

BARGE "IB 1079"

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:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00'' \\
 \text{AFT DRAFT} &= 4'-00'' \\
 \text{DIFF.} &= 2'-00'' \quad (\text{DOWN BY STERN})
 \end{aligned}$$

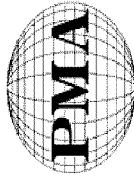
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

June 2, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1079"

1 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	275.38	0	572.21	0	865.09	0	1,159.69	0	1,456.33	0	1,752.61	0	2,049.43	0	2,346.23	0	2,643.04	0
1/4	1/4	281.57	1/4	578.40	1/4	871.12	1/4	1,165.87	1/4	1,462.50	1/4	1,758.79	1/4	2,055.61	1/4	2,352.42	1/4	2,649.22	1/4
1/2	1/2	287.75	1/2	584.58	1/2	877.16	1/2	1,172.05	1/2	1,468.67	1/2	1,764.98	1/2	2,061.79	1/2	2,358.60	1/2	2,655.41	1/2
3/4	3/4	293.94	3/4	590.76	3/4	883.19	3/4	1,178.23	3/4	1,474.84	3/4	1,771.16	3/4	2,067.98	3/4	2,364.78	3/4	2,661.59	3/4
1	1	300.12	1	596.95	1	889.22	1	1,184.41	1	1,481.01	1	1,777.34	1	2,074.16	1	2,370.96	1	2,667.77	1
1/4	1/4	306.30	1/4	603.13	1/4	895.25	1/4	1,190.59	1/4	1,487.18	1/4	1,783.53	1/4	2,080.34	1/4	2,377.15	1/4	2,673.96	1/4
1/2	1/2	312.49	1/2	609.32	1/2	901.28	1/2	1,196.77	1/2	1,493.35	1/2	1,789.71	1/2	2,086.53	1/2	2,383.33	1/2	2,680.14	1/2
3/4	3/4	318.67	3/4	615.50	3/4	907.32	3/4	1,202.95	3/4	1,499.52	3/4	1,795.89	3/4	2,092.71	3/4	2,389.51	3/4	2,686.32	3/4
2	2	324.86	2	621.68	2	913.35	2	1,209.13	2	1,505.69	2	1,802.08	2	2,095.89	2	2,395.70	2	2,692.51	2
1/4	1/4	331.04	1/4	627.87	1/4	919.38	1/4	1,215.31	1/4	1,511.86	1/4	1,808.26	1/4	2,105.08	1/4	2,401.88	1/4	2,698.69	1/4
1/2	1/2	337.22	1/2	634.05	1/2	925.41	1/2	1,221.49	1/2	1,518.03	1/2	1,814.44	1/2	2,111.26	1/2	2,408.06	1/2	2,704.88	1/2
3/4	3/4	343.41	3/4	640.24	3/4	931.45	3/4	1,227.67	3/4	1,524.20	3/4	1,820.63	3/4	2,117.45	3/4	2,414.25	3/4	2,711.06	3/4
3	3	349.59	3	646.42	3	937.48	3	1,233.85	3	1,530.37	3	1,826.81	3	2,123.63	3	2,420.43	3	2,717.24	3
1/4	1/4	355.78	1/4	652.60	1/4	943.59	1/4	1,240.03	1/4	1,536.54	1/4	1,833.00	1/4	2,129.81	1/4	2,426.61	1/4	2,723.43	1/4
1/2	1/2	361.96	1/2	658.79	1/2	949.69	1/2	1,246.21	1/2	1,542.71	1/2	1,839.18	1/2	2,136.00	1/2	2,432.79	1/2	2,729.61	1/2
3/4	3/4	368.14	3/4	664.97	3/4	955.80	3/4	1,252.39	3/4	1,548.87	3/4	1,845.36	3/4	2,142.18	3/4	2,438.98	3/4	2,735.79	3/4
4	4	374.33	4	671.16	4	961.91	4	1,258.58	4	1,555.04	4	1,851.55	4	2,148.36	4	2,445.16	4	2,741.98	4
1/4	1/4	380.51	1/4	677.34	1/4	968.09	1/4	1,264.76	1/4	1,561.21	1/4	1,857.73	1/4	2,154.55	1/4	2,461.34	1/4	2,748.16	1/4
1/2	1/2	386.70	1/2	683.52	1/2	974.27	1/2	1,270.94	1/2	1,567.38	1/2	1,863.91	1/2	2,160.73	1/2	2,467.53	1/2	2,754.34	1/2
3/4	3/4	392.88	3/4	689.71	3/4	980.45	3/4	1,277.12	3/4	1,573.55	3/4	1,870.10	3/4	2,166.92	3/4	2,473.71	3/4	2,761.53	3/4
5	5	399.06	5	695.89	5	986.63	5	1,283.30	5	1,579.72	5	1,876.28	5	2,173.10	5	2,479.89	5	2,766.71	5
1/4	1/4	405.25	1/4	702.00	1/4	992.81	1/4	1,289.48	1/4	1,585.89	1/4	1,882.47	1/4	2,179.28	1/4	2,476.08	1/4	2,772.90	1/4
1/2	1/2	411.43	1/2	708.11	1/2	998.99	1/2	1,295.66	1/2	1,592.06	1/2	1,888.65	1/2	2,185.47	1/2	2,482.26	1/2	2,779.08	1/2
3/4	3/4	417.62	3/4	714.22	3/4	1,005.17	3/4	1,301.84	3/4	1,598.23	3/4	1,894.83	3/4	2,191.65	3/4	2,488.45	3/4	2,785.26	3/4
6	6	423.80	6	720.32	6	1,011.35	6	1,308.02	6	1,604.40	6	1,901.02	6	2,197.83	6	2,494.63	6	2,791.45	6
1/4	1/4	429.98	1/4	726.36	1/4	1,017.53	1/4	1,314.20	1/4	1,610.57	1/4	1,907.20	1/4	2,204.02	1/4	2,500.81	1/4	2,797.63	1/4
1/2	1/2	436.17	1/2	732.39	1/2	1,023.71	1/2	1,320.38	1/2	1,616.74	1/2	1,913.38	1/2	2,210.20	1/2	2,507.00	1/2	2,803.81	1/2
3/4	3/4	442.35	3/4	738.42	3/4	1,029.89	3/4	1,326.56	3/4	1,622.91	3/4	1,919.57	3/4	2,216.39	3/4	2,513.18	3/4	2,810.00	3/4
7	7	448.54	7	744.45	7	1,036.07	7	1,332.74	7	1,629.08	7	1,925.75	7	2,222.57	7	2,519.36	7	2,816.18	7
1/4	1/4	454.72	1/4	750.48	1/4	1,042.25	1/4	1,338.92	1/4	1,635.25	1/4	1,931.93	1/4	2,228.75	1/4	2,525.55	1/4	2,822.37	1/4
1/2	1/2	460.90	1/2	756.52	1/2	1,048.43	1/2	1,345.10	1/2	1,641.42	1/2	1,938.12	1/2	2,234.94	1/2	2,537.73	1/2	2,828.55	1/2
3/4	3/4	467.09	3/4	762.55	3/4	1,054.62	3/4	1,351.28	3/4	1,647.59	3/4	1,944.30	3/4	2,241.12	3/4	2,537.92	3/4	2,834.73	3/4
8	8	473.27	8	768.58	8	1,060.80	8	1,357.46	8	1,653.75	8	1,950.49	8	2,247.30	8	2,544.10	8	2,840.92	8
1/4	1/4	479.45	1/4	774.61	1/4	1,066.98	1/4	1,363.65	1/4	1,659.92	1/4	1,956.67	1/4	2,253.49	1/4	2,560.28	1/4	2,847.10	1/4
1/2	1/2	485.64	1/2	780.64	1/2	1,073.16	1/2	1,369.83	1/2	1,666.09	1/2	1,962.85	1/2	2,259.67	1/2	2,566.47	1/2	2,853.28	1/2
3/4	3/4	491.82	3/4	786.68	3/4	1,079.34	3/4	1,376.01	3/4	1,672.26	3/4	1,969.04	3/4	2,265.85	3/4	2,562.65	3/4	2,859.47	3/4
9	9	498.01	9	792.71	9	1,085.52	9	1,382.19	9	1,678.43	9	1,975.22	9	2,272.04	9	2,568.83	9	2,865.65	9
1/4	1/4	504.19	1/4	798.74	1/4	1,091.70	1/4	1,388.37	1/4	1,684.61	1/4	1,981.40	1/4	2,278.22	1/4	2,575.02	1/4	2,871.38	1/4
1/2	1/2	510.37	1/2	804.77	1/2	1,097.88	1/2	1,394.55	1/2	1,690.79	1/2	1,987.59	1/2	2,284.40	1/2	2,581.20	1/2	2,877.11	1/2
3/4	3/4	516.56	3/4	810.80	3/4	1,104.06	3/4	1,400.73	3/4	1,696.96	3/4	1,993.77	3/4	2,290.59	3/4	2,587.38	3/4	2,882.84	3/4
10	10	522.74	10	816.84	10	1,110.24	10	1,406.91	10	1,703.14	10	1,999.96	10	2,296.77	10	2,593.57	10	2,888.57	10
1/4	1/4	528.93	1/4	822.87	1/4	1,116.42	1/4	1,413.09	1/4	1,709.32	1/4	2,006.14	1/4	2,302.95	1/4	2,599.75	1/4	2,893.86	1/4
1/2	1/2	535.11	1/2	828.90	1/2	1,122.60	1/2	1,419.27	1/2	1,715.51	1/2	2,012.32	1/2	2,309.13	1/2	2,605.94	1/2	2,899.14	1/2
3/4	3/4	541.29	3/4	834.93	3/4	1,128.78	3/4	1,425.45	3/4	1,721.69	3/4	2,018.51	3/4	2,315.32	3/4	2,612.12	3/4	2,904.70	3/4
11	11	547.48	11	840.96	11	1,134.96	11	1,431.63	11	1,727.87	11	2,024.69	11	2,321.50	11	2,618.30	11	2,909.42	11
1/4	1/4	553.66	1/4	847.00	1/4	1,141.14	1/4	1,437.81	1/4	1,734.06	1/4	2,030.87	1/4	2,327.68	1/4	2,624.49	1/4	2,914.99	1/4
1/2	1/2	559.85	1/2	853.03	1/2	1,147.32	1/2	1,443.98	1/2	1,740.24	1/2	2,037.06	1/2	2,333.87	1/2	2,630.67	1/2	2,920.28	1/2
3/4	3/4	566.03	3/4	859.06	3/4	1,153.51	3/4	1,450.16	3/4	1,746.42	3/4	2,043.24	3/4	2,340.05	3/4	2,636.85	3/4	2,925.57	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPWMS 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

