



BARGE "IB 1087"

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:

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

June 14, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1087"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	3,968.24	0	3,731.47	0	3,477.46	0	3,223.45	0	2,969.44	0	2,687.73	0	2,390.76	0	2,093.80	0	1,796.83	
1/4	1/4	3,966.11	1/4	3,726.18	1/4	3,472.17	1/4	3,218.15	1/4	2,964.14	1/4	2,681.54	1/4	2,384.58	1/4	2,087.62	1/4	1,790.64	
1/2	1/2	3,963.98	1/2	3,720.89	1/2	3,466.87	1/2	3,212.86	1/2	2,958.85	1/2	2,675.35	1/2	2,378.39	1/2	2,081.43	1/2	1,784.46	
3/4	3/4	3,961.85	3/4	3,715.59	3/4	3,461.58	3/4	3,207.57	3/4	2,953.56	3/4	2,669.17	3/4	2,372.20	3/4	2,075.24	3/4	1,778.27	
1	1	3,958.15	1	3,710.30	1	3,456.29	1	3,202.28	1	2,948.27	1	2,662.98	1	2,366.02	1	2,069.05	1	1,772.08	
1/4	1/4	3,954.45	1/4	3,705.01	1/4	3,451.00	1/4	3,196.99	1/4	2,942.98	1/4	2,656.79	1/4	2,359.83	1/4	2,062.87	1/4	1,765.90	
1/2	1/2	3,950.75	1/2	3,699.72	1/2	3,445.71	1/2	3,191.70	1/2	2,937.68	1/2	2,650.60	1/2	2,353.64	1/2	2,056.68	1/2	1,759.71	
3/4	3/4	3,947.05	3/4	3,694.43	3/4	3,440.41	3/4	3,186.40	3/4	2,932.39	3/4	2,644.42	3/4	2,347.46	3/4	2,050.49	3/4	1,753.52	
2	2	3,942.08	2	3,689.13	2	3,435.12	2	3,181.11	2	2,927.10	2	2,638.23	2	2,341.27	2	2,044.31	2	1,747.34	
1/4	1/4	3,937.11	1/4	3,683.84	1/4	3,429.83	1/4	3,175.82	1/4	2,921.81	1/4	2,632.04	1/4	2,335.09	1/4	2,038.12	1/4	1,741.15	
1/2	1/2	3,932.13	1/2	3,678.55	1/2	3,424.54	1/2	3,170.53	1/2	2,916.52	1/2	2,625.86	1/2	2,328.90	1/2	2,031.93	1/2	1,734.96	
3/4	3/4	3,927.16	3/4	3,673.26	3/4	3,419.25	3/4	3,165.24	3/4	2,911.23	3/4	2,619.67	3/4	2,322.71	3/4	2,025.75	3/4	1,728.78	
3	3	3,921.89	3	3,667.97	3	3,413.96	3	3,159.94	3	2,905.94	3	2,613.48	3	2,316.53	3	2,019.56	3	1,722.59	
1/4	1/4	3,916.62	1/4	3,662.67	1/4	3,408.66	1/4	3,154.65	1/4	2,900.65	1/4	2,607.30	1/4	2,310.34	1/4	2,013.37	1/4	1,716.40	
1/2	1/2	3,911.36	1/2	3,657.38	1/2	3,403.37	1/2	3,149.36	1/2	2,895.37	1/2	2,601.11	1/2	2,304.15	1/2	2,007.19	1/2	1,710.21	
3/4	3/4	3,906.09	3/4	3,652.09	3/4	3,398.08	3/4	3,144.07	3/4	2,890.08	3/4	2,594.92	3/4	2,297.97	3/4	2,001.00	3/4	1,704.03	
4	4	3,900.80	4	3,646.80	4	3,392.79	4	3,138.78	4	2,884.35	4	2,588.74	4	2,291.78	4	1,994.81	4	1,697.85	
1/4	1/4	3,895.51	1/4	3,641.51	1/4	3,387.50	1/4	3,133.48	1/4	2,878.61	1/4	2,582.55	1/4	2,285.60	1/4	1,988.62	1/4	1,691.67	
1/2	1/2	3,890.23	1/2	3,636.22	1/2	3,382.20	1/2	3,128.19	1/2	2,872.88	1/2	2,576.36	1/2	2,279.41	1/2	1,982.44	1/2	1,685.49	
3/4	3/4	3,884.94	3/4	3,630.92	3/4	3,376.91	3/4	3,122.90	3/4	2,867.15	3/4	2,570.18	3/4	2,273.22	3/4	1,976.25	3/4	1,679.31	
5	5	3,879.65	5	3,625.63	5	3,371.62	5	3,117.61	5	2,860.96	5	2,563.99	5	2,267.04	5	1,970.06	5	1,673.14	
1/4	1/4	3,874.35	1/4	3,620.34	1/4	3,366.33	1/4	3,112.32	1/4	2,854.77	1/4	2,557.80	1/4	2,260.85	1/4	1,963.88	1/4	1,666.96	
1/2	1/2	3,869.06	1/2	3,615.05	1/2	3,361.04	1/2	3,107.03	1/2	2,848.59	1/2	2,551.61	1/2	2,254.66	1/2	1,957.69	1/2	1,660.79	
3/4	3/4	3,863.77	3/4	3,609.76	3/4	3,355.74	3/4	3,101.73	3/4	2,842.40	3/4	2,545.43	3/4	2,248.47	3/4	1,951.50	3/4	1,654.62	
6	6	3,858.47	6	3,604.46	6	3,350.45	6	3,096.44	6	2,836.21	6	2,539.24	6	2,242.29	6	1,945.32	6	1,648.44	
1/4	1/4	3,853.18	1/4	3,599.17	1/4	3,345.16	1/4	3,091.15	1/4	2,830.02	1/4	2,533.05	1/4	2,236.10	1/4	1,939.13	1/4	1,642.27	
1/2	1/2	3,847.89	1/2	3,593.88	1/2	3,339.87	1/2	3,085.86	1/2	2,823.84	1/2	2,526.87	1/2	2,229.91	1/2	1,932.94	1/2	1,636.10	
3/4	3/4	3,842.60	3/4	3,588.59	3/4	3,334.58	3/4	3,080.57	3/4	2,817.65	3/4	2,520.68	3/4	2,223.73	3/4	1,926.76	3/4	1,629.93	
7	7	3,837.31	7	3,583.30	7	3,329.28	7	3,075.27	7	2,811.46	7	2,514.49	7	2,217.54	7	1,920.57	7	1,623.75	
1/4	1/4	3,832.02	1/4	3,578.00	1/4	3,323.99	1/4	3,069.98	1/4	2,805.28	1/4	2,508.31	1/4	2,211.35	1/4	1,914.38	1/4	1,617.58	
1/2	1/2	3,826.72	1/2	3,572.71	1/2	3,318.70	1/2	3,064.69	1/2	2,799.09	1/2	2,502.12	1/2	2,205.17	1/2	1,908.20	1/2	1,611.41	
