

BARGE "IB 1079"

ULLAGE 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 ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

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 ULLAGE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	3,968.29	0	3,734.82	0	3,480.94	0	3,227.06	0	2,973.17	0	2,692.51	0	2,395.70	0	2,089.89	0	1,802.08	0
1/4	1/4	3,966.16	1/4	3,729.53	1/4	3,475.65	1/4	3,221.77	1/4	2,967.89	1/4	2,686.32	1/4	2,389.51	1/4	2,092.71	1/4	1,795.89	1/4
1/2	1/2	3,964.04	1/2	3,724.24	1/2	3,470.36	1/2	3,216.48	1/2	2,962.60	1/2	2,680.14	1/2	2,383.33	1/2	2,086.53	1/2	1,789.71	1/2
3/4	3/4	3,961.91	3/4	3,718.95	3/4	3,465.07	3/4	3,211.19	3/4	2,957.31	3/4	2,673.96	3/4	2,377.15	3/4	2,080.34	3/4	1,783.53	3/4
1	1	3,959.78	1	3,713.66	1	3,459.78	1	3,205.90	1	2,952.02	1	2,667.77	1	2,370.96	1	2,074.16	1	1,777.34	1
1/4	1/4	3,956.08	1/4	3,708.37	1/4	3,454.49	1/4	3,200.61	1/4	2,946.73	1/4	2,661.59	1/4	2,364.78	1/4	2,067.98	1/4	1,771.16	1/4
1/2	1/2	3,952.38	1/2	3,703.08	1/2	3,449.20	1/2	3,195.32	1/2	2,941.44	1/2	2,655.41	1/2	2,358.60	1/2	2,061.79	1/2	1,764.97	1/2
3/4	3/4	3,948.69	3/4	3,697.80	3/4	3,443.91	3/4	3,190.03	3/4	2,936.15	3/4	2,649.22	3/4	2,355.61	3/4	2,055.61	3/4	1,758.79	3/4
2	2	3,944.99	2	3,692.51	2	3,438.62	2	3,184.74	2	2,930.86	2	2,643.04	2	2,346.23	2	2,049.43	2	1,752.61	2
1/4	1/4	3,940.24	1/4	3,687.22	1/4	3,433.34	1/4	3,179.45	1/4	2,925.57	1/4	2,636.85	1/4	2,340.05	1/4	2,043.24	1/4	1,746.42	1/4
1/2	1/2	3,935.05	1/2	3,681.93	1/2	3,428.05	1/2	3,174.16	1/2	2,920.28	1/2	2,630.67	1/2	2,333.87	1/2	2,037.06	1/2	1,740.24	1/2
3/4	3/4	3,930.08	3/4	3,676.54	3/4	3,422.76	3/4	3,168.88	3/4	2,914.99	3/4	2,624.49	3/4	2,327.68	3/4	2,030.87	3/4	1,734.06	3/4
3	3	3,925.11	3	3,671.35	3	3,417.47	3	3,163.59	3	2,909.70	3	2,618.30	3	2,321.50	3	2,024.69	3	1,727.87	3
1/4	1/4	3,919.84	1/4	3,666.06	1/4	3,412.18	1/4	3,158.30	1/4	2,904.42	1/4	2,612.12	1/4	2,315.32	1/4	2,018.51	1/4	1,721.69	1/4
1/2	1/2	3,914.58	1/2	3,660.77	1/2	3,406.89	1/2	3,153.01	1/2	2,899.14	1/2	2,605.94	1/2	2,309.13	1/2	2,012.32	1/2	1,715.51	1/2
3/4	3/4	3,909.31	3/4	3,655.48	3/4	3,401.60	3/4	3,147.72	3/4	2,893.86	3/4	2,599.75	3/4	2,302.95	3/4	2,006.14	3/4	1,709.32	3/4
4	4	3,904.05	4	3,650.19	4	3,396.31	4	3,142.43	4	2,888.57	4	2,593.57	4	2,296.77	4	1,999.96	4	1,703.14	4
1/4	1/4	3,898.76	1/4	3,644.90	1/4	3,391.02	1/4	3,137.14	1/4	2,882.84	1/4	2,587.38	1/4	2,290.58	1/4	1,993.77	1/4	1,696.96	1/4
1/2	1/2	3,893.48	1/2	3,639.61	1/2	3,385.73	1/2	3,131.85	1/2	2,877.11	1/2	2,581.20	1/2	2,284.40	1/2	1,987.59	1/2	1,690.78	1/2
3/4	3/4	3,888.20	3/4	3,634.32	3/4	3,380.44	3/4	3,126.56	3/4	2,871.38	3/4	2,575.02	3/4	2,278.22	3/4	1,981.40	3/4	1,684.61	3/4
5	5	3,882.91	5	3,629.04	5	3,375.15	5	3,121.27	5	2,865.65	5	2,568.83	5	2,272.04	5	1,975.22	5	1,678.43	5
1/4	1/4	3,877.62	1/4	3,623.75	1/4	3,369.86	1/4	3,115.98	1/4	2,859.47	1/4	2,562.65	1/4	2,265.85	1/4	1,969.04	1/4	1,672.26	1/4
1/2	1/2	3,872.34	1/2	3,618.46	1/2	3,364.58	1/2	3,110.69	1/2	2,853.28	1/2	2,556.47	1/2	2,259.67	1/2	1,962.85	1/2	1,666.09	1/2
3/4	3/4	3,867.05	3/4	3,613.17	3/4	3,359.29	3/4	3,105.40	3/4	2,847.10	3/4	2,550.28	3/4	2,253.49	3/4	1,956.67	3/4	1,659.92	3/4
6	6	3,861.76	6	3,607.88	6	3,354.00	6	3,100.12	6	2,840.92	6	2,544.10	6	2,247.30	6	1,950.49	6	1,653.75	6
1/4	1/4	3,856.47	1/4	3,602.59	1/4	3,348.71	1/4	3,094.83	1/4	2,834.73	1/4	2,537.92	1/4	2,241.12	1/4	1,944.30	1/4	1,647.58	1/4
1/2	1/2	3,851.18	1/2	3,597.30	1/2	3,343.42	1/2	3,089.54	1/2	2,828.55	1/2	2,531.73	1/2	2,234.94	1/2	1,938.12	1/2	1,641.42	1/2
3/4	3/4	3,845.89	3/4	3,592.01	3/4	3,338.13	3/4	3,084.25	3/4	2,822.37	3/4	2,525.55	3/4	2,228.75	3/4	1,931.93	3/4	1,635.25	3/4
7	7	3,840.60	7	3,586.72	7	3,332.84	7	3,078.96	7	2,816.18	7	2,519.36	7	2,222.57	7	1,925.75	7	1,629.08	7
1/4	1/4	3,835.31	1/4	3,581.43	1/4	3,327.55	1/4	3,073.67	1/4	2,810.00	1/4	2,513.18	1/4	2,216.39	1/4	1,919.57	1/4	1,622.91	1/4
1/2	1/2	3,830.03	1/2	3,576.14	1/2	3,322.26	1/2	3,068.38	1/2	2,803.81	1/2	2,507.00	1/2	2,210.20	1/2	1,913.38	1/2	1,616.74	1/2
3/4	3/4	3,824.74	3/4	3,570.85	3/4	3,316.97	3/4	3,063.09	3/4	2,797.63	3/4	2,500.81	3/4	2,204.02	3/4	1,907.20	3/4	1,610.57	3/4
8	8	3,819.45	8	3,565.57	8	3,311.68	8	3,057.80	8	2,791.45	8	2,494.63	8	2,197.83	8	1,901.02	8	1,604.40	8