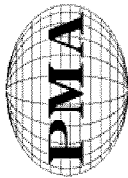
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1079"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02"

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	2,930.86	0	3,184.74	0	3,438.62	0	3,692.51	0	3,944.99	0	0	0	0	0	0	0	0	0	0
1/4	2,936.15	1/4	3,190.03	1/4	3,443.91	1/4	3,697.80	1/4	3,948.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,941.44	1/2	3,195.32	1/2	3,449.20	1/2	3,703.08	1/2	3,952.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,946.73	3/4	3,200.61	3/4	3,454.49	3/4	3,708.37	3/4	3,956.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,952.02	1	3,205.90	1	3,459.78	1	3,713.66	1	3,959.78	1	1	1	1	1	1	1	1	1	1
1/4	2,957.31	1/4	3,211.19	1/4	3,465.07	1/4	3,718.95	1/4	3,961.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,962.60	1/2	3,216.48	1/2	3,470.36	1/2	3,724.24	1/2	3,964.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,967.89	3/4	3,221.77	3/4	3,475.65	3/4	3,729.53	3/4	3,966.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,973.17	2	3,227.06	2	3,480.94	2	3,734.82	2	3,968.29	2	2	2	2	2	2	2	2	2	2
1/4	2,978.46	1/4	3,232.35	1/4	3,486.23	1/4	3,740.11	1/4	3,970.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,983.75	1/2	3,237.63	1/2	3,491.52	1/2	3,745.40	1/2	3,972.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,989.04	3/4	3,242.92	3/4	3,496.81	3/4	3,750.69	3/4	3,974.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,994.33	3	3,248.21	3	3,502.09	3	3,755.98	3	3,976.81	3	3	3	3	3	3	3	3	3	3
1/4	2,999.62	1/4	3,253.50	1/4	3,507.38	1/4	3,761.27	1/4	3,978.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,004.91	1/2	3,258.79	1/2	3,512.67	1/2	3,766.55	1/2	3,981.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,010.20	3/4	3,264.08	3/4	3,517.96	3/4	3,771.84	3/4	3,983.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,015.49	4	3,269.37	4	3,523.25	4	3,777.13	4	3,985.33	4	4	4	4	4	4	4	4	4	4
1/4	3,020.78	1/4	3,274.66	1/4	3,528.54	1/4	3,782.42	1/4	3,987.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,026.07	1/2	3,279.95	1/2	3,533.83	1/2	3,787.71	1/2	3,989.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,031.36	3/4	3,285.24	3/4	3,539.12	3/4	3,793.00	3/4	3,991.72	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,036.65	5	3,290.53	5	3,544.41	5	3,798.29	5	3,993.85	5	5	5	5	5	5	5	5	5	5
1/4	3,041.93	1/4	3,295.82	1/4	3,549.70	1/4	3,803.58	1/4	3,995.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,047.22	1/2	3,301.11	1/2	3,554.99	1/2	3,808.87	1/2	3,998.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,052.51	3/4	3,306.39	3/4	3,560.28	3/4	3,814.16	3/4	3,999.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,057.80	6	3,311.68	6	3,565.57	6	3,819.45	6	3,999.37	6	6	6	6	6	6	6	6	6	6
1/4	3,063.09	1/4	3,316.97	1/4	3,570.85	1/4	3,824.74	1/4	3,999.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,068.38	1/2	3,322.26	1/2	3,576.14	1/2	3,830.03	1/2	3,999.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,073.67	3/4	3,327.55	3/4	3,581.43	3/4	3,835.31	3/4	3,999.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,078.96	7	3,332.84	7	3,586.72	7	3,840.60	7	3,999.89	7	7	7	7	7	7	7	7	7	7
1/4	3,084.25	1/4	3,338.13	1/4	3,592.01	1/4	3,845.89	1/4	3,999.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,089.54	1/2	3,343.42	1/2	3,597.30	1/2	3,851.18	1/2	3,999.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,094.83	3/4	3,348.71	3/4	3,602.59	3/4	3,856.47	3/4	3,999.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,100.12	8	3,354.00	8	3,607.88	8	3,861.76	8	3,999.95	8	8	8	8	8	8	8	8	8	8
1/4	3,105.40	1/4	3,359.29	1/4	3,613.17	1/4	3,867.05	1/4	3,999.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,110.69	1/2	3,364.58	1/2	3,618.46	1/2	3,872.34	1/2	3,999.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,115.98	3/4	3,369.86	3/4	3,623.75	3/4	3,877.62	3/4	3,999.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,121.27	9	3,375.15	9	3,629.04	9	3,882.91	9	3,999.99	9	9	9	9	9	9	9	9	9	9
1/4	3,126.56	1/4	3,380.44	1/4	3,634.32	1/4	3,888.20	1/4	3,999.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,131.85	1/2	3,385.73	1/2	3,639.61	1/2	3,893.48	1/2	3,999.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,137.14	3/4	3,391.02	3/4	3,644.90	3/4	3,898.76	3/4	3,999.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,142.43	10	3,396.31	10	3,650.19	10	3,904.05	10	3,999.99	10	10	10	10	10	10	10	10	10	10
1/4	3,147.72	1/4	3,401.60	1/4	3,655.48	1/4	3,909.31	1/4	3,999.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,153.01	1/2	3,406.89	1/2	3,660.77	1/2	3,914.58	1/2	3,999.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,158.30	3/4	3,412.18	3/4	3,666.06	3/4	3,919.84	3/4	3,999.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,163.59	11	3,417.47	11	3,671.35	11	3,925.11	11	3,999.99	11	11	11	11	11	11	11	11	11	11
1/4	3,168.88	1/4	3,422.76	1/4	3,676.64	1/4	3,930.08	1/4	3,999.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,174.16	1/2	3,428.05	1/2	3,681.93	1/2	3,935.05	1/2	3,999.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,179.45	3/4	3,433.34	3/4	3,687.22	3/4	3,940.02	3/4	3,999.99	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: 06/01/2017 CL
CALCULATED: 06/05/2017 CL
PRINTED: 06/05/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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