3/4	3/4	3,821.43	3/4	3,567.42	3/4	3,313.41	3/4	3,059.40	3/4	2,792.90	3/4	2,495.93	3/4	2,198.98	3/4	1,902.01	3/4	1,605.24	
8	8	3,816.14	8	3,562.13	8	3,308.12	8	3,054.11	8	2,786.72	8	2,489.75	8	2,192.79	8	1,895.82	8	1,599.06	
1/4	1/4	3,810.85	1/4	3,556.84	1/4	3,302.83	1/4	3,048.81	1/4	2,780.53	1/4	2,483.56	1/4	2,186.61	1/4	1,889.63	1/4	1,592.89	
1/2	1/2	3,805.56	1/2	3,551.54	1/2	3,297.53	1/2	3,043.52	1/2	2,774.34	1/2	2,477.37	1/2	2,180.42	1/2	1,883.45	1/2	1,586.72	
3/4	3/4	3,800.26	3/4	3,546.25	3/4	3,292.24	3/4	3,038.23	3/4	2,768.16	3/4	2,471.18	3/4	2,174.23	3/4	1,877.26	3/4	1,580.55	
9	9	3,794.97	9	3,540.96	9	3,286.95	9	3,032.94	9	2,761.97	9	2,465.00	9	2,168.05	9	1,871.07	9	1,574.37	
1/4	1/4	3,789.68	1/4	3,535.67	1/4	3,281.66	1/4	3,027.65	1/4	2,755.78	1/4	2,458.81	1/4	2,161.86	1/4	1,864.89	1/4	1,568.20	
1/2	1/2	3,784.39	1/2	3,530.38	1/2	3,276.37	1/2	3,022.35	1/2	2,749.60	1/2	2,452.63	1/2	2,155.67	1/2	1,858.70	1/2	1,562.03	
3/4	3/4	3,779.10	3/4	3,525.09	3/4	3,271.07	3/4	3,017.06	3/4	2,743.41	3/4	2,446.44	3/4	2,149.48	3/4	1,852.51	3/4	1,555.86	
10	10	3,773.80	10	3,519.79	10	3,265.78	10	3,011.77	10	2,737.22	10	2,440.25	10	2,143.30	10	1,846.33	10	1,549.68	
1/4	1/4	3,768.51	1/4	3,514.50	1/4	3,260.49	1/4	3,006.48	1/4	2,731.03	1/4	2,434.07	1/4	2,137.11	1/4	1,840.14	1/4	1,543.51	
1/2	1/2	3,763.22	1/2	3,509.21	1/2	3,255.20	1/2	3,001.19	1/2	2,724.85	1/2	2,427.88	1/2	2,130.92	1/2	1,833.95	1/2	1,537.34	
3/4	3/4	3,757.93	3/4	3,503.92	3/4	3,249.91	3/4	2,995.90	3/4	2,718.66	3/4	2,421.69	3/4	2,124.74	3/4	1,827.77	3/4	1,531.17	
11	11	3,752.64	11	3,498.63	11	3,244.61	11	2,990.60	11	2,712.47	11	2,415.51	11	2,118.55	11	1,821.58	11	1,524.99	
1/4	1/4	3,747.34	1/4	3,493.33	1/4	3,239.32	1/4	2,985.31	1/4	2,706.29	1/4	2,409.32	1/4	2,112.36	1/4	1,815.39	1/4	1,518.82	
1/2	1/2	3,742.05	1/2	3,488.04	1/2	3,234.03	1/2	2,980.02	1/2	2,700.10	1/2	2,403.14	1/2	2,106.18	1/2	1,809.20	1/2	1,512.65	
3/4	3/4	3,736.76	3/4	3,482.75	3/4	3,228.74	3/4	2,974.73	3/4	2,693.91	3/4	2,396.95	3/4	2,099.99	3/4	1,803.02	3/4	1,506.48	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE 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.
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BARGE "IB 1087"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,500.30	0	1,203.58	0	907.79	0	615.82	0	318.84	0	26.76	0		0		0		0	
1/4	1,494.13	1/4	1,197.39	1/4	901.75	1/4	609.63	1/4	312.65	1/4	22.63	1/4		1/4		1/4		1/4	
1/2	1,487.96	1/2	1,191.21	1/2	895.72	1/2	603.45	1/2	306.46	1/2	18.50	1/2		1/2		1/2		1/2	
3/4	1,481.78	3/4	1,185.03	3/4	889.68	3/4	597.26	3/4	300.28	3/4	14.37	3/4		3/4		3/4		3/4	
1	1,475.61	1	1,178.84	1	883.65	1	591.07	1	294.09	1	12.30	1		1		1		1	
1/4	1,469.44	1/4	1,172.66	1/4	877.61	1/4	584.89	1/4	287.90	1/4	10.24	1/4		1/4		1/4		1/4	
1/2	1,463.27	1/2	1,166.47	1/2	871.58	1/2	578.70	1/2	281.71	1/2	8.17	1/2		1/2		1/2		1/2	
3/4	1,457.09	3/4	1,160.29	3/4	865.54	3/4	572.51	3/4	275.53	3/4	6.11	3/4		3/4		3/4		3/4	
2	1,450.92	2	1,154.11	2	859.51	2	566.32	2	269.34	2		2		2		2		2	
1/4	1,444.74	1/4	1,147.92	1/4	853.47	1/4	560.14	1/4	263.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,438.56	1/2	1,141.74	1/2	847.44	1/2	553.95	1/2	256.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,432.38	3/4	1,135.56	3/4	841.40	3/4	547.76	3/4	250.78	3/4		3/4		3/4		3/4		3/4	
3	1,426.19	3	1,129.37	3	835.37	3	541.58	3	244.59	3		3		3		3		3	
1/4	1,420.01	1/4	1,123.19	1/4	829.33	1/4	535.39	1/4	238.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,413.83	1/2	1,117.00	1/2	823.30	1/2	529.20	1/2	232.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,407.64	3/4	1,110.82	3/4	817.26	3/4	523.01	3/4	226.02	3/4		3/4		3/4		3/4		3/4	
4	1,401.46	4	1,104.64	4	811.23	4	516.83	4	219.82	4		4		4		4		4	
