



BARGE "IB 1097"

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"

November 17, 2017

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

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BARGE "IB 1097"

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	6.10	0	275.38	0	572.20	0	865.07	0	1,159.66	0	1,456.30	0	1,752.56	0	2,049.37	0	2,346.17	0	2,642.97
1/4	8.17	1/4	281.56	1/4	578.38	1/4	871.10	1/4	1,165.84	1/4	1,462.47	1/4	1,758.75	1/4	2,055.55	1/4	2,352.36	1/4	2,649.15
1/2	10.23	1/2	287.75	1/2	584.56	1/2	877.13	1/2	1,172.02	1/2	1,468.64	1/2	1,764.93	1/2	2,061.74	1/2	2,358.54	1/2	2,655.34
3/4	12.30	3/4	293.93	3/4	590.75	3/4	883.16	3/4	1,178.20	3/4	1,474.80	3/4	1,771.11	3/4	2,067.92	3/4	2,364.72	3/4	2,661.52
1	14.36	1	300.11	1	596.93	1	889.20	1	1,184.38	1	1,480.97	1	1,777.30	1	2,074.11	1	2,370.91	1	2,667.70
1/4	18.49	1/4	306.30	1/4	603.12	1/4	895.23	1/4	1,190.56	1/4	1,487.14	1/4	1,783.48	1/4	2,080.29	1/4	2,377.09	1/4	2,673.89
1/2	22.62	1/2	312.48	1/2	609.30	1/2	901.26	1/2	1,196.74	1/2	1,493.31	1/2	1,789.66	1/2	2,086.47	1/2	2,383.27	1/2	2,680.07
3/4	26.74	3/4	318.67	3/4	615.48	3/4	907.29	3/4	1,202.92	3/4	1,499.48	3/4	1,795.85	3/4	2,092.66	3/4	2,389.45	3/4	2,686.26
2	30.87	2	324.85	2	621.67	2	913.33	2	1,209.10	2	1,505.65	2	1,802.03	2	2,098.84	2	2,395.64	2	2,692.44
1/4	36.48	1/4	331.03	1/4	627.85	1/4	919.36	1/4	1,215.28	1/4	1,511.82	1/4	1,808.21	1/4	2,105.02	1/4	2,401.82	1/4	2,698.62
1/2	42.09	1/2	337.22	1/2	634.03	1/2	925.39	1/2	1,221.46	1/2	1,517.99	1/2	1,814.40	1/2	2,111.21	1/2	2,408.00	1/2	2,704.81
3/4	47.70	3/4	343.40	3/4	640.22	3/4	931.42	3/4	1,227.64	3/4	1,524.16	3/4	1,820.58	3/4	2,117.39	3/4	2,414.19	3/4	2,710.99
3	53.31	3	349.58	3	646.40	3	937.46	3	1,233.82	3	1,530.33	3	1,826.77	3	2,123.57	3	2,420.37	3	2,717.17
1/4	59.41	1/4	355.77	1/4	652.59	1/4	943.56	1/4	1,240.01	1/4	1,536.50	1/4	1,832.95	1/4	2,129.76	1/4	2,426.55	1/4	2,723.36
1/2	65.50	1/2	361.95	1/2	658.77	1/2	949.67	1/2	1,246.19	1/2	1,542.67	1/2	1,839.13	1/2	2,135.94	1/2	2,432.73	1/2	2,729.54
3/4	71.60	3/4	368.14	3/4	664.95	3/4	955.78	3/4	1,252.37	3/4	1,548.84	3/4	1,845.32	3/4	2,142.12	3/4	2,438.92	3/4	2,735.72
4	77.69	4	374.32	4	671.14	4	961.88	4	1,258.55	4	1,555.00	4	1,851.50	4	2,148.31	4	2,445.10	4	2,741.91
1/4	83.83	1/4	380.50	1/4	677.32	1/4	968.06	1/4	1,264.73	1/4	1,561.17	1/4	1,857.68	1/4	2,154.49	1/4	2,451.28	1/4	2,748.09
1/2	89.97	1/2	386.69	1/2	683.50	1/2	974.24	1/2	1,270.91	1/2	1,567.34	1/2	1,863.87	1/2	2,160.67	1/2	2,457.47	1/2	2,754.27
3/4	96.11	3/4	392.87	3/4	689.69	3/4	980.42	3/4	1,277.09	3/4	1,573.51	3/4	1,870.05	3/4	2,166.86	3/4	2,463.65	3/4	2,760.46
5	102.25	5	399.05	5	695.87	5	986.60	5	1,283.27	5	1,579.68	5	1,876.23	5	2,173.04	5	2,469.83	5	2,766.64
1/4	108.42	1/4	405.24	1/4	701.98	1/4	992.79	1/4	1,289.45	1/4	1,585.85	1/4	1,882.42	1/4	2,179.22	1/4	2,476.02	1/4	2,772.82
1/2	114.59	1/2	411.42	1/2	708.09	1/2	998.97	1/2	1,295.63	1/2	1,592.02	1/2	1,888.60	1/2	2,185.41	1/2	2,482.20	1/2	2,779.01