BARGE "IB 1079"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

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	2.45	0	241.01	0	504.31	0	763.71	0	1,024.93	0	1,288.24	0	1,551.55	0	1,814.86	0	2,078.17	0	2,341.47
1/4	4.28	1/4	246.50	1/4	509.79	1/4	769.05	1/4	1,030.42	1/4	1,293.72	1/4	1,557.03	1/4	1,820.34	1/4	2,083.65	1/4	2,346.96
1/2	6.11	1/2	251.98	1/2	515.28	1/2	774.38	1/2	1,035.90	1/2	1,299.21	1/2	1,562.52	1/2	1,825.83	1/2	2,089.14	1/2	2,352.45
3/4	7.94	3/4	257.47	3/4	520.77	3/4	779.72	3/4	1,041.39	3/4	1,304.70	3/4	1,581.01	3/4	1,831.31	3/4	2,094.62	3/4	2,357.93
1	9.77	1	262.95	1	526.25	1	785.05	1	1,046.87	1	1,310.18	1	1,573.49	1	1,836.80	1	2,100.11	1	2,363.42
1/4	13.42	1/4	268.44	1/4	531.74	1/4	790.39	1/4	1,052.36	1/4	1,315.67	1/4	1,573.98	1/4	1,842.28	1/4	2,105.59	1/4	2,368.90
1/2	17.07	1/2	273.92	1/2	537.22	1/2	795.73	1/2	1,057.84	1/2	1,321.15	1/2	1,584.46	1/2	1,847.77	1/2	2,111.08	1/2	2,374.39
3/4	20.73	3/4	279.41	3/4	542.71	3/4	801.06	3/4	1,063.33	3/4	1,326.64	3/4	1,589.95	3/4	1,853.26	3/4	2,116.56	3/4	2,379.87
2	24.38	2	284.89	2	548.19	2	806.40	2	1,068.82	2	1,332.12	2	1,595.43	2	1,858.74	2	2,122.05	2	2,385.36
1/4	29.35	1/4	290.38	1/4	553.68	1/4	811.74	1/4	1,074.30	1/4	1,337.61	1/4	1,600.92	1/4	1,864.23	1/4	2,127.54	1/4	2,390.84
1/2	34.31	1/2	295.86	1/2	559.16	1/2	817.07	1/2	1,079.79	1/2	1,343.10	1/2	1,606.40	1/2	1,869.71	1/2	2,133.02	1/2	2,396.33
3/4	39.28	3/4	301.35	3/4	564.65	3/4	822.41	3/4	1,085.27	3/4	1,348.58	3/4	1,611.89	3/4	1,875.20	3/4	2,138.51	3/4	2,401.82
3	44.25	3	306.83	3	570.13	3	827.75	3	1,090.76	3	1,354.07	3	1,617.38	3	1,880.68	3	2,143.99	3	2,407.30
1/4	49.65	1/4	312.32	1/4	575.62	1/4	833.16	1/4	1,096.24	1/4	1,359.55	1/4	1,622.86	1/4	1,886.17	1/4	2,149.48	1/4	2,412.79
1/2	55.04	1/2	317.81	1/2	581.10	1/2	838.57	1/2	1,101.73	1/2	1,365.04	1/2	1,628.35	1/2	1,891.66	1/2	2,154.96	1/2	2,418.27
3/4	60.44	3/4	323.29	3/4	586.59	3/4	843.98	3/4	1,107.21	3/4	1,370.52	3/4	1,633.83	3/4	1,897.14	3/4	2,160.45	3/4	2,423.76
4	65.84	4	328.78	4	592.08	4	849.39	4	1,112.70	4	1,376.01	4	1,639.32	4	1,902.63	4	2,165.94	4	2,429.24
1/4	71.27	1/4	334.26	1/4	597.56	1/4	854.88	1/4	1,118.19	1/4	1,381.49	1/4	1,644.80	1/4	1,908.11	1/4	2,171.42	1/4	2,434.73
1/2	76.71	1/2	339.75	1/2	603.05	1/2	860.36	1/2	1,123.67	1/2	1,386.98	1/2	1,650.29	1/2	1,913.60	1/2	2,176.91	1/2	2,440.22
3/4	82.15	3/4	345.23	3/4	608.53	3/4	865.85	3/4	1,129.16	3/4	1,392.47	3/4	1,655.77	3/4	1,919.08	3/4	2,182.39	3/4	2,445.70
5	87.58	5	350.72	5	614.02	5	871.33	5	1,134.64	5	1,397.95	5	1,661.26	5	1,924.57	5	2,187.88	5	2,451.19
1/4	93.04	1/4	356.20	1/4	619.43	1/4	876.82	1/4	1,140.13	1/4	1,403.44	1/4	1,666.75	1/4	1,930.05	1/4	2,193.36	1/4	2,456.67
1/2	98.50	1/2	361.69	1/2	624.84	1/2	882.30	1/2	1,145.61	1/2	1,408.92	1/2	1,672.23	1/2	1,935.54	1/2	2,198.85	1/2	2,462.16
3/4	103.96	3/4	367.17	3/4	630.25	3/4	887.79	3/4	1,151.10	3/4	1,414.41	3/4	1,677.72	3/4	1,941.03	3/4	2,204.33	3/4	2,467.64
6	109.42	6	372.66	6	635.66	6	893.28	6	1,156.58	6	1,419.89	6	1,683.20	6	1,946.51	6	2,209.82	6	2,473.13
1/4	114.90	1/4	378.15	1/4	641.00	1/4	898.76	1/4	1,162.07	1/4	1,425.38	1/4	1,688.69	1/4	1,951.00	1/4	2,215.31	1/4	2,478.61
1/2	120.37	1/2	383.63	1/2	646.33	1/2	904.25	1/2	1,167.56	1/2	1,430.86	1/2	1,694.17	1/2	1,957.48	1/2	2,220.79	1/2	2,484.10
3/4	125.85	3/4	389.12	3/4	651.67	3/4	909.73	3/4	1,173.04	3/4	1,436.35	3/4	1,699.66	3/4	1,962.97	3/4	2,226.28	3/4	2,489.59
7	131.32	7	394.60	7	657.00	7	915.22	7	1,178.53	7	1,441.84	7	1,705.14	7	1,968.45	7	2,231.76	7	2,495.07
1/4	136.80	1/4	400.09	1/4	662.34	1/4	920.70	1/4	1,184.01	1/4	1,447.32	1/4	1,710.63	1/4	1,973.94	1/4	2,237.25	1/4	2,500.56
1/2	142.28	1/2	405.57	1/2	667.67	1/2	926.19	1/2	1,189.50	1/2	1,452.81	1/2	1,716.12	1/2	1,979.42	1/2	2,242.73	1/2	2,506.04
3/4	147.77	3/4	411.06	3/4	673.01	3/4	931.68	3/4	1,194.98	3/4	1,458.29	3/4	1,721.60	3/4	1,984.91	3/4	2,248.22	3/4	2,511.53
8	153.25	8	416.54	8	678.34	8	937.16	8	1,200.47	8	1,463.78	8	1,727.09	8	1,990.40	8	2,253.70	8	2,517.01
1/4	158.73	1/4	422.03	1/4	683.68	1/4	942.65	1/4	1,205.96	1/4	1,469.26	1/4	1,732.57	1/4	1,995.88	1/4	2,259.19	1/4	2,522.50
1/2	164.22	1/2	427.51	1/2	689.02	1/2	948.13	1/2	1,211.44	1/2	1,474.75	1/2	1,738.06	1/2	2,001.37	1/2	2,264.68	1/2	2,527.98
3/4	169.70	3/4	433.00	3/4	694.35	3/4	953.62	3/4	1,216.93	3/4	1,480.24	3/4	1,743.54	3/4	2,006.85	3/4	2,270.16	3/4	2,533.47
9	175.19	9	438.48	9	699.69	9	959.10	9	1,222.41	9	1,485.72	9	1,749.03	9	2,012.34	9	2,275.65	9	2,538.96
1/4	180.67	1/4	443.97	1/4	705.02	1/4	964.59	1/4	1,227.90	1/4	1,491.21	1/4	1,754.52	1/4	2,017.82	1/4	2,281.13	1/4	2,544.44
1/2	186.16	1/2	449.46	1/2	710.36	1/2	970.07	1/2	1,233.38	1/2	1,496.69	1/2	1,760.00	1/2	2,023.31	1/2	2,286.62	1/2	2,549.93
3/4	191.64	3/4	454.94	3/4	715.69	3/4	975.56	3/4	1,238.87	3/4	1,502.18	3/4	1,765.49	3/4	2,028.80	3/4	2,292.10	3/4	2,555.41
10	197.13	10	460.43	10	721.03	10	981.05	10	1,244.35	10	1,507.66	10	1,770.97	10	2,034.28	10	2,297.59	10	2,560.90
1/4	202.61	1/4	465.91	1/4	726.36	1/4	986.53	1/4	1,249.84	1/4	1,513.15	1/4	1,776.46	1/4	2,039.77	1/4	2,303.08	1/4	2,566.38
1/2	208.10	1/2	471.40	1/2	731.70	1/2	992.02	1/2	1,255.33	1/2	1,518.63	1/2	1,781.94	1/2	2,045.25	1/2	2,308.56	1/2	2,571.87
3/4	213.58	3/4	476.88	3/4	737.03	3/4	997.50	3/4	1,260.81	3/4	1,524.12	3/4	1,787.43	3/4	2,050.74	3/4	2,314.05	3/4	2,577.36
11	219.07	11	482.37	11	742.37	11	1,002.99	11	1,266.30	11	1,529.61	11	1,792.91	11	2,056.22	11	2,319.53	11	2,582.84
1/4	224.55	1/4	487.85	1/4	747.70	1/4	1,008.47	1/4	1,271.78	1/4	1,535.09	1/4	1,798.40	1/4	2,061.71	1/4	2,325.02	1/4	2,588.33
1/2	230.04	1/2	493.34	1/2	753.04	1/2	1,013.96	1/2	1,277.27	1/2	1,540.58	1/2	1,803.89	1/2	2,067.19	1/2	2,330.50	1/2	2,593.81
3/4	235.52	3/4	498.82	3/4	758.38	3/4	1,019.44	3/4	1,282.75	3/4	1,546.06	3/4	1,809.37	3/4	2,072.68	3/4	2,335.99	3/4	2,599.30

