



BARGE "IB 1087"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

June 14, 2017

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

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BARGE "IB 1087"

1 CENTER INNAGE 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	6.11	0	275.53	0	572.51	0	865.54	0	1,160.29	0	1,457.09	0	1,753.52	0	2,050.49	0	2,347.46	0	2,644.42
1/4	8.17	1/4	281.71	1/4	578.70	1/4	871.58	1/4	1,166.47	1/4	1,463.27	1/4	1,759.71	1/4	2,056.68	1/4	2,353.64	1/4	2,650.60
1/2	10.24	1/2	287.90	1/2	584.89	1/2	877.61	1/2	1,172.66	1/2	1,469.44	1/2	1,765.90	1/2	2,062.87	1/2	2,359.83	1/2	2,656.79
3/4	12.30	3/4	294.09	3/4	591.07	3/4	883.65	3/4	1,178.84	3/4	1,475.61	3/4	1,772.08	3/4	2,069.05	3/4	2,366.02	3/4	2,662.98
1	14.37	1	300.28	1	597.26	1	889.68	1	1,185.03	1	1,481.78	1	1,778.27	1	2,075.24	1	2,372.20	1	2,669.17
1/4	18.50	1/4	306.46	1/4	603.45	1/4	895.72	1/4	1,191.21	1/4	1,487.96	1/4	1,784.46	1/4	2,081.43	1/4	2,378.39	1/4	2,675.35
1/2	22.63	1/2	312.65	1/2	609.63	1/2	901.75	1/2	1,197.39	1/2	1,494.13	1/2	1,790.64	1/2	2,087.62	1/2	2,384.58	1/2	2,681.54
3/4	26.76	3/4	318.84	3/4	615.82	3/4	907.79	3/4	1,203.58	3/4	1,500.30	3/4	1,796.83	3/4	2,093.80	3/4	2,390.76	3/4	2,687.73
2	30.88	2	325.03	2	622.01	2	913.83	2	1,209.76	2	1,506.48	2	1,803.02	2	2,099.99	2	2,396.95	2	2,693.91
1/4	36.50	1/4	331.21	1/4	628.20	1/4	919.86	1/4	1,215.95	1/4	1,512.65	1/4	1,809.20	1/4	2,106.18	1/4	2,403.14	1/4	2,700.10
1/2	42.11	1/2	337.40	1/2	634.38	1/2	925.90	1/2	1,222.13	1/2	1,518.82	1/2	1,815.39	1/2	2,112.36	1/2	2,409.32	1/2	2,706.29
3/4	47.73	3/4	343.59	3/4	640.57	3/4	931.93	3/4	1,228.31	3/4	1,524.99	3/4	1,821.58	3/4	2,118.55	3/4	2,415.51	3/4	2,712.47
3	53.34	3	349.78	3	646.76	3	937.97	3	1,234.50	3	1,531.17	3	1,827.77	3	2,124.74	3	2,421.69	3	2,718.66
1/4	59.44	1/4	355.96	1/4	652.94	1/4	944.08	1/4	1,240.68	1/4	1,537.34	1/4	1,833.95	1/4	2,130.92	1/4	2,427.88	1/4	2,724.85
1/2	65.54	1/2	362.15	1/2	659.13	1/2	950.19	1/2	1,246.86	1/2	1,543.51	1/2	1,840.14	1/2	2,137.11	1/2	2,434.07	1/2	2,731.03
3/4	71.64	3/4	368.34	3/4	665.32	3/4	956.30	3/4	1,253.05	3/4	1,549.68	3/4	1,846.33	3/4	2,143.30	3/4	2,440.25	3/4	2,737.22
4	77.74	4	374.52	4	671.50	4	962.41	4	1,259.23	4	1,555.86	4	1,852.51	4	2,149.48	4	2,446.44	4	2,743.41
1/4	83.88	1/4	380.71	1/4	677.69	1/4	968.59	1/4	1,265.42	1/4	1,562.03	1/4	1,858.70	1/4	2,155.67	1/4	2,452.63	1/4	2,749.60
1/2	90.02	1/2	386.90	1/2	683.88	1/2	974.78	1/2	1,271.60	1/2	1,568.20	1/2	1,864.89	1/2	2,161.86	1/2	2,458.81	1/2	2,755.78
3/4	96.17	3/4	393.09	3/4	690.07	3/4	980.96	3/4	1,277.78	3/4	1,574.37	3/4	1,871.07	3/4	2,168.05	3/4	2,465.00	3/4	2,761.97
5	102.31	5	399.27	5	696.25	5	987.14	5	1,283.97	5	1,580.55	5	1,877.26	5	2,174.23	5	2,471.18	5	2,768.16
1/4	108.48	1/4	405.46	1/4	702.36	1/4	993.33	1/4	1,290.15	1/4	1,586.72	1/4	1,883.45	1/4	2,180.42	1/4	2,477.37	1/4	2,774.34
1/2	114.65	1/2	411.65	1/2	708.48	1/2	999.51	1/2	1,296.33	1/2	1,592.89	1/2	1,889.63	1/2	2,186.61	1/2	2,483.56	1/2	2,780.53
3/4	120.82	3/4	417.83	3/4	714.59	3/4	1,005.70	3/4	1,302.52	3/4	1,599.06	3/4	1,895.82	3/4	2,192.79	3/4	2,489.75	3/4	2,786.72
6	126.99	6	424.02	6	720.70	6	1,011.88	6	1,308.70	6	1,605.24	6	1,902.01	6	2,198.98	6	2,495.93	6	2,792.90
1/4	133.17	1/4	430.21	1/4	726.73	1/4	1,018.06	1/4	1,314.89	1/4	1,611.41	1/4	1,908.20	1/4	2,205.17	1/4	2,502.12	1/4	2,799.09
1/2	139.36	1/2	436.40	1/2	732.77	1/2	1,024.25	1/2	1,321.07	1/2	1,617.58	1/2	1,914.38	1/2	2,211.35	1/2	2,508.31	1/2	2,805.28