3/4	120.75	3/4	417.60	3/4	714.20	3/4	1,005.15	3/4	1,301.81	3/4	1,598.19	3/4	1,894.78	3/4	2,191.59	3/4	2,488.38	3/4	2,785.19
6	126.92	6	423.79	6	720.31	6	1,011.33	6	1,307.99	6	1,604.36	6	1,900.97	6	2,197.78	6	2,494.57	6	2,791.37
1/4	133.10	1/4	429.97	1/4	726.34	1/4	1,017.51	1/4	1,314.17	1/4	1,610.53	1/4	1,907.15	1/4	2,203.96	1/4	2,500.75	1/4	2,797.56
1/2	139.28	1/2	436.16	1/2	732.37	1/2	1,023.69	1/2	1,320.35	1/2	1,616.70	1/2	1,913.33	1/2	2,210.14	1/2	2,506.93	1/2	2,803.74
3/4	145.46	3/4	442.34	3/4	738.40	3/4	1,029.87	3/4	1,326.53	3/4	1,622.87	3/4	1,919.52	3/4	2,216.33	3/4	2,513.12	3/4	2,809.93
7	151.64	7	448.52	7	744.43	7	1,036.05	7	1,332.71	7	1,629.03	7	1,925.70	7	2,222.51	7	2,519.30	7	2,816.11
1/4	157.83	1/4	454.71	1/4	750.46	1/4	1,042.23	1/4	1,338.89	1/4	1,635.20	1/4	1,931.88	1/4	2,228.69	1/4	2,525.48	1/4	2,822.29
1/2	164.01	1/2	460.89	1/2	756.50	1/2	1,048.41	1/2	1,345.07	1/2	1,641.37	1/2	1,938.07	1/2	2,234.88	1/2	2,531.67	1/2	2,828.48
3/4	170.20	3/4	467.07	3/4	762.53	3/4	1,054.59	3/4	1,351.25	3/4	1,647.54	3/4	1,944.25	3/4	2,241.06	3/4	2,537.85	3/4	2,834.66
8	176.38	8	473.26	8	768.56	8	1,060.77	8	1,357.43	8	1,653.71	8	1,950.44	8	2,247.24	8	2,544.03	8	2,840.84
1/4	182.57	1/4	479.44	1/4	774.59	1/4	1,066.95	1/4	1,363.62	1/4	1,659.88	1/4	1,956.62	1/4	2,253.43	1/4	2,550.22	1/4	2,847.03
1/2	188.76	1/2	485.63	1/2	780.62	1/2	1,073.13	1/2	1,369.80	1/2	1,666.05	1/2	1,962.80	1/2	2,259.61	1/2	2,556.40	1/2	2,853.21
3/4	194.94	3/4	491.81	3/4	786.66	3/4	1,079.31	3/4	1,375.98	3/4	1,672.22	3/4	1,968.99	3/4	2,265.80	3/4	2,562.59	3/4	2,859.39
9	201.13	9	497.99	9	792.69	9	1,085.49	9	1,382.16	9	1,678.39	9	1,975.17	9	2,271.98	9	2,568.77	9	2,865.58
1/4	207.32	1/4	504.18	1/4	798.72	1/4	1,091.67	1/4	1,388.34	1/4	1,684.56	1/4	1,981.35	1/4	2,278.16	1/4	2,574.95	1/4	2,871.31
1/2	213.51	1/2	510.36	1/2	804.75	1/2	1,097.85	1/2	1,394.52	1/2	1,690.74	1/2	1,987.54	1/2	2,284.34	1/2	2,581.14	1/2	2,877.04
3/4	219.70	3/4	516.54	3/4	810.78	3/4	1,104.03	3/4	1,400.70	3/4	1,696.92	3/4	1,993.72	3/4	2,290.53	3/4	2,587.32	3/4	2,882.77
10	225.89	10	522.73	10	816.81	10	1,110.21	10	1,406.88	10	1,703.10	10	1,999.90	10	2,296.71	10	2,593.50	10	2,888.50
1/4	232.08	1/4	528.91	1/4	822.85	1/4	1,116.40	1/4	1,413.06	1/4	1,709.28	1/4	2,006.09	1/4	2,302.89	1/4	2,599.69	1/4	2,893.78
1/2	238.27	1/2	535.10	1/2	828.88	1/2	1,122.58	1/2	1,419.24	1/2	1,715.46	1/2	2,012.27	1/2	2,309.08	1/2	2,605.87	1/2	2,899.07
3/4	244.45	3/4	541.28	3/4	834.91	3/4	1,128.76	3/4	1,425.42	3/4	1,721.65	3/4	2,018.45	3/4	2,315.26	3/4	2,612.05	3/4	2,904.35
11	250.64	11	547.46	11	840.94	11	1,134.94	11	1,431.60	11	1,727.83	11	2,024.64	11	2,321.44	11	2,618.24	11	2,909.63
1/4	256.83	1/4	553.65	1/4	846.97	1/4	1,141.12	1/4	1,437.77	1/4	1,734.01	1/4	2,030.82	1/4	2,327.63	1/4	2,624.42	1/4	2,914.92
1/2	263.01	1/2	559.83	1/2	853.01	1/2	1,147.30	1/2	1,443.95	1/2	1,740.20	1/2	2,037.00	1/2	2,333.81	1/2	2,630.60	1/2	2,920.21
3/4	269.19	3/4	566.01	3/4	859.04	3/4	1,153.48	3/4	1,450.12	3/4	1,746.38	3/4	2,043.19	3/4	2,339.99	3/4	2,636.79	3/4	2,925.50