1/4	1,395.28	1/4	1,098.45	1/4	805.19	1/4	510.64	1/4	213.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,389.09	1/2	1,092.27	1/2	799.16	1/2	504.45	1/2	207.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,382.91	3/4	1,086.09	3/4	793.12	3/4	498.27	3/4	201.24	3/4		3/4		3/4		3/4		3/4	
5	1,376.72	5	1,079.90	5	787.09	5	492.08	5	195.05	5		5		5		5		5	
1/4	1,370.54	1/4	1,073.72	1/4	781.05	1/4	485.89	1/4	188.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,364.36	1/2	1,067.53	1/2	775.02	1/2	479.70	1/2	182.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,358.17	3/4	1,061.35	3/4	768.98	3/4	473.52	3/4	176.48	3/4		3/4		3/4		3/4		3/4	
6	1,351.99	6	1,055.17	6	762.95	6	467.33	6	170.29	6		6		6		6		6	
1/4	1,345.80	1/4	1,048.98	1/4	756.91	1/4	461.14	1/4	164.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,339.62	1/2	1,042.80	1/2	750.88	1/2	454.96	1/2	157.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,333.44	3/4	1,036.61	3/4	744.84	3/4	448.77	3/4	151.73	3/4		3/4		3/4		3/4		3/4	
7	1,327.25	7	1,030.43	7	738.80	7	442.58	7	145.54	7		7		7		7		7	
1/4	1,321.07	1/4	1,024.25	1/4	732.77	1/4	436.39	1/4	139.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,314.89	1/2	1,018.06	1/2	726.73	1/2	430.21	1/2	133.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,308.70	3/4	1,011.88	3/4	720.70	3/4	424.02	3/4	126.99	3/4		3/4		3/4		3/4		3/4	
8	1,302.52	8	1,005.70	8	714.59	8	417.83	8	120.82	8		8		8		8		8	
1/4	1,296.33	1/4	999.51	1/4	708.48	1/4	411.65	1/4	114.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,290.15	1/2	993.33	1/2	702.36	1/2	405.46	1/2	108.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,283.97	3/4	987.14	3/4	696.25	3/4	399.27	3/4	102.31	3/4		3/4		3/4		3/4		3/4	
9	1,277.78	9	980.96	9	690.07	9	393.09	9	96.17	9		9		9		9		9	
1/4	1,271.60	1/4	974.78	1/4	683.88	1/4	386.90	1/4	90.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,265.42	1/2	968.59	1/2	677.69	1/2	380.71	1/2	83.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,259.23	3/4	962.41	3/4	671.50	3/4	374.52	3/4	77.74	3/4		3/4		3/4		3/4		3/4	
10	1,253.05	10	956.30	10	665.32	10	368.34	10	71.64	10		10		10		10		10	
1/4	1,246.86	1/4	950.19	1/4	659.13	1/4	362.15	1/4	65.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.68	1/2	944.08	1/2	652.94	1/2	355.96	1/2	59.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,234.50	3/4	937.97	3/4	646.76	3/4	349.78	3/4	53.34	3/4		3/4		3/4		3/4		3/4	
11	1,228.31	11	931.93	11	640.57	11	343.59	11	47.73	11		11		11		11		11	
1/4	1,222.13	1/4	925.90	1/4	634.38	1/4	337.40	1/4	42.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,215.94	1/2	919.86	1/2	628.20	1/2	331.21	1/2	36.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,209.76	3/4	913.83	3/4	622.01	3/4	325.03	3/4	30.88	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2017 CL
CALCULATED: 06/14/2017 CL
PRINTED: 06/14/2017 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 1087"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,461.16	0	3,197.81	0	2,934.45	0	2,671.09	0	2,407.74	0	2,144.38	0	1,881.02	0	1,617.66		
1/4	1/4	1/4	3,455.68	1/4	3,192.32	1/4	2,928.96	1/4	2,665.61	1/4	2,402.25	1/4	2,138.89	1/4	1,875.54	1/4	1,612.18		
1/2	1/2	1/2	3,450.19	1/2	3,186.83	1/2	2,923.48	1/2	2,660.12	1/2	2,396.76	1/2	2,133.41	1/2	1,870.05	1/2	1,606.69		
3/4	3/4	3/4	3,444.70	3/4	3,181.35	3/4	2,917.99	3/4	2,654.63	3/4	2,391.28	3/4	2,127.92	3/4	1,864.56	3/4	1,601.21		
1	1	1	3,682.91	1	3,439.22	1	3,175.86	1	2,912.50	1	2,649.15	1	2,385.79	1	2,122.43	1	1,859.08	1	1,595.72
1/4	1/4	1/4	3,680.62	1/4	3,433.73	1/4	3,170.37	1/4	2,907.02	1/4	2,643.66	1/4	2,380.30	1/4	2,116.95	1/4	1,853.59	1/4	1,590.23
1/2	1/2	1/2	3,678.33	1/2	3,428.24	1/2	3,164.89	1/2	2,901.53	1/2	2,638.17	1/2	2,374.82	1/2	2,111.46	1/2	1,848.10	1/2	1,584.75
3/4	3/4	3/4	3,676.05	3/4	3,422.76	3/4	3,159.40	3/4	2,896.04	3/4	2,632.69	3/4	2,369.33	3/4	2,105.97	3/4	1,842.62	3/4	1,579.26
2	2	2	3,673.76	2	3,417.27	2	3,153.91	2	2,890.56	2	2,627.20	2	2,363.84	2	2,100.49	2	1,837.13	2	1,573.77