1/4	1/4	3,814.16	1/4	3,560.28	1/4	3,306.39	1/4	3,052.51	1/4	2,785.26	1/4	2,488.45	1/4	2,191.65	1/4	1,894.83	1/4	1,598.23	1/4
1/2	1/2	3,808.87	1/2	3,554.99	1/2	3,301.11	1/2	3,047.22	1/2	2,779.08	1/2	2,482.26	1/2	2,185.47	1/2	1,888.65	1/2	1,592.06	1/2
3/4	3/4	3,803.58	3/4	3,549.70	3/4	3,295.82	3/4	3,041.93	3/4	2,772.90	3/4	2,476.08	3/4	2,179.28	3/4	1,882.47	3/4	1,585.89	3/4
9	9	3,798.29	9	3,544.41	9	3,290.53	9	3,036.65	9	2,766.71	9	2,469.89	9	2,173.10	9	1,876.28	9	1,579.72	9
1/4	1/4	3,793.00	1/4	3,539.12	1/4	3,285.24	1/4	3,031.36	1/4	2,760.53	1/4	2,463.71	1/4	2,166.92	1/4	1,870.10	1/4	1,573.55	1/4
1/2	1/2	3,787.71	1/2	3,533.83	1/2	3,279.95	1/2	3,026.07	1/2	2,754.34	1/2	2,457.53	1/2	2,160.73	1/2	1,863.91	1/2	1,567.38	1/2
3/4	3/4	3,782.42	3/4	3,528.54	3/4	3,274.66	3/4	3,020.78	3/4	2,748.16	3/4	2,451.34	3/4	2,154.55	3/4	1,857.73	3/4	1,561.21	3/4
10	10	3,777.13	10	3,523.25	10	3,269.37	10	3,015.49	10	2,741.98	10	2,445.16	10	2,148.36	10	1,851.55	10	1,555.04	10
1/4	1/4	3,771.84	1/4	3,517.96	1/4	3,264.08	1/4	3,010.20	1/4	2,735.79	1/4	2,438.98	1/4	2,142.18	1/4	1,845.36	1/4	1,548.87	1/4
1/2	1/2	3,766.55	1/2	3,512.67	1/2	3,258.79	1/2	3,004.91	1/2	2,729.61	1/2	2,432.79	1/2	2,136.00	1/2	1,839.18	1/2	1,542.71	1/2
3/4	3/4	3,761.27	3/4	3,507.38	3/4	3,253.50	3/4	2,999.62	3/4	2,723.43	3/4	2,426.61	3/4	2,129.81	3/4	1,833.00	3/4	1,536.54	3/4
11	11	3,755.98	11	3,502.09	11	3,248.21	11	2,994.33	11	2,717.24	11	2,420.43	11	2,123.63	11	1,826.81	11	1,530.37	11
1/4	1/4	3,750.69	1/4	3,496.81	1/4	3,242.92	1/4	2,989.04	1/4	2,711.06	1/4	2,414.24	1/4	2,117.45	1/4	1,820.63	1/4	1,524.20	1/4
1/2	1/2	3,745.40	1/2	3,491.52	1/2	3,237.63	1/2	2,983.75	1/2	2,704.87	1/2	2,408.06	1/2	2,111.26	1/2	1,814.44	1/2	1,518.03	1/2
3/4	3/4	3,740.11	3/4	3,486.23	3/4	3,232.35	3/4	2,978.46	3/4	2,698.69	3/4	2,401.88	3/4	2,105.08	3/4	1,808.26	3/4	1,511.86	3/4

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

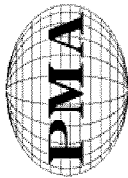
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "IB 1079"

1 CENTER ULLAGE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	1,505.69	0	1,209.13	0	913.35	0	621.68	0	324.86	0	30.87	0	0	0	0	0	0	0	0
1/4	1,499.52	1/4	1,202.95	1/4	907.32	1/4	615.50	1/4	318.67	1/4	26.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,493.35	1/2	1,196.77	1/2	901.28	1/2	609.32	1/2	312.49	1/2	22.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,487.18	3/4	1,190.59	3/4	895.25	3/4	603.13	3/4	306.30	3/4	18.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,481.01	1	1,184.41	1	889.22	1	596.95	1	300.12	1	14.36	1	1	1	1	1	1	1	1
1/4	1,474.84	1/4	1,178.23	1/4	883.19	1/4	590.76	1/4	293.94	1/4	12.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,468.67	1/2	1,172.05	1/2	877.16	1/2	584.58	1/2	287.75	1/2	10.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,462.50	3/4	1,165.87	3/4	871.12	3/4	578.40	3/4	281.57	3/4	8.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,456.33	2	1,159.69	2	865.09	2	572.21	2	275.38	2	6.10	2	2	2	2	2	2	2	2
1/4	1,450.16	1/4	1,153.50	1/4	859.06	1/4	566.03	1/4	269.20	1/4	4.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,443.98	1/2	1,147.32	1/2	853.03	1/2	559.85	1/2	263.02	1/2	1.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,437.81	3/4	1,141.14	3/4	847.00	3/4	553.66	3/4	256.83	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,431.63	3	1,134.96	3	840.96	3	547.48	3	250.65	3	0	3	3	3	3	3	3	3	3
1/4	1,425.45	1/4	1,128.78	1/4	834.93	1/4	541.29	1/4	244.46	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,419.27	1/2	1,122.60	1/2	828.90	1/2	535.11	1/2	238.27	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,413.09	3/4	1,116.42	3/4	822.87	3/4	528.93	3/4	232.09	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,406.91	4	1,110.24	4	816.84	4	522.74	4	225.90	4	0	4	4	4	4	4	4	4	4
1/4	1,400.73	1/4	1,104.06	1/4	810.80	1/4	516.56	1/4	219.71	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,394.55	1/2	1,097.88	1/2	804.77	1/2	510.37	1/2	213.52	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,388.37	3/4	1,091.70	3/4	798.74	3/4	504.19	3/4	207.33	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,382.19	5	1,085.52	5	792.71	5	498.01	5	201.14	5	0	5	5	5	5	5	5	5	5