3/4	145.54	3/4	442.58	3/4	738.80	3/4	1,030.43	3/4	1,327.25	3/4	1,623.75	3/4	1,920.57	3/4	2,217.54	3/4	2,514.49	3/4	2,811.46
7	151.73	7	448.77	7	744.84	7	1,036.61	7	1,333.44	7	1,629.93	7	1,926.76	7	2,223.73	7	2,520.68	7	2,817.65
1/4	157.91	1/4	454.96	1/4	750.88	1/4	1,042.80	1/4	1,339.62	1/4	1,636.10	1/4	1,932.94	1/4	2,229.91	1/4	2,526.87	1/4	2,823.84
1/2	164.10	1/2	461.14	1/2	756.91	1/2	1,048.98	1/2	1,345.80	1/2	1,642.27	1/2	1,939.13	1/2	2,236.10	1/2	2,533.05	1/2	2,830.03
3/4	170.29	3/4	467.33	3/4	762.95	3/4	1,055.17	3/4	1,351.99	3/4	1,648.45	3/4	1,945.32	3/4	2,242.29	3/4	2,539.24	3/4	2,836.21
8	176.48	8	473.52	8	768.98	8	1,061.35	8	1,358.17	8	1,654.62	8	1,951.50	8	2,248.47	8	2,545.43	8	2,842.40
1/4	182.67	1/4	479.70	1/4	775.02	1/4	1,067.53	1/4	1,364.36	1/4	1,660.79	1/4	1,957.69	1/4	2,254.66	1/4	2,551.61	1/4	2,848.59
1/2	188.86	1/2	485.89	1/2	781.05	1/2	1,073.72	1/2	1,370.54	1/2	1,666.96	1/2	1,963.88	1/2	2,260.85	1/2	2,557.80	1/2	2,854.77
3/4	195.05	3/4	492.08	3/4	787.09	3/4	1,079.90	3/4	1,376.72	3/4	1,673.14	3/4	1,970.06	3/4	2,267.04	3/4	2,563.99	3/4	2,860.96
9	201.24	9	498.27	9	793.12	9	1,086.09	9	1,382.91	9	1,679.31	9	1,976.25	9	2,273.22	9	2,570.18	9	2,867.15
1/4	207.44	1/4	504.45	1/4	799.16	1/4	1,092.27	1/4	1,389.09	1/4	1,685.49	1/4	1,982.44	1/4	2,279.41	1/4	2,576.36	1/4	2,872.88
1/2	213.63	1/2	510.64	1/2	805.19	1/2	1,098.45	1/2	1,395.28	1/2	1,691.67	1/2	1,988.63	1/2	2,285.60	1/2	2,582.55	1/2	2,878.61
3/4	219.82	3/4	516.83	3/4	811.23	3/4	1,104.64	3/4	1,401.46	3/4	1,697.85	3/4	1,994.81	3/4	2,291.78	3/4	2,588.74	3/4	2,884.35
10	226.02	10	523.01	10	817.26	10	1,110.82	10	1,407.64	10	1,704.03	10	2,001.00	10	2,297.97	10	2,594.92	10	2,890.08
1/4	232.21	1/4	529.20	1/4	823.30	1/4	1,117.00	1/4	1,413.83	1/4	1,710.21	1/4	2,007.19	1/4	2,304.15	1/4	2,601.11	1/4	2,895.37
1/2	238.40	1/2	535.39	1/2	829.33	1/2	1,123.19	1/2	1,420.01	1/2	1,716.40	1/2	2,013.37	1/2	2,310.34	1/2	2,607.30	1/2	2,900.65
3/4	244.59	3/4	541.58	3/4	835.37	3/4	1,129.37	3/4	1,426.19	3/4	1,722.59	3/4	2,019.56	3/4	2,316.53	3/4	2,613.48	3/4	2,905.94
11	250.78	11	547.76	11	841.40	11	1,135.56	11	1,432.38	11	1,728.78	11	2,025.75	11	2,322.71	11	2,619.67	11	2,911.23
1/4	256.97	1/4	553.95	1/4	847.44	1/4	1,141.74	1/4	1,438.56	1/4	1,734.96	1/4	2,031.93	1/4	2,328.90	1/4	2,625.86	1/4	2,916.52
1/2	263.15	1/2	560.14	1/2	853.47	1/2	1,147.92	1/2	1,444.74	1/2	1,741.15	1/2	2,038.12	1/2	2,335.09	1/2	2,632.04	1/2	2,921.81
3/4	269.34	3/4	566.32	3/4	859.51	3/4	1,154.11	3/4	1,450.92	3/4	1,747.34	3/4	2,044.31	3/4	2,341.27	3/4	2,638.23	3/4	2,927.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1087"

1 CENTER INNAGE 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	2,932.39	0	3,186.40	0	3,440.41	0	3,694.43	0	3,947.05	0		0		0		0		0	
1/4	2,937.68	1/4	3,191.70	1/4	3,445.71	1/4	3,699.72	1/4	3,950.75	1/4		1/4		1/4		1/4		1/4	
1/2	2,942.98	1/2	3,196.99	1/2	3,451.00	1/2	3,705.01	1/2	3,954.45	1/2		1/2		1/2		1/2		1/2	
3/4	2,948.27	3/4	3,202.28	3/4	3,456.29	3/4	3,710.30	3/4	3,958.15	3/4		3/4		3/4		3/4		3/4	
1	2,953.56	1	3,207.57	1	3,461.58	1	3,715.59	1	3,961.85	1		1		1		1		1	
1/4	2,958.85	1/4	3,212.86	1/4	3,466.87	1/4	3,720.89	1/4	3,963.98	1/4		1/4		1/4		1/4		1/4	
1/2	2,964.14	1/2	3,218.16	1/2	3,472.17	1/2	3,726.18	1/2	3,966.11	1/2		1/2		1/2		1/2		1/2	
3/4	2,969.44	3/4	3,223.45	3/4	3,477.46	3/4	3,731.47	3/4	3,968.24	3/4		3/4		3/4		3/4		3/4	
2	2,974.73	2	3,228.74	2	3,482.75	2	3,736.76	2	3,970.37	2		2		2		2		2	