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 1097"

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	2,930.79	0	3,184.66	0	3,438.53	0	3,692.40	0	3,944.89	0		0		0		0		0	
1/4	2,936.08	1/4	3,189.95	1/4	3,443.82	1/4	3,697.69	1/4	3,948.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,941.37	1/2	3,195.24	1/2	3,449.11	1/2	3,702.98	1/2	3,952.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,946.65	3/4	3,200.53	3/4	3,454.40	3/4	3,708.27	3/4	3,955.98	3/4		3/4		3/4		3/4		3/4	
1	2,951.94	1	3,205.82	1	3,459.69	1	3,713.56	1	3,959.68	1		1		1		1		1	
1/4	2,957.23	1/4	3,211.10	1/4	3,464.98	1/4	3,718.85	1/4	3,961.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,962.52	1/2	3,216.39	1/2	3,470.27	1/2	3,724.14	1/2	3,963.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,967.81	3/4	3,221.68	3/4	3,475.55	3/4	3,729.43	3/4	3,966.06	3/4		3/4		3/4		3/4		3/4	
2	2,973.10	2	3,226.97	2	3,480.84	2	3,734.72	2	3,968.19	2		2		2		2		2	
1/4	2,978.39	1/4	3,232.26	1/4	3,486.13	1/4	3,740.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,983.68	1/2	3,237.55	1/2	3,491.42	1/2	3,745.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,988.97	3/4	3,242.84	3/4	3,496.71	3/4	3,750.58	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,994.26	3	3,248.13	3	3,502.00	3	3,755.87	3		3		3		3		3		3	
1/4	2,999.54	1/4	3,253.42	1/4	3,507.29	1/4	3,761.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,004.83	1/2	3,258.71	1/2	3,512.58	1/2	3,766.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,010.12	3/4	3,263.99	3/4	3,517.87	3/4	3,771.74	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,015.41	4	3,269.28	4	3,523.16	4	3,777.03	4		4		4		4		4		4	
1/4	3,020.70	1/4	3,274.57	1/4	3,528.44	1/4	3,782.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,025.99	1/2	3,279.86	1/2	3,533.73	1/2	3,787.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,031.28	3/4	3,285.15	3/4	3,539.02	3/4	3,792.89	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,036.57	5	3,290.44	5	3,544.31	5	3,798.18	5		5		5		5		5		5	
1/4	3,041.86	1/4	3,295.73	1/4	3,549.60	1/4	3,803.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,047.15	1/2	3,301.02	1/2	3,554.89	1/2	3,808.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,052.43	3/4	3,306.31	3/4	3,560.18	3/4	3,814.05	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,057.72	6	3,311.60	6	3,565.47	6	3,819.34	6		6		6		6		6		6	
1/4	3,063.01	1/4	3,316.88	1/4	3,570.76	1/4	3,824.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,068.30	1/2	3,322.17	1/2	3,576.05	1/2	3,829.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,073.59	3/4	3,327.46	3/4	3,581.33	3/4	3,835.21	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,078.88	7	3,332.75	7	3,586.62	7	3,840.50	7		7		7		7		7		7	
1/4	3,084.17	1/4	3,338.04	1/4	3,591.91	1/4	3,845.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,089.46	1/2	3,343.33	1/2	3,597.20	1/2	3,851.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,094.75	3/4	3,348.62	3/4	3,602.49	3/4	3,856.36	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,100.04	8	3,353.91	8	3,607.78	8	3,861.65	8		8		8		8		8		8	
1/4	3,105.32	1/4	3,359.20	1/4	3,613.07	1/4	3,866.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,110.61	1/2	3,364.49	1/2	3,618.36	1/2	3,872.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,115.90	3/4	3,369.77	3/4	3,623.65	3/4	3,877.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,121.19	9	3,375.06	9	3,628.94	9	3,882.81	9		9		9		9		9		9	
1/4	3,126.48	1/4	3,380.35	1/4	3,634.22	1/4	3,888.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,131.77	1/2	3,385.64	1/2	3,639.51	1/2	3,893.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,137.06	3/4	3,390.93	3/4	3,644.80	3/4	3,898.67	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,142.35	10	3,396.22	10	3,650.09	10	3,903.95	10		10		10		10		10		10	
1/4	3,147.64	1/4	3,401.51	1/4	3,655.38	1/4	3,909.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,152.93	1/2	3,406.80	1/2	3,660.67	1/2	3,914.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,158.21	3/4	3,412.09	3/4	3,665.96	3/4	3,919.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,163.50	11	3,417.38	11	3,671.25	11	3,925.01	11		11		11		11		11		11	
1/4	3,168.79	1/4	3,422.66	1/4	3,676.54	1/4	3,929.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,174.08	1/2	3,427.95	1/2	3,681.83	1/2	3,934.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,179.37	3/4	3,433.24	3/4	3,687.11	3/4	3,939.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2017 SW
CALCULATED: 11/17/2017 CL
PRINTED: 11/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2017