1/4	1,376.01	1/4	1,079.34	1/4	786.68	1/4	491.82	1/4	194.95	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,369.83	1/2	1,073.16	1/2	780.64	1/2	485.64	1/2	188.76	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,363.65	3/4	1,066.98	3/4	774.61	3/4	479.45	3/4	182.57	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,357.46	6	1,060.80	6	768.58	6	473.27	6	176.39	6	0	6	6	6	6	6	6	6	6
1/4	1,351.28	1/4	1,054.62	1/4	762.55	1/4	467.09	1/4	170.20	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,345.10	1/2	1,048.43	1/2	756.52	1/2	460.90	1/2	164.02	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,338.92	3/4	1,042.25	3/4	750.48	3/4	454.72	3/4	157.83	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,332.74	7	1,036.07	7	744.45	7	448.54	7	151.65	7	0	7	7	7	7	7	7	7	7
1/4	1,326.56	1/4	1,029.89	1/4	738.42	1/4	442.35	1/4	145.47	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,320.38	1/2	1,023.71	1/2	732.39	1/2	436.17	1/2	139.28	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,314.20	3/4	1,017.53	3/4	726.36	3/4	429.98	3/4	133.10	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,308.02	8	1,011.35	8	720.32	8	423.80	8	126.92	8	0	8	8	8	8	8	8	8	8
1/4	1,301.84	1/4	1,005.17	1/4	714.22	1/4	417.62	1/4	120.76	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,295.66	1/2	998.99	1/2	708.11	1/2	411.43	1/2	114.59	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,289.48	3/4	992.81	3/4	702.00	3/4	405.25	3/4	108.42	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,283.30	9	986.63	9	695.89	9	399.06	9	102.26	9	0	9	9	9	9	9	9	9	9
1/4	1,277.12	1/4	980.45	1/4	689.71	1/4	392.88	1/4	96.12	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,270.94	1/2	974.27	1/2	683.52	1/2	386.70	1/2	89.98	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,264.76	3/4	968.09	3/4	677.34	3/4	380.51	3/4	83.84	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,258.58	10	961.91	10	671.16	10	374.33	10	77.69	10	0	10	10	10	10	10	10	10	10
1/4	1,252.39	1/4	955.80	1/4	664.97	1/4	368.14	1/4	71.60	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,246.21	1/2	949.69	1/2	658.79	1/2	361.96	1/2	65.50	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,240.03	3/4	943.59	3/4	652.60	3/4	355.78	3/4	59.41	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,233.85	11	937.48	11	646.42	11	349.59	11	53.31	11	0	11	11	11	11	11	11	11	11
1/4	1,227.67	1/4	931.45	1/4	640.24	1/4	343.41	1/4	47.10	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,221.49	1/2	925.41	1/2	634.05	1/2	337.22	1/2	40.99	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,215.31	3/4	919.38	3/4	627.87	3/4	331.04	3/4	34.88	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "IB 1079"

2 CENTER ULLAGE 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,682.26	3,444.08	3,180.77	2,917.46	2,654.15	2,390.84	2,127.54	1,864.23	1,600.92	1,337.61	1,074.30	810.99	547.68	284.37	2.06	1,337.61	1,074.30	810.99	547.68
1/2	3,679.97	3,433.11	3,169.80	2,906.49	2,643.18	2,379.87	2,116.56	1,853.26	1,589.95	1,324.64	1,061.33	799.27	536.96	284.37	2.06	1,324.64	1,061.33	799.27	536.96
3/4	3,677.69	3,427.62	3,164.31	2,901.01	2,637.70	2,374.39	2,111.08	1,847.77	1,584.46	1,319.85	1,057.81	787.58	525.25	284.37	2.06	1,319.85	1,057.81	787.58	525.25
1	3,675.40	3,422.14	3,159.33	2,895.52	2,632.21	2,368.90	2,105.59	1,842.28	1,579.98	1,315.32	1,053.77	775.89	513.54	284.37	2.06	1,315.32	1,053.77	775.89	513.54
1/4	3,673.12	3,416.66	3,153.34	2,890.03	2,627.73	2,363.42	2,101.11	1,836.80	1,573.49	1,311.29	1,049.74	764.20	501.81	284.37	2.06	1,311.29	1,049.74	764.20	501.81
1/2	3,669.04	3,411.17	3,147.86	2,884.55	2,622.24	2,357.93	2,094.62	1,831.31	1,568.00	1,307.26	1,045.71	752.51	490.00	284.37	2.06	1,307.26	1,045.71	752.51	490.00
3/4	3,664.96	3,405.68	3,142.37	2,879.06	2,617.75	2,352.45	2,089.14	1,825.83	1,562.52	1,303.23	1,041.68	740.32	478.19	284.37	2.06	1,303.23	1,041.68	740.32	478.19
2	3,660.89	3,400.20	3,136.89	2,873.58	2,612.27	2,346.96	2,083.65	1,820.34	1,557.03	1,299.20	1,037.65	728.13	466.38	284.37	2.06	1,299.20	1,037.65	728.13	466.38
1/4	3,656.81	3,394.71	3,131.40	2,868.09	2,607.79	2,341.47	2,078.17	1,814.86	1,551.55	1,293.62	1,033.62	716.54	454.57	284.37	2.06	1,293.62	1,033.62	716.54	454.57