1/4	2,980.02	1/4	3,234.03	1/4	3,488.04	1/4	3,742.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,985.31	1/2	3,239.32	1/2	3,493.33	1/2	3,747.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,990.60	3/4	3,244.61	3/4	3,498.63	3/4	3,752.64	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,995.90	3	3,249.91	3	3,503.92	3	3,757.93	3		3		3		3		3		3	
1/4	3,001.19	1/4	3,255.20	1/4	3,509.21	1/4	3,763.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,006.48	1/2	3,260.49	1/2	3,514.50	1/2	3,768.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,011.77	3/4	3,265.78	3/4	3,519.79	3/4	3,773.80	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,017.06	4	3,271.07	4	3,525.09	4	3,779.10	4		4		4		4		4		4	
1/4	3,022.35	1/4	3,276.37	1/4	3,530.38	1/4	3,784.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,027.65	1/2	3,281.66	1/2	3,535.67	1/2	3,789.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,032.94	3/4	3,286.95	3/4	3,540.96	3/4	3,794.97	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,038.23	5	3,292.24	5	3,546.25	5	3,800.26	5		5		5		5		5		5	
1/4	3,043.52	1/4	3,297.53	1/4	3,551.54	1/4	3,805.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,048.81	1/2	3,302.83	1/2	3,556.84	1/2	3,810.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,054.11	3/4	3,308.12	3/4	3,562.13	3/4	3,816.14	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,059.40	6	3,313.41	6	3,567.42	6	3,821.43	6		6		6		6		6		6	
1/4	3,064.69	1/4	3,318.70	1/4	3,572.71	1/4	3,826.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,069.98	1/2	3,323.99	1/2	3,578.00	1/2	3,832.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,075.27	3/4	3,329.28	3/4	3,583.30	3/4	3,837.31	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,080.57	7	3,334.58	7	3,588.59	7	3,842.60	7		7		7		7		7		7	
1/4	3,085.86	1/4	3,339.87	1/4	3,593.88	1/4	3,847.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,091.15	1/2	3,345.16	1/2	3,599.17	1/2	3,853.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,096.44	3/4	3,350.45	3/4	3,604.46	3/4	3,858.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,101.73	8	3,355.74	8	3,609.76	8	3,863.77	8		8		8		8		8		8	
1/4	3,107.03	1/4	3,361.04	1/4	3,615.05	1/4	3,869.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,112.32	1/2	3,366.33	1/2	3,620.34	1/2	3,874.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,117.61	3/4	3,371.62	3/4	3,625.63	3/4	3,879.65	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,122.90	9	3,376.91	9	3,630.92	9	3,884.94	9		9		9		9		9		9	
1/4	3,128.19	1/4	3,382.20	1/4	3,636.22	1/4	3,890.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,133.48	1/2	3,387.50	1/2	3,641.51	1/2	3,895.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,138.78	3/4	3,392.79	3/4	3,646.80	3/4	3,900.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,144.07	10	3,398.08	10	3,652.09	10	3,906.09	10		10		10		10		10		10	
1/4	3,149.36	1/4	3,403.37	1/4	3,657.38	1/4	3,911.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,154.65	1/2	3,408.66	1/2	3,662.67	1/2	3,916.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,159.94	3/4	3,413.96	3/4	3,667.97	3/4	3,921.89	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,165.24	11	3,419.25	11	3,673.26	11	3,927.16	11		11		11		11		11		11	
1/4	3,170.53	1/4	3,424.54	1/4	3,678.55	1/4	3,932.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,175.82	1/2	3,429.83	1/2	3,683.84	1/2	3,937.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,181.11	3/4	3,435.12	3/4	3,689.13	3/4	3,942.08	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.