1/4	1/4	1/4	3,669.69	1/4	3,411.78	1/4	3,148.43	1/4	2,885.07	1/4	2,621.71	1/4	2,358.36	1/4	2,095.00	1/4	1,831.64	1/4	1,568.29
1/2	1/2	1/2	3,665.61	1/2	3,406.30	1/2	3,142.94	1/2	2,879.58	1/2	2,616.23	1/2	2,352.87	1/2	2,089.51	1/2	1,826.16	1/2	1,562.80
3/4	3/4	3/4	3,661.53	3/4	3,400.81	3/4	3,137.45	3/4	2,874.10	3/4	2,610.74	3/4	2,347.38	3/4	2,084.03	3/4	1,820.67	3/4	1,557.31
3	3	3	3,657.45	3	3,395.32	3	3,131.97	3	2,868.61	3	2,605.25	3	2,341.90	3	2,078.54	3	1,815.18	3	1,551.83
1/4	1/4	1/4	3,652.25	1/4	3,389.84	1/4	3,126.48	1/4	2,863.12	1/4	2,599.77	1/4	2,336.41	1/4	2,073.05	1/4	1,809.70	1/4	1,546.34
1/2	1/2	1/2	3,647.05	1/2	3,384.35	1/2	3,120.99	1/2	2,857.64	1/2	2,594.28	1/2	2,330.92	1/2	2,067.57	1/2	1,804.21	1/2	1,540.85
3/4	3/4	3/4	3,641.84	3/4	3,378.86	3/4	3,115.51	3/4	2,852.15	3/4	2,588.79	3/4	2,325.44	3/4	2,062.08	3/4	1,798.72	3/4	1,535.37
4	4	4	3,636.64	4	3,373.38	4	3,110.02	4	2,846.66	4	2,583.31	4	2,319.95	4	2,056.59	4	1,793.24	4	1,529.88
1/4	1/4	1/4	3,631.17	1/4	3,367.89	1/4	3,104.53	1/4	2,841.18	1/4	2,577.82	1/4	2,314.46	1/4	2,051.11	1/4	1,787.75	1/4	1,524.39
1/2	1/2	1/2	3,625.71	1/2	3,362.40	1/2	3,099.05	1/2	2,835.69	1/2	2,572.33	1/2	2,308.98	1/2	2,045.62	1/2	1,782.26	1/2	1,518.91
3/4	3/4	3/4	3,620.24	3/4	3,356.92	3/4	3,093.56	3/4	2,830.20	3/4	2,566.85	3/4	2,303.49	3/4	2,040.13	3/4	1,776.78	3/4	1,513.42
5	5	5	3,614.78	5	3,351.43	5	3,088.07	5	2,824.72	5	2,561.36	5	2,298.00	5	2,034.65	5	1,771.29	5	1,507.93
1/4	1/4	1/4	3,609.29	1/4	3,345.94	1/4	3,082.59	1/4	2,819.23	1/4	2,555.87	1/4	2,292.52	1/4	2,029.16	1/4	1,765.80	1/4	1,502.45
1/2	1/2	1/2	3,603.81	1/2	3,340.46	1/2	3,077.10	1/2	2,813.74	1/2	2,550.39	1/2	2,287.03	1/2	2,023.67	1/2	1,760.32	1/2	1,496.96
3/4	3/4	3/4	3,598.33	3/4	3,334.97	3/4	3,071.61	3/4	2,808.26	3/4	2,544.90	3/4	2,281.54	3/4	2,018.19	3/4	1,754.83	3/4	1,491.47
6	6	6	3,592.85	6	3,329.48	6	3,066.13	6	2,802.77	6	2,539.41	6	2,276.06	6	2,012.70	6	1,749.34	6	1,485.99
1/4	1/4	1/4	3,587.36	1/4	3,324.00	1/4	3,060.64	1/4	2,797.28	1/4	2,533.93	1/4	2,270.57	1/4	2,007.21	1/4	1,743.86	1/4	1,480.50
1/2	1/2	1/2	3,581.87	1/2	3,318.51	1/2	3,055.15	1/2	2,791.80	1/2	2,528.44	1/2	2,265.08	1/2	2,001.73	1/2	1,738.37	1/2	1,475.01
3/4	3/4	3/4	3,576.38	3/4	3,313.02	3/4	3,049.67	3/4	2,786.31	3/4	2,522.95	3/4	2,259.60	3/4	1,996.24	3/4	1,732.88	3/4	1,469.53
7	7	7	3,570.89	7	3,307.54	7	3,044.18	7	2,780.82	7	2,517.47	7	2,254.11	7	1,990.75	7	1,727.40	7	1,464.04
1/4	1/4	1/4	3,565.41	1/4	3,302.05	1/4	3,038.69	1/4	2,775.34	1/4	2,511.98	1/4	2,248.62	1/4	1,985.27	1/4	1,721.91	1/4	1,458.55
1/2	1/2	1/2	3,559.92	1/2	3,296.56	1/2	3,033.21	1/2	2,769.85	1/2	2,506.49	1/2	2,243.14	1/2	1,979.78	1/2	1,716.42	1/2	1,453.07
3/4	3/4	3/4	3,554.43	3/4	3,291.08	3/4	3,027.72	3/4	2,764.36	3/4	2,501.01	3/4	2,237.65	3/4	1,974.29	3/4	1,710.94	3/4	1,447.58
8	8	8	3,548.95	8	3,285.59	8	3,022.23	8	2,758.88	8	2,495.52	8	2,232.16	8	1,968.81	8	1,705.45	8	1,442.09
1/4	1/4	1/4	3,543.46	1/4	3,280.10	1/4	3,016.75	1/4	2,753.39	1/4	2,490.03	1/4	2,226.68	1/4	1,963.32	1/4	1,699.96	1/4	1,436.61
1/2	1/2	1/2	3,537.98	1/2	3,274.62	1/2	3,011.26	1/2	2,747.90	1/2	2,484.55	1/2	2,221.19	1/2	1,957.83	1/2	1,694.48	1/2	1,431.12
3/4	3/4	3/4	3,532.49	3/4	3,269.13	3/4	3,005.77	3/4	2,742.42	3/4	2,479.06	3/4	2,215.70	3/4	1,952.35	3/4	1,688.99	3/4	1,425.63
9	9	9	3,527.00	9	3,263.64	9	3,000.29	9	2,736.93	9	2,473.57	9	2,210.22	9	1,946.86	9	1,683.50	9	1,420.15
1/4	1/4	1/4	3,521.52	1/4	3,258.16	1/4	2,994.80	1/4	2,731.44	1/4	2,468.09	1/4	2,204.73	1/4	1,941.37	1/4	1,678.02	1/4	1,414.66
1/2	1/2	1/2	3,516.03	1/2	3,252.67	1/2	2,989.31	1/2	2,725.96	1/2	2,462.60	1/2	2,199.24	1/2	1,935.89	1/2	1,672.53	1/2	1,409.17
3/4	3/4	3/4	3,510.54	3/4	3,247.19	3/4	2,983.83	3/4	2,720.47	3/4	2,457.11	3/4	2,193.76	3/4	1,930.40	3/4	1,667.04	3/4	1,403.69
10	10	10	3,505.06	10	3,241.70	10	2,978.34	10	2,714.98	10	2,451.63	10	2,188.27	10	1,924.91	10	1,661.56	10	1,398.20
