



BARGE "IB 1098"

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	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
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'-00"

December 3, 2017

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

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BARGE "IB 1098"

1 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	6.11	0	275.62	0	572.70	0	865.82	0	1,160.67	0	1,457.57	0	1,754.09	0	2,051.16	0	2,348.22	0	2,645.27
1/4	8.17	1/4	281.81	1/4	578.89	1/4	871.86	1/4	1,166.85	1/4	1,463.74	1/4	1,760.28	1/4	2,057.35	1/4	2,354.41	1/4	2,651.46
1/2	10.24	1/2	288.00	1/2	585.07	1/2	877.90	1/2	1,173.04	1/2	1,469.91	1/2	1,766.47	1/2	2,063.53	1/2	2,360.59	1/2	2,657.65
3/4	12.31	3/4	294.18	3/4	591.26	3/4	883.93	3/4	1,179.22	3/4	1,476.09	3/4	1,772.66	3/4	2,069.72	3/4	2,366.78	3/4	2,663.84
1	14.38	1	300.37	1	597.45	1	889.97	1	1,185.41	1	1,482.26	1	1,778.84	1	2,075.91	1	2,372.97	1	2,670.03
1/4	18.51	1/4	306.56	1/4	603.64	1/4	896.01	1/4	1,191.59	1/4	1,488.44	1/4	1,785.03	1/4	2,082.10	1/4	2,379.16	1/4	2,676.22
1/2	22.63	1/2	312.75	1/2	609.83	1/2	902.05	1/2	1,197.78	1/2	1,494.61	1/2	1,791.22	1/2	2,088.29	1/2	2,385.35	1/2	2,682.41
3/4	26.76	3/4	318.94	3/4	616.02	3/4	908.08	3/4	1,203.97	3/4	1,500.79	3/4	1,797.41	3/4	2,094.48	3/4	2,391.53	3/4	2,688.59
2	30.89	2	325.13	2	622.21	2	914.12	2	1,210.15	2	1,506.96	2	1,803.60	2	2,100.67	2	2,397.72	2	2,694.78
1/4	36.51	1/4	331.32	1/4	628.40	1/4	920.16	1/4	1,216.34	1/4	1,513.14	1/4	1,809.79	1/4	2,106.86	1/4	2,403.91	1/4	2,700.97
1/2	42.13	1/2	337.51	1/2	634.59	1/2	926.20	1/2	1,222.52	1/2	1,519.31	1/2	1,815.98	1/2	2,113.05	1/2	2,410.10	1/2	2,707.16
3/4	47.74	3/4	343.70	3/4	640.78	3/4	932.23	3/4	1,228.71	3/4	1,525.49	3/4	1,822.17	3/4	2,119.23	3/4	2,416.29	3/4	2,713.35
3	53.36	3	349.89	3	646.97	3	938.27	3	1,234.90	3	1,531.66	3	1,828.36	3	2,125.42	3	2,422.48	3	2,719.54
1/4	59.46	1/4	356.08	1/4	653.15	1/4	944.38	1/4	1,241.08	1/4	1,537.83	1/4	1,834.54	1/4	2,131.61	1/4	2,428.66	1/4	2,725.73
1/2	65.56	1/2	362.27	1/2	659.34	1/2	950.50	1/2	1,247.27	1/2	1,544.01	1/2	1,840.73	1/2	2,137.80	1/2	2,434.85	1/2	2,731.92
3/4	71.66	3/4	368.46	3/4	665.53	3/4	956.61	3/4	1,253.45	3/4	1,550.18	3/4	1,846.92	3/4	2,143.99	3/4	2,441.04	3/4	2,738.11
4	77.76	4	374.65	4	671.72	4	962.72	4	1,259.64	4	1,556.36	4	1,853.11	4	2,150.18	4	2,447.23	4	2,744.29
1/4	83.91	1/4	380.83	1/4	677.91	1/4	968.91	1/4	1,265.82	1/4	1,562.53	1/4	1,859.30	1/4	2,156.37	1/4	2,453.42	1/4	2,750.48
1/2	90.05	1/2	387.02	1/2	684.10	1/2	975.09	1/2	1,272.01	1/2	1,568.71	1/2	1,865.49	1/2	2,162.56	1/2	2,459.61	1/2	2,756.67
3/4	96.20	3/4	393.21	3/4	690.29	3/4	981.28	3/4	1,278.20	3/4	1,574.88	3/4	1,871.68	3/4	2,168.75	3/4	2,465.79	3/4	2,762.86
5	102.34	5	399.40	5	696.48	5	987.46	5	1,284.38	5	1,581.06	5	1,877.87	5	2,174.93	5	2,471.98	5	2,769.05
1/4	108.51	1/4	405.59	1/4	702.59	1/4	993.65	1/4	1,290.57	1/4	1,587.23	1/4	1,884.06	1/4	2,181.12	1/4	2,478.17	1/4	2,775.24
1/2	114.69	1/2	411.78	1/2	708.71	1/2	999.83	1/2	1,296.75	1/2	1,593.41	1/2	1,890.24	1/2	2,187.31	1/2	2,484.36	1/2	2,781.43