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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1087"

2 CENTER INNAGE 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	2.45	0	241.05	0	504.40	0	763.85	0	1,025.11	0	1,288.47	0	1,551.83	0	1,815.18	0	2,078.54	0	2,341.90
1/4	4.28	1/4	246.54	1/4	509.89	1/4	769.18	1/4	1,030.60	1/4	1,293.96	1/4	1,557.31	1/4	1,820.67	1/4	2,084.03	1/4	2,347.38
1/2	6.11	1/2	252.03	1/2	515.37	1/2	774.52	1/2	1,036.09	1/2	1,299.44	1/2	1,562.80	1/2	1,826.16	1/2	2,089.51	1/2	2,352.87
3/4	7.94	3/4	257.51	3/4	520.86	3/4	779.86	3/4	1,041.57	3/4	1,304.93	3/4	1,568.29	3/4	1,831.64	3/4	2,095.00	3/4	2,358.36
1	9.77	1	263.00	1	526.35	1	785.19	1	1,047.06	1	1,310.42	1	1,573.77	1	1,837.13	1	2,100.49	1	2,363.84
1/4	13.42	1/4	268.48	1/4	531.83	1/4	790.53	1/4	1,052.55	1/4	1,315.90	1/4	1,579.26	1/4	1,842.62	1/4	2,105.97	1/4	2,369.33
1/2	17.08	1/2	273.97	1/2	537.32	1/2	795.87	1/2	1,058.03	1/2	1,321.39	1/2	1,584.75	1/2	1,848.10	1/2	2,111.46	1/2	2,374.82
3/4	20.73	3/4	279.46	3/4	542.80	3/4	801.20	3/4	1,063.52	3/4	1,326.88	3/4	1,590.23	3/4	1,853.59	3/4	2,116.95	3/4	2,380.30
2	24.38	2	284.94	2	548.29	2	806.54	2	1,069.01	2	1,332.36	2	1,595.72	2	1,859.08	2	2,122.43	2	2,385.79
1/4	29.35	1/4	290.43	1/4	553.78	1/4	811.88	1/4	1,074.49	1/4	1,337.85	1/4	1,601.21	1/4	1,864.56	1/4	2,127.92	1/4	2,391.28
1/2	34.32	1/2	295.92	1/2	559.26	1/2	817.22	1/2	1,079.98	1/2	1,343.34	1/2	1,606.69	1/2	1,870.05	1/2	2,133.41	1/2	2,396.76
3/4	39.29	3/4	301.40	3/4	564.75	3/4	822.55	3/4	1,085.46	3/4	1,348.82	3/4	1,612.18	3/4	1,875.54	3/4	2,138.89	3/4	2,402.25
3	44.26	3	306.89	3	570.24	3	827.89	3	1,090.95	3	1,354.31	3	1,617.66	3	1,881.02	3	2,144.38	3	2,407.74
1/4	49.66	1/4	312.38	1/4	575.72	1/4	833.30	1/4	1,096.44	1/4	1,359.79	1/4	1,623.15	1/4	1,886.51	1/4	2,149.87	1/4	2,413.22
1/2	55.05	1/2	317.86	1/2	581.21	1/2	838.72	1/2	1,101.92	1/2	1,365.28	1/2	1,628.64	1/2	1,891.99	1/2	2,155.35	1/2	2,418.71
3/4	60.45	3/4	323.35	3/4	586.70	3/4	844.13	3/4	1,107.41	3/4	1,370.77	3/4	1,634.12	3/4	1,897.48	3/4	2,160.84	3/4	2,424.20
4	65.85	4	328.84	4	592.18	4	849.54	4	1,112.90	4	1,376.25	4	1,639.61	4	1,902.97	4	2,166.32	4	2,429.68
1/4	71.29	1/4	334.32	1/4	597.67	1/4	855.03	1/4	1,118.38	1/4	1,381.74	1/4	1,645.10	1/4	1,908.45	1/4	2,171.81	1/4	2,435.17
1/2	76.72	1/2	339.81	1/2	603.16	1/2	860.51	1/2	1,123.87	1/2	1,387.23	1/2	1,650.58	1/2	1,913.94	1/2	2,177.30	1/2	2,440.66
3/4	82.16	3/4	345.29	3/4	608.64	3/4	866.00	3/4	1,129.36	3/4	1,392.71	3/4	1,656.07	3/4	1,919.43	3/4	2,182.78	3/4	2,446.14
5	87.60	5	350.78	5	614.13	5	871.49	5	1,134.84	5	1,398.20	5	1,661.56	5	1,924.91	5	2,188.27	5	2,451.63
1/4	93.06	1/4	356.27	1/4	619.54	1/4	876.97	1/4	1,140.33	1/4	1,403.69	1/4	1,667.04	1/4	1,930.40	1/4	2,193.76	1/4	2,457.11
1/2	98.52	1/2	361.75	1/2	624.95	1/2	882.46	1/2	1,145.82	1/2	1,409.17	1/2	1,672.53	1/2	1,935.89	1/2	2,199.24	1/2	2,462.60
3/4	103.98	3/4	367.24	3/4	630.36	3/4	887.95	3/4	1,151.30	3/4	1,414.66	3/4	1,678.02	3/4	1,941.37	3/4	2,204.73	3/4	2,468.09
6	109.44	6	372.73	6	635.77	6	893.43	6	1,156.79	6	1,420.15	6	1,683.50	6	1,946.86	6	2,210.22	6	2,473.57
1/4	114.92	1/4	378.21	1/4	641.11	1/4	898.92	1/4	1,162.28	1/4	1,425.63	1/4	1,688.99	1/4	1,952.35	1/4	2,215.70	1/4	2,479.06
1/2	120.39	1/2	383.70	1/2	646.45	1/2	904.41	1/2	1,167.76	1/2	1,431.12	1/2	1,694.48	1/2	1,957.83	1/2	2,221.19	1/2	2,484.55
3/4	125.87	3/4	389.19	3/4	651.78	3/4	909.89	3/4	1,173.25	3/4	1,436.61	3/4	1,699.96	3/4	1,963.32	3/4	2,226.68	3/4	2,490.03
7	131.34	7	394.67	7	657.12	7	915.38	7	1,178.74	7	1,442.09	7	1,705.45	7	1,968.81	7	2,232.16	7	2,495.52
1/4	136.83	1/4	400.16	1/4	662.46	1/4	920.87	1/4	1,184.22	1/4	1,447.58	1/4	1,710.94	1/4	1,974.29	1/4	2,237.65	1/4	2,501.01
1/2	142.31	1/2	405.64	1/2	667.79	1/2	926.35	1/2	1,189.71	1/2	1,453.07	1/2	1,716.42	1/2	1,979.78	1/2	2,243.14	1/2	2,506.49
3/4	147.79	3/4	411.13	3/4	673.13	3/4	931.84	3/4	1,195.20	3/4	1,458.55	3/4	1,721.91	3/4	1,985.27	3/4	2,248.62	3/4	2,511.98
8	153.27	8	416.62	8	678.46	8	937.33	8	1,200.68	8	1,464.04	8	1,727.40	8	1,990.75	8	2,254.11	8	2,517.47
1/4	158.76	1/4	422.10	1/4	683.80	1/4	942.81	1/4	1,206.17	1/4	1,469.53	1/4	1,732.88	1/4	1,996.24	1/4	2,259.60	1/4	2,522.95
