



BARGE "IB 1089"

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 27, 2017

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

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BARGE "IB 1089"

1 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	6.11	0	275.77	0	573.01	0	866.30	0	1,161.30	0	1,458.36	0	1,755.05	0	2,052.28	0	2,349.50	0	2,646.72
1/4	8.18	1/4	281.96	1/4	579.20	1/4	872.34	1/4	1,167.49	1/4	1,464.54	1/4	1,761.24	1/4	2,058.47	1/4	2,355.69	1/4	2,652.91
1/2	10.25	1/2	288.15	1/2	585.40	1/2	878.38	1/2	1,173.68	1/2	1,470.72	1/2	1,767.43	1/2	2,064.66	1/2	2,361.89	1/2	2,659.10
3/4	12.32	3/4	294.35	3/4	591.59	3/4	884.42	3/4	1,179.87	3/4	1,476.90	3/4	1,773.63	3/4	2,070.86	3/4	2,368.08	3/4	2,665.30
1	14.38	1	300.54	1	597.78	1	890.46	1	1,186.06	1	1,483.07	1	1,779.82	1	2,077.05	1	2,374.27	1	2,671.49
1/4	18.52	1/4	306.73	1/4	603.97	1/4	896.50	1/4	1,192.25	1/4	1,489.25	1/4	1,786.01	1/4	2,083.24	1/4	2,380.46	1/4	2,677.68
1/2	22.65	1/2	312.92	1/2	610.17	1/2	902.54	1/2	1,198.44	1/2	1,495.43	1/2	1,792.20	1/2	2,089.43	1/2	2,386.65	1/2	2,683.87
3/4	26.78	3/4	319.12	3/4	616.36	3/4	908.58	3/4	1,204.63	3/4	1,501.61	3/4	1,798.40	3/4	2,095.63	3/4	2,392.84	3/4	2,690.07
2	30.91	2	325.31	2	622.55	2	914.62	2	1,210.81	2	1,507.79	2	1,804.59	2	2,101.82	2	2,399.04	2	2,696.26
1/4	36.53	1/4	331.50	1/4	628.74	1/4	920.66	1/4	1,217.00	1/4	1,513.96	1/4	1,810.78	1/4	2,108.01	1/4	2,405.23	1/4	2,702.45
1/2	42.15	1/2	337.69	1/2	634.94	1/2	926.70	1/2	1,223.19	1/2	1,520.14	1/2	1,816.97	1/2	2,114.20	1/2	2,411.42	1/2	2,708.64
3/4	47.77	3/4	343.89	3/4	641.13	3/4	932.74	3/4	1,229.38	3/4	1,526.32	3/4	1,823.16	3/4	2,120.40	3/4	2,417.61	3/4	2,714.84
3	53.39	3	350.08	3	647.32	3	938.79	3	1,235.57	3	1,532.50	3	1,829.36	3	2,126.59	3	2,423.80	3	2,721.03
1/4	59.49	1/4	356.27	1/4	653.51	1/4	944.90	1/4	1,241.76	1/4	1,538.68	1/4	1,835.55	1/4	2,132.78	1/4	2,429.99	1/4	2,727.22
1/2	65.59	1/2	362.47	1/2	659.71	1/2	951.02	1/2	1,247.95	1/2	1,544.85	1/2	1,841.74	1/2	2,138.97	1/2	2,436.19	1/2	2,733.41
3/4	71.70	3/4	368.66	3/4	665.90	3/4	957.13	3/4	1,254.14	3/4	1,551.03	3/4	1,847.93	3/4	2,145.16	3/4	2,442.38	3/4	2,739.60
4	77.80	4	374.85	4	672.09	4	963.25	4	1,260.33	4	1,557.21	4	1,854.13	4	2,151.36	4	2,448.57	4	2,745.80
1/4	83.95	1/4	381.04	1/4	678.28	1/4	969.44	1/4	1,266.52	1/4	1,563.39	1/4	1,860.32	1/4	2,157.55	1/4	2,454.76	1/4	2,751.99
1/2	90.10	1/2	387.24	1/2	684.48	1/2	975.63	1/2	1,272.71	1/2	1,569.57	1/2	1,866.51	1/2	2,163.74	1/2	2,460.95	1/2	2,758.18
3/4	96.25	3/4	393.43	3/4	690.67	3/4	981.81	3/4	1,278.90	3/4	1,575.74	3/4	1,872.70	3/4	2,169.93	3/4	2,467.14	3/4	2,764.37
5	102.40	5	399.62	5	696.86	5	988.00	5	1,285.09	5	1,581.92	5	1,878.90	5	2,176.13	5	2,473.34	5	2,770.57
1/4	108.57	1/4	405.81	1/4	702.98	1/4	994.19	1/4	1,291.27	1/4	1,588.10	1/4	1,885.09	1/4	2,182.32	1/4	2,479.53	1/4	2,776.76
1/2	114.75	1/2	412.01	1/2	709.09	1/2	1,000.38	1/2	1,297.46	1/2	1,594.28	1/2	1,891.28	1/2	2,188.51	1/2	2,485.72	1/2	2,782.95