3/4	120.86	3/4	417.97	3/4	714.82	3/4	1,006.02	3/4	1,302.94	3/4	1,599.58	3/4	1,896.43	3/4	2,193.50	3/4	2,490.55	3/4	2,787.62
6	127.03	6	424.16	6	720.93	6	1,012.21	6	1,309.12	6	1,605.76	6	1,902.62	6	2,199.69	6	2,496.74	6	2,793.81
1/4	133.22	1/4	430.35	1/4	726.97	1/4	1,018.39	1/4	1,315.31	1/4	1,611.93	1/4	1,908.81	1/4	2,205.88	1/4	2,502.93	1/4	2,799.99
1/2	139.40	1/2	436.54	1/2	733.01	1/2	1,024.58	1/2	1,321.50	1/2	1,618.10	1/2	1,915.00	1/2	2,212.07	1/2	2,509.12	1/2	2,806.18
3/4	145.59	3/4	442.73	3/4	739.04	3/4	1,030.76	3/4	1,327.68	3/4	1,624.28	3/4	1,921.19	3/4	2,218.26	3/4	2,515.31	3/4	2,812.37
7	151.77	7	448.91	7	745.08	7	1,036.95	7	1,333.87	7	1,630.45	7	1,927.38	7	2,224.45	7	2,521.49	7	2,818.56
1/4	157.96	1/4	455.10	1/4	751.12	1/4	1,043.14	1/4	1,340.05	1/4	1,636.63	1/4	1,933.57	1/4	2,230.63	1/4	2,527.68	1/4	2,824.75
1/2	164.15	1/2	461.29	1/2	757.15	1/2	1,049.32	1/2	1,346.24	1/2	1,642.80	1/2	1,939.76	1/2	2,236.82	1/2	2,533.87	1/2	2,830.94
3/4	170.34	3/4	467.48	3/4	763.19	3/4	1,055.51	3/4	1,352.43	3/4	1,648.98	3/4	1,945.95	3/4	2,243.01	3/4	2,540.06	3/4	2,837.13
8	176.53	8	473.67	8	769.23	8	1,061.69	8	1,358.61	8	1,655.15	8	1,952.13	8	2,249.20	8	2,546.25	8	2,843.32
1/4	182.73	1/4	479.86	1/4	775.27	1/4	1,067.88	1/4	1,364.80	1/4	1,661.33	1/4	1,958.32	1/4	2,255.39	1/4	2,552.44	1/4	2,849.51
1/2	188.92	1/2	486.05	1/2	781.30	1/2	1,074.06	1/2	1,370.98	1/2	1,667.50	1/2	1,964.51	1/2	2,261.58	1/2	2,558.63	1/2	2,855.69
3/4	195.11	3/4	492.24	3/4	787.34	3/4	1,080.25	3/4	1,377.17	3/4	1,673.68	3/4	1,970.70	3/4	2,267.77	3/4	2,564.82	3/4	2,861.88
9	201.31	9	498.43	9	793.38	9	1,086.44	9	1,383.35	9	1,679.85	9	1,976.89	9	2,273.96	9	2,571.01	9	2,868.07
1/4	207.50	1/4	504.62	1/4	799.41	1/4	1,092.62	1/4	1,389.54	1/4	1,686.03	1/4	1,983.08	1/4	2,280.15	1/4	2,577.19	1/4	2,873.81
1/2	213.70	1/2	510.81	1/2	805.45	1/2	1,098.81	1/2	1,395.73	1/2	1,692.21	1/2	1,989.27	1/2	2,286.33	1/2	2,583.38	1/2	2,879.54
3/4	219.89	3/4	516.99	3/4	811.49	3/4	1,104.99	3/4	1,401.91	3/4	1,698.40	3/4	1,995.46	3/4	2,292.52	3/4	2,589.57	3/4	2,885.28
10	226.09	10	523.18	10	817.53	10	1,111.18	10	1,408.10	10	1,704.58	10	2,001.65	10	2,298.71	10	2,595.76	10	2,891.01
1/4	232.28	1/4	529.37	1/4	823.56	1/4	1,117.36	1/4	1,414.28	1/4	1,710.77	1/4	2,007.83	1/4	2,304.90	1/4	2,601.95	1/4	2,896.30
1/2	238.47	1/2	535.56	1/2	829.60	1/2	1,123.55	1/2	1,420.47	1/2	1,716.96	1/2	2,014.02	1/2	2,311.09	1/2	2,608.14	1/2	2,901.59
3/4	244.67	3/4	541.75	3/4	835.64	3/4	1,129.74	3/4	1,426.65	3/4	1,723.14	3/4	2,020.21	3/4	2,317.28	3/4	2,614.33	3/4	2,906.88
11	250.86	11	547.94	11	841.67	11	1,135.92	11	1,432.84	11	1,729.33	11	2,026.40	11	2,323.46	11	2,620.52	11	2,912.17
1/4	257.05	1/4	554.13	1/4	847.71	1/4	1,142.11	1/4	1,439.02	1/4	1,735.52	1/4	2,032.59	1/4	2,329.65	1/4	2,626.71	1/4	2,917.46
1/2	263.24	1/2	560.32	1/2	853.75	1/2	1,148.29	1/2	1,445.20	1/2	1,741.71	1/2	2,038.78	1/2	2,335.84	1/2	2,632.89	1/2	2,922.75
3/4	269.43	3/4	566.51	3/4	859.79	3/4	1,154.48	3/4	1,451.38	3/4	1,747.90	3/4	2,044.97	3/4	2,342.03	3/4	2,639.08	3/4	2,928.05