1/4	1/4	1/4	3,499.57	1/4	3,236.21	1/4	2,972.86	1/4	2,709.50	1/4	2,446.14	1/4	2,182.78	1/4	1,919.43	1/4	1,656.07	1/4	1,392.71
1/2	1/2	1/2	3,494.08	1/2	3,230.73	1/2	2,967.37	1/2	2,704.01	1/2	2,440.65	1/2	2,177.30	1/2	1,913.94	1/2	1,650.58	1/2	1,387.23
3/4	3/4	3/4	3,488.60	3/4	3,225.24	3/4	2,961.88	3/4	2,698.53	3/4	2,435.17	3/4	2,171.81	3/4	1,908.45	3/4	1,645.10	3/4	1,381.74
11	11	11	3,483.11	11	3,219.75	11	2,956.40	11	2,693.04	11	2,429.68	11	2,166.32	11	1,902.97	11	1,639.61	11	1,376.25
1/4	1/4	1/4	3,477.62	1/4	3,214.27	1/4	2,950.91	1/4	2,687.55	1/4	2,424.20	1/4	2,160.84	1/4	1,897.48	1/4	1,634.12	1/4	1,370.77
1/2	1/2	1/2	3,472.14	1/2	3,208.78	1/2	2,945.42	1/2	2,682.07	1/2	2,418.71	1/2	2,155.35	1/2	1,891.99	1/2	1,628.64	1/2	1,365.28
3/4	3/4	3/4	3,466.65	3/4	3,203.29	3/4	2,939.94	3/4	2,676.58	3/4	2,413.22	3/4	2,149.87	3/4	1,886.51	3/4	1,623.15	3/4	1,359.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE 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 1087"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,354.31	0	1,090.95	0	827.89	0	570.24	0	306.89	0	44.26	0		0		0		0	
1/4	1,348.82	1/4	1,085.46	1/4	822.55	1/4	564.75	1/4	301.40	1/4	39.29	1/4	1/4		1/4		1/4		1/4
1/2	1,343.33	1/2	1,079.98	1/2	817.22	1/2	559.26	1/2	295.92	1/2	34.32	1/2	1/2		1/2		1/2		1/2
3/4	1,337.85	3/4	1,074.49	3/4	811.88	3/4	553.78	3/4	290.43	3/4	29.35	3/4	3/4		3/4		3/4		3/4
1	1,332.36	1	1,069.00	1	806.54	1	548.29	1	284.94	1	24.38	1	1		1		1		1
1/4	1,326.88	1/4	1,063.52	1/4	801.20	1/4	542.80	1/4	279.46	1/4	20.73	1/4	1/4		1/4		1/4		1/4
1/2	1,321.39	1/2	1,058.03	1/2	795.87	1/2	537.32	1/2	273.97	1/2	17.08	1/2	1/2		1/2		1/2		1/2
3/4	1,315.90	3/4	1,052.55	3/4	790.53	3/4	531.83	3/4	268.48	3/4	13.42	3/4	3/4		3/4		3/4		3/4
2	1,310.42	2	1,047.06	2	785.19	2	526.35	2	263.00	2	9.77	2	2		2		2		2
1/4	1,304.93	1/4	1,041.57	1/4	779.86	1/4	520.86	1/4	257.51	1/4	7.94	1/4	1/4		1/4		1/4		1/4
1/2	1,299.44	1/2	1,036.09	1/2	774.52	1/2	515.37	1/2	252.03	1/2	6.11	1/2	1/2		1/2		1/2		1/2
3/4	1,293.96	3/4	1,030.60	3/4	769.18	3/4	509.89	3/4	246.54	3/4	4.28	3/4	3/4		3/4		3/4		3/4
3	1,288.47	3	1,025.11	3	763.85	3	504.40	3	241.05	3	2.45	3	3		3		3		3
1/4	1,282.98	1/4	1,019.63	1/4	758.51	1/4	498.91	1/4	235.57	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,277.50	1/2	1,014.14	1/2	753.17	1/2	493.43	1/2	230.08	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,272.01	3/4	1,008.65	3/4	747.84	3/4	487.94	3/4	224.59	3/4		3/4	3/4		3/4		3/4		3/4
4	1,266.52	4	1,003.17	4	742.50	4	482.45	4	219.11	4	4	4	4		4		4		4
1/4	1,261.04	1/4	997.68	1/4	737.16	1/4	476.97	1/4	213.62	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,255.55	1/2	992.19	1/2	731.83	1/2	471.48	1/2	208.13	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,250.06	3/4	986.71	3/4	726.49	3/4	465.99	3/4	202.65	3/4		3/4	3/4		3/4		3/4		3/4
5	1,244.58	5	981.22	5	721.16	5	460.51	5	197.16	5	5	5	5		5		5		5
1/4	1,239.09	1/4	975.73	1/4	715.82	1/4	455.02	1/4	191.68	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,233.60	1/2	970.25	1/2	710.48	1/2	449.54	1/2	186.19	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,228.12	3/4	964.76	3/4	705.15	3/4	444.05	3/4	180.70	3/4		3/4	3/4		3/4		3/4		3/4
6	1,222.63	6	959.27	6	699.81	6	438.56	6	175.22	6	6	6	6		6		6		6
1/4	1,217.14	1/4	953.79	1/4	694.47	1/4	433.08	1/4	169.73	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,211.66	1/2	948.30	1/2	689.14	1/2	427.59	1/2	164.25	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,206.17	3/4	942.81	3/4	683.80	3/4	422.10	3/4	158.76	3/4		3/4	3/4		3/4		3/4		3/4
7	1,200.68	7	937.33	7	678.46	7	416.62	7	153.27	7	7	7	7		7		7		7
1/4	1,195.20	1/4	931.84	1/4	673.13	1/4	411.13	1/4	147.79	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,189.71	1/2	926.35	1/2	667.79	1/2	405.64	1/2	142.31	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,184.22	3/4	920.87	3/4	662.46	3/4	400.16	3/4	136.83	3/4		3/4	3/4		3/4		3/4		3/4
