135.65	1/4	396.70	1/4	657.69	1/4	918.42	1/4	1,179.50	1/4	1,440.58	1/4	1,701.65	1/4	1,962.73	1/4	2,223.81	1/4	2,484.88
1/2	141.08	1/2	402.14	1/2	663.12	1/2	923.86	1/2	1,184.94	1/2	1,446.02	1/2	1,707.09	1/2	1,968.17	1/2	2,229.25	1/2	2,490.32
3/4	146.52	3/4	407.58	3/4	668.55	3/4	929.30	3/4	1,190.38	3/4	1,451.45	3/4	1,712.53	3/4	1,973.61	3/4	2,234.68	3/4	2,495.76
8	151.95	8	413.02	8	673.98	8	934.74	8	1,195.82	8	1,456.89	8	1,717.97	8	1,979.05	8	2,240.12	8	2,501.20
1/4	157.39	1/4	418.45	1/4	679.40	1/4	940.18	1/4	1,201.26	1/4	1,462.33	1/4	1,723.41	1/4	1,984.49	1/4	2,245.56	1/4	2,506.64
1/2	162.83	1/2	423.89	1/2	684.83	1/2	945.62	1/2	1,206.69	1/2	1,467.77	1/2	1,728.85	1/2	1,989.93	1/2	2,251.00	1/2	2,512.08
3/4	168.27	3/4	429.33	3/4	690.26	3/4	951.06	3/4	1,212.13	3/4	1,473.21	3/4	1,734.29	3/4	1,995.36	3/4	2,256.44	3/4	2,517.52
9	173.70	9	434.77	9	695.69	9	956.50	9	1,217.57	9	1,478.65	9	1,739.73	9	2,000.80	9	2,261.88	9	2,522.96
1/4	179.14	1/4	440.21	1/4	701.12	1/4	961.94	1/4	1,223.01	1/4	1,484.09	1/4	1,745.17	1/4	2,006.24	1/4	2,267.32	1/4	2,528.40
1/2	184.58	1/2	445.65	1/2	706.55	1/2	967.37	1/2	1,228.45	1/2	1,489.53	1/2	1,750.60	1/2	2,011.68	1/2	2,272.76	1/2	2,533.84
3/4	190.02	3/4	451.09	3/4	711.97	3/4	972.81	3/4	1,233.89	3/4	1,494.97	3/4	1,756.04	3/4	2,017.12	3/4	2,278.20	3/4	2,539.27
10	195.46	10	456.53	10	717.40	10	978.25	10	1,239.33	10	1,500.41	10	1,761.48	10	2,022.56	10	2,283.64	10	2,544.71
1/4	200.90	1/4	461.97	1/4	722.83	1/4	983.69	1/4	1,244.77	1/4	1,505.85	1/4	1,766.92	1/4	2,028.00	1/4	2,289.08	1/4	2,550.15
1/2	206.34	1/2	467.40	1/2	728.26	1/2	989.13	1/2	1,250.21	1/2	1,511.28	1/2	1,772.36	1/2	2,033.44	1/2	2,294.51	1/2	2,555.59
3/4	211.78	3/4	472.84	3/4	733.69	3/4	994.57	3/4	1,255.65	3/4	1,516.72	3/4	1,777.80	3/4	2,038.88	3/4	2,299.95	3/4	2,561.03
11	217.22	11	478.28	11	739.12	11	1,000.01	11	1,261.09	11	1,522.16	11	1,783.24	11	2,044.32	11	2,305.39	11	2,566.47
1/4	222.65	1/4	483.72	1/4	744.54	1/4	1,005.45	1/4	1,266.52	1/4	1,527.60	1/4	1,788.68	1/4	2,049.76	1/4	2,310.83	1/4	2,571.91
1/2	228.09	1/2	489.16	1/2	749.97	1/2	1,010.89	1/2	1,271.96	1/2	1,533.04	1/2	1,794.12	1/2	2,055.19	1/2	2,316.27	1/2	2,577.35
3/4	233.53	3/4	494.60	3/4	755.40	3/4	1,016.33	3/4	1,277.40	3/4	1,538.48	3/4	1,799.56	3/4	2,060.63	3/4	2,321.71	3/4	2,582.79

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPWS 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" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

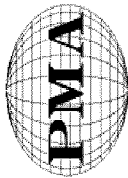
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P. O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1088"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,588.23	0	2,849.30	0	3,110.38	0	3,371.46	0	3,631.31	0	0	0	0	0	0	0	0	0	0
1/4	2,593.67	1/4	2,854.74	1/4	3,115.82	1/4	3,376.90	1/4	3,635.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,599.10	1/2	2,860.18	1/2	3,121.26	1/2	3,382.33	1/2	3,639.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,604.54	3/4	2,865.62	3/4	3,126.70	3/4	3,387.77	3/4	3,643.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,609.98	1	2,871.06	1	3,132.14	1	3,393.21	1	3,647.48	1	1	1	1	1	1	1	1	1	1
1/4	2,615.42	1/4	2,876.50	1/4	3,137.58	1/4	3,398.65	1/4	3,649.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,620.86	1/2	2,881.94	1/2	3,143.01	1/2	3,404.09	1/2	3,652.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,626.30	3/4	2,887.38	3/4	3,148.45	3/4	3,409.53	3/4	3,654.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,631.74	2	2,892.82	2	3,153.89	2	3,414.97	2	3,656.54	2	2	2	2	2	2	2	2	2	2
1/4	2,637.18	1/4	2,898.25	1/4	3,159.33	1/4	3,420.41	1/4	3,658.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,642.62	1/2	2,903.69	1/2	3,164.77	1/2	3,425.85	1/2	3,661.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,648.06	3/4	2,909.13	3/4	3,170.21	3/4	3,431.29	3/4	3,663.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,653.50	3	2,914.57	3	3,175.65	3	3,436.73	3	3,665.58	3	3	3	3	3	3	3	3	3	3