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 1098"

1 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	2,933.34	0	3,187.43	0	3,441.53	0	3,695.62	0	3,948.33	0		0		0		0		0	
1/4	2,938.63	1/4	3,192.73	1/4	3,446.82	1/4	3,700.91	1/4	3,952.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,943.93	1/2	3,198.02	1/2	3,452.11	1/2	3,706.21	1/2	3,955.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,949.22	3/4	3,203.31	3/4	3,457.41	3/4	3,711.50	3/4	3,959.43	3/4		3/4		3/4		3/4		3/4	
1	2,954.51	1	3,208.61	1	3,462.70	1	3,716.79	1	3,963.13	1		1		1		1		1	
1/4	2,959.81	1/4	3,213.90	1/4	3,467.99	1/4	3,722.09	1/4	3,965.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,965.10	1/2	3,219.19	1/2	3,473.29	1/2	3,727.38	1/2	3,967.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,970.39	3/4	3,224.49	3/4	3,478.58	3/4	3,732.67	3/4	3,969.52	3/4		3/4		3/4		3/4		3/4	
2	2,975.69	2	3,229.78	2	3,483.87	2	3,737.97	2	3,971.65	2		2		2		2		2	
1/4	2,980.98	1/4	3,235.07	1/4	3,489.17	1/4	3,743.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,986.28	1/2	3,240.37	1/2	3,494.46	1/2	3,748.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,991.57	3/4	3,245.66	3/4	3,499.75	3/4	3,753.85	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,996.86	3	3,250.96	3	3,505.05	3	3,759.14	3		3		3		3		3		3	
1/4	3,002.16	1/4	3,256.25	1/4	3,510.34	1/4	3,764.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,007.45	1/2	3,261.54	1/2	3,515.64	1/2	3,769.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,012.74	3/4	3,266.84	3/4	3,520.93	3/4	3,775.02	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,018.04	4	3,272.13	4	3,526.22	4	3,780.32	4		4		4		4		4		4	
1/4	3,023.33	1/4	3,277.42	1/4	3,531.52	1/4	3,785.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,028.62	1/2	3,282.72	1/2	3,536.81	1/2	3,790.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,033.92	3/4	3,288.01	3/4	3,542.10	3/4	3,796.20	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,039.21	5	3,293.30	5	3,547.40	5	3,801.49	5		5		5		5		5		5	
1/4	3,044.51	1/4	3,298.60	1/4	3,552.69	1/4	3,806.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,049.80	1/2	3,303.89	1/2	3,557.98	1/2	3,812.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,055.09	3/4	3,309.19	3/4	3,563.28	3/4	3,817.37	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,060.39	6	3,314.48	6	3,568.57	6	3,822.66	6		6		6		6		6		6	
1/4	3,065.68	1/4	3,319.77	1/4	3,573.87	1/4	3,827.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,070.97	1/2	3,325.07	1/2	3,579.16	1/2	3,833.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,076.27	3/4	3,330.36	3/4	3,584.45	3/4	3,838.55	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,081.56	7	3,335.65	7	3,589.75	7	3,843.84	7		7		7		7		7		7	
1/4	3,086.85	1/4	3,340.95	1/4	3,595.04	1/4	3,849.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,092.15	1/2	3,346.24	1/2	3,600.33	1/2	3,854.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,097.44	3/4	3,351.53	3/4	3,605.63	3/4	3,859.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,102.73	8	3,356.83	8	3,610.92	8	3,865.01	8		8		8		8		8		8	
1/4	3,108.03	1/4	3,362.12	1/4	3,616.21	1/4	3,870.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,113.32	1/2	3,367.41	1/2	3,621.51	1/2	3,875.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,118.62	3/4	3,372.71	3/4	3,626.80	3/4	3,880.90	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,123.91	9	3,378.00	9	3,632.09	9	3,886.19	9		9		9		9		9		9	
1/4	3,129.20	1/4	3,383.30	1/4	3,637.39	1/4	3,891.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,134.50	1/2	3,388.59	1/2	3,642.68	1/2	3,896.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,139.79	3/4	3,393.88	3/4	3,647.98	3/4	3,902.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,145.08	10	3,399.18	10	3,653.27	10	3,907.35	10		10		10		10		10		10	
1/4	3,150.38	1/4	3,404.47	1/4	3,658.56	1/4	3,912.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,155.67	1/2	3,409.76	1/2	3,663.86	1/2	3,917.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,160.96	3/4	3,415.06	3/4	3,669.15	3/4	3,923.16	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,166.26	11	3,420.35	11	3,674.44	11	3,928.43	11		11		11		11		11		11	
1/4	3,171.55	1/4	3,425.64	1/4	3,679.74	1/4	3,933.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,176.85	1/2	3,430.94	1/2	3,685.03	1/2	3,938.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,182.14	3/4	3,436.23	3/4	3,690.32	3/4	3,943.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/01/2017 SW
CALCULATED: 12/02/2017 CL
PRINTED: 12/03/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "IB 1098"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