1/2	3,651.61	3,389.22	3,125.92	2,862.61	2,599.30	2,335.99	2,072.68	1,809.37	1,546.06	1,288.59	1,029.59	704.95	442.76	284.37	2.06	1,288.59	1,029.59	704.95	442.76
3/4	3,646.40	3,383.74	3,120.43	2,857.12	2,593.81	2,330.50	2,067.19	1,803.89	1,540.58	1,284.56	1,025.56	693.36	430.95	284.37	2.06	1,284.56	1,025.56	693.36	430.95
3	3,641.20	3,378.25	3,114.94	2,851.64	2,588.33	2,325.02	2,061.71	1,798.40	1,535.09	1,280.53	1,021.53	681.77	419.14	284.37	2.06	1,280.53	1,021.53	681.77	419.14
1/4	3,636.00	3,372.77	3,109.46	2,846.15	2,582.84	2,319.53	2,056.22	1,792.91	1,529.61	1,276.50	1,017.50	670.18	407.33	284.37	2.06	1,276.50	1,017.50	670.18	407.33
1/2	3,630.83	3,367.28	3,103.97	2,840.66	2,577.36	2,314.05	2,050.74	1,787.43	1,524.12	1,272.47	1,013.47	658.59	395.52	284.37	2.06	1,272.47	1,013.47	658.59	395.52
3/4	3,625.07	3,361.80	3,098.49	2,835.18	2,571.87	2,308.56	2,045.25	1,781.94	1,518.63	1,268.44	1,009.44	646.93	383.71	284.37	2.06	1,268.44	1,009.44	646.93	383.71
4	3,619.60	3,356.31	3,093.00	2,829.69	2,566.38	2,303.08	2,039.77	1,776.46	1,513.15	1,264.39	1,005.41	635.12	371.90	284.37	2.06	1,264.39	1,005.41	635.12	371.90
1/4	3,614.14	3,350.82	3,087.52	2,824.21	2,560.90	2,297.59	2,034.28	1,770.97	1,507.66	1,260.36	1,001.38	623.31	360.09	284.37	2.06	1,260.36	1,001.38	623.31	360.09
1/2	3,608.66	3,345.34	3,082.03	2,818.72	2,555.41	2,292.10	2,028.80	1,765.49	1,502.18	1,256.33	997.35	611.50	348.28	284.37	2.06	1,256.33	997.35	611.50	348.28
3/4	3,603.18	3,339.85	3,076.54	2,813.24	2,549.93	2,286.62	2,023.31	1,760.00	1,496.69	1,252.30	993.32	600.00	336.47	284.37	2.06	1,252.30	993.32	600.00	336.47
5	3,597.70	3,334.37	3,071.06	2,807.75	2,544.44	2,281.13	2,017.82	1,754.52	1,491.21	1,248.27	989.29	588.19	324.66	284.37	2.06	1,248.27	989.29	588.19	324.66
1/4	3,592.21	3,328.88	3,065.57	2,802.26	2,538.96	2,275.65	2,012.34	1,749.03	1,485.72	1,244.24	985.26	576.38	312.85	284.37	2.06	1,244.24	985.26	576.38	312.85
1/2	3,586.72	3,323.40	3,060.09	2,796.78	2,533.47	2,270.16	2,006.85	1,743.54	1,480.24	1,240.21	981.23	564.57	301.04	284.37	2.06	1,240.21	981.23	564.57	301.04
3/4	3,581.23	3,317.91	3,054.60	2,791.29	2,527.98	2,264.68	2,001.37	1,738.06	1,474.75	1,236.18	977.20	552.76	289.23	284.37	2.06	1,236.18	977.20	552.76	289.23
6	3,575.74	3,312.43	3,049.12	2,785.81	2,522.50	2,259.19	1,995.88	1,732.57	1,469.26	1,232.15	973.17	540.95	277.42	284.37	2.06	1,232.15	973.17	540.95	277.42
1/4	3,570.25	3,306.94	3,043.63	2,780.32	2,517.01	2,253.70	1,990.40	1,727.09	1,463.78	1,228.14	969.14	529.14	265.61	284.37	2.06	1,228.14	969.14	529.14	265.61
1/2	3,564.76	3,301.45	3,038.15	2,774.84	2,511.53	2,248.22	1,984.91	1,721.60	1,458.29	1,224.13	965.11	517.33	253.80	284.37	2.06	1,224.13	965.11	517.33	253.80
3/4	3,559.28	3,295.97	3,032.66	2,769.35	2,506.04	2,242.73	1,979.42	1,716.12	1,452.81	1,220.12	961.08	505.52	242.00	284.37	2.06	1,220.12	961.08	505.52	242.00
7	3,553.79	3,290.48	3,027.17	2,763.87	2,500.56	2,237.25	1,973.94	1,710.63	1,447.32	1,216.11	957.05	493.71	230.19	284.37	2.06	1,216.11	957.05	493.71	230.19
1/4	3,548.31	3,285.00	3,021.69	2,758.38	2,495.07	2,231.76	1,968.45	1,705.14	1,441.84	1,212.10	953.02	481.90	218.38	284.37	2.06	1,212.10	953.02	481.90	218.38
1/2	3,542.82	3,279.51	3,016.20	2,752.89	2,489.59	2,226.28	1,962.97	1,699.66	1,436.35	1,208.09	948.99	470.09	206.57	284.37	2.06	1,208.09	948.99	470.09	206.57
3/4	3,537.34	3,274.03	3,010.72	2,747.41	2,484.10	2,220.79	1,957.48	1,694.17	1,430.86	1,204.08	944.98	458.28	194.76	284.37	2.06	1,204.08	944.98	458.28	194.76
8	3,531.85	3,268.54	3,005.23	2,741.92	2,478.61	2,215.31	1,952.00	1,688.69	1,425.38	1,200.07	940.97	446.47	182.95	284.37	2.06	1,200.07	940.97	446.47	182.95
1/4	3,526.36	3,263.06	3,000.74	2,736.44	2,473.13	2,209.82	1,946.51	1,683.20	1,419.89	1,196.06	936.96	434.66	171.14	284.37	2.06	1,196.06	936.96	434.66	171.14
1/2	3,520.88	3,257.57	2,995.25	2,730.95	2,467.64	2,204.33	1,941.03	1,677.72	1,414.41	1,192.05	932.95	422.85	159.33	284.37	2.06	1,192.05	932.95	422.85	159.33
3/4	3,515.39	3,252.08	2,989.76	2,725.47	2,462.16	2,198.85	1,935.54	1,672.23	1,408.92	1,188.04	928.94	411.04	147.52	284.37	2.06	1,188.04	928.94	411.04	147.52