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

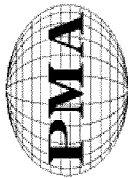
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P. O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "IB 1079"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

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	2,604.78	0	2,868.09	0	3,131.40	0	3,394.71	0	3,658.01	0	3,921.32	0	4,184.63	0	4,447.94	0	4,711.25	0	4,974.56
1/4	2,610.27	1/4	2,873.58	1/4	3,136.89	1/4	3,400.20	1/4	3,663.51	1/4	3,926.82	1/4	4,190.13	1/4	4,453.44	1/4	4,716.75	1/4	4,980.06
1/2	2,615.75	1/2	2,879.06	1/2	3,142.37	1/2	3,405.68	1/2	3,668.99	1/2	3,932.30	1/2	4,195.61	1/2	4,458.92	1/2	4,722.23	1/2	4,985.54
3/4	2,621.24	3/4	2,884.55	3/4	3,147.86	3/4	3,411.17	3/4	3,674.30	3/4	3,937.81	3/4	4,201.12	3/4	4,464.43	3/4	4,729.74	3/4	4,991.05
1	2,626.73	1	2,890.03	1	3,153.34	1	3,416.65	1	3,679.96	1	3,943.27	1	4,206.58	1	4,471.69	1	4,735.25	1	4,996.56
1/4	2,632.21	1/4	2,895.52	1/4	3,158.83	1/4	3,422.14	1/4	3,685.45	1/4	3,948.76	1/4	4,211.87	1/4	4,477.01	1/4	4,740.52	1/4	5,001.87
1/2	2,637.70	1/2	2,901.01	1/2	3,164.31	1/2	3,427.62	1/2	3,690.94	1/2	3,954.25	1/2	4,217.16	1/2	4,482.31	1/2	4,745.87	1/2	5,007.18
3/4	2,643.18	3/4	2,906.49	3/4	3,169.80	3/4	3,433.11	3/4	3,696.46	3/4	3,959.76	3/4	4,222.47	3/4	4,487.62	3/4	4,751.18	3/4	5,012.49
2	2,648.67	2	2,911.98	2	3,175.29	2	3,438.59	2	3,701.97	2	3,965.27	2	4,227.78	2	4,492.93	2	4,756.49	2	5,017.80
1/4	2,654.15	1/4	2,917.46	1/4	3,180.77	1/4	3,444.08	1/4	3,707.46	1/4	3,970.74	1/4	4,233.09	1/4	4,498.18	1/4	4,761.74	1/4	5,023.11
1/2	2,659.64	1/2	2,922.95	1/2	3,186.26	1/2	3,449.57	1/2	3,712.95	1/2	3,976.23	1/2	4,238.40	1/2	4,503.43	1/2	4,767.05	1/2	5,028.42
3/4	2,665.12	3/4	2,928.43	3/4	3,191.74	3/4	3,455.05	3/4	3,718.46	3/4	3,981.70	3/4	4,243.71	3/4	4,508.68	3/4	4,772.36	3/4	5,033.73
3	2,670.61	3	2,933.92	3	3,197.23	3	3,460.54	3	3,723.95	3	3,987.19	3	4,249.02	3	4,513.93	3	4,777.67	3	5,039.04
1/4	2,676.10	1/4	2,939.40	1/4	3,202.71	1/4	3,466.02	1/4	3,729.46	1/4	3,992.68	1/4	4,254.33	1/4	4,519.18	1/4	4,783.02	1/4	5,044.35
1/2	2,681.58	1/2	2,944.89	1/2	3,208.20	1/2	3,471.51	1/2	3,734.95	1/2	3,998.17	1/2	4,259.64	1/2	4,524.43	1/2	4,788.37	1/2	5,049.66
3/4	2,687.07	3/4	2,950.38	3/4	3,213.68	3/4	3,476.99	3/4	3,740.44	3/4	4,003.66	3/4	4,264.95	3/4	4,529.68	3/4	4,793.71	3/4	5,054.97
4	2,692.55	4	2,955.86	4	3,219.17	4	3,482.48	4	3,745.93	4	4,009.15	4	4,270.26	4	4,534.93	4	4,799.06	4	5,060.28
1/4	2,698.04	1/4	2,961.35	1/4	3,224.66	1/4	3,487.96	1/4	3,751.42	1/4	4,014.64	1/4	4,275.57	1/4	4,540.18	1/4	4,804.40	1/4	5,065.59
1/2	2,703.52	1/2	2,966.83	1/2	3,230.14	1/2	3,493.45	1/2	3,756.91	1/2	4,020.16	1/2	4,280.88	1/2	4,545.43	1/2	4,809.73	1/2	5,070.90
3/4	2,709.01	3/4	2,972.32	3/4	3,235.63	3/4	3,498.94	3/4	3,762.40	3/4	4,025.68	3/4	4,286.15	3/4	4,550.68	3/4	4,815.08	3/4	5,076.21
5	2,714.50	5	2,977.80	5	3,241.11	5	3,504.42	5	3,767.88	5	4,031.17	5	4,291.42	5	4,555.93	5	4,820.37	5	5,081.52
1/4	2,719.98	1/4	2,983.29	1/4	3,246.60	1/4	3,509.91	1/4	3,773.37	1/4	4,036.69	1/4	4,296.67	1/4	4,561.18	1/4	4,825.72	1/4	5,086.83
1/2	2,725.47	1/2	2,988.78	1/2	3,252.08	1/2	3,515.39	1/2	3,778.86	1/2	4,042.20	1/2	4,301.92	1/2	4,566.43	1/2	4,831.07	1/2	5,092.14
3/4	2,730.95	3/4	2,994.26	3/4	3,257.57	3/4	3,520.88	3/4	3,784.35	3/4	4,047.72	3/4	4,307.19	3/4	4,571.68	3/4	4,836.32	3/4	5,097.45