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	2.45	0	240.74	0	503.75	0	762.86	0	1,023.78	0	1,286.80	0	1,549.82	0	1,812.83	0	2,075.85	0	2,338.86
1/4	4.28	1/4	246.22	1/4	509.23	1/4	768.19	1/4	1,029.26	1/4	1,292.28	1/4	1,555.30	1/4	1,818.31	1/4	2,081.33	1/4	2,344.34
1/2	6.10	1/2	251.70	1/2	514.71	1/2	773.52	1/2	1,034.74	1/2	1,297.76	1/2	1,560.78	1/2	1,823.79	1/2	2,086.81	1/2	2,349.82
3/4	7.93	3/4	257.18	3/4	520.18	3/4	778.85	3/4	1,040.22	3/4	1,303.24	3/4	1,566.26	3/4	1,829.27	3/4	2,092.29	3/4	2,355.30
1	9.76	1	262.66	1	525.66	1	784.18	1	1,045.70	1	1,308.72	1	1,571.73	1	1,834.75	1	2,097.77	1	2,360.78
1/4	13.41	1/4	268.14	1/4	531.14	1/4	789.51	1/4	1,051.18	1/4	1,314.20	1/4	1,577.21	1/4	1,840.23	1/4	2,103.25	1/4	2,366.26
1/2	17.05	1/2	273.62	1/2	536.62	1/2	794.84	1/2	1,056.66	1/2	1,319.68	1/2	1,582.69	1/2	1,845.71	1/2	2,108.73	1/2	2,371.74
3/4	20.70	3/4	279.10	3/4	542.10	3/4	800.17	3/4	1,062.14	3/4	1,325.16	3/4	1,588.17	3/4	1,851.19	3/4	2,114.21	3/4	2,377.22
2	24.35	2	284.58	2	547.58	2	805.50	2	1,067.62	2	1,330.64	2	1,593.65	2	1,856.67	2	2,119.68	2	2,382.70
1/4	29.31	1/4	290.05	1/4	553.06	1/4	810.83	1/4	1,073.10	1/4	1,336.12	1/4	1,599.13	1/4	1,862.15	1/4	2,125.16	1/4	2,388.18
1/2	34.28	1/2	295.53	1/2	558.54	1/2	816.16	1/2	1,078.58	1/2	1,341.60	1/2	1,604.61	1/2	1,867.63	1/2	2,130.64	1/2	2,393.66
3/4	39.24	3/4	301.01	3/4	564.02	3/4	821.49	3/4	1,084.06	3/4	1,347.08	3/4	1,610.09	3/4	1,873.11	3/4	2,136.12	3/4	2,399.14
3	44.20	3	306.49	3	569.50	3	826.82	3	1,089.54	3	1,352.55	3	1,615.57	3	1,878.59	3	2,141.60	3	2,404.62
1/4	49.59	1/4	311.97	1/4	574.98	1/4	832.23	1/4	1,095.02	1/4	1,358.03	1/4	1,621.05	1/4	1,884.07	1/4	2,147.08	1/4	2,410.10
1/2	54.98	1/2	317.45	1/2	580.46	1/2	837.63	1/2	1,100.50	1/2	1,363.51	1/2	1,626.53	1/2	1,889.55	1/2	2,152.56	1/2	2,415.58
3/4	60.37	3/4	322.93	3/4	585.94	3/4	843.04	3/4	1,105.98	3/4	1,368.99	3/4	1,632.01	3/4	1,895.03	3/4	2,158.04	3/4	2,421.06
4	65.76	4	328.41	4	591.42	4	848.44	4	1,111.46	4	1,374.47	4	1,637.49	4	1,900.50	4	2,163.52	4	2,426.54
1/4	71.19	1/4	333.89	1/4	596.90	1/4	853.92	1/4	1,116.94	1/4	1,379.95	1/4	1,642.97	1/4	1,905.98	1/4	2,169.00	1/4	2,432.02
1/2	76.63	1/2	339.37	1/2	602.37	1/2	859.40	1/2	1,122.42	1/2	1,385.43	1/2	1,648.45	1/2	1,911.46	1/2	2,174.48	1/2	2,437.50
3/4	82.06	3/4	344.85	3/4	607.85	3/4	864.88	3/4	1,127.90	3/4	1,390.91	3/4	1,653.93	3/4	1,916.94	3/4	2,179.96	3/4	2,442.98
5	87.49	5	350.33	5	613.33	5	870.36	5	1,133.37	5	1,396.39	5	1,659.41	5	1,922.42	5	2,185.44	5	2,448.45
1/4	92.94	1/4	355.81	1/4	618.74	1/4	875.84	1/4	1,138.85	1/4	1,401.87	1/4	1,664.89	1/4	1,927.90	1/4	2,190.92	1/4	2,453.93
1/2	98.39	1/2	361.29	1/2	624.14	1/2	881.32	1/2	1,144.33	1/2	1,407.35	1/2	1,670.37	1/2	1,933.38	1/2	2,196.40	1/2	2,459.41
3/4	103.85	3/4	366.76	3/4	629.55	3/4	886.80	3/4	1,149.81	3/4	1,412.83	3/4	1,675.85	3/4	1,938.86	3/4	2,201.88	3/4	2,464.89