1/2	164.25	1/2	427.59	1/2	689.14	1/2	948.30	1/2	1,211.66	1/2	1,475.01	1/2	1,738.37	1/2	2,001.73	1/2	2,265.08	1/2	2,528.44
3/4	169.73	3/4	433.08	3/4	694.47	3/4	953.79	3/4	1,217.14	3/4	1,480.50	3/4	1,743.86	3/4	2,007.21	3/4	2,270.57	3/4	2,533.93
9	175.22	9	438.56	9	699.81	9	959.27	9	1,222.63	9	1,485.99	9	1,749.34	9	2,012.70	9	2,276.06	9	2,539.41
1/4	180.70	1/4	444.05	1/4	705.15	1/4	964.76	1/4	1,228.12	1/4	1,491.47	1/4	1,754.83	1/4	2,018.19	1/4	2,281.54	1/4	2,544.90
1/2	186.19	1/2	449.54	1/2	710.48	1/2	970.25	1/2	1,233.60	1/2	1,496.96	1/2	1,760.32	1/2	2,023.67	1/2	2,287.03	1/2	2,550.39
3/4	191.68	3/4	455.02	3/4	715.82	3/4	975.73	3/4	1,239.09	3/4	1,502.45	3/4	1,765.80	3/4	2,029.16	3/4	2,292.52	3/4	2,555.87
10	197.16	10	460.51	10	721.16	10	981.22	10	1,244.58	10	1,507.93	10	1,771.29	10	2,034.65	10	2,298.00	10	2,561.36
1/4	202.65	1/4	466.00	1/4	726.49	1/4	986.71	1/4	1,250.06	1/4	1,513.42	1/4	1,776.78	1/4	2,040.13	1/4	2,303.49	1/4	2,566.85
1/2	208.13	1/2	471.48	1/2	731.83	1/2	992.19	1/2	1,255.55	1/2	1,518.91	1/2	1,782.26	1/2	2,045.62	1/2	2,308.98	1/2	2,572.33
3/4	213.62	3/4	476.97	3/4	737.17	3/4	997.68	3/4	1,261.04	3/4	1,524.39	3/4	1,787.75	3/4	2,051.11	3/4	2,314.46	3/4	2,577.82
11	219.11	11	482.45	11	742.50	11	1,003.17	11	1,266.52	11	1,529.88	11	1,793.24	11	2,056.59	11	2,319.95	11	2,583.31
1/4	224.59	1/4	487.94	1/4	747.84	1/4	1,008.65	1/4	1,272.01	1/4	1,535.37	1/4	1,798.72	1/4	2,062.08	1/4	2,325.44	1/4	2,588.79
1/2	230.08	1/2	493.43	1/2	753.17	1/2	1,014.14	1/2	1,277.50	1/2	1,540.85	1/2	1,804.21	1/2	2,067.57	1/2	2,330.92	1/2	2,594.28
3/4	235.57	3/4	498.91	3/4	758.51	3/4	1,019.63	3/4	1,282.98	3/4	1,546.34	3/4	1,809.70	3/4	2,073.05	3/4	2,336.41	3/4	2,599.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" 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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,605.25	0	2,868.61	0	3,131.97	0	3,395.32	0	3,657.45	0		0		0		0		0	
1/4	2,610.74	1/4	2,874.10	1/4	3,137.45	1/4	3,400.81	1/4	3,661.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,616.23	1/2	2,879.58	1/2	3,142.94	1/2	3,406.30	1/2	3,665.61	1/2		1/2		1/2		1/2		1/2	
3/4	2,621.71	3/4	2,885.07	3/4	3,148.43	3/4	3,411.78	3/4	3,669.69	3/4		3/4		3/4		3/4		3/4	
1	2,627.20	1	2,890.56	1	3,153.91	1	3,417.27	1	3,673.76	1		1		1		1		1	
1/4	2,632.69	1/4	2,896.04	1/4	3,159.40	1/4	3,422.76	1/4	3,676.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,638.17	1/2	2,901.53	1/2	3,164.89	1/2	3,428.24	1/2	3,678.33	1/2		1/2		1/2		1/2		1/2	
3/4	2,643.66	3/4	2,907.02	3/4	3,170.37	3/4	3,433.73	3/4	3,680.62	3/4		3/4		3/4		3/4		3/4	
2	2,649.15	2	2,912.50	2	3,175.86	2	3,439.22	2	3,682.91	2		2		2		2		2	
1/4	2,654.63	1/4	2,917.99	1/4	3,181.35	1/4	3,444.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,660.12	1/2	2,923.48	1/2	3,186.83	1/2	3,450.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,665.61	3/4	2,928.96	3/4	3,192.32	3/4	3,455.68	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,671.09	3	2,934.45	3	3,197.81	3	3,461.16	3		3		3		3		3		3	
1/4	2,676.58	1/4	2,939.94	1/4	3,203.29	1/4	3,466.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,682.07	1/2	2,945.42	1/2	3,208.78	1/2	3,472.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,687.55	3/4	2,950.91	3/4	3,214.27	3/4	3,477.62	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,693.04	4	2,956.40	4	3,219.75	4	3,483.11	4		4		4		4		4		4	
1/4	2,698.53	1/4	2,961.88	1/4	3,225.24	1/4	3,488.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,704.01	1/2	2,967.37	1/2	3,230.73	1/2	3,494.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,709.50	3/4	2,972.86	3/4	3,236.21	3/4	3,499.57	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,714.99	5	2,978.34	5	3,241.70	5	3,505.06	5		5		5		5		5		5	
1/4	2,720.47	1/4	2,983.83	1/4	3,247.19	1/4	3,510.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,725.96	1/2	2,989.32	1/2	3,252.67	1/2	3,516.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,731.44	3/4	2,994.80	3/4	3,258.16	3/4	3,521.52	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,736.93	6	3,000.29	6	3,263.65	6	3,527.00	6		6		6		6		6		6	