9	3,509.91	3,246.60	2,983.29	2,719.98	2,456.67	2,193.36	1,930.05	1,666.75	1,403.44	1,184.03	924.93	400.23	135.71	284.37	2.06	1,184.03	924.93	400.23	135.71
1/4	3,504.42	3,241.11	2,977.80	2,714.50	2,451.19	2,187.88	1,924.57	1,661.26	1,397.95	1,180.02	920.92	388.42	123.90	284.37	2.06	1,180.02	920.92	388.42	123.90
1/2	3,498.94	3,235.63	2,972.32	2,709.01	2,445.70	2,182.39	1,919.08	1,655.77	1,392.47	1,176.01	916.91	376.61	112.09	284.37	2.06	1,176.01	916.91	376.61	112.09
3/4	3,493.45	3,230.14	2,966.83	2,703.52	2,440.22	2,176.91	1,913.60	1,650.29	1,386.98	1,172.00	912.90	364.80	100.28	284.37	2.06	1,172.00	912.90	364.80	100.28
10	3,487.96	3,224.66	2,961.35	2,698.04	2,434.73	2,171.42	1,908.11	1,644.80	1,381.49	1,168.00	908.89	352.99	88.47	284.37	2.06	1,168.00	908.89	352.99	88.47
1/4	3,482.48	3,219.17	2,956.86	2,692.55	2,429.24	2,166.94	1,902.63	1,639.32	1,376.01	1,164.00	904.88	341.18	76.66	284.37	2.06	1,164.00	904.88	341.18	76.66
1/2	3,476.99	3,213.68	2,950.38	2,687.07	2,423.76	2,160.45	1,897.14	1,633.83	1,370.52	1,160.00	900.87	329.37	64.85	284.37	2.06	1,160.00	900.87	329.37	64.85
3/4	3,471.51	3,208.20	2,944.89	2,681.58	2,418.27	2,154.96	1,891.66	1,628.35	1,365.04	1,156.00	900.87	317.56	53.04	284.37	2.06	1,156.00	900.87	317.56	53.04
11	3,466.02	3,202.71	2,939.40	2,676.10	2,412.79	2,149.48	1,886.17	1,622.86	1,359.55	1,152.00	896.86	41.23	41.23	284.37	2.06	1,152.00	896.86	41.23	41.23
1/4	3,460.54	3,1																	



BARGE "IB 1079"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/4"

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	1,337.61	0	1,074.30	0	811.74	0	553.68	0	290.38	0	29.35	0	0	0	0	0	0	0	0
1/4	1,332.12	1/4	1,068.82	1/4	806.40	1/4	548.19	1/4	284.89	1/4	24.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,326.64	1/2	1,063.33	1/2	801.06	1/2	542.71	1/2	279.41	1/2	20.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,321.15	3/4	1,057.84	3/4	795.73	3/4	537.22	3/4	273.92	3/4	17.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,315.67	1	1,052.36	1	790.39	1	531.74	1	268.44	1	13.42	1	1	1	1	1	1	1	1
1/4	1,310.18	1/4	1,046.87	1/4	785.05	1/4	526.25	1/4	262.95	1/4	9.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,304.70	1/2	1,041.39	1/2	779.72	1/2	520.77	1/2	257.47	1/2	7.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,299.21	3/4	1,035.90	3/4	774.38	3/4	515.28	3/4	251.98	3/4	6.11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,293.72	2	1,030.42	2	769.05	2	509.79	2	246.50	2	4.28	2	2	2	2	2	2	2	2
1/4	1,288.24	1/4	1,024.93	1/4	763.71	1/4	504.31	1/4	241.01	1/4	2.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,282.75	1/2	1,019.44	1/2	758.38	1/2	498.82	1/2	235.52	1/2	0.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,277.27	3/4	1,013.96	3/4	753.04	3/4	493.34	3/4	230.04	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,271.78	3	1,008.47	3	747.70	3	487.85	3	224.55	3	0.00	3	3	3	3	3	3	3	3
1/4	1,266.30	1/4	1,002.99	1/4	742.37	1/4	482.37	1/4	219.07	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,260.81	1/2	997.50	1/2	737.03	1/2	476.88	1/2	213.58	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,255.33	3/4	992.02	3/4	731.70	3/4	471.40	3/4	208.10	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,249.84	4	986.53	4	726.36	4	465.91	4	202.61	4	0.00	4	4	4	4	4	4	4	4
1/4	1,244.35	1/4	981.05	1/4	721.03	1/4	460.43	1/4	197.13	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,238.87	1/2	975.56	1/2	715.69	1/2	454.94	1/2	191.64	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,233.38	3/4	970.07	3/4	710.36	3/4	449.46	3/4	186.16	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,227.90	5	964.59	5	705.02	5	443.97	5	180.67	5	0.00	5	5	5	5	5	5	5	5
1/4	1,222.41	1/4	959.10	1/4	699.69	1/4	438.48	1/4	175.19	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,216.93	1/2	953.62	1/2	694.35	1/2	433.00	1/2	169.70	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,211.44	3/4	948.13	3/4	689.02	3/4	427.51	3/4	164.22	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,205.96	6	942.65	6	683.68	6	422.03	6	158.73	6	0.00	6	6	6	6	6	6	6	6