6	2,736.44	6	2,999.75	6	3,263.06	6	3,526.36	6	3,789.84	6	4,053.21	6	4,312.48	6	4,576.93	6	4,841.67	6	5,102.76
1/4	2,741.92	1/4	3,005.23	1/4	3,268.54	1/4	3,531.85	1/4	3,795.33	1/4	4,058.74	1/4	4,317.77	1/4	4,582.18	1/4	4,846.92	1/4	5,108.07
1/2	2,747.41	1/2	3,010.72	1/2	3,274.03	1/2	3,537.34	1/2	3,800.82	1/2	4,064.26	1/2	4,323.06	1/2	4,587.43	1/2	4,852.17	1/2	5,113.38
3/4	2,752.89	3/4	3,016.20	3/4	3,279.51	3/4	3,542.82	3/4	3,806.31	3/4	4,069.78	3/4	4,328.31	3/4	4,592.68	3/4	4,857.42	3/4	5,118.69
7	2,758.38	7	3,021.69	7	3,285.00	7	3,548.31	7	3,811.80	7	4,075.27	7	4,333.60	7	4,597.93	7	4,862.67	7	5,124.00
1/4	2,763.87	1/4	3,027.17	1/4	3,290.48	1/4	3,553.79	1/4	3,817.29	1/4	4,080.79	1/4	4,338.89	1/4	4,603.18	1/4	4,867.92	1/4	5,129.31
1/2	2,769.35	1/2	3,032.66	1/2	3,295.97	1/2	3,559.28	1/2	3,822.78	1/2	4,086.30	1/2	4,344.19	1/2	4,608.43	1/2	4,873.17	1/2	5,134.62
3/4	2,774.84	3/4	3,038.15	3/4	3,301.45	3/4	3,564.76	3/4	3,828.29	3/4	4,091.81	3/4	4,349.50	3/4	4,613.68	3/4	4,878.42	3/4	5,139.93
8	2,780.32	8	3,043.63	8	3,306.94	8	3,570.25	8	3,833.80	8	4,097.32	8	4,354.81	8	4,618.93	8	4,883.67	8	5,145.24
1/4	2,785.81	1/4	3,049.12	1/4	3,312.43	1/4	3,575.74	1/4	3,839.31	1/4	4,102.84	1/4	4,360.12	1/4	4,624.18	1/4	4,888.92	1/4	5,150.55
1/2	2,791.29	1/2	3,054.60	1/2	3,317.91	1/2	3,581.23	1/2	3,844.82	1/2	4,108.36	1/2	4,365.43	1/2	4,629.49	1/2	4,894.17	1/2	5,155.86
3/4	2,796.78	3/4	3,060.09	3/4	3,323.40	3/4	3,586.72	3/4	3,850.33	3/4	4,113.88	3/4	4,370.74	3/4	4,634.80	3/4	4,899.42	3/4	5,161.17
9	2,802.26	9	3,065.57	9	3,328.88	9	3,592.21	9	3,855.84	9	4,119.40	9	4,376.05	9	4,640.11	9	4,904.67	9	5,166.48
1/4	2,807.75	1/4	3,071.06	1/4	3,334.37	1/4	3,597.70	1/4	3,861.35	1/4	4,124.92	1/4	4,381.36	1/4	4,645.42	1/4	4,909.92	1/4	5,171.79
1/2	2,813.24	1/2	3,076.54	1/2	3,339.85	1/2	3,603.18	1/2	3,866.86	1/2	4,130.44	1/2	4,386.67	1/2	4,650.73	1/2	4,915.17	1/2	5,177.10
3/4	2,818.72	3/4	3,082.03	3/4	3,345.34	3/4	3,608.66	3/4	3,872.37	3/4	4,135.96	3/4	4,391.98	3/4	4,656.04	3/4	4,920.42	3/4	5,182.41
10	2,824.21	10	3,087.52	10	3,350.82	10	3,614.14	10	3,877.90	10	4,141.48	10	4,397.29	10	4,661.35	10	4,925.67	10	5,187.72
1/4	2,829.69	1/4	3,093.00	1/4	3,356.31	1/4	3,619.60	1/4	3,883.41	1/4	4,146.99	1/4	4,402.60	1/4	4,666.66	1/4	4,930.92	1/4	5,193.03
1/2	2,835.18	1/2	3,098.49	1/2	3,361.80	1/2	3,625.07	1/2	3,888.92	1/2	4,152.51	1/2	4,407.91	1/2	4,671.97	1/2	4,936.17	1/2	5,198.34
3/4	2,840.66	3/4	3,103.97	3/4	3,367.28	3/4	3,630.53	3/4	3,894.43	3/4	4,158.02	3/4	4,413.22	3/4	4,677.28	3/4	4,941.42	3/4	5,203.65
11	2,846.15	11	3,109.46	11	3,372.77	11	3,636.00	11	3,900.92	11	4,163.53	11	4,418.53	11	4,682.59	11	4,946.73	11	5,208.96
1/4	2,851.64	1/4	3,114.94	1/4	3,378.25	1/4	3,641.20	1/4	3,906.43	1/4	4,169.04	1/4	4,423.84	1/4	4,687.90	1/4	4,952.04	1/4	5,214.27
1/2	2,857.12	1/2	3,120.43	1/2	3,383.74	1/2	3,646.40	1/2	3,911.94	1/2	4,174.55	1/2	4,429.15	1/2	4,693.21	1/2	4,957.35	1/2	5,219.58
3/4	2,862.61	3/4	3,125.92	3/4	3,389.22	3/4	3,651.61	3/4	3,917.45	3/4	4,180.06	3/4	4,434.46	3/4	4,698.52	3/4	4,962.66	3/4	5,224.89

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2017 CL
CALCULATED: 06/05/2017 CL
PRINTED: 06/05/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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



BARGE "IB 1079"