1/4	2,742.42	1/4	3,005.77	1/4	3,269.13	1/4	3,532.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,747.90	1/2	3,011.26	1/2	3,274.62	1/2	3,537.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,753.39	3/4	3,016.75	3/4	3,280.10	3/4	3,543.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,758.88	7	3,022.23	7	3,285.59	7	3,548.95	7		7		7		7		7		7	
1/4	2,764.36	1/4	3,027.72	1/4	3,291.08	1/4	3,554.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,769.85	1/2	3,033.21	1/2	3,296.56	1/2	3,559.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,775.34	3/4	3,038.69	3/4	3,302.05	3/4	3,565.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,780.82	8	3,044.18	8	3,307.54	8	3,570.89	8		8		8		8		8		8	
1/4	2,786.31	1/4	3,049.67	1/4	3,313.02	1/4	3,576.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,791.80	1/2	3,055.15	1/2	3,318.51	1/2	3,581.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,797.28	3/4	3,060.64	3/4	3,324.00	3/4	3,587.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,802.77	9	3,066.13	9	3,329.48	9	3,592.85	9		9		9		9		9		9	
1/4	2,808.26	1/4	3,071.61	1/4	3,334.97	1/4	3,598.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,813.74	1/2	3,077.10	1/2	3,340.46	1/2	3,603.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.23	3/4	3,082.59	3/4	3,345.94	3/4	3,609.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,824.72	10	3,088.07	10	3,351.43	10	3,614.78	10		10		10		10		10		10	
1/4	2,830.20	1/4	3,093.56	1/4	3,356.92	1/4	3,620.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,835.69	1/2	3,099.05	1/2	3,362.40	1/2	3,625.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,841.18	3/4	3,104.53	3/4	3,367.89	3/4	3,631.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,846.66	11	3,110.02	11	3,373.38	11	3,636.64	11		11		11		11		11		11	
1/4	2,852.15	1/4	3,115.51	1/4	3,378.86	1/4	3,641.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,857.64	1/2	3,120.99	1/2	3,384.35	1/2	3,647.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,863.12	3/4	3,126.48	3/4	3,389.84	3/4	3,652.25	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.
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<http://www.pmacorp.net>



BARGE "IB 1087"

3 CENTER INNAGE 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	2.44	0	239.14	0	500.39	0	761.37	0	1,022.49	0	1,283.76	0	1,545.02	0	1,806.28	0	2,067.55	0	2,328.81
1/4	4.25	1/4	244.58	1/4	505.83	1/4	766.80	1/4	1,027.93	1/4	1,289.20	1/4	1,550.46	1/4	1,811.73	1/4	2,072.99	1/4	2,334.25
1/2	6.07	1/2	250.03	1/2	511.27	1/2	772.23	1/2	1,033.38	1/2	1,294.64	1/2	1,555.91	1/2	1,817.17	1/2	2,078.43	1/2	2,339.70
3/4	7.88	3/4	255.47	3/4	516.72	3/4	777.66	3/4	1,038.82	3/4	1,300.08	3/4	1,561.35	3/4	1,822.61	3/4	2,083.88	3/4	2,345.14
1	9.70	1	260.91	1	522.16	1	783.09	1	1,044.26	1	1,305.53	1	1,566.79	1	1,828.06	1	2,089.32	1	2,350.58
1/4	13.32	1/4	266.35	1/4	527.60	1/4	788.53	1/4	1,049.71	1/4	1,310.97	1/4	1,572.23	1/4	1,833.50	1/4	2,094.76	1/4	2,356.03
1/2	16.95	1/2	271.80	1/2	533.05	1/2	793.96	1/2	1,055.15	1/2	1,316.41	1/2	1,577.68	1/2	1,838.94	1/2	2,100.21	1/2	2,361.47
3/4	20.57	3/4	277.24	3/4	538.49	3/4	799.39	3/4	1,060.59	3/4	1,321.86	3/4	1,583.12	3/4	1,844.38	3/4	2,105.65	3/4	2,366.91
2	24.20	2	282.68	2	543.93	2	804.83	2	1,066.04	2	1,327.30	2	1,588.56	2	1,849.83	2	2,111.09	2	2,372.36
1/4	29.12	1/4	288.12	1/4	549.37	1/4	810.26	1/4	1,071.48	1/4	1,332.74	1/4	1,594.01	1/4	1,855.27	1/4	2,116.53	1/4	2,377.80
1/2	34.05	1/2	293.57	1/2	554.82	1/2	815.69	1/2	1,076.92	1/2	1,338.19	1/2	1,599.45	1/2	1,860.71	1/2	2,121.98	1/2	2,383.24
3/4	38.98	3/4	299.01	3/4	560.26	3/4	821.13	3/4	1,082.36	3/4	1,343.63	3/4	1,604.89	3/4	1,866.16	3/4	2,127.42	3/4	2,388.68
3	43.91	3	304.45	3	565.70	3	826.56	3	1,087.81	3	1,349.07	3	1,610.34	3	1,871.60	3	2,132.86	3	2,394.13
1/4	49.27	1/4	309.89	1/4	571.14	1/4	832.00	1/4	1,093.25	1/4	1,354.51	1/4	1,615.78	1/4	1,877.04	1/4	2,138.31	1/4	2,399.57
1/2	54.62	1/2	315.34	1/2	576.59	1/2	837.44	1/2	1,098.69	1/2	1,359.96	1/2	1,621.22	1/2	1,882.49	1/2	2,143.75	1/2	2,405.01
3/4	59.98	3/4	320.78	3/4	582.03	3/4	842.88	3/4	1,104.14	3/4	1,365.40	3/4	1,626.66	3/4	1,887.93	3/4	2,149.19	3/4	2,410.46
4	65.33	4	326.22	4	587.47	4	848.31	4	1,109.58	4	1,370.84	4	1,632.11	4	1,893.37	4	2,154.64	4	2,415.90