1/4	1,200.47	1/4	937.16	1/4	678.34	1/4	416.54	1/4	153.25	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,194.98	1/2	931.68	1/2	673.01	1/2	411.06	1/2	147.77	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,189.50	3/4	926.19	3/4	667.67	3/4	405.57	3/4	142.28	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,184.01	7	920.70	7	662.34	7	400.09	7	136.80	7	0.00	7	7	7	7	7	7	7	7
1/4	1,178.53	1/4	915.22	1/4	657.00	1/4	394.60	1/4	131.32	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,173.04	1/2	909.73	1/2	651.67	1/2	389.12	1/2	125.85	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,167.56	3/4	904.25	3/4	646.33	3/4	383.63	3/4	120.37	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,162.07	8	898.76	8	641.00	8	378.15	8	114.90	8	0.00	8	8	8	8	8	8	8	8
1/4	1,156.58	1/4	893.28	1/4	635.66	1/4	372.66	1/4	109.42	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,151.10	1/2	887.79	1/2	630.25	1/2	367.17	1/2	103.96	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,145.61	3/4	882.30	3/4	624.84	3/4	361.69	3/4	98.50	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,140.13	9	876.82	9	619.43	9	356.20	9	93.04	9	0.00	9	9	9	9	9	9	9	9
1/4	1,134.64	1/4	871.33	1/4	614.02	1/4	350.72	1/4	87.58	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,129.16	1/2	865.85	1/2	608.53	1/2	345.23	1/2	82.15	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,123.67	3/4	860.36	3/4	603.05	3/4	339.75	3/4	76.71	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,118.19	10	854.88	10	597.56	10	334.26	10	71.27	10	0.00	10	10	10	10	10	10	10	10
1/4	1,112.70	1/4	849.39	1/4	592.08	1/4	328.78	1/4	65.84	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,107.21	1/2	843.98	1/2	586.59	1/2	323.29	1/2	60.44	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,101.73	3/4	838.57	3/4	581.10	3/4	317.81	3/4	55.04	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,096.24	11	833.16	11	575.62	11	312.32	11	49.65	11	0.00	11	11	11	11	11	11	11	11
1/4	1,090.76	1/4	827.75	1/4	570.13	1/4	306.83	1/4	44.25	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,085.27	1/2	822.41	1/2	564.65	1/2	301.35	1/2	39.28	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,079.79	3/4	817.07	3/4	559.16	3/4	295.86	3/4	34.31	3/4	0.00	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.
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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1079"

3 CENTER ULLAGE 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	0	3,424.58	0	3,163.60	0	2,902.62	0	2,641.64	0	2,380.66	0	2,119.68	0	1,858.70	0	1,597.72		
1/4	1/4	1/4	3,419.15	1/4	3,158.17	1/4	2,897.18	1/4	2,636.20	1/4	2,375.22	1/4	2,114.24	1/4	1,853.26	1/4	1,592.28		
1/2	1/2	1/2	3,413.71	1/2	3,152.73	1/2	2,891.75	1/2	2,630.77	1/2	2,369.79	1/2	2,108.80	1/2	1,847.82	1/2	1,586.84		
3/4	3/4	3/4	3,408.27	3/4	3,147.29	3/4	2,886.31	3/4	2,625.33	3/4	2,358.35	3/4	2,103.37	3/4	1,842.39	3/4	1,581.41		
1	1	1	3,402.83	1	3,141.85	1	2,880.87	1	2,619.89	1	2,358.91	1	2,097.93	1	1,836.95	1	1,575.97		
1/4	1/4	1/4	3,397.40	1/4	3,136.42	1/4	2,875.44	1/4	2,614.46	1/4	2,353.47	1/4	2,092.49	1/4	1,831.51	1/4	1,570.53		
1/2	1/2	1/2	3,391.96	1/2	3,130.98	1/2	2,870.00	1/2	2,609.02	1/2	2,348.04	1/2	2,087.06	1/2	1,826.08	1/2	1,565.09		
3/4	3/4	3/4	3,386.52	3/4	3,125.54	3/4	2,864.56	3/4	2,603.58	3/4	2,342.60	3/4	2,081.62	3/4	1,820.64	3/4	1,559.66		
2	2	2	3,381.09	2	3,120.11	2	2,859.12	2	2,598.14	2	2,337.16	2	2,076.18	2	1,815.20	2	1,554.22		
1/4	1/4	1/4	3,375.65	1/4	3,114.67	1/4	2,853.69	1/4	2,592.71	1/4	2,331.73	1/4	2,070.75	1/4	1,809.76	1/4	1,548.78		
1/2	1/2	1/2	3,370.21	1/2	3,109.23	1/2	2,848.25	1/2	2,587.27	1/2	2,326.29	1/2	2,065.31	1/2	1,804.33	1/2	1,543.35		
3/4	3/4	3/4	3,364.77	3/4	3,103.79	3/4	2,842.81	3/4	2,581.83	3/4	2,320.85	3/4	2,059.87	3/4	1,798.89	3/4	1,537.91		
3	3	3	3,359.34	3	3,098.36	3	2,837.38	3	2,576.40	3	2,315.41	3	2,054.43	3	1,793.45	3	1,532.47		
1/4	1/4	1/4	3,353.90	1/4	3,092.92	1/4	2,831.94	1/4	2,570.96	1/4	2,309.98	1/4	2,049.00	1/4	1,788.02	1/4	1,527.04		
1/2	1/2	1/2	3,348.46	1/2	3,087.48	1/2	2,826.50	1/2	2,565.52	1/2	2,304.54	1/2	2,043.56	1/2	1,782.58	1/2	1,521.60		
3/4	3/4	3/4	3,343.03	3/4	3,082.05	3/4	2,821.06	3/4	2,560.08	3/4	2,299.10	3/4	2,038.12	3/4	1,777.14	3/4	1,516.16		
4	4	4	3,337.59	4	3,076.61	4	2,815.63	4	2,554.65	4	2,293.67	4	2,032.69	4	1,771.70	4	1,510.72		