8	1,178.74	8	915.38	8	657.12	8	394.67	8	131.34	8	8	8	8		8		8		8
1/4	1,173.25	1/4	909.89	1/4	651.78	1/4	389.19	1/4	125.87	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,167.76	1/2	904.41	1/2	646.45	1/2	383.70	1/2	120.39	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,162.28	3/4	898.92	3/4	641.11	3/4	378.21	3/4	114.92	3/4		3/4	3/4		3/4		3/4		3/4
9	1,156.79	9	893.43	9	635.77	9	372.73	9	109.44	9	9	9	9		9		9		9
1/4	1,151.30	1/4	887.95	1/4	630.36	1/4	367.24	1/4	103.98	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,145.82	1/2	882.46	1/2	624.95	1/2	361.75	1/2	98.52	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,140.33	3/4	876.97	3/4	619.54	3/4	356.27	3/4	93.06	3/4		3/4	3/4		3/4		3/4		3/4
10	1,134.84	10	871.49	10	614.13	10	350.78	10	87.60	10	10	10	10		10		10		10
1/4	1,129.36	1/4	866.00	1/4	608.64	1/4	345.29	1/4	82.16	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,123.87	1/2	860.51	1/2	603.15	1/2	339.81	1/2	76.72	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,118.38	3/4	855.03	3/4	597.67	3/4	334.32	3/4	71.29	3/4		3/4	3/4		3/4		3/4		3/4
11	1,112.90	11	849.54	11	592.18	11	328.83	11	65.85	11	11	11	11		11		11		11
1/4	1,107.41	1/4	844.13	1/4	586.70	1/4	323.35	1/4	60.45	1/4		1/4	1/4		1/4		1/4		1/4
1/2	1,101.92	1/2	838.72	1/2	581.21	1/2	317.86	1/2	55.05	1/2		1/2	1/2		1/2		1/2		1/2
3/4	1,096.44	3/4	833.30	3/4	575.72	3/4	312.38	3/4	49.66	3/4		3/4	3/4		3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2017 CL
CALCULATED: 06/14/2017 CL
PRINTED: 06/14/2017 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 1087"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,433.74	0	3,172.48	0	2,911.21	0	2,649.95	0	2,388.68	0	2,127.42	0	1,866.16	0	1,604.89		
1/4	1/4	1/4	3,428.30	1/4	3,167.03	1/4	2,905.77	1/4	2,644.50	1/4	2,383.24	1/4	2,121.98	1/4	1,861.71	1/4	1,599.45		
1/2	1/2	1/2	3,422.85	1/2	3,161.59	1/2	2,900.33	1/2	2,639.06	1/2	2,377.80	1/2	2,116.53	1/2	1,855.27	1/2	1,594.01		
3/4	3/4	3/4	3,659.14	3/4	3,417.41	3/4	3,156.15	3/4	2,894.88	3/4	2,633.62	3/4	2,372.35	3/4	2,111.09	3/4	1,849.83	3/4	1,588.56
1	1	1	3,656.87	1	3,411.97	1	3,150.70	1	2,889.44	1	2,628.18	1	2,366.91	1	2,105.65	1	1,844.38	1	1,583.12
1/4	1/4	1/4	3,654.60	1/4	3,406.52	1/4	3,145.26	1/4	2,884.00	1/4	2,622.73	1/4	2,361.47	1/4	2,100.20	1/4	1,838.94	1/4	1,577.68
1/2	1/2	1/2	3,652.33	1/2	3,401.08	1/2	3,139.82	1/2	2,878.55	1/2	2,617.29	1/2	2,356.03	1/2	2,094.76	1/2	1,833.50	1/2	1,572.23
3/4	3/4	3/4	3,650.06	3/4	3,395.64	3/4	3,134.37	3/4	2,873.11	3/4	2,611.85	3/4	2,350.58	3/4	2,089.32	3/4	1,828.05	3/4	1,566.79
2	2	2	3,646.02	2	3,390.20	2	3,128.93	2	2,867.67	2	2,606.40	2	2,345.14	2	2,083.88	2	1,822.61	2	1,561.35
1/4	1/4	1/4	3,641.97	1/4	3,384.75	1/4	3,123.49	1/4	2,862.22	1/4	2,600.96	1/4	2,339.70	1/4	2,078.43	1/4	1,817.17	1/4	1,555.90
1/2	1/2	1/2	3,637.93	1/2	3,379.31	1/2	3,118.05	1/2	2,856.78	1/2	2,595.52	1/2	2,334.25	1/2	2,072.99	1/2	1,811.73	1/2	1,550.46
3/4	3/4	3/4	3,633.89	3/4	3,373.87	3/4	3,112.60	3/4	2,851.34	3/4	2,590.07	3/4	2,328.81	3/4	2,067.55	3/4	1,806.28	3/4	1,545.02
3	3	3	3,628.72	3	3,368.42	3	3,107.16	3	2,845.90	3	2,584.63	3	2,323.37	3	2,062.10	3	1,800.84	3	1,539.58
1/4	1/4	1/4	3,623.56	1/4	3,362.98	1/4	3,101.72	1/4	2,840.45	1/4	2,579.19	1/4	2,317.92	1/4	2,056.66	1/4	1,795.40	1/4	1,534.13
1/2	1/2	1/2	3,618.40	1/2	3,357.54	1/2	3,096.27	1/2	2,835.01	1/2	2,573.75	1/2	2,312.48	1/2	2,051.22	1/2	1,789.95	1/2	1,528.69
3/4	3/4	3/4	3,613.24	3/4	3,352.09	3/4	3,090.83	3/4	2,829.57	3/4	2,568.30	3/4	2,307.04	3/4	2,045.77	3/4	1,784.51	3/4	1,523.25
4	4	4	3,607.81	4	3,346.65	4	3,085.39	4	2,824.12	4	2,562.86	4	2,301.60	4	2,040.33	4	1,779.07	4	1,517.80
1/4	1/4	1/4	3,602.39	1/4	3,341.21	1/4	3,079.94	1/4	2,818.68	1/4	2,557.42	1/4	2,296.15	1/4	2,034.89	1/4	1,773.62	1/4	1,512.36