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	238.88	0	499.85	0	760.55	0	1,021.38	0	1,282.37	0	1,543.35	0	1,804.33	0	2,065.31	0	2,326.29
1/4	4.25	1/4	244.32	1/4	505.29	1/4	765.97	1/4	1,026.82	1/4	1,287.80	1/4	1,548.78	1/4	1,809.76	1/4	2,070.75	1/4	2,331.73
1/2	6.06	1/2	249.76	1/2	510.73	1/2	771.40	1/2	1,032.26	1/2	1,293.24	1/2	1,554.22	1/2	1,815.20	1/2	2,076.18	1/2	2,337.16
3/4	7.87	3/4	255.19	3/4	516.16	3/4	776.82	3/4	1,037.70	3/4	1,298.68	3/4	1,559.66	3/4	1,820.64	3/4	2,081.62	3/4	2,342.60
1	9.69	1	260.63	1	521.60	1	782.25	1	1,043.13	1	1,304.11	1	1,565.09	1	1,826.08	1	2,087.06	1	2,348.04
1/4	13.31	1/4	266.07	1/4	527.04	1/4	787.68	1/4	1,048.57	1/4	1,309.55	1/4	1,570.53	1/4	1,831.51	1/4	2,092.49	1/4	2,353.47
1/2	16.93	1/2	271.50	1/2	532.47	1/2	793.10	1/2	1,054.01	1/2	1,314.99	1/2	1,575.97	1/2	1,836.95	1/2	2,097.93	1/2	2,358.91
3/4	20.55	3/4	276.94	3/4	537.91	3/4	798.53	3/4	1,059.44	3/4	1,320.43	3/4	1,581.41	3/4	1,843.39	3/4	2,103.37	3/4	2,364.35
2	24.17	2	282.38	2	543.35	2	803.96	2	1,064.88	2	1,325.86	2	1,586.84	2	1,847.82	2	2,108.80	2	2,369.79
1/4	29.09	1/4	287.81	1/4	548.79	1/4	809.38	1/4	1,070.32	1/4	1,331.30	1/4	1,592.28	1/4	1,853.26	1/4	2,114.24	1/4	2,375.22
1/2	34.02	1/2	293.25	1/2	554.22	1/2	814.81	1/2	1,075.76	1/2	1,336.74	1/2	1,597.72	1/2	1,858.70	1/2	2,119.68	1/2	2,380.66
3/4	38.94	3/4	298.69	3/4	559.66	3/4	820.24	3/4	1,081.19	3/4	1,342.17	3/4	1,603.15	3/4	1,860.14	3/4	2,125.12	3/4	2,386.10
3	43.86	3	304.12	3	565.10	3	825.67	3	1,086.63	3	1,347.61	3	1,608.59	3	1,869.57	3	2,130.55	3	2,391.53
1/4	49.21	1/4	309.56	1/4	570.53	1/4	831.10	1/4	1,092.07	1/4	1,353.05	1/4	1,614.03	1/4	1,875.01	1/4	2,135.99	1/4	2,396.97
1/2	54.56	1/2	315.00	1/2	575.97	1/2	836.53	1/2	1,097.50	1/2	1,358.49	1/2	1,619.47	1/2	1,880.45	1/2	2,141.43	1/2	2,402.41
3/4	59.91	3/4	320.44	3/4	581.41	3/4	841.97	3/4	1,102.94	3/4	1,363.92	3/4	1,624.90	3/4	1,885.88	3/4	2,146.86	3/4	2,407.85
4	65.26	4	325.87	4	586.84	4	847.40	4	1,108.38	4	1,369.36	4	1,630.34	4	1,891.32	4	2,152.30	4	2,413.28
1/4	70.65	1/4	331.31	1/4	592.28	1/4	852.83	1/4	1,113.82	1/4	1,374.80	1/4	1,635.78	1/4	1,896.76	1/4	2,157.74	1/4	2,418.72
1/2	76.04	1/2	336.75	1/2	597.72	1/2	858.27	1/2	1,119.25	1/2	1,380.23	1/2	1,641.21	1/2	1,902.20	1/2	2,163.18	1/2	2,424.16
3/4	81.43	3/4	342.18	3/4	603.15	3/4	863.71	3/4	1,124.69	3/4	1,385.67	3/4	1,646.65	3/4	1,907.63	3/4	2,168.61	3/4	2,429.59
5	86.81	5	347.62	5	608.59	5	869.15	5	1,130.13	5	1,391.11	5	1,652.09	5	1,913.07	5	2,174.05	5	2,435.03
1/4	92.23	1/4	353.06	1/4	614.02	1/4	874.58	1/4	1,135.56	1/4	1,396.54	1/4	1,657.53	1/4	1,918.51	1/4	2,179.49	1/4	2,440.47
1/2	97.64	1/2	358.49	1/2	619.45	1/2	880.02	1/2	1,141.00	1/2	1,401.98	1/2	1,662.96	1/2	1,923.94	1/2	2,184.92	1/2	2,445.91
3/4	103.05	3/4	363.93	3/4	624.88	3/4	885.46	3/4	1,146.44	3/4	1,407.42	3/4	1,668.40	3/4	1,929.38	3/4	2,190.36	3/4	2,451.34
6	108.46	6	369.37	6	630.31	6	890.89	6	1,151.88	6	1,412.86	6	1,673.84	6	1,934.82	6	2,195.80	6	2,456.78
1/4	113.88	1/4	374.80	1/4	635.74	1/4	896.33	1/4	1,157.31	1/4	1,418.29	1/4	1,679.27	1/4	1,940.25	1/4	2,201.24	1/4	2,462.22
1/2	119.31	1/2	380.24	1/2	641.17	1/2	901.77	1/2	1,162.75	1/2	1,423.73	1/2	1,684.71	1/2	1,945.69	1/2	2,206.67	1/2	2,467.65
3/4	124.74	3/4	385.68	3/4	646.59	3/4	907.21	3/4	1,168.19	3/4	1,429.17	3/4	1,690.15	3/4	1,951.13	3/4	2,212.11	3/4	2,473.09
7	130.16	7	391.12	7	652.02	7	912.64	7	1,173.62	7	1,434.60	7	1,695.59	7	1,956.57	7	2,217.55	7	2,478.53
1/4	135.56	1/4	396.55	1/4	657.45	1/4	918.08	1/4	1,179.06	1/4	1,440.04	1/4	1,701.02	1/4	1,962.00	1/4	2,222.98	1/4	2,483.96
1/2	141.03	1/2	401.99	1/2	662.87	1/2	923.52	1/2	1,184.50	1/2	1,445.48	1/2	1,706.46	1/2	1,967.44	1/2	2,228.42	1/2	2,489.40
3/4	146.46	3/4	407.43	3/4	668.30	3/4	928.95	3/4	1,189.93	3/4	1,450.92	3/4	1,711.90	3/4	1,972.88	3/4	2,233.86	3/4	2,494.84
8	151.90	8	412.86	8	673.72	8	934.39	8	1,195.37	8	1,456.35	8	1,717.33	8	1,978.31	8	2,239.30	8	2,500.28
1/4	157.33	1/4	418.30	1/4	679.15	1/4	939.83	1/4	1,200.81	1/4	1,461.79	1/4	1,722.77	1/4	1,983.75	1/4	2,244.73	1/4	2,505.71
1/2	162.77	1/2	423.74	1/2	684.58	1/2	945.27	1/2	1,206.25	1/2	1,467.23	1/2	1,728.21	1/2	1,989.19	1/2	2,250.17	1/2	2,511.15
3/4	168.20	3/4	429.17	3/4	690.00	3/4	950.70	3/4	1,211.68	3/4	1,472.66	3/4	1,733.64	3/4	1,994.63	3/4	2,255.61	3/4	2,516.59
9	173.64	9	434.61	9	695.43	9	956.14	9	1,217.12	9	1,478.10	9	1,739.08	9	2,000.06	9	2,261.04	9	2,522.02
1/4	179.08	1/4	440.05	1/4	700.86	1/4	961.58	1/4	1,222.56	1/4	1,483.54	1/4	1,744.52	1/4	2,005.50	1/4	2,266.48	1/4	2,527.46
1/2	184.51	1/2	445.48	1/2	706.28	1/2	967.01	1/2	1,227.99	1/2	1,488.98	1/2	1,749.96	1/2	2,010.94	1/2	2,271.92	1/2	2,532.90
3/4	189.95	3/4	450.92	3/4	711.71	3/4	972.45	3/4	1,233.43	3/4	1,494.41	3/4	1,755.39	3/4	2,016.37	3/4	2,277.35	3/4	2,538.34
10	195.39	10	456.36	10	717.13	10	977.89	10	1,238.87	10	1,499.85	10	1,760.83	10	2,021.81	10	2,282.79	10	2,543.77
1/4	200.82	1/4	461.79	1/4	722.56	1/4	983.33	1/4	1,244.31	1/4	1,505.29	1/4	1,766.27	1/4	2,027.25	1/4	2,288.23	1/4	2,549.21
1/2	206.26	1/2	467.23	1/2	727.99	1/2	988.76	1/2	1,249.74	1/2	1,510.72	1/2	1,771.70	1/2	2,032.69	1/2	2,293.67	1/2	2,554.65
3/4	211.70	3/4	472.67	3/4	733.41	3/4	994.20	3/4	1,255.18	3/4	1,516.16	3/4	1,777.14	3/4	2,038.12	3/4	2,299.10	3/4	2,560.08
11	217.13	11	478.11	11	738.84	11	999.64	11	1,260.62	11	1,521.60	11	1,782.58	11	2,043.56	11	2,304.54	11	2,565.52
1/4	222.57	1/4	483.54	1/4	744.27	1/4	1,005.07	1/4	1,266.05	1/4	1,527.04	1/4	1,788.02	1/4	2,049.00	1/4	2,309.98	1/4	2,570.96
1/2	228.01	1/2	488.98	1/2	749.69	1/2	1,010.51	1/2	1,271.49	1/2	1,532.47	1/2	1,793.45	1/2	2,054.43	1/2	2,315.41	1/2	2,576.40
3/4	233.45	3/4	494.42	3/4	755.12	3/4	1,015.95	3/4	1,276.93	3/4	1,537.91	3/4	1,798.89	3/4	2,059.87	3/4	2,320.85	3/4	2,581.83