6	109.30	6	372.24	6	634.95	6	892.28	6	1,155.29	6	1,418.31	6	1,681.32	6	1,944.34	6	2,207.36	6	2,470.37
1/4	114.77	1/4	377.72	1/4	640.28	1/4	897.76	1/4	1,160.77	1/4	1,423.79	1/4	1,686.80	1/4	1,949.82	1/4	2,212.84	1/4	2,475.85
1/2	120.24	1/2	383.20	1/2	645.61	1/2	903.24	1/2	1,166.25	1/2	1,429.27	1/2	1,692.28	1/2	1,955.30	1/2	2,218.32	1/2	2,481.33
3/4	125.70	3/4	388.68	3/4	650.94	3/4	908.72	3/4	1,171.73	3/4	1,434.75	3/4	1,697.76	3/4	1,960.78	3/4	2,223.80	3/4	2,486.81
7	131.17	7	394.16	7	656.27	7	914.19	7	1,177.21	7	1,440.23	7	1,703.24	7	1,966.26	7	2,229.27	7	2,492.29
1/4	136.65	1/4	399.64	1/4	661.60	1/4	919.67	1/4	1,182.69	1/4	1,445.71	1/4	1,708.72	1/4	1,971.74	1/4	2,234.75	1/4	2,497.77
1/2	142.12	1/2	405.12	1/2	666.93	1/2	925.15	1/2	1,188.17	1/2	1,451.19	1/2	1,714.20	1/2	1,977.22	1/2	2,240.23	1/2	2,503.25
3/4	147.60	3/4	410.60	3/4	672.26	3/4	930.63	3/4	1,193.65	3/4	1,456.67	3/4	1,719.68	3/4	1,982.70	3/4	2,245.71	3/4	2,508.73
8	153.08	8	416.08	8	677.59	8	936.11	8	1,199.13	8	1,462.14	8	1,725.16	8	1,988.18	8	2,251.19	8	2,514.21
1/4	158.55	1/4	421.56	1/4	682.92	1/4	941.59	1/4	1,204.61	1/4	1,467.62	1/4	1,730.64	1/4	1,993.66	1/4	2,256.67	1/4	2,519.69
1/2	164.03	1/2	427.04	1/2	688.24	1/2	947.07	1/2	1,210.09	1/2	1,473.10	1/2	1,736.12	1/2	1,999.14	1/2	2,262.15	1/2	2,525.17
3/4	169.51	3/4	432.52	3/4	693.57	3/4	952.55	3/4	1,215.57	3/4	1,478.58	3/4	1,741.60	3/4	2,004.62	3/4	2,267.63	3/4	2,530.65
9	174.99	9	438.00	9	698.90	9	958.03	9	1,221.05	9	1,484.06	9	1,747.08	9	2,010.09	9	2,273.11	9	2,536.13
1/4	180.47	1/4	443.47	1/4	704.23	1/4	963.51	1/4	1,226.53	1/4	1,489.54	1/4	1,752.56	1/4	2,015.57	1/4	2,278.59	1/4	2,541.61
1/2	185.95	1/2	448.95	1/2	709.56	1/2	968.99	1/2	1,232.01	1/2	1,495.02	1/2	1,758.04	1/2	2,021.05	1/2	2,284.07	1/2	2,547.09
3/4	191.43	3/4	454.43	3/4	714.89	3/4	974.47	3/4	1,237.49	3/4	1,500.50	3/4	1,763.52	3/4	2,026.53	3/4	2,289.55	3/4	2,552.57
10	196.91	10	459.91	10	720.22	10	979.95	10	1,242.96	10	1,505.98	10	1,769.00	10	2,032.01	10	2,295.03	10	2,558.04
1/4	202.39	1/4	465.39	1/4	725.55	1/4	985.43	1/4	1,248.44	1/4	1,511.46	1/4	1,774.48	1/4	2,037.49	1/4	2,300.51	1/4	2,563.52
1/2	207.86	1/2	470.87	1/2	730.88	1/2	990.91	1/2	1,253.92	1/2	1,516.94	1/2	1,779.96	1/2	2,042.97	1/2	2,305.99	1/2	2,569.00
3/4	213.34	3/4	476.35	3/4	736.21	3/4	996.39	3/4	1,259.40	3/4	1,522.42	3/4	1,785.44	3/4	2,048.45	3/4	2,311.47	3/4	2,574.48
11	218.82	11	481.83	11	741.54	11	1,001.87	11	1,264.88	11	1,527.90	11	1,790.91	11	2,053.93	11	2,316.95	11	2,579.96
1/4	224.30	1/4	487.31	1/4	746.87	1/4	1,007.35	1/4	1,270.36	1/4	1,533.38	1/4	1,796.39	1/4	2,059.41	1/4	2,322.43	1/4	2,585.44
1/2	229.78	1/2	492.79	1/2	752.20	1/2	1,012.83	1/2	1,275.84	1/2	1,538.86	1/2	1,801.87	1/2	2,064.89	1/2	2,327.91	1/2	2,590.92
3/4	235.26	3/4	498.27	3/4	757.53	3/4	1,018.31	3/4	1,281.32	3/4	1,544.34	3/4	1,807.35	3/4	2,070.37	3/4	2,333.39	3/4	2,596.40