1/4	70.73	1/4	331.67	1/4	592.92	1/4	853.76	1/4	1,115.02	1/4	1,376.29	1/4	1,637.55	1/4	1,898.81	1/4	2,160.08	1/4	2,421.34
1/2	76.12	1/2	337.11	1/2	598.36	1/2	859.20	1/2	1,120.47	1/2	1,381.73	1/2	1,642.99	1/2	1,904.26	1/2	2,165.52	1/2	2,426.79
3/4	81.51	3/4	342.55	3/4	603.80	3/4	864.64	3/4	1,125.91	3/4	1,387.17	3/4	1,648.44	3/4	1,909.70	3/4	2,170.96	3/4	2,432.23
5	86.91	5	347.99	5	609.24	5	870.09	5	1,131.35	5	1,392.62	5	1,653.88	5	1,915.14	5	2,176.41	5	2,437.67
1/4	92.32	1/4	353.44	1/4	614.68	1/4	875.53	1/4	1,136.79	1/4	1,398.06	1/4	1,659.32	1/4	1,920.59	1/4	2,181.85	1/4	2,443.11
1/2	97.74	1/2	358.88	1/2	620.12	1/2	880.97	1/2	1,142.24	1/2	1,403.50	1/2	1,664.77	1/2	1,926.03	1/2	2,187.29	1/2	2,448.56
3/4	103.16	3/4	364.32	3/4	625.56	3/4	886.42	3/4	1,147.68	3/4	1,408.94	3/4	1,670.21	3/4	1,931.47	3/4	2,192.74	3/4	2,454.00
6	108.58	6	369.76	6	631.00	6	891.86	6	1,153.12	6	1,414.39	6	1,675.65	6	1,936.92	6	2,198.18	6	2,459.44
1/4	114.01	1/4	375.21	1/4	636.43	1/4	897.30	1/4	1,158.57	1/4	1,419.83	1/4	1,681.09	1/4	1,942.36	1/4	2,203.62	1/4	2,464.89
1/2	119.44	1/2	380.65	1/2	641.86	1/2	902.74	1/2	1,164.01	1/2	1,425.27	1/2	1,686.54	1/2	1,947.80	1/2	2,209.07	1/2	2,470.33
3/4	124.87	3/4	386.09	3/4	647.29	3/4	908.19	3/4	1,169.45	3/4	1,430.72	3/4	1,691.98	3/4	1,953.24	3/4	2,214.51	3/4	2,475.77
7	130.30	7	391.54	7	652.72	7	913.63	7	1,174.90	7	1,436.16	7	1,697.42	7	1,958.69	7	2,219.95	7	2,481.22
1/4	135.74	1/4	396.98	1/4	658.16	1/4	919.07	1/4	1,180.34	1/4	1,441.60	1/4	1,702.87	1/4	1,964.13	1/4	2,225.39	1/4	2,486.66
1/2	141.18	1/2	402.42	1/2	663.59	1/2	924.52	1/2	1,185.78	1/2	1,447.05	1/2	1,708.31	1/2	1,969.57	1/2	2,230.84	1/2	2,492.10
3/4	146.62	3/4	407.86	3/4	669.02	3/4	929.96	3/4	1,191.22	3/4	1,452.49	3/4	1,713.75	3/4	1,975.02	3/4	2,236.28	3/4	2,497.54
8	152.06	8	413.31	8	674.45	8	935.40	8	1,196.67	8	1,457.93	8	1,719.20	8	1,980.46	8	2,241.72	8	2,502.99
1/4	157.50	1/4	418.75	1/4	679.89	1/4	940.85	1/4	1,202.11	1/4	1,463.37	1/4	1,724.64	1/4	1,985.90	1/4	2,247.17	1/4	2,508.43
1/2	162.94	1/2	424.19	1/2	685.32	1/2	946.29	1/2	1,207.55	1/2	1,468.82	1/2	1,730.08	1/2	1,991.35	1/2	2,252.61	1/2	2,513.87
3/4	168.39	3/4	429.63	3/4	690.75	3/4	951.73	3/4	1,213.00	3/4	1,474.26	3/4	1,735.52	3/4	1,996.79	3/4	2,258.05	3/4	2,519.32
9	173.83	9	435.08	9	696.18	9	957.17	9	1,218.44	9	1,479.70	9	1,740.97	9	2,002.23	9	2,263.50	9	2,524.76
1/4	179.27	1/4	440.52	1/4	701.61	1/4	962.62	1/4	1,223.88	1/4	1,485.15	1/4	1,746.41	1/4	2,007.67	1/4	2,268.94	1/4	2,530.20
1/2	184.71	1/2	445.96	1/2	707.05	1/2	968.06	1/2	1,229.33	1/2	1,490.59	1/2	1,751.85	1/2	2,013.12	1/2	2,274.38	1/2	2,535.65
3/4	190.16	3/4	451.41	3/4	712.48	3/4	973.50	3/4	1,234.77	3/4	1,496.03	3/4	1,757.30	3/4	2,018.56	3/4	2,279.82	3/4	2,541.09
10	195.60	10	456.85	10	717.91	10	978.95	10	1,240.21	10	1,501.48	10	1,762.74	10	2,024.00	10	2,285.27	10	2,546.53
1/4	201.04	1/4	462.29	1/4	723.34	1/4	984.39	1/4	1,245.65	1/4	1,506.92	1/4	1,768.18	1/4	2,029.45	1/4	2,290.71	1/4	2,551.97
1/2	206.48	1/2	467.73	1/2	728.77	1/2	989.83	1/2	1,251.10	1/2	1,512.36	1/2	1,773.63	1/2	2,034.89	1/2	2,296.15	1/2	2,557.42
3/4	211.93	3/4	473.18	3/4	734.21	3/4	995.28	3/4	1,256.54	3/4	1,517.80	3/4	1,779.07	3/4	2,040.33	3/4	2,301.60	3/4	2,562.86
11	217.37	11	478.62	11	739.64	11	1,000.72	11	1,261.98	11	1,523.25	11	1,784.51	11	2,045.78	11	2,307.04	11	2,568.30
1/4	222.81	1/4	484.06	1/4	745.07	1/4	1,006.16	1/4	1,267.43	1/4	1,528.69	1/4	1,789.95	1/4	2,051.22	1/4	2,312.48	1/4	2,573.75
1/2	228.25	1/2	489.50	1/2	750.50	1/2	1,011.61	1/2	1,272.87	1/2	1,534.13	1/2	1,795.40	1/2	2,056.66	1/2	2,317.93	1/2	2,579.19
3/4	233.70	3/4	494.95	3/4	755.93	3/4	1,017.05	3/4	1,278.31	3/4	1,539.58	3/4	1,800.84	3/4	2,062.10	3/4	2,323.37	3/4	2,584.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" 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 INNAGE 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	2,590.08	0	2,851.34	0	3,112.60	0	3,373.87	0	3,633.89	0		0		0		0		0	
1/4	2,595.52	1/4	2,856.78	1/4	3,118.05	1/4	3,379.31	1/4	3,637.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,600.96	1/2	2,862.23	1/2	3,123.49	1/2	3,384.75	1/2	3,641.97	1/2		1/2		1/2		1/2		1/2	