3/4	120.92	3/4	418.20	3/4	715.21	3/4	1,006.57	3/4	1,303.65	3/4	1,600.46	3/4	1,897.47	3/4	2,194.70	3/4	2,491.91	3/4	2,789.14
6	127.10	6	424.39	6	721.33	6	1,012.76	6	1,309.84	6	1,606.63	6	1,903.66	6	2,200.89	6	2,498.10	6	2,795.34
1/4	133.29	1/4	430.58	1/4	727.37	1/4	1,018.95	1/4	1,316.03	1/4	1,612.81	1/4	1,909.86	1/4	2,207.09	1/4	2,504.30	1/4	2,801.53
1/2	139.48	1/2	436.78	1/2	733.41	1/2	1,025.14	1/2	1,322.22	1/2	1,618.99	1/2	1,916.05	1/2	2,213.28	1/2	2,510.49	1/2	2,807.72
3/4	145.67	3/4	442.97	3/4	739.45	3/4	1,031.33	3/4	1,328.41	3/4	1,625.17	3/4	1,922.24	3/4	2,219.47	3/4	2,516.68	3/4	2,813.91
7	151.86	7	449.16	7	745.49	7	1,037.52	7	1,334.60	7	1,631.35	7	1,928.43	7	2,225.66	7	2,522.87	7	2,820.10
1/4	158.05	1/4	455.35	1/4	751.53	1/4	1,043.71	1/4	1,340.79	1/4	1,637.52	1/4	1,934.63	1/4	2,231.86	1/4	2,529.07	1/4	2,826.30
1/2	164.24	1/2	461.55	1/2	757.57	1/2	1,049.90	1/2	1,346.98	1/2	1,643.70	1/2	1,940.82	1/2	2,238.05	1/2	2,535.26	1/2	2,832.49
3/4	170.44	3/4	467.74	3/4	763.61	3/4	1,056.08	3/4	1,353.17	3/4	1,649.88	3/4	1,947.01	3/4	2,244.24	3/4	2,541.45	3/4	2,838.68
8	176.63	8	473.93	8	769.65	8	1,062.27	8	1,359.36	8	1,656.06	8	1,953.20	8	2,250.43	8	2,547.64	8	2,844.87
1/4	182.83	1/4	480.12	1/4	775.69	1/4	1,068.46	1/4	1,365.54	1/4	1,662.24	1/4	1,959.40	1/4	2,256.63	1/4	2,553.84	1/4	2,851.07
1/2	189.02	1/2	486.32	1/2	781.73	1/2	1,074.65	1/2	1,371.73	1/2	1,668.41	1/2	1,965.59	1/2	2,262.82	1/2	2,560.03	1/2	2,857.26
3/4	195.22	3/4	492.51	3/4	787.77	3/4	1,080.84	3/4	1,377.92	3/4	1,674.59	3/4	1,971.78	3/4	2,269.01	3/4	2,566.22	3/4	2,863.45
9	201.42	9	498.70	9	793.81	9	1,087.03	9	1,384.11	9	1,680.77	9	1,977.97	9	2,275.20	9	2,572.41	9	2,869.64
1/4	207.62	1/4	504.89	1/4	799.85	1/4	1,093.22	1/4	1,390.30	1/4	1,686.96	1/4	1,984.16	1/4	2,281.39	1/4	2,578.60	1/4	2,875.83
1/2	213.82	1/2	511.09	1/2	805.89	1/2	1,099.41	1/2	1,396.49	1/2	1,693.14	1/2	1,990.36	1/2	2,287.58	1/2	2,584.80	1/2	2,881.12
3/4	220.01	3/4	517.28	3/4	811.93	3/4	1,105.60	3/4	1,402.68	3/4	1,699.33	3/4	1,996.55	3/4	2,293.78	3/4	2,590.99	3/4	2,886.86
10	226.21	10	523.47	10	817.97	10	1,111.79	10	1,408.87	10	1,705.51	10	2,002.74	10	2,299.97	10	2,597.18	10	2,892.60
1/4	232.41	1/4	529.66	1/4	824.01	1/4	1,117.98	1/4	1,415.06	1/4	1,711.70	1/4	2,008.93	1/4	2,306.16	1/4	2,603.37	1/4	2,897.89
1/2	238.61	1/2	535.86	1/2	830.05	1/2	1,124.17	1/2	1,421.25	1/2	1,717.90	1/2	2,015.13	1/2	2,312.35	1/2	2,609.57	1/2	2,903.18
3/4	244.80	3/4	542.05	3/4	836.09	3/4	1,130.36	3/4	1,427.44	3/4	1,724.09	3/4	2,021.32	3/4	2,318.54	3/4	2,615.76	3/4	2,908.47
11	251.00	11	548.24	11	842.13	11	1,136.54	11	1,433.63	11	1,730.28	11	2,027.51	11	2,324.73	11	2,621.95	11	2,913.76
1/4	257.19	1/4	554.43	1/4	848.18	1/4	1,142.73	1/4	1,439.81	1/4	1,736.47	1/4	2,033.70	1/4	2,330.93	1/4	2,628.14	1/4	2,919.06
1/2	263.38	1/2	560.63	1/2	854.22	1/2	1,148.92	1/2	1,445.99	1/2	1,742.66	1/2	2,039.90	1/2	2,337.12	1/2	2,634.34	1/2	2,924.35
3/4	269.57	3/4	566.82	3/4	860.26	3/4	1,155.11	3/4	1,452.18	3/4	1,748.86	3/4	2,046.09	3/4	2,343.31	3/4	2,640.53	3/4	2,929.65