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'-06" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1098"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

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	2,601.88	0	2,864.90	0	3,127.91	0	3,390.93	0	3,652.72	0		0		0		0		0	
1/4	2,607.36	1/4	2,870.38	1/4	3,133.39	1/4	3,396.41	1/4	3,656.79	1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,612.84	1/2	2,875.86	1/2	3,138.87	1/2	3,401.89	1/2	3,660.86	1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,618.32	3/4	2,881.34	3/4	3,144.35	3/4	3,407.37	3/4	3,664.93	3/4		3/4	3/4	3/4		3/4	3/4	3/4	
1	2,623.80	1	2,886.81	1	3,149.83	1	3,412.85	1	3,669.00	1		1		1		1		1	
1/4	2,629.28	1/4	2,892.29	1/4	3,155.31	1/4	3,418.33	1/4	3,671.29	1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,634.76	1/2	2,897.77	1/2	3,160.79	1/2	3,423.81	1/2	3,673.57	1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,640.24	3/4	2,903.25	3/4	3,166.27	3/4	3,429.29	3/4	3,675.85	3/4		3/4	3/4	3/4		3/4	3/4	3/4	
2	2,645.72	2	2,908.73	2	3,171.75	2	3,434.76	2	3,678.14	2		2		2		2		2	
1/4	2,651.20	1/4	2,914.21	1/4	3,177.23	1/4	3,440.24	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,656.68	1/2	2,919.69	1/2	3,182.71	1/2	3,445.72	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,662.16	3/4	2,925.17	3/4	3,188.19	3/4	3,451.20	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
3	2,667.63	3	2,930.65	3	3,193.67	3	3,456.68	3		3		3		3		3		3	
1/4	2,673.11	1/4	2,936.13	1/4	3,199.15	1/4	3,462.16	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,678.59	1/2	2,941.61	1/2	3,204.63	1/2	3,467.64	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,684.07	3/4	2,947.09	3/4	3,210.11	3/4	3,473.12	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
4	2,689.55	4	2,952.57	4	3,215.58	4	3,478.60	4		4		4		4		4		4	
1/4	2,695.03	1/4	2,958.05	1/4	3,221.06	1/4	3,484.08	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,700.51	1/2	2,963.53	1/2	3,226.54	1/2	3,489.56	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,705.99	3/4	2,969.01	3/4	3,232.02	3/4	3,495.04	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
5	2,711.47	5	2,974.49	5	3,237.50	5	3,500.52	5		5		5		5		5		5	
1/4	2,716.95	1/4	2,979.97	1/4	3,242.98	1/4	3,506.00	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,722.43	1/2	2,985.45	1/2	3,248.46	1/2	3,511.48	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,727.91	3/4	2,990.93	3/4	3,253.94	3/4	3,516.96	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
6	2,733.39	6	2,996.40	6	3,259.42	6	3,522.44	6		6		6		6		6		6	
1/4	2,738.87	1/4	3,001.88	1/4	3,264.90	1/4	3,527.92	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,744.35	1/2	3,007.36	1/2	3,270.38	1/2	3,533.40	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,749.83	3/4	3,012.84	3/4	3,275.86	3/4	3,538.88	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
7	2,755.31	7	3,018.32	7	3,281.34	7	3,544.35	7		7		7		7		7		7	
1/4	2,760.79	1/4	3,023.80	1/4	3,286.82	1/4	3,549.83	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,766.27	1/2	3,029.28	1/2	3,292.30	1/2	3,555.31	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,771.75	3/4	3,034.76	3/4	3,297.78	3/4	3,560.79	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
8	2,777.22	8	3,040.24	8	3,303.26	8	3,566.27	8		8		8		8		8		8	
1/4	2,782.70	1/4	3,045.72	1/4	3,308.74	1/4	3,571.75	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,788.18	1/2	3,051.20	1/2	3,314.22	1/2	3,577.23	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,793.66	3/4	3,056.68	3/4	3,319.70	3/4	3,582.71	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
9	2,799.14	9	3,062.16	9	3,325.17	9	3,588.19	9		9		9		9		9		9	
1/4	2,804.62	1/4	3,067.64	1/4	3,330.65	1/4	3,593.67	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,810.10	1/2	3,073.12	1/2	3,336.13	1/2	3,599.14	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,815.58	3/4	3,078.60	3/4	3,341.61	3/4	3,604.62	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
10	2,821.06	10	3,084.08	10	3,347.09	10	3,610.09	10		10		10		10		10		10	
1/4	2,826.54	1/4	3,089.56	1/4	3,352.57	1/4	3,615.55	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,832.02	1/2	3,095.04	1/2	3,358.05	1/2	3,621.01	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,837.50	3/4	3,100.52	3/4	3,363.53	3/4	3,626.47	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4	
11	2,842.98	11	3,105.99	11	3,369.01	11	3,631.93	11		11		11		11		11		11	
1/4	2,848.46	1/4	3,111.47	1/4	3,374.49	1/4	3,637.13	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4	
1/2	2,853.94	1/2	3,116.95	1/2	3,379.97	1/2	3,642.32	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2	
3/4	2,859.42	3/4	3,122.43	3/4	3,385.45	3/4	3,647.52	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: 12/01/2017 SW
CALCULATED: 12/02/2017 CL
PRINTED: 12/03/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1098"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