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



BARGE "IB 1097"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	2.45	0	240.56	0	503.36	0	762.27	0	1,023.00	0	1,285.81	0	1,548.63	0	1,811.44	0	2,074.26	0	2,337.07
1/4	4.27	1/4	246.03	1/4	508.84	1/4	767.60	1/4	1,028.47	1/4	1,291.29	1/4	1,554.10	1/4	1,816.92	1/4	2,079.73	1/4	2,342.55
1/2	6.10	1/2	251.51	1/2	514.31	1/2	772.92	1/2	1,033.95	1/2	1,296.76	1/2	1,559.58	1/2	1,822.39	1/2	2,085.21	1/2	2,348.02
3/4	7.92	3/4	256.98	3/4	519.79	3/4	778.25	3/4	1,039.43	3/4	1,302.24	3/4	1,565.05	3/4	1,827.87	3/4	2,090.68	3/4	2,353.50
1	9.75	1	262.46	1	525.26	1	783.57	1	1,044.90	1	1,307.72	1	1,570.53	1	1,833.34	1	2,096.16	1	2,358.97
1/4	13.40	1/4	267.93	1/4	530.74	1/4	788.90	1/4	1,050.38	1/4	1,313.19	1/4	1,576.00	1/4	1,838.82	1/4	2,101.63	1/4	2,364.45
1/2	17.04	1/2	273.41	1/2	536.21	1/2	794.23	1/2	1,055.85	1/2	1,318.67	1/2	1,581.48	1/2	1,844.29	1/2	2,107.11	1/2	2,369.92
3/4	20.69	3/4	278.88	3/4	541.69	3/4	799.55	3/4	1,061.33	3/4	1,324.14	3/4	1,586.96	3/4	1,849.77	3/4	2,112.58	3/4	2,375.40
2	24.33	2	284.36	2	547.16	2	804.88	2	1,066.80	2	1,329.62	2	1,592.43	2	1,855.25	2	2,118.06	2	2,380.87
1/4	29.29	1/4	289.83	1/4	552.64	1/4	810.21	1/4	1,072.28	1/4	1,335.09	1/4	1,597.91	1/4	1,860.72	1/4	2,123.53	1/4	2,386.35
1/2	34.25	1/2	295.31	1/2	558.11	1/2	815.53	1/2	1,077.75	1/2	1,340.57	1/2	1,603.38	1/2	1,866.20	1/2	2,129.01	1/2	2,391.82
3/4	39.21	3/4	300.78	3/4	563.59	3/4	820.86	3/4	1,083.23	3/4	1,346.04	3/4	1,608.86	3/4	1,871.67	3/4	2,134.49	3/4	2,397.30
3	44.17	3	306.26	3	569.06	3	826.19	3	1,088.70	3	1,351.52	3	1,614.33	3	1,877.15	3	2,139.96	3	2,402.78
1/4	49.55	1/4	311.73	1/4	574.54	1/4	831.59	1/4	1,094.18	1/4	1,356.99	1/4	1,619.81	1/4	1,882.62	1/4	2,145.44	1/4	2,408.25
1/2	54.94	1/2	317.21	1/2	580.01	1/2	836.99	1/2	1,099.65	1/2	1,362.47	1/2	1,625.28	1/2	1,888.10	1/2	2,150.91	1/2	2,413.73
3/4	60.33	3/4	322.68	3/4	585.49	3/4	842.39	3/4	1,105.13	3/4	1,367.94	3/4	1,630.76	3/4	1,893.57	3/4	2,156.39	3/4	2,419.20
4	65.71	4	328.16	4	590.96	4	847.79	4	1,110.60	4	1,373.42	4	1,636.23	4	1,899.05	4	2,161.86	4	2,424.68
1/4	71.14	1/4	333.63	1/4	596.44	1/4	853.27	1/4	1,116.08	1/4	1,378.89	1/4	1,641.71	1/4	1,904.52	1/4	2,167.34	1/4	2,430.15
1/2	76.57	1/2	339.11	1/2	601.91	1/2	858.74	1/2	1,121.55	1/2	1,384.37	1/2	1,647.18	1/2	1,910.00	1/2	2,172.81	1/2	2,435.63
3/4	81.99	3/4	344.58	3/4	607.39	3/4	864.22	3/4	1,127.03	3/4	1,389.84	3/4	1,652.66	3/4	1,915.47	3/4	2,178.29	3/4	2,441.10
5	87.42	5	350.06	5	612.86	5	869.69	5	1,132.51	5	1,395.32	5	1,658.13	5	1,920.95	5	2,183.76	5	2,446.58
1/4	92.87	1/4	355.53	1/4	618.26	1/4	875.17	1/4	1,137.98	1/4	1,400.80	1/4	1,663.61	1/4	1,926.42	1/4	2,189.24	1/4	2,452.05
1/2	98.32	1/2	361.01	1/2	623.66	1/2	880.64	1/2	1,143.46	1/2	1,406.27	1/2	1,669.08	1/2	1,931.90	1/2	2,194.71	1/2	2,457.53
3/4	103.77	3/4	366.48	3/4	629.06	3/4	886.12	3/4	1,148.93	3/4	1,411.75	3/4	1,674.56	3/4	1,937.37	3/4	2,200.19	3/4	2,463.00
6	109.22	6	371.96	6	634.46	6	891.59	6	1,154.41	6	1,417.22	6	1,680.04	6	1,942.85	6	2,205.66	6	2,468.48
1/4	114.68	1/4	377.43	1/4	639.79	1/4	897.07	1/4	1,159.88	1/4	1,422.70	1/4	1,685.51	1/4	1,948.33	1/4	2,211.14	1/4	2,473.95
1/2	120.14	1/2	382.91	1/2	645.11	1/2	902.54	1/2	1,165.36	1/2	1,428.17	1/2	1,690.99	1/2	1,953.80	1/2	2,216.61	1/2	2,479.43
3/4	125.61	3/4	388.38	3/4	650.44	3/4	908.02	3/4	1,170.83	3/4	1,433.65	3/4	1,696.46	3/4	1,959.28	3/4	2,222.09	3/4	2,484.90
7	131.07	7	393.86	7	655.76	7	913.49	7	1,176.31	7	1,439.12	7	1,701.94	7	1,964.75	7	2,227.57	7	2,490.38
1/4	136.54	1/4	399.33	1/4	661.09	1/4	918.97	1/4	1,181.78	1/4	1,444.60	1/4	1,707.41	1/4	1,970.23	1/4	2,233.04	1/4	2,495.86
1/2	142.01	1/2	404.81	1/2	666.42	1/2	924.44	1/2	1,187.26	1/2	1,450.07	1/2	1,712.89	1/2	1,975.70	1/2	2,238.52	1/2	2,501.33
3/4	147.49	3/4	410.28	3/4	671.74	3/4	929.92	3/4	1,192.73	3/4	1,455.55	3/4	1,718.36	3/4	1,981.18	3/4	2,243.99	3/4	2,506.81
8	152.96	8	415.76	8	677.07	8	935.39	8	1,198.21	8	1,461.02	8	1,723.84	8	1,986.65	8	2,249.47	8	2,512.28
1/4	158.43	1/4	421.23	1/4	682.39	1/4	940.87	1/4	1,203.68	1/4	1,466.50	1/4	1,729.31	1/4	1,992.13	1/4	2,254.94	1/4	2,517.76
1/2	163.91	1/2	426.71	1/2	687.72	1/2	946.35	1/2	1,209.16	1/2	1,471.97	1/2	1,734.79	1/2	1,997.60	1/2	2,260.42	1/2	2,523.23
3/4	169.38	3/4	432.18	3/4	693.04	3/4	951.82	3/4	1,214.64	3/4	1,477.45	3/4	1,740.26	3/4	2,003.08	3/4	2,265.89	3/4	2,528.71
9	174.86	9	437.66	9	698.37	9	957.30	9	1,220.11	9	1,482.92	9	1,745.74	9	2,008.55	9	2,271.37	9	2,534.18
1/4	180.33	1/4	443.13	1/4	703.69	1/4	962.77	1/4	1,225.59	1/4	1,488.40	1/4	1,751.21	1/4	2,014.03	1/4	2,276.84	1/4	2,539.66
1/2	185.81	1/2	448.61	1/2	709.02	1/2	968.25	1/2	1,231.06	1/2	1,493.88	1/2	1,756.69	1/2	2,019.50	1/2	2,282.32	1/2	2,545.13
3/4	191.28	3/4	454.08	3/4	714.34	3/4	973.72	3/4	1,236.54	3/4	1,499.35	3/4	1,762.17	3/4	2,024.98	3/4	2,287.79	3/4	2,550.61
10	196.76	10	459.56	10	719.67	10	979.20	10	1,242.01	10	1,504.83	10	1,767.64	10	2,030.45	10	2,293.27	10	2,556.08
1/4	202.23	1/4	465.04	1/4	724.99	1/4	984.67	1/4	1,247.49	1/4	1,510.30	1/4	1,773.12	1/4	2,035.93	1/4	2,298.74	1/4	2,561.56
1/2	207.71	1/2	470.51	1/2	730.32	1/2	990.15	1/2	1,252.96	1/2	1,515.78	1/2	1,778.59	1/2	2,041.41	1/2	2,304.22	1/2	2,567.03
3/4	213.18	3/4	475.99	3/4	735.65	3/4	995.62	3/4	1,258.44	3/4	1,521.25	3/4	1,784.07	3/4	2,046.88	3/4	2,309.70	3/4	2,572.51
11	218.66	11	481.46	11	740.97	11	1,001.10	11	1,263.91	11	1,526.73	11	1,789.54	11	2,052.36	11	2,315.17	11	2,577.98
1/4	224.13	1/4	486.94	1/4	746.30	1/4	1,006.57	1/4	1,269.39	1/4	1,532.20	1/4	1,795.02	1/4	2,057.83	1/4	2,320.65	1/4	2,583.46
1/2	229.61	1/2	492.41	1/2	751.62	1/2	1,012.05	1/2	1,274.86	1/2	1,537.68	1/2	1,800.49	1/2	2,063.31	1/2	2,326.12	1/2	2,588.94
3/4	235.08	3/4	497.89	3/4	756.95	3/4	1,017.52	3/4	1,280.34	3/4	1,543.15	3/4	1,805.97	3/4	2,068.78	3/4	2,331.60	3/4	2,594.41