1/2	1/2	1/2	3,596.97	1/2	3,335.77	1/2	3,074.50	1/2	2,813.24	1/2	2,551.97	1/2	2,290.71	1/2	2,029.45	1/2	1,768.18	1/2	1,506.92
3/4	3/4	3/4	3,591.55	3/4	3,330.32	3/4	3,069.06	3/4	2,807.79	3/4	2,546.53	3/4	2,285.27	3/4	2,024.00	3/4	1,762.74	3/4	1,501.47
5	5	5	3,586.11	5	3,324.88	5	3,063.62	5	2,802.35	5	2,541.09	5	2,279.82	5	2,018.56	5	1,757.30	5	1,496.03
1/4	1/4	1/4	3,580.67	1/4	3,319.44	1/4	3,058.17	1/4	2,796.91	1/4	2,535.64	1/4	2,274.38	1/4	2,013.12	1/4	1,751.85	1/4	1,490.59
1/2	1/2	1/2	3,575.23	1/2	3,313.99	1/2	3,052.73	1/2	2,791.47	1/2	2,530.20	1/2	2,268.94	1/2	2,007.67	1/2	1,746.41	1/2	1,485.15
3/4	3/4	3/4	3,569.79	3/4	3,308.55	3/4	3,047.29	3/4	2,786.02	3/4	2,524.76	3/4	2,263.49	3/4	2,002.23	3/4	1,740.97	3/4	1,479.70
6	6	6	3,564.36	6	3,303.11	6	3,041.84	6	2,780.58	6	2,519.32	6	2,258.05	6	1,996.79	6	1,735.52	6	1,474.26
1/4	1/4	1/4	3,558.92	1/4	3,297.66	1/4	3,036.40	1/4	2,775.14	1/4	2,513.87	1/4	2,252.61	1/4	1,991.34	1/4	1,730.08	1/4	1,468.82
1/2	1/2	1/2	3,553.48	1/2	3,292.22	1/2	3,030.96	1/2	2,769.69	1/2	2,508.43	1/2	2,247.17	1/2	1,985.90	1/2	1,724.64	1/2	1,463.37
3/4	3/4	3/4	3,548.04	3/4	3,286.78	3/4	3,025.51	3/4	2,764.25	3/4	2,502.99	3/4	2,241.72	3/4	1,980.46	3/4	1,719.19	3/4	1,457.93
7	7	7	3,542.60	7	3,281.34	7	3,020.07	7	2,758.81	7	2,497.54	7	2,236.28	7	1,975.02	7	1,713.75	7	1,452.49
1/4	1/4	1/4	3,537.16	1/4	3,275.89	1/4	3,014.63	1/4	2,753.36	1/4	2,492.10	1/4	2,230.84	1/4	1,969.57	1/4	1,708.31	1/4	1,447.04
1/2	1/2	1/2	3,531.71	1/2	3,270.45	1/2	3,009.19	1/2	2,747.92	1/2	2,486.66	1/2	2,225.39	1/2	1,964.13	1/2	1,702.87	1/2	1,441.60
3/4	3/4	3/4	3,526.27	3/4	3,265.01	3/4	3,003.74	3/4	2,742.48	3/4	2,481.21	3/4	2,219.95	3/4	1,958.69	3/4	1,697.42	3/4	1,436.16
8	8	8	3,520.83	8	3,259.56	8	2,998.30	8	2,737.04	8	2,475.77	8	2,214.51	8	1,953.24	8	1,691.98	8	1,430.72
1/4	1/4	1/4	3,515.39	1/4	3,254.12	1/4	2,992.86	1/4	2,731.59	1/4	2,470.33	1/4	2,209.06	1/4	1,947.80	1/4	1,686.54	1/4	1,425.27
1/2	1/2	1/2	3,509.94	1/2	3,248.68	1/2	2,987.41	1/2	2,726.15	1/2	2,464.89	1/2	2,203.62	1/2	1,942.36	1/2	1,681.09	1/2	1,419.83
3/4	3/4	3/4	3,504.50	3/4	3,243.23	3/4	2,981.97	3/4	2,720.71	3/4	2,459.44	3/4	2,198.18	3/4	1,936.91	3/4	1,675.65	3/4	1,414.39
9	9	9	3,499.06	9	3,237.79	9	2,976.53	9	2,715.26	9	2,454.00	9	2,192.74	9	1,931.47	9	1,670.21	9	1,408.94
1/4	1/4	1/4	3,493.61	1/4	3,232.35	1/4	2,971.08	1/4	2,709.82	1/4	2,448.56	1/4	2,187.29	1/4	1,926.03	1/4	1,664.76	1/4	1,403.50
1/2	1/2	1/2	3,488.17	1/2	3,226.91	1/2	2,965.64	1/2	2,704.38	1/2	2,443.11	1/2	2,181.85	1/2	1,920.59	1/2	1,659.32	1/2	1,398.06
3/4	3/4	3/4	3,482.73	3/4	3,221.46	3/4	2,960.20	3/4	2,698.93	3/4	2,437.67	3/4	2,176.41	3/4	1,915.14	3/4	1,653.88	3/4	1,392.61
10	10	10	3,477.28	10	3,216.02	10	2,954.76	10	2,693.49	10	2,432.23	10	2,170.96	10	1,909.70	10	1,648.44	10	1,387.17
1/4	1/4	1/4	3,471.84	1/4	3,210.58	1/4	2,949.31	1/4	2,688.05	1/4	2,426.78	1/4	2,165.52	1/4	1,904.26	1/4	1,642.99	1/4	1,381.73
1/2	1/2	1/2	3,466.40	1/2	3,205.13	1/2	2,943.87	1/2	2,682.61	1/2	2,421.34	1/2	2,160.08	1/2	1,898.81	1/2	1,637.55	1/2	1,376.29
3/4	3/4	3/4	3,460.96	3/4	3,199.69	3/4	2,938.43	3/4	2,677.16	3/4	2,415.90	3/4	2,154.63	3/4	1,893.37	3/4	1,632.11	3/4	1,370.84
11	11	11	3,455.51	11	3,194.25	11	2,932.98	11	2,671.72	11	2,410.46	11	2,149.19	11	1,887.93	11	1,626.66	11	1,365.40
1/4	1/4	1/4	3,450.07	1/4	3,188.80	1/4	2,927.54	1/4	2,666.28	1/4	2,405.01	1/4	2,143.75	1/4	1,882.48	1/4	1,621.22	1/4	1,359.96
1/2	1/2	1/2	3,444.63	1/2	3,183.36	1/2	2,922.10	1/2	2,660.83	1/2	2,399.57	1/2	2,138.31	1/2	1,877.04	1/2	1,615.78	1/2	1,354.51
3/4	3/4	3/4	3,439.18	3/4	3,177.92	3/4	2,916.65	3/4	2,655.39	3/4	2,394.13	3/4	2,132.86	3/4	1,871.60	3/4	1,610.33	3/4	1,349.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO 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 1087"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,343.63	0	1,082.36	0	821.13	0	560.26	0	299.01	0	38.98	0		0				0	