3/4	2,606.40	3/4	2,867.67	3/4	3,128.93	3/4	3,390.20	3/4	3,646.02	3/4		3/4		3/4		3/4		3/4	
1	2,611.85	1	2,873.11	1	3,134.38	1	3,395.64	1	3,650.06	1		1		1		1		1	
1/4	2,617.29	1/4	2,878.55	1/4	3,139.82	1/4	3,401.08	1/4	3,652.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,622.73	1/2	2,884.00	1/2	3,145.26	1/2	3,406.53	1/2	3,654.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,628.18	3/4	2,889.44	3/4	3,150.70	3/4	3,411.97	3/4	3,656.87	3/4		3/4		3/4		3/4		3/4	
2	2,633.62	2	2,894.88	2	3,156.15	2	3,417.41	2	3,659.14	2		2		2		2		2	
1/4	2,639.06	1/4	2,900.33	1/4	3,161.59	1/4	3,422.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,644.51	1/2	2,905.77	1/2	3,167.03	1/2	3,428.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,649.95	3/4	2,911.21	3/4	3,172.48	3/4	3,433.74	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,655.39	3	2,916.66	3	3,177.92	3	3,439.18	3		3		3		3		3		3	
1/4	2,660.83	1/4	2,922.10	1/4	3,183.36	1/4	3,444.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,666.28	1/2	2,927.54	1/2	3,188.81	1/2	3,450.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,671.72	3/4	2,932.98	3/4	3,194.25	3/4	3,455.51	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,677.16	4	2,938.43	4	3,199.69	4	3,460.96	4		4		4		4		4		4	
1/4	2,682.61	1/4	2,943.87	1/4	3,205.13	1/4	3,466.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,688.05	1/2	2,949.31	1/2	3,210.58	1/2	3,471.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,693.49	3/4	2,954.76	3/4	3,216.02	3/4	3,477.28	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,698.94	5	2,960.20	5	3,221.46	5	3,482.73	5		5		5		5		5		5	
1/4	2,704.38	1/4	2,965.64	1/4	3,226.91	1/4	3,488.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,709.82	1/2	2,971.09	1/2	3,232.35	1/2	3,493.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,715.26	3/4	2,976.53	3/4	3,237.79	3/4	3,499.06	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,720.71	6	2,981.97	6	3,243.24	6	3,504.50	6		6		6		6		6		6	
1/4	2,726.15	1/4	2,987.41	1/4	3,248.68	1/4	3,509.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,731.59	1/2	2,992.86	1/2	3,254.12	1/2	3,515.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,737.04	3/4	2,998.30	3/4	3,259.56	3/4	3,520.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,742.48	7	3,003.74	7	3,265.01	7	3,526.27	7		7		7		7		7		7	
1/4	2,747.92	1/4	3,009.19	1/4	3,270.45	1/4	3,531.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,753.37	1/2	3,014.63	1/2	3,275.89	1/2	3,537.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,758.81	3/4	3,020.07	3/4	3,281.34	3/4	3,542.60	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,764.25	8	3,025.52	8	3,286.78	8	3,548.04	8		8		8		8		8		8	
1/4	2,769.69	1/4	3,030.96	1/4	3,292.22	1/4	3,553.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,775.14	1/2	3,036.40	1/2	3,297.67	1/2	3,558.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,780.58	3/4	3,041.84	3/4	3,303.11	3/4	3,564.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,786.02	9	3,047.29	9	3,308.55	9	3,569.79	9		9		9		9		9		9	
1/4	2,791.47	1/4	3,052.73	1/4	3,313.99	1/4	3,575.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,796.91	1/2	3,058.17	1/2	3,319.44	1/2	3,580.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,802.35	3/4	3,063.62	3/4	3,324.88	3/4	3,586.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,807.80	10	3,069.06	10	3,330.32	10	3,591.55	10		10		10		10		10		10	
1/4	2,813.24	1/4	3,074.50	1/4	3,335.77	1/4	3,596.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,818.68	1/2	3,079.95	1/2	3,341.21	1/2	3,602.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,824.12	3/4	3,085.39	3/4	3,346.65	3/4	3,607.81	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,829.57	11	3,090.83	11	3,352.10	11	3,613.24	11		11		11		11		11		11	
1/4	2,835.01	1/4	3,096.27	1/4	3,357.54	1/4	3,618.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,840.45	1/2	3,101.72	1/2	3,362.98	1/2	3,623.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,845.90	3/4	3,107.16	3/4	3,368.42	3/4	3,628.72	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

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