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 1097"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	2,599.89	0	2,862.70	0	3,125.51	0	3,388.33	0	3,649.92	0		0		0		0		0	
1/4	2,605.36	1/4	2,868.18	1/4	3,130.99	1/4	3,393.80	1/4	3,653.98	1/4		1/4		1/4		1/4		1/4	
1/2	2,610.84	1/2	2,873.65	1/2	3,136.47	1/2	3,399.28	1/2	3,658.05	1/2		1/2		1/2		1/2		1/2	
3/4	2,616.31	3/4	2,879.13	3/4	3,141.94	3/4	3,404.76	3/4	3,662.12	3/4		3/4		3/4		3/4		3/4	
1	2,621.79	1	2,884.60	1	3,147.42	1	3,410.23	1	3,666.19	1		1		1		1		1	
1/4	2,627.26	1/4	2,890.08	1/4	3,152.89	1/4	3,415.71	1/4	3,668.47	1/4		1/4		1/4		1/4		1/4	
1/2	2,632.74	1/2	2,895.55	1/2	3,158.37	1/2	3,421.18	1/2	3,670.75	1/2		1/2		1/2		1/2		1/2	
3/4	2,638.21	3/4	2,901.03	3/4	3,163.84	3/4	3,426.66	3/4	3,673.03	3/4		3/4		3/4		3/4		3/4	
2	2,643.69	2	2,906.50	2	3,169.32	2	3,432.13	2	3,675.32	2		2		2		2		2	
1/4	2,649.16	1/4	2,911.98	1/4	3,174.79	1/4	3,437.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,654.64	1/2	2,917.45	1/2	3,180.27	1/2	3,443.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,660.11	3/4	2,922.93	3/4	3,185.74	3/4	3,448.56	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,665.59	3	2,928.40	3	3,191.22	3	3,454.03	3		3		3		3		3		3	
1/4	2,671.06	1/4	2,933.88	1/4	3,196.69	1/4	3,459.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,676.54	1/2	2,939.35	1/2	3,202.17	1/2	3,464.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,682.02	3/4	2,944.83	3/4	3,207.64	3/4	3,470.46	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,687.49	4	2,950.31	4	3,213.12	4	3,475.93	4		4		4		4		4		4	
1/4	2,692.97	1/4	2,955.78	1/4	3,218.59	1/4	3,481.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,698.44	1/2	2,961.26	1/2	3,224.07	1/2	3,486.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,703.92	3/4	2,966.73	3/4	3,229.55	3/4	3,492.36	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,709.39	5	2,972.21	5	3,235.02	5	3,497.84	5		5		5		5		5		5	
1/4	2,714.87	1/4	2,977.68	1/4	3,240.50	1/4	3,503.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,720.34	1/2	2,983.16	1/2	3,245.97	1/2	3,508.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,725.82	3/4	2,988.63	3/4	3,251.45	3/4	3,514.26	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,731.29	6	2,994.11	6	3,256.92	6	3,519.74	6		6		6		6		6		6	
1/4	2,736.77	1/4	2,999.58	1/4	3,262.40	1/4	3,525.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,742.24	1/2	3,005.06	1/2	3,267.87	1/2	3,530.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,747.72	3/4	3,010.53	3/4	3,273.35	3/4	3,536.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,753.19	7	3,016.01	7	3,278.82	7	3,541.64	7		7		7		7		7		7	
1/4	2,758.67	1/4	3,021.48	1/4	3,284.30	1/4	3,547.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,764.14	1/2	3,026.96	1/2	3,289.77	1/2	3,552.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,769.62	3/4	3,032.43	3/4	3,295.25	3/4	3,558.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,775.10	8	3,037.91	8	3,300.72	8	3,563.54	8		8		8		8		8		8	
1/4	2,780.57	1/4	3,043.39	1/4	3,306.20	1/4	3,569.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,786.05	1/2	3,048.86	1/2	3,311.67	1/2	3,574.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,791.52	3/4	3,054.34	3/4	3,317.15	3/4	3,579.97	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,797.00	9	3,059.81	9	3,322.63	9	3,585.44	9		9		9		9		9		9	
1/4	2,802.47	1/4	3,065.29	1/4	3,328.10	1/4	3,590.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,807.95	1/2	3,070.76	1/2	3,333.58	1/2	3,596.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,813.42	3/4	3,076.24	3/4	3,339.05	3/4	3,601.85	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,818.90	10	3,081.71	10	3,344.53	10	3,607.32	10		10		10		10		10		10	
1/4	2,824.37	1/4	3,087.19	1/4	3,350.00	1/4	3,612.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,829.85	1/2	3,092.66	1/2	3,355.48	1/2	3,618.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,835.32	3/4	3,098.14	3/4	3,360.95	3/4	3,623.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,840.80	11	3,103.61	11	3,366.43	11	3,629.14	11		11		11		11		11		11	
1/4	2,846.27	1/4	3,109.09	1/4	3,371.90	1/4	3,634.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,851.75	1/2	3,114.56	1/2	3,377.38	1/2	3,639.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,857.23	3/4	3,120.04	3/4	3,382.85	3/4	3,644.72	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2017 SW
CALCULATED: 11/17/2017 CL
PRINTED: 11/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2017