1/4	1/4	1/4	3,332.15	1/4	3,071.17	1/4	2,810.19	1/4	2,549.21	1/4	2,288.23	1/4	2,027.25	1/4	1,766.27	1/4	1,505.29		
1/2	1/2	1/2	3,326.72	1/2	3,065.73	1/2	2,804.75	1/2	2,543.77	1/2	2,282.79	1/2	2,021.81	1/2	1,760.83	1/2	1,499.85		
3/4	3/4	3/4	3,321.28	3/4	3,060.30	3/4	2,799.32	3/4	2,538.34	3/4	2,277.35	3/4	2,016.37	3/4	1,755.39	3/4	1,494.41		
5	5	5	3,315.84	5	3,054.86	5	2,793.88	5	2,528.90	5	2,271.92	5	2,010.94	5	1,749.96	5	1,488.98		
1/4	1/4	1/4	3,310.40	1/4	3,049.42	1/4	2,788.44	1/4	2,523.46	1/4	2,266.48	1/4	2,005.50	1/4	1,744.52	1/4	1,483.54		
1/2	1/2	1/2	3,304.97	1/2	3,043.99	1/2	2,783.01	1/2	2,518.02	1/2	2,261.04	1/2	2,000.06	1/2	1,739.08	1/2	1,478.10		
3/4	3/4	3/4	3,299.53	3/4	3,038.55	3/4	2,777.57	3/4	2,512.59	3/4	2,255.61	3/4	1,994.63	3/4	1,733.64	3/4	1,472.66		
6	6	6	3,294.09	6	3,033.11	6	2,772.13	6	2,507.15	6	2,250.17	6	1,989.19	6	1,728.21	6	1,467.23		
1/4	1/4	1/4	3,288.66	1/4	3,027.67	1/4	2,766.69	1/4	2,501.71	1/4	2,244.73	1/4	1,983.75	1/4	1,722.77	1/4	1,461.79		
1/2	1/2	1/2	3,283.22	1/2	3,022.24	1/2	2,761.26	1/2	2,496.28	1/2	2,239.30	1/2	1,978.31	1/2	1,717.33	1/2	1,456.35		
3/4	3/4	3/4	3,277.78	3/4	3,016.80	3/4	2,755.82	3/4	2,490.84	3/4	2,233.86	3/4	1,971.88	3/4	1,711.90	3/4	1,450.92		
7	7	7	3,272.34	7	3,011.36	7	2,750.38	7	2,485.40	7	2,228.42	7	1,967.44	7	1,706.46	7	1,445.48		
1/4	1/4	1/4	3,266.91	1/4	3,005.93	1/4	2,744.95	1/4	2,479.96	1/4	2,222.98	1/4	1,962.00	1/4	1,701.02	1/4	1,440.04		
1/2	1/2	1/2	3,261.47	1/2	3,000.49	1/2	2,739.51	1/2	2,474.53	1/2	2,217.55	1/2	1,956.57	1/2	1,695.59	1/2	1,434.60		
3/4	3/4	3/4	3,256.03	3/4	2,995.05	3/4	2,734.07	3/4	2,469.09	3/4	2,212.11	3/4	1,951.13	3/4	1,690.15	3/4	1,429.17		
8	8	8	3,250.60	8	2,989.61	8	2,728.63	8	2,463.65	8	2,206.67	8	1,945.69	8	1,684.71	8	1,423.73		
1/4	1/4	1/4	3,245.16	1/4	2,984.18	1/4	2,723.20	1/4	2,458.22	1/4	2,201.24	1/4	1,940.25	1/4	1,679.27	1/4	1,418.29		
1/2	1/2	1/2	3,239.72	1/2	2,978.74	1/2	2,717.76	1/2	2,452.78	1/2	2,195.80	1/2	1,934.82	1/2	1,673.84	1/2	1,412.86		
3/4	3/4	3/4	3,234.28	3/4	2,973.30	3/4	2,712.32	3/4	2,447.34	3/4	2,190.36	3/4	1,929.38	3/4	1,668.40	3/4	1,407.42		
9	9	9	3,228.85	9	2,967.87	9	2,706.89	9	2,441.90	9	2,184.92	9	1,923.94	9	1,662.96	9	1,401.98		
1/4	1/4	1/4	3,223.41	1/4	2,962.43	1/4	2,701.45	1/4	2,436.47	1/4	2,179.49	1/4	1,918.51	1/4	1,657.53	1/4	1,396.54		
1/2	1/2	1/2	3,217.97	1/2	2,956.99	1/2	2,696.01	1/2	2,430.03	1/2	2,174.05	1/2	1,913.07	1/2	1,652.09	1/2	1,391.11		
3/4	3/4	3/4	3,212.54	3/4	2,951.56	3/4	2,690.57	3/4	2,424.59	3/4	2,168.61	3/4	1,907.63	3/4	1,646.65	3/4	1,385.67		
10	10	10	3,207.10	10	2,946.12	10	2,685.14	10	2,419.16	10	2,163.18	10	1,902.19	10	1,641.21	10	1,380.23		
1/4	1/4	1/4	3,201.66	1/4	2,940.68	1/4	2,679.70	1/4	2,413.72	1/4	2,157.74	1/4	1,896.76	1/4	1,635.78	1/4	1,374.80		
1/2	1/2	1/2	3,196.22	1/2	2,935.24	1/2	2,674.26	1/2	2,408.28	1/2	2,151.30	1/2	1,891.32	1/2	1,630.34	1/2	1,369.36		
3/4	3/4	3/4	3,190.79	3/4	2,929.81	3/4	2,668.83	3/4	2,402.85	3/4	2,146.86	3/4	1,885.88	3/4	1,624.90	3/4	1,363.92		
11	11	11	3,185.33	11	2,924.37	11	2,663.39	11	2,402.41	11	2,141.43	11	1,880.45	11	1,619.47	11	1,358.48		
1/4	1/4	1/4	3,179.89	1/4	2,918.93	1/4	2,657.95	1/4	2,396.97	1/4	2,135.99	1/4	1,875.01	1/4	1,614.03	1/4	1,353.05		
1/2	1/2	1/2	3,174.48	1/2	2,913.50	1/2	2,652.51	1/2	2,391.53	1/2	2,130.55	1/2	1,869.57	1/2	1,608.59	1/2	1,347.61		
3/4	3/4	3/4	3,169.04	3/4	2,908.06	3/4	2,647.08	3/4	2,386.10	3/4	2,125.12	3/4	1,864.14	3/4	1,603.15	3/4	1,342.17		

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

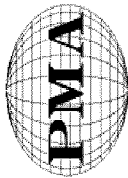
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "IB 1079"

3 CENTER ULLAGE 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	1,336.74	1,075.76	814.81	554.22	293.25	0	34.02	0	0	0	0	0	0	0	0	0	0	0	0
1/2	1,331.30	1,070.32	809.38	548.79	287.81	1/4	29.09	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	1,325.86	1,064.88	803.96	543.35	282.38	1/2	24.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
1	1,320.43	1,059.44	798.53	537.91	276.94	3/4	20.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1 1/4	1,314.99	1,054.01	793.10	532.47	271.50	1	16.93	1	1	1	1	1	1	1	1	1	1	1	1