1/4	1,338.18	1/4	1,076.92	1/4	815.69	1/4	554.82	1/4	293.57	1/4	34.05	1/4		1/4				1/4	
1/2	1,332.74	1/2	1,071.48	1/2	810.26	1/2	549.37	1/2	288.12	1/2	29.12	1/2		1/2				1/2	
3/4	1,327.30	3/4	1,066.03	3/4	804.83	3/4	543.93	3/4	282.68	3/4	24.19	3/4		3/4				3/4	
1	1,321.86	1	1,060.59	1	799.39	1	538.49	1	277.24	1	20.57	1		1				1	
1/4	1,316.41	1/4	1,055.15	1/4	793.96	1/4	533.05	1/4	271.80	1/4	16.95	1/4		1/4				1/4	
1/2	1,310.97	1/2	1,049.71	1/2	788.53	1/2	527.60	1/2	266.35	1/2	13.32	1/2		1/2				1/2	
3/4	1,305.53	3/4	1,044.26	3/4	783.09	3/4	522.16	3/4	260.91	3/4	9.70	3/4		3/4				3/4	
2	1,300.08	2	1,038.82	2	777.66	2	516.72	2	255.47	2	7.88	2		2				2	
1/4	1,294.64	1/4	1,033.38	1/4	772.23	1/4	511.27	1/4	250.03	1/4	6.07	1/4		1/4				1/4	
1/2	1,289.20	1/2	1,027.93	1/2	766.80	1/2	505.83	1/2	244.58	1/2	4.25	1/2		1/2				1/2	
3/4	1,283.75	3/4	1,022.49	3/4	761.37	3/4	500.39	3/4	239.14	3/4	2.44	3/4		3/4				3/4	
3	1,278.31	3	1,017.05	3	755.93	3	494.95	3	233.70	3		3		3				3	
1/4	1,272.87	1/4	1,011.60	1/4	750.50	1/4	489.50	1/4	228.25	1/4		1/4		1/4				1/4	
1/2	1,267.43	1/2	1,006.16	1/2	745.07	1/2	484.06	1/2	222.81	1/2		1/2		1/2				1/2	
3/4	1,261.98	3/4	1,000.72	3/4	739.64	3/4	478.62	3/4	217.37	3/4		3/4		3/4				3/4	
4	1,256.54	4	995.28	4	734.21	4	473.18	4	211.93	4		4		4				4	
1/4	1,251.10	1/4	989.83	1/4	728.77	1/4	467.73	1/4	206.48	1/4		1/4		1/4				1/4	
1/2	1,245.65	1/2	984.39	1/2	723.34	1/2	462.29	1/2	201.04	1/2		1/2		1/2				1/2	
3/4	1,240.21	3/4	978.95	3/4	717.91	3/4	456.85	3/4	195.60	3/4		3/4		3/4				3/4	
5	1,234.77	5	973.50	5	712.48	5	451.41	5	190.16	5		5		5				5	
1/4	1,229.32	1/4	968.06	1/4	707.05	1/4	445.96	1/4	184.71	1/4		1/4		1/4				1/4	
1/2	1,223.88	1/2	962.62	1/2	701.61	1/2	440.52	1/2	179.27	1/2		1/2		1/2				1/2	
3/4	1,218.44	3/4	957.17	3/4	696.18	3/4	435.08	3/4	173.83	3/4		3/4		3/4				3/4	
6	1,213.00	6	951.73	6	690.75	6	429.63	6	168.39	6		6		6				6	
1/4	1,207.55	1/4	946.29	1/4	685.32	1/4	424.19	1/4	162.94	1/4		1/4		1/4				1/4	
1/2	1,202.11	1/2	940.85	1/2	679.89	1/2	418.75	1/2	157.50	1/2		1/2		1/2				1/2	
3/4	1,196.67	3/4	935.40	3/4	674.45	3/4	413.31	3/4	152.06	3/4		3/4		3/4				3/4	
7	1,191.22	7	929.96	7	669.02	7	407.86	7	146.62	7		7		7				7	
1/4	1,185.78	1/4	924.52	1/4	663.59	1/4	402.42	1/4	141.18	1/4		1/4		1/4				1/4	
1/2	1,180.34	1/2	919.07	1/2	658.16	1/2	396.98	1/2	135.74	1/2		1/2		1/2				1/2	
3/4	1,174.89	3/4	913.63	3/4	652.72	3/4	391.54	3/4	130.30	3/4		3/4		3/4				3/4	
8	1,169.45	8	908.19	8	647.29	8	386.09	8	124.87	8		8		8				8	
1/4	1,164.01	1/4	902.74	1/4	641.86	1/4	380.65	1/4	119.44	1/4		1/4		1/4				1/4	
1/2	1,158.57	1/2	897.30	1/2	636.43	1/2	375.21	1/2	114.01	1/2		1/2		1/2				1/2	
3/4	1,153.12	3/4	891.86	3/4	631.00	3/4	369.76	3/4	108.58	3/4		3/4		3/4				3/4	
9	1,147.68	9	886.42	9	625.56	9	364.32	9	103.16	9		9		9				9	
1/4	1,142.24	1/4	880.97	1/4	620.12	1/4	358.88	1/4	97.74	1/4		1/4		1/4				1/4	
1/2	1,136.79	1/2	875.53	1/2	614.68	1/2	353.44	1/2	92.32	1/2		1/2		1/2				1/2	
3/4	1,131.35	3/4	870.09	3/4	609.24	3/4	347.99	3/4	86.91	3/4		3/4		3/4				3/4	
10	1,125.91	10	864.64	10	603.80	10	342.55	10	81.51	10		10		10				10	
1/4	1,120.46	1/4	859.20	1/4	598.36	1/4	337.11	1/4	76.12	1/4		1/4		1/4				1/4	
1/2	1,115.02	1/2	853.76	1/2	592.92	1/2	331.67	1/2	70.73	1/2		1/2		1/2				1/2	
3/4	1,109.58	3/4	848.31	3/4	587.47	3/4	326.22	3/4	65.33	3/4		3/4		3/4				3/4	
11	1,104.14	11	842.88	11	582.03	11	320.78	11	59.98	11		11		11				11	
1/4	1,098.69	1/4	837.44	1/4	576.59	1/4	315.34	1/4	54.62	1/4		1/4		1/4				1/4	
1/2	1,093.25	1/2	832.00	1/2	571.14	1/2	309.89	1/2	49.27	1/2		1/2		1/2				1/2	
3/4	1,087.81	3/4	826.56	3/4	565.70	3/4	304.45	3/4	43.91	3/4		3/4		3/4				3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2017 CL
CALCULATED: 06/14/2017 CL
PRINTED: 06/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

PRECISION MEASUREMENT
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