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



BARGE "IB 1097"

3 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	2.44	0	238.66	0	499.39	0	759.84	0	1,020.44	0	1,281.19	0	1,541.93	0	1,802.67	0	2,063.41	0	2,324.15
1/4	4.25	1/4	244.09	1/4	504.82	1/4	765.27	1/4	1,025.88	1/4	1,286.62	1/4	1,547.36	1/4	1,808.10	1/4	2,068.84	1/4	2,329.58
1/2	6.06	1/2	249.52	1/2	510.25	1/2	770.69	1/2	1,031.31	1/2	1,292.05	1/2	1,552.79	1/2	1,813.53	1/2	2,074.27	1/2	2,335.01
3/4	7.87	3/4	254.96	3/4	515.68	3/4	776.11	3/4	1,036.74	3/4	1,297.48	3/4	1,558.22	3/4	1,818.96	3/4	2,079.70	3/4	2,340.44
1	9.68	1	260.39	1	521.11	1	781.53	1	1,042.17	1	1,302.91	1	1,563.65	1	1,824.40	1	2,085.14	1	2,345.88
1/4	13.30	1/4	265.82	1/4	526.55	1/4	786.95	1/4	1,047.61	1/4	1,308.35	1/4	1,569.09	1/4	1,829.83	1/4	2,090.57	1/4	2,351.31
1/2	16.91	1/2	271.25	1/2	531.98	1/2	792.37	1/2	1,053.04	1/2	1,313.78	1/2	1,574.52	1/2	1,835.26	1/2	2,096.00	1/2	2,356.74
3/4	20.53	3/4	276.68	3/4	537.41	3/4	797.80	3/4	1,058.47	3/4	1,319.21	3/4	1,579.95	3/4	1,840.69	3/4	2,101.43	3/4	2,362.17
2	24.15	2	282.12	2	542.84	2	803.22	2	1,063.90	2	1,324.64	2	1,585.38	2	1,846.12	2	2,106.86	2	2,367.61
1/4	29.07	1/4	287.55	1/4	548.27	1/4	808.64	1/4	1,069.33	1/4	1,330.07	1/4	1,590.82	1/4	1,851.56	1/4	2,112.30	1/4	2,373.04
1/2	33.99	1/2	292.98	1/2	553.71	1/2	814.06	1/2	1,074.77	1/2	1,335.51	1/2	1,596.25	1/2	1,856.99	1/2	2,117.73	1/2	2,378.47
3/4	38.90	3/4	298.41	3/4	559.14	3/4	819.48	3/4	1,080.20	3/4	1,340.94	3/4	1,601.68	3/4	1,862.42	3/4	2,123.16	3/4	2,383.90
3	43.82	3	303.84	3	564.57	3	824.91	3	1,085.63	3	1,346.37	3	1,607.11	3	1,867.85	3	2,128.59	3	2,389.33
1/4	49.17	1/4	309.27	1/4	570.00	1/4	830.34	1/4	1,091.06	1/4	1,351.80	1/4	1,612.54	1/4	1,873.28	1/4	2,134.03	1/4	2,394.77
1/2	54.51	1/2	314.71	1/2	575.43	1/2	835.76	1/2	1,096.49	1/2	1,357.23	1/2	1,617.98	1/2	1,878.72	1/2	2,139.46	1/2	2,400.20
3/4	59.86	3/4	320.14	3/4	580.86	3/4	841.19	3/4	1,101.93	3/4	1,362.67	3/4	1,623.41	3/4	1,884.15	3/4	2,144.89	3/4	2,405.63
4	65.20	4	325.57	4	586.30	4	846.62	4	1,107.36	4	1,368.10	4	1,628.84	4	1,889.58	4	2,150.32	4	2,411.06
1/4	70.58	1/4	331.00	1/4	591.73	1/4	852.05	1/4	1,112.79	1/4	1,373.53	1/4	1,634.27	1/4	1,895.01	1/4	2,155.75	1/4	2,416.49
1/2	75.97	1/2	336.43	1/2	597.16	1/2	857.48	1/2	1,118.22	1/2	1,378.96	1/2	1,639.70	1/2	1,900.44	1/2	2,161.19	1/2	2,421.93
3/4	81.35	3/4	341.87	3/4	602.59	3/4	862.91	3/4	1,123.65	3/4	1,384.40	3/4	1,645.14	3/4	1,905.88	3/4	2,166.62	3/4	2,427.36
5	86.73	5	347.30	5	608.02	5	868.35	5	1,129.09	5	1,389.83	5	1,650.57	5	1,911.31	5	2,172.05	5	2,432.79
1/4	92.14	1/4	352.73	1/4	613.45	1/4	873.78	1/4	1,134.52	1/4	1,395.26	1/4	1,656.00	1/4	1,916.74	1/4	2,177.48	1/4	2,438.22
1/2	97.55	1/2	358.16	1/2	618.88	1/2	879.21	1/2	1,139.95	1/2	1,400.69	1/2	1,661.43	1/2	1,922.17	1/2	2,182.91	1/2	2,443.65
3/4	102.95	3/4	363.59	3/4	624.31	3/4	884.64	3/4	1,145.38	3/4	1,406.12	3/4	1,666.86	3/4	1,927.61	3/4	2,188.35	3/4	2,449.09