1 1/2	1,309.55	1,048.57	787.68	527.04	266.07	1 1/4	13.31	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 3/4	1,304.11	1,043.13	782.25	521.60	260.63	1 1/2	9.69	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
2	1,298.68	1,037.70	776.82	516.16	255.19	3/4	7.87	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2 1/4	1,293.24	1,032.26	771.40	510.73	249.76	2	6.06	2	2	2	2	2	2	2	2	2	2	2	2
2 1/2	1,287.80	1,026.82	765.97	505.29	244.32	1 1/4	4.25	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
2 3/4	1,282.37	1,021.38	760.55	499.85	238.88	1 1/2	2.44	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3	1,276.93	1,015.95	755.12	494.42	233.45	3/4	0.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3 1/4	1,271.49	1,010.51	749.69	488.98	228.01	3	0.00	3	3	3	3	3	3	3	3	3	3	3	3
3 1/2	1,266.05	1,005.07	744.27	483.54	222.57	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
3 3/4	1,260.62	1,000.63	738.84	478.11	217.13	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4	1,255.18	995.20	733.41	472.67	211.70	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4 1/4	1,249.74	989.76	727.99	467.23	206.26	4	0.00	4	4	4	4	4	4	4	4	4	4	4	4
4 1/2	1,244.31	984.33	722.56	461.79	200.82	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
4 3/4	1,238.87	978.89	717.13	456.36	195.39	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
5	1,233.43	973.45	711.71	450.92	189.95	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5 1/4	1,227.99	968.01	706.28	445.48	184.51	5	0.00	5	5	5	5	5	5	5	5	5	5	5	5
5 1/2	1,222.56	962.57	700.86	440.05	179.08	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
5 3/4	1,217.12	957.13	695.43	434.61	173.64	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
6	1,211.68	951.70	690.00	429.17	168.20	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6 1/4	1,206.25	946.27	684.58	423.74	162.77	6	0.00	6	6	6	6	6	6	6	6	6	6	6	6
6 1/2	1,200.81	940.83	679.15	418.30	157.33	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
6 3/4	1,195.37	935.39	673.72	412.86	151.90	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
7	1,189.93	929.95	668.30	407.43	146.46	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7 1/4	1,184.50	924.52	662.87	401.99	141.03	7	0.00	7	7	7	7	7	7	7	7	7	7	7	7
7 1/2	1,179.06	919.08	657.45	396.55	135.60	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
7 3/4	1,173.62	913.64	652.02	391.12	130.16	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
8	1,168.19	908.21	646.59	385.68	124.74	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8 1/4	1,162.75	902.77	641.17	380.24	119.31	8	0.00	8	8	8	8	8	8	8	8	8	8	8	8
8 1/2	1,157.31	897.33	635.74	374.80	113.88	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
8 3/4	1,151.88	891.89	630.31	369.37	108.46	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
9	1,146.44	886.46	624.88	363.93	103.05	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9 1/4	1,141.00	881.02	619.45	358.49	97.64	9	0.00	9	9	9	9	9	9	9	9	9	9	9	9
9 1/2	1,135.56	875.58	614.02	353.06	92.22	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
9 3/4	1,130.13	870.14	608.59	347.62	86.81	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
10	1,124.69	864.71	603.15	342.18	81.43	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10 1/4	1,119.25	859.27	597.72	336.75	76.04	10	0.00	10	10	10	10	10	10	10	10	10	10	10	10
10 1/2	1,113.82	853.83	592.28	331.31	70.65	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
10 3/4	1,108.38	848.39	586.84	325.87	65.26	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
11	1,102.94	842.95	581.41	320.44	59.91	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11 1/4	1,097.50	837.51	575.97	315.00	54.56	11	0.00	11	11	11	11	11	11	11	11	11	11	11	11
11 1/2	1,092.07	832.07	570.53	309.56	49.21	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
11 3/4	1,086.63	826.63	565.10	304.12	43.86	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
12	1,081.19	821.19	559.66	298.69	38.94	3/4	0.00	3/4	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: 06/01/2017 CL
CALCULATED: 06/05/2017 CL
PRINTED: 06/05/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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