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	238.95	0	499.98	0	760.75	0	1,021.66	0	1,282.71	0	1,543.75	0	1,804.80	0	2,065.85	0	2,326.90
1/4	4.25	1/4	244.38	1/4	505.42	1/4	766.18	1/4	1,027.10	1/4	1,288.14	1/4	1,549.19	1/4	1,810.24	1/4	2,071.29	1/4	2,332.34
1/2	6.06	1/2	249.82	1/2	510.86	1/2	771.60	1/2	1,032.53	1/2	1,293.58	1/2	1,554.63	1/2	1,815.68	1/2	2,076.73	1/2	2,337.77
3/4	7.88	3/4	255.26	3/4	516.30	3/4	777.03	3/4	1,037.97	3/4	1,299.02	3/4	1,560.07	3/4	1,821.12	3/4	2,082.17	3/4	2,343.21
1	9.69	1	260.70	1	521.74	1	782.46	1	1,043.41	1	1,304.46	1	1,565.51	1	1,826.56	1	2,087.60	1	2,348.65
1/4	13.31	1/4	266.14	1/4	527.18	1/4	787.89	1/4	1,048.85	1/4	1,309.90	1/4	1,570.95	1/4	1,831.99	1/4	2,093.04	1/4	2,354.09
1/2	16.93	1/2	271.58	1/2	532.61	1/2	793.32	1/2	1,054.29	1/2	1,315.34	1/2	1,576.38	1/2	1,837.43	1/2	2,098.48	1/2	2,359.53
3/4	20.55	3/4	277.01	3/4	538.05	3/4	798.74	3/4	1,059.73	3/4	1,320.78	3/4	1,581.82	3/4	1,842.87	3/4	2,103.92	3/4	2,364.97
2	24.18	2	282.45	2	543.49	2	804.17	2	1,065.17	2	1,326.21	2	1,587.26	2	1,848.31	2	2,109.36	2	2,370.41
1/4	29.10	1/4	287.89	1/4	548.93	1/4	809.60	1/4	1,070.60	1/4	1,331.65	1/4	1,592.70	1/4	1,853.75	1/4	2,114.80	1/4	2,375.84
1/2	34.03	1/2	293.33	1/2	554.37	1/2	815.03	1/2	1,076.04	1/2	1,337.09	1/2	1,598.14	1/2	1,859.19	1/2	2,120.23	1/2	2,381.28
3/4	38.95	3/4	298.77	3/4	559.81	3/4	820.46	3/4	1,081.48	3/4	1,342.53	3/4	1,603.58	3/4	1,864.63	3/4	2,125.67	3/4	2,386.72
3	43.88	3	304.21	3	565.24	3	825.89	3	1,086.92	3	1,347.97	3	1,609.02	3	1,870.06	3	2,131.11	3	2,392.16
1/4	49.23	1/4	309.64	1/4	570.68	1/4	831.32	1/4	1,092.36	1/4	1,353.41	1/4	1,614.45	1/4	1,875.50	1/4	2,136.55	1/4	2,397.60
1/2	54.58	1/2	315.08	1/2	576.12	1/2	836.76	1/2	1,097.80	1/2	1,358.84	1/2	1,619.89	1/2	1,880.94	1/2	2,141.99	1/2	2,403.04
3/4	59.93	3/4	320.52	3/4	581.56	3/4	842.19	3/4	1,103.24	3/4	1,364.28	3/4	1,625.33	3/4	1,886.38	3/4	2,147.43	3/4	2,408.48
4	65.28	4	325.96	4	587.00	4	847.63	4	1,108.67	4	1,369.72	4	1,630.77	4	1,891.82	4	2,152.87	4	2,413.91
1/4	70.67	1/4	331.40	1/4	592.44	1/4	853.06	1/4	1,114.11	1/4	1,375.16	1/4	1,636.21	1/4	1,897.26	1/4	2,158.30	1/4	2,419.35
1/2	76.06	1/2	336.84	1/2	597.87	1/2	858.50	1/2	1,119.55	1/2	1,380.60	1/2	1,641.65	1/2	1,902.69	1/2	2,163.74	1/2	2,424.79
3/4	81.45	3/4	342.27	3/4	603.31	3/4	863.94	3/4	1,124.99	3/4	1,386.04	3/4	1,647.09	3/4	1,908.13	3/4	2,169.18	3/4	2,430.23
5	86.84	5	347.71	5	608.75	5	869.38	5	1,130.43	5	1,391.48	5	1,652.52	5	1,913.57	5	2,174.62	5	2,435.67
1/4	92.25	1/4	353.15	1/4	614.18	1/4	874.82	1/4	1,135.87	1/4	1,396.91	1/4	1,657.96	1/4	1,919.01	1/4	2,180.06	1/4	2,441.11
1/2	97.66	1/2	358.59	1/2	619.62	1/2	880.26	1/2	1,141.30	1/2	1,402.35	1/2	1,663.40	1/2	1,924.45	1/2	2,185.50	1/2	2,446.54
3/4	103.08	3/4	364.03	3/4	625.05	3/4	885.70	3/4	1,146.74	3/4	1,407.79	3/4	1,668.84	3/4	1,929.89	3/4	2,190.94	3/4	2,451.98
6	108.49	6	369.47	6	630.48	6	891.13	6	1,152.18	6	1,413.23	6	1,674.28	6	1,935.33	6	2,196.37	6	2,457.42
1/4	113.92	1/4	374.90	1/4	635.91	1/4	896.57	1/4	1,157.62	1/4	1,418.67	1/4	1,679.72	1/4	1,940.76	1/4	2,201.81	1/4	2,462.86
1/2	119.34	1/2	380.34	1/2	641.34	1/2	902.01	1/2	1,163.06	1/2	1,424.11	1/2	1,685.15	1/2	1,946.20	1/2	2,207.25	1/2	2,468.30
3/4	124.77	3/4	385.78	3/4	646.77	3/4	907.45	3/4	1,168.50	3/4	1,429.55	3/4	1,690.59	3/4	1,951.64	3/4	2,212.69	3/4	2,473.74
7	130.20	7	391.22	7	652.19	7	912.89	7	1,173.94	7	1,434.98	7	1,696.03	7	1,957.08	7	2,218.13	7	2,479.18
1/4	135.63	1/4	396.66	1/4	657.62	1/4	918.33	1/4	1,179.37	1/4	1,440.42	1/4	1,701.47	1/4	1,962.52	1/4	2,223.57	1/4	2,484.61
1/2	141.07	1/2	402.09	1/2	663.05	1/2	923.76	1/2	1,184.81	1/2	1,445.86	1/2	1,706.91	1/2	1,967.96	1/2	2,229.00	1/2	2,490.05
3/4	146.50	3/4	407.53	3/4	668.48	3/4	929.20	3/4	1,190.25	3/4	1,451.30	3/4	1,712.35	3/4	1,973.40	3/4	2,234.44	3/4	2,495.49
8	151.94	8	412.97	8	673.91	8	934.64	8	1,195.69	8	1,456.74	8	1,717.79	8	1,978.83	8	2,239.88	8	2,500.93
1/4	157.37	1/4	418.41	1/4	679.33	1/4	940.08	1/4	1,201.13	1/4	1,462.18	1/4	1,723.22	1/4	1,984.27	1/4	2,245.32	1/4	2,506.37
1/2	162.81	1/2	423.85	1/2	684.76	1/2	945.52	1/2	1,206.57	1/2	1,467.61	1/2	1,728.66	1/2	1,989.71	1/2	2,250.76	1/2	2,511.81
3/4	168.25	3/4	429.29	3/4	690.19	3/4	950.96	3/4	1,212.01	3/4	1,473.05	3/4	1,734.10	3/4	1,995.15	3/4	2,256.20	3/4	2,517.25
9	173.69	9	434.72	9	695.62	9	956.40	9	1,217.44	9	1,478.49	9	1,739.54	9	2,000.59	9	2,261.64	9	2,522.68
1/4	179.12	1/4	440.16	1/4	701.04	1/4	961.83	1/4	1,222.88	1/4	1,483.93	1/4	1,744.98	1/4	2,006.03	1/4	2,267.07	1/4	2,528.12
1/2	184.56	1/2	445.60	1/2	706.47	1/2	967.27	1/2	1,228.32	1/2	1,489.37	1/2	1,750.42	1/2	2,011.46	1/2	2,272.51	1/2	2,533.56
3/4	190.00	3/4	451.04	3/4	711.90	3/4	972.71	3/4	1,233.76	3/4	1,494.81	3/4	1,755.86	3/4	2,016.90	3/4	2,277.95	3/4	2,539.00
10	195.44	10	456.48	10	717.33	10	978.15	10	1,239.20	10	1,500.25	10	1,761.29	10	2,022.34	10	2,283.39	10	2,544.44
1/4	200.88	1/4	461.92	1/4	722.75	1/4	983.59	1/4	1,244.64	1/4	1,505.68	1/4	1,766.73	1/4	2,027.78	1/4	2,288.83	1/4	2,549.88
1/2	206.32	1/2	467.35	1/2	728.18	1/2	989.03	1/2	1,250.07	1/2	1,511.12	1/2	1,772.17	1/2	2,033.22	1/2	2,294.27	1/2	2,555.31
3/4	211.75	3/4	472.79	3/4	733.61	3/4	994.47	3/4	1,255.51	3/4	1,516.56	3/4	1,777.61	3/4	2,038.66	3/4	2,299.71	3/4	2,560.75
11	217.19	11	478.23	11	739.04	11	999.90	11	1,260.95	11	1,522.00	11	1,783.05	11	2,044.10	11	2,305.14	11	2,566.19
1/4	222.63	1/4	483.67	1/4	744.47	1/4	1,005.34	1/4	1,266.39	1/4	1,527.44	1/4	1,788.49	1/4	2,049.53	1/4	2,310.58	1/4	2,571.63
1/2	228.07	1/2	489.11	1/2	749.89	1/2	1,010.78	1/2	1,271.83	1/2	1,532.88	1/2	1,793.92	1/2	2,054.97	1/2	2,316.02	1/2	2,577.07
3/4	233.51	3/4	494.55	3/4	755.32	3/4	1,016.22	3/4	1,277.27	3/4	1,538.32	3/4	1,799.36	3/4	2,060.41	3/4	2,321.46	3/4	2,582.51