6	108.36	6	369.02	6	629.73	6	890.07	6	1,150.81	6	1,411.56	6	1,672.30	6	1,933.04	6	2,193.78	6	2,454.52
1/4	113.78	1/4	374.46	1/4	635.16	1/4	895.51	1/4	1,156.25	1/4	1,416.99	1/4	1,677.73	1/4	1,938.47	1/4	2,199.21	1/4	2,459.95
1/2	119.20	1/2	379.89	1/2	640.58	1/2	900.94	1/2	1,161.68	1/2	1,422.42	1/2	1,683.16	1/2	1,943.90	1/2	2,204.64	1/2	2,465.38
3/4	124.62	3/4	385.32	3/4	646.00	3/4	906.37	3/4	1,167.11	3/4	1,427.85	3/4	1,688.59	3/4	1,949.33	3/4	2,210.07	3/4	2,470.82
7	130.04	7	390.75	7	651.42	7	911.80	7	1,172.54	7	1,433.28	7	1,694.02	7	1,954.77	7	2,215.51	7	2,476.25
1/4	135.47	1/4	396.18	1/4	656.84	1/4	917.23	1/4	1,177.98	1/4	1,438.72	1/4	1,699.46	1/4	1,960.20	1/4	2,220.94	1/4	2,481.68
1/2	140.90	1/2	401.62	1/2	662.26	1/2	922.67	1/2	1,183.41	1/2	1,444.15	1/2	1,704.89	1/2	1,965.63	1/2	2,226.37	1/2	2,487.11
3/4	146.33	3/4	407.05	3/4	667.68	3/4	928.10	3/4	1,188.84	3/4	1,449.58	3/4	1,710.32	3/4	1,971.06	3/4	2,231.80	3/4	2,492.54
8	151.76	8	412.48	8	673.10	8	933.53	8	1,194.27	8	1,455.01	8	1,715.75	8	1,976.49	8	2,237.23	8	2,497.98
1/4	157.19	1/4	417.91	1/4	678.53	1/4	938.96	1/4	1,199.70	1/4	1,460.44	1/4	1,721.19	1/4	1,981.93	1/4	2,242.67	1/4	2,503.41
1/2	162.62	1/2	423.34	1/2	683.95	1/2	944.40	1/2	1,205.14	1/2	1,465.88	1/2	1,726.62	1/2	1,987.36	1/2	2,248.10	1/2	2,508.84
3/4	168.05	3/4	428.77	3/4	689.37	3/4	949.83	3/4	1,210.57	3/4	1,471.31	3/4	1,732.05	3/4	1,992.79	3/4	2,253.53	3/4	2,514.27
9	173.48	9	434.21	9	694.79	9	955.26	9	1,216.00	9	1,476.74	9	1,737.48	9	1,998.22	9	2,258.96	9	2,519.70
1/4	178.91	1/4	439.64	1/4	700.21	1/4	960.69	1/4	1,221.43	1/4	1,482.17	1/4	1,742.91	1/4	2,003.65	1/4	2,264.40	1/4	2,525.14
1/2	184.34	1/2	445.07	1/2	705.63	1/2	966.12	1/2	1,226.86	1/2	1,487.61	1/2	1,748.35	1/2	2,009.09	1/2	2,269.83	1/2	2,530.57
3/4	189.78	3/4	450.50	3/4	711.05	3/4	971.56	3/4	1,232.30	3/4	1,493.04	3/4	1,753.78	3/4	2,014.52	3/4	2,275.26	3/4	2,536.00
10	195.21	10	455.93	10	716.47	10	976.99	10	1,237.73	10	1,498.47	10	1,759.21	10	2,019.95	10	2,280.69	10	2,541.43
1/4	200.64	1/4	461.37	1/4	721.90	1/4	982.42	1/4	1,243.16	1/4	1,503.90	1/4	1,764.64	1/4	2,025.38	1/4	2,286.12	1/4	2,546.86
1/2	206.07	1/2	466.80	1/2	727.32	1/2	987.85	1/2	1,248.59	1/2	1,509.33	1/2	1,770.07	1/2	2,030.82	1/2	2,291.56	1/2	2,552.30
3/4	211.50	3/4	472.23	3/4	732.74	3/4	993.28	3/4	1,254.02	3/4	1,514.77	3/4	1,775.51	3/4	2,036.25	3/4	2,296.99	3/4	2,557.73
11	216.93	11	477.66	11	738.16	11	998.72	11	1,259.46	11	1,520.20	11	1,780.94	11	2,041.68	11	2,302.42	11	2,563.16
1/4	222.37	1/4	483.09	1/4	743.58	1/4	1,004.15	1/4	1,264.89	1/4	1,525.63	1/4	1,786.37	1/4	2,047.11	1/4	2,307.85	1/4	2,568.59
1/2	227.80	1/2	488.52	1/2	749.00	1/2	1,009.58	1/2	1,270.32	1/2	1,531.06	1/2	1,791.80	1/2	2,052.54	1/2	2,313.28	1/2	2,574.03
3/4	233.23	3/4	493.96	3/4	754.42	3/4	1,015.01	3/4	1,275.75	3/4	1,536.49	3/4	1,797.23	3/4	2,057.98	3/4	2,318.72	3/4	2,579.46