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

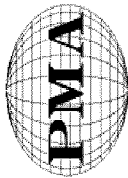
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "IB 1079"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

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	2,587.27	1/4	2,848.25	1/4	3,109.23	1/4	3,370.21	1/4	3,629.96	1/4	3,889.71	1/4	4,149.46	1/4	4,409.21	1/4	4,668.96	1/4	4,928.71	1/4	5,188.46		
1/2	2,592.71	1/2	2,853.69	1/2	3,114.67	1/2	3,375.65	1/2	3,634.00	1/2	3,893.25	1/2	4,152.50	1/2	4,411.75	1/2	4,671.00	1/2	4,930.25	1/2	5,189.50	1/2	5,448.75
3/4	2,598.14	3/4	2,859.12	3/4	3,120.11	3/4	3,381.09	3/4	3,638.04	3/4	3,897.29	3/4	4,156.54	3/4	4,415.79	3/4	4,675.04	3/4	4,934.29	3/4	5,193.54	3/4	5,452.79
1	2,603.58	1	2,864.56	1	3,125.54	1	3,386.52	1	3,642.08	1	3,901.33	1	4,160.58	1	4,419.83	1	4,679.08	1	4,938.33	1	5,197.58	1	5,456.83
1 1/4	2,609.02	1 1/4	2,870.00	1 1/4	3,130.98	1 1/4	3,391.96	1 1/4	3,646.12	1 1/4	3,911.12	1 1/4	4,170.37	1 1/4	4,429.62	1 1/4	4,688.87	1 1/4	4,948.12	1 1/4	5,206.87	1 1/4	5,465.37
1 1/2	2,614.46	1 1/2	2,875.44	1 1/2	3,136.42	1 1/2	3,397.40	1 1/2	3,648.38	1 1/2	3,920.52	1 1/2	4,179.77	1 1/2	4,439.24	1 1/2	4,698.51	1 1/2	4,957.74	1 1/2	5,216.14	1 1/2	5,474.64
1 3/4	2,619.89	1 3/4	2,880.87	1 3/4	3,141.85	1 3/4	3,402.83	1 3/4	3,650.65	1 3/4	3,933.80	1 3/4	4,189.05	1 3/4	4,448.80	1 3/4	4,707.55	1 3/4	4,966.80	1 3/4	5,225.55	1 3/4	5,484.05
2	2,625.33	2	2,886.31	2	3,147.29	2	3,408.27	2	3,655.91	2	3,947.16	2	4,206.41	2	4,465.66	2	4,724.21	2	4,982.76	2	5,234.76	2	5,493.00
2 1/4	2,630.77	2 1/4	2,891.75	2 1/4	3,152.73	2 1/4	3,413.71	2 1/4	3,655.18	2 1/4	3,956.41	2 1/4	4,215.66	2 1/4	4,474.61	2 1/4	4,733.16	2 1/4	4,991.21	2 1/4	5,244.21	2 1/4	5,503.20
2 1/2	2,636.20	2 1/2	2,897.18	2 1/2	3,158.17	2 1/2	3,419.15	2 1/2	3,655.18	2 1/2	3,965.84	2 1/2	4,224.79	2 1/2	4,483.74	2 1/2	4,741.79	2 1/2	4,999.74	2 1/2	5,253.74	2 1/2	5,515.20
2 3/4	2,641.64	2 3/4	2,902.62	2 3/4	3,163.60	2 3/4	3,424.58	2 3/4	3,650.65	2 3/4	3,975.01	2 3/4	4,234.14	2 3/4	4,492.79	2 3/4	4,750.34	2 3/4	5,008.79	2 3/4	5,263.79	2 3/4	5,526.20
3	2,647.08	3	2,908.06	3	3,169.04	3	3,430.02	3	3,630.02	3	3,984.37	3	4,243.50	3	4,501.50	3	4,759.50	3	5,017.79	3	5,273.79	3	5,537.60
3 1/4	2,652.51	3 1/4	2,913.50	3 1/4	3,174.48	3 1/4	3,435.46	3 1/4	3,630.02	3 1/4	3,993.80	3 1/4	4,252.83	3 1/4	4,510.50	3 1/4	4,767.50	3 1/4	5,027.29	3 1/4	5,283.79	3 1/4	5,547.60
3 1/2	2,657.95	3 1/2	2,918.93	3 1/2	3,179.91	3 1/2	3,440.89	3 1/2	3,624.64	3 1/2	4,003.13	3 1/2	4,262.06	3 1/2	4,518.50	3 1/2	4,776.50	3 1/2	5,036.79	3 1/2	5,293.79	3 1/2	5,557.60
3 3/4	2,663.39	3 3/4	2,924.37	3 3/4	3,185.35	3 3/4	3,446.33	3 3/4	3,618.38	3 3/4	4,012.46	3 3/4	4,270.99	3 3/4	4,526.50	3 3/4	4,784.50	3 3/4	5,046.29	3 3/4	5,303.79	3 3/4	5,567.60
4	2,668.83	4	2,929.81	4	3,190.79	4	3,451.77	4	3,612.43	4	4,021.59	4	4,279.62	4	4,535.50	4	4,792.50	4	5,056.29	4	5,313.79	4	5,578.60
4 1/4	2,674.26	4 1/4	2,935.24	4 1/4	3,196.22	4 1/4	3,457.21	4 1/4	3,606.48	4 1/4	4,032.71	4 1/4	4,289.74	4 1/4	4,545.50	4 1/4	4,805.50	4 1/4	5,066.79	4 1/4	5,324.79	4 1/4	5,589.60
4 1/2	2,679.70	4 1/2	2,940.68	4 1/2	3,201.66	4 1/2	3,462.64	4 1/2	3,601.53	4 1/2	4,043.84	4 1/2	4,299.77	4 1/2	4,558.50	4 1/2	4,816.50	4 1/2	5,077.79	4 1/2	5,335.79	4 1/2	5,600.60
4 3/4	2,685.14	4 3/4	2,946.12	4 3/4	3,207.10	4 3/4	3,468.08	4 3/4	3,596.58	4 3/4	4,054.95	4 3/4	4,310.90	4 3/4	4,573.50	4 3/4	4,827.50	4 3/4	5,088.79	4 3/4	5,346.79	4 3/4	5,611.60
5	2,690.57	5	2,951.56	5	3,212.54	5	3,473.52	5	3,585.03	5	4,066.07	5	4,321.92	5	4,586.50	5	4,838.50	5	5,099.79	5	5,357.79	5	5,622.60