1/4	2,658.93	1/4	2,920.01	1/4	3,181.09	1/4	3,442.16	1/4	3,667.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,664.37	1/2	2,925.45	1/2	3,186.53	1/2	3,447.60	1/2	3,670.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,669.81	3/4	2,930.89	3/4	3,191.97	3/4	3,453.04	3/4	3,672.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,675.25	4	2,936.33	4	3,197.41	4	3,458.48	4	3,674.62	4	4	4	4	4	4	4	4	4	4
1/4	2,680.69	1/4	2,941.77	1/4	3,202.84	1/4	3,463.92	1/4	3,676.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,686.13	1/2	2,947.21	1/2	3,208.28	1/2	3,469.36	1/2	3,679.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,691.57	3/4	2,952.65	3/4	3,213.72	3/4	3,474.80	3/4	3,681.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,697.01	5	2,958.09	5	3,219.16	5	3,480.24	5	3,683.66	5	5	5	5	5	5	5	5	5	5
1/4	2,702.45	1/4	2,963.52	1/4	3,224.60	1/4	3,485.68	1/4	3,685.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,707.89	1/2	2,968.96	1/2	3,230.04	1/2	3,491.12	1/2	3,688.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,713.33	3/4	2,974.40	3/4	3,235.48	3/4	3,496.56	3/4	3,690.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,718.76	6	2,979.84	6	3,240.92	6	3,501.99	6	3,692.70	6	6	6	6	6	6	6	6	6	6
1/4	2,724.20	1/4	2,985.28	1/4	3,246.36	1/4	3,507.43	1/4	3,694.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,729.64	1/2	2,990.72	1/2	3,251.80	1/2	3,512.87	1/2	3,697.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,735.08	3/4	2,996.16	3/4	3,257.24	3/4	3,518.31	3/4	3,699.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,740.52	7	3,001.60	7	3,262.67	7	3,523.75	7	3,701.74	7	7	7	7	7	7	7	7	7	7
1/4	2,745.96	1/4	3,007.04	1/4	3,268.11	1/4	3,529.19	1/4	3,704.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,751.40	1/2	3,012.48	1/2	3,273.55	1/2	3,534.63	1/2	3,706.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,756.84	3/4	3,017.92	3/4	3,278.99	3/4	3,540.07	3/4	3,708.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,762.28	8	3,023.35	8	3,284.43	8	3,545.51	8	3,710.78	8	8	8	8	8	8	8	8	8	8
1/4	2,767.72	1/4	3,028.79	1/4	3,289.87	1/4	3,550.95	1/4	3,713.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,773.16	1/2	3,034.23	1/2	3,295.31	1/2	3,556.39	1/2	3,715.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,778.59	3/4	3,039.67	3/4	3,300.75	3/4	3,561.83	3/4	3,717.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,784.03	9	3,045.11	9	3,306.19	9	3,567.26	9	3,719.82	9	9	9	9	9	9	9	9	9	9
1/4	2,789.47	1/4	3,050.55	1/4	3,311.63	1/4	3,572.70	1/4	3,722.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,794.91	1/2	3,055.99	1/2	3,317.07	1/2	3,578.13	1/2	3,724.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,800.35	3/4	3,061.43	3/4	3,322.50	3/4	3,583.57	3/4	3,726.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,805.79	10	3,066.87	10	3,327.94	10	3,589.00	10	3,728.86	10	10	10	10	10	10	10	10	10	10
1/4	2,811.23	1/4	3,072.31	1/4	3,333.38	1/4	3,594.42	1/4	3,731.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,816.67	1/2	3,077.75	1/2	3,338.82	1/2	3,599.84	1/2	3,733.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,822.11	3/4	3,083.18	3/4	3,344.26	3/4	3,605.26	3/4	3,735.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,827.55	11	3,088.62	11	3,349.70	11	3,610.68	11	3,737.90	11	11	11	11	11	11	11	11	11	11
1/4	2,832.99	1/4	3,094.06	1/4	3,355.14	1/4	3,616.12	1/4	3,740.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,838.42	1/2	3,099.50	1/2	3,360.58	1/2	3,621.56	1/2	3,742.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,843.86	3/4	3,104.94	3/4	3,366.02	3/4	3,626.99	3/4	3,744.72	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: 06/26/2017 CL
CALCULATED: 06/27/2017 CL
PRINTED: 06/27/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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