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 1097"

3 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	2,584.89	0	2,845.63	0	3,106.37	0	3,367.11	0	3,626.61	0		0		0		0		0	
1/4	2,590.32	1/4	2,851.06	1/4	3,111.80	1/4	3,372.54	1/4	3,630.65	1/4		1/4		1/4		1/4		1/4	
1/2	2,595.75	1/2	2,856.49	1/2	3,117.24	1/2	3,377.98	1/2	3,634.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,601.19	3/4	2,861.93	3/4	3,122.67	3/4	3,383.41	3/4	3,638.72	3/4		3/4		3/4		3/4		3/4	
1	2,606.62	1	2,867.36	1	3,128.10	1	3,388.84	1	3,642.76	1		1		1		1		1	
1/4	2,612.05	1/4	2,872.79	1/4	3,133.53	1/4	3,394.27	1/4	3,645.02	1/4		1/4		1/4		1/4		1/4	
1/2	2,617.48	1/2	2,878.22	1/2	3,138.96	1/2	3,399.70	1/2	3,647.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,622.91	3/4	2,883.65	3/4	3,144.40	3/4	3,405.14	3/4	3,649.55	3/4		3/4		3/4		3/4		3/4	
2	2,628.35	2	2,889.09	2	3,149.83	2	3,410.57	2	3,651.81	2		2		2		2		2	
1/4	2,633.78	1/4	2,894.52	1/4	3,155.26	1/4	3,416.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,639.21	1/2	2,899.95	1/2	3,160.69	1/2	3,421.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,644.64	3/4	2,905.38	3/4	3,166.12	3/4	3,426.86	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,650.07	3	2,910.82	3	3,171.56	3	3,432.30	3		3		3		3		3		3	
1/4	2,655.51	1/4	2,916.25	1/4	3,176.99	1/4	3,437.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,660.94	1/2	2,921.68	1/2	3,182.42	1/2	3,443.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,666.37	3/4	2,927.11	3/4	3,187.85	3/4	3,448.59	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,671.80	4	2,932.54	4	3,193.28	4	3,454.03	4		4		4		4		4		4	
1/4	2,677.24	1/4	2,937.98	1/4	3,198.72	1/4	3,459.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,682.67	1/2	2,943.41	1/2	3,204.15	1/2	3,464.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,688.10	3/4	2,948.84	3/4	3,209.58	3/4	3,470.32	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,693.53	5	2,954.27	5	3,215.01	5	3,475.75	5		5		5		5		5		5	
1/4	2,698.96	1/4	2,959.70	1/4	3,220.45	1/4	3,481.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,704.40	1/2	2,965.14	1/2	3,225.88	1/2	3,486.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,709.83	3/4	2,970.57	3/4	3,231.31	3/4	3,492.05	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,715.26	6	2,976.00	6	3,236.74	6	3,497.48	6		6		6		6		6		6	
1/4	2,720.69	1/4	2,981.43	1/4	3,242.17	1/4	3,502.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,726.12	1/2	2,986.86	1/2	3,247.61	1/2	3,508.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,731.56	3/4	2,992.30	3/4	3,253.04	3/4	3,513.78	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,736.99	7	2,997.73	7	3,258.47	7	3,519.21	7		7		7		7		7		7	
1/4	2,742.42	1/4	3,003.16	1/4	3,263.90	1/4	3,524.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,747.85	1/2	3,008.59	1/2	3,269.33	1/2	3,530.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,753.28	3/4	3,014.03	3/4	3,274.77	3/4	3,535.51	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,758.72	8	3,019.46	8	3,280.20	8	3,540.94	8		8		8		8		8		8	
1/4	2,764.15	1/4	3,024.89	1/4	3,285.63	1/4	3,546.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,769.58	1/2	3,030.32	1/2	3,291.06	1/2	3,551.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,775.01	3/4	3,035.75	3/4	3,296.49	3/4	3,557.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,780.44	9	3,041.19	9	3,301.93	9	3,562.65	9		9		9		9		9		9	
1/4	2,785.88	1/4	3,046.62	1/4	3,307.36	1/4	3,568.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,791.31	1/2	3,052.05	1/2	3,312.79	1/2	3,573.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,796.74	3/4	3,057.48	3/4	3,318.22	3/4	3,578.93	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,802.17	10	3,062.91	10	3,323.65	10	3,584.36	10		10		10		10		10		10	
1/4	2,807.61	1/4	3,068.35	1/4	3,329.09	1/4	3,589.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,813.04	1/2	3,073.78	1/2	3,334.52	1/2	3,595.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,818.47	3/4	3,079.21	3/4	3,339.95	3/4	3,600.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,823.90	11	3,084.64	11	3,345.38	11	3,606.01	11		11		11		11		11		11	
1/4	2,829.33	1/4	3,090.07	1/4	3,350.82	1/4	3,611.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,834.77	1/2	3,095.51	1/2	3,356.25	1/2	3,616.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,840.20	3/4	3,100.94	3/4	3,361.68	3/4	3,621.46	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/16/2017 SW
CALCULATED: 11/17/2017 CL
PRINTED: 11/17/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
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