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 1098"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

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	2,587.95	0	2,848.99	0	3,110.04	0	3,371.09	0	3,630.93	0		0		0		0		0	
1/4	2,593.38	1/4	2,854.43	1/4	3,115.48	1/4	3,376.53	1/4	3,634.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,598.82	1/2	2,859.87	1/2	3,120.92	1/2	3,381.97	1/2	3,639.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,604.26	3/4	2,865.31	3/4	3,126.36	3/4	3,387.41	3/4	3,643.06	3/4		3/4		3/4		3/4		3/4	
1	2,609.70	1	2,870.75	1	3,131.80	1	3,392.84	1	3,647.10	1		1		1		1		1	
1/4	2,615.14	1/4	2,876.19	1/4	3,137.23	1/4	3,398.28	1/4	3,649.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,620.58	1/2	2,881.62	1/2	3,142.67	1/2	3,403.72	1/2	3,651.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,626.02	3/4	2,887.06	3/4	3,148.11	3/4	3,409.16	3/4	3,653.90	3/4		3/4		3/4		3/4		3/4	
2	2,631.45	2	2,892.50	2	3,153.55	2	3,414.60	2	3,656.16	2		2		2		2		2	
1/4	2,636.89	1/4	2,897.94	1/4	3,158.99	1/4	3,420.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,642.33	1/2	2,903.38	1/2	3,164.43	1/2	3,425.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,647.77	3/4	2,908.82	3/4	3,169.87	3/4	3,430.91	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,653.21	3	2,914.26	3	3,175.30	3	3,436.35	3		3		3		3		3		3	
1/4	2,658.65	1/4	2,919.69	1/4	3,180.74	1/4	3,441.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,664.08	1/2	2,925.13	1/2	3,186.18	1/2	3,447.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,669.52	3/4	2,930.57	3/4	3,191.62	3/4	3,452.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,674.96	4	2,936.01	4	3,197.06	4	3,458.11	4		4		4		4		4		4	
1/4	2,680.40	1/4	2,941.45	1/4	3,202.50	1/4	3,463.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,685.84	1/2	2,946.89	1/2	3,207.93	1/2	3,468.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,691.28	3/4	2,952.33	3/4	3,213.37	3/4	3,474.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,696.72	5	2,957.76	5	3,218.81	5	3,479.86	5		5		5		5		5		5	
1/4	2,702.15	1/4	2,963.20	1/4	3,224.25	1/4	3,485.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,707.59	1/2	2,968.64	1/2	3,229.69	1/2	3,490.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,713.03	3/4	2,974.08	3/4	3,235.13	3/4	3,496.18	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,718.47	6	2,979.52	6	3,240.57	6	3,501.61	6		6		6		6		6		6	
1/4	2,723.91	1/4	2,984.96	1/4	3,246.00	1/4	3,507.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,729.35	1/2	2,990.39	1/2	3,251.44	1/2	3,512.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,734.79	3/4	2,995.83	3/4	3,256.88	3/4	3,517.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,740.22	7	3,001.27	7	3,262.32	7	3,523.37	7		7		7		7		7		7	
1/4	2,745.66	1/4	3,006.71	1/4	3,267.76	1/4	3,528.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,751.10	1/2	3,012.15	1/2	3,273.20	1/2	3,534.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,756.54	3/4	3,017.59	3/4	3,278.64	3/4	3,539.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,761.98	8	3,023.03	8	3,284.07	8	3,545.12	8		8		8		8		8		8	
1/4	2,767.42	1/4	3,028.46	1/4	3,289.51	1/4	3,550.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,772.85	1/2	3,033.90	1/2	3,294.95	1/2	3,556.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,778.29	3/4	3,039.34	3/4	3,300.39	3/4	3,561.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,783.73	9	3,044.78	9	3,305.83	9	3,566.89	9		9		9		9		9		9	
1/4	2,789.17	1/4	3,050.22	1/4	3,311.27	1/4	3,572.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.61	1/2	3,055.66	1/2	3,316.70	1/2	3,577.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,800.05	3/4	3,061.10	3/4	3,322.14	3/4	3,583.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,805.49	10	3,066.53	10	3,327.58	10	3,588.63	10		10		10		10		10		10	
1/4	2,810.92	1/4	3,071.97	1/4	3,333.02	1/4	3,594.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.36	1/2	3,077.41	1/2	3,338.46	1/2	3,599.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.80	3/4	3,082.85	3/4	3,343.90	3/4	3,604.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,827.24	11	3,088.29	11	3,349.34	11	3,610.30	11		11		11		11		11		11	
1/4	2,832.68	1/4	3,093.73	1/4	3,354.77	1/4	3,615.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.12	1/2	3,099.16	1/2	3,360.21	1/2	3,620.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,843.56	3/4	3,104.60	3/4	3,365.65	3/4	3,625.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/01/2017 SW
CALCULATED: 12/02/2017 CL
PRINTED: 12/03/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

PRECISION MEASUREMENT
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