5 1/4	2,696.01	5 1/4	2,956.99	5 1/4	3,217.97	5 1/4	3,478.95	5 1/4	3,576.03	5 1/4	4,077.11	5 1/4	4,332.97	5 1/4	4,597.50	5 1/4	4,849.50	5 1/4	5,110.79	5 1/4	5,368.79	5 1/4	5,633.60
5 1/2	2,701.45	5 1/2	2,962.43	5 1/2	3,223.41	5 1/2	3,484.39	5 1/2	3,565.03	5 1/2	4,088.25	5 1/2	4,344.01	5 1/2	4,608.50	5 1/2	4,860.50	5 1/2	5,121.79	5 1/2	5,379.79	5 1/2	5,644.60
5 3/4	2,706.89	5 3/4	2,967.87	5 3/4	3,228.85	5 3/4	3,489.83	5 3/4	3,555.07	5 3/4	4,099.39	5 3/4	4,355.06	5 3/4	4,619.50	5 3/4	4,871.50	5 3/4	5,132.79	5 3/4	5,390.79	5 3/4	5,655.60
6	2,712.32	6	2,973.30	6	3,234.28	6	3,495.27	6	3,540.03	6	4,110.53	6	4,366.01	6	4,630.50	6	4,882.50	6	5,143.79	6	5,401.79	6	5,666.60
6 1/4	2,717.76	6 1/4	2,978.74	6 1/4	3,239.72	6 1/4	3,500.70	6 1/4	3,525.03	6 1/4	4,121.67	6 1/4	4,377.06	6 1/4	4,641.50	6 1/4	4,893.50	6 1/4	5,154.79	6 1/4	5,412.79	6 1/4	5,681.60
6 1/2	2,723.20	6 1/2	2,984.18	6 1/2	3,245.16	6 1/2	3,506.14	6 1/2	3,510.03	6 1/2	4,132.81	6 1/2	4,388.06	6 1/2	4,651.50	6 1/2	4,904.50	6 1/2	5,165.79	6 1/2	5,423.79	6 1/2	5,696.60
6 3/4	2,728.63	6 3/4	2,989.62	6 3/4	3,250.60	6 3/4	3,511.58	6 3/4	3,504.03	6 3/4	4,144.05	6 3/4	4,400.06	6 3/4	4,661.50	6 3/4	4,915.50	6 3/4	5,176.79	6 3/4	5,434.79	6 3/4	5,711.60
7	2,734.07	7	2,995.05	7	3,256.03	7	3,517.01	7	3,496.03	7	4,155.19	7	4,411.06	7	4,672.50	7	4,926.50	7	5,187.79	7	5,445.79	7	5,726.60
7 1/4	2,739.51	7 1/4	3,000.49	7 1/4	3,261.47	7 1/4	3,522.45	7 1/4	3,486.03	7 1/4	4,166.33	7 1/4	4,422.06	7 1/4	4,683.50	7 1/4	4,937.50	7 1/4	5,198.79	7 1/4	5,456.79	7 1/4	5,741.60
7 1/2	2,744.95	7 1/2	3,005.93	7 1/2	3,266.91	7 1/2	3,527.89	7 1/2	3,476.03	7 1/2	4,177.51	7 1/2	4,433.06	7 1/2	4,694.50	7 1/2	4,948.50	7 1/2	5,209.79	7 1/2	5,467.79	7 1/2	5,756.60
7 3/4	2,750.38	7 3/4	3,011.36	7 3/4	3,272.34	7 3/4	3,533.33	7 3/4	3,466.03	7 3/4	4,188.65	7 3/4	4,444.06	7 3/4	4,705.50	7 3/4	4,959.50	7 3/4	5,220.79	7 3/4	5,478.79	7 3/4	5,771.60
8	2,755.82	8	3,016.80	8	3,277.78	8	3,538.76	8	3,456.03	8	4,200.00	8	4,455.06	8	4,716.50	8	4,970.50	8	5,231.79	8	5,489.79	8	5,786.60
8 1/4	2,761.26	8 1/4	3,022.24	8 1/4	3,283.22	8 1/4	3,544.20	8 1/4	3,446.03	8 1/4	4,211.14	8 1/4	4,466.06	8 1/4	4,727.50	8 1/4	4,981.50	8 1/4	5,242.79	8 1/4	5,500.79	8 1/4	5,801.60
8 1/2	2,766.69	8 1/2	3,027.67	8 1/2	3,288.66	8 1/2	3,549.63	8 1/2	3,436.03	8 1/2	4,222.28	8 1/2	4,477.06	8 1/2	4,738.50	8 1/2	4,992.50	8 1/2	5,253.79	8 1/2	5,511.79	8 1/2	5,816.60
8 3/4	2,772.13	8 3/4	3,033.11	8 3/4	3,294.09	8 3/4	3,555.07	8 3/4	3,426.03	8 3/4	4,233.42	8 3/4	4,488.06	8 3/4	4,749.50	8 3/4	5,003.50	8 3/4	5,264.79	8 3/4	5,522.79	8 3/4	5,831.60
9	2,777.57	9	3,038.55	9	3,299.53	9	3,560.50	9	3,416.03	9	4,244.56	9	4,499.06	9	4,760.50	9	5,014.50	9	5,275.79	9	5,533.79	9	5,846.60
9 1/4	2,783.01	9 1/4	3,043.99	9 1/4	3,304.97	9 1/4	3,565.93	9 1/4	3,406.03	9 1/4	4,255.70	9 1/4	4,510.06	9 1/4	4,771.50	9 1/4	5,025.50	9 1/4	5,286.79	9 1/4	5,544.79	9 1/4	5,861.60
9 1/2	2,788.44	9 1/2	3,049.42	9 1/2	3,310.40	9 1/2	3,571.37	9 1/2	3,396.03	9 1/2	4,266.84	9 1/2	4,521.06	9 1/2	4,782.50	9 1/2	5,036.50	9 1/2	5,297.79	9 1/2	5,555.79	9 1/2	5,876.60
9 3/4	2,793.88	9 3/4	3,054.86	9 3/4	3,315.84	9 3/4	3,576.80	9 3/4	3,386.03	9 3/4	4,278.00	9 3/4	4,532.06	9 3/4	4,793.50	9 3/4	5,047.50	9 3/4	5,308.79	9 3/4	5,566.79	9 3/4	5,891.60
10	2,799.32	10	3,060.30	10	3,321.28	10	3,582.23	10	3,376.03	10	4,289.14	10	4,543.06	10	4,804.50	10	5,058.50	10	5,319.79	10	5,577.79	10	5,906.60
10 1/4	2,804.75	10 1/4	3,065.73	10 1/4	3,326.72	10 1/4	3,587.66	10 1/4	3,366.03	10 1/4	4,300.2												