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 1089"

1 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	2,934.94	0	3,189.18	0	3,443.41	0	3,697.64	0	3,950.49	0		0		0		0		0	
1/4	2,940.24	1/4	3,194.47	1/4	3,448.71	1/4	3,702.94	1/4	3,954.19	1/4		1/4		1/4		1/4		1/4	
1/2	2,945.54	1/2	3,199.77	1/2	3,454.00	1/2	3,708.23	1/2	3,957.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,950.83	3/4	3,205.07	3/4	3,459.30	3/4	3,713.53	3/4	3,961.59	3/4		3/4		3/4		3/4		3/4	
1	2,956.13	1	3,210.36	1	3,464.59	1	3,718.83	1	3,965.30	1		1		1		1		1	
1/4	2,961.43	1/4	3,215.66	1/4	3,469.89	1/4	3,724.12	1/4	3,967.43	1/4		1/4		1/4		1/4		1/4	
1/2	2,966.72	1/2	3,220.96	1/2	3,475.19	1/2	3,729.42	1/2	3,969.56	1/2		1/2		1/2		1/2		1/2	
3/4	2,972.02	3/4	3,226.25	3/4	3,480.48	3/4	3,734.72	3/4	3,971.69	3/4		3/4		3/4		3/4		3/4	
2	2,977.32	2	3,231.55	2	3,485.78	2	3,740.01	2	3,973.82	2		2		2		2		2	
1/4	2,982.61	1/4	3,236.85	1/4	3,491.08	1/4	3,745.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,987.91	1/2	3,242.14	1/2	3,496.37	1/2	3,750.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,993.21	3/4	3,247.44	3/4	3,501.67	3/4	3,755.90	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,998.50	3	3,252.73	3	3,506.97	3	3,761.20	3		3		3		3		3		3	
1/4	3,003.80	1/4	3,258.03	1/4	3,512.26	1/4	3,766.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,009.10	1/2	3,263.33	1/2	3,517.56	1/2	3,771.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,014.39	3/4	3,268.62	3/4	3,522.86	3/4	3,777.09	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,019.69	4	3,273.92	4	3,528.15	4	3,782.38	4		4		4		4		4		4	
1/4	3,024.99	1/4	3,279.22	1/4	3,533.45	1/4	3,787.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,030.28	1/2	3,284.51	1/2	3,538.75	1/2	3,792.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,035.58	3/4	3,289.81	3/4	3,544.04	3/4	3,798.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,040.87	5	3,295.11	5	3,549.34	5	3,803.57	5		5		5		5		5		5	
1/4	3,046.17	1/4	3,300.40	1/4	3,554.64	1/4	3,808.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,051.47	1/2	3,305.70	1/2	3,559.93	1/2	3,814.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,056.76	3/4	3,311.00	3/4	3,565.23	3/4	3,819.46	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,062.06	6	3,316.29	6	3,570.52	6	3,824.76	6		6		6		6		6		6	
1/4	3,067.36	1/4	3,321.59	1/4	3,575.82	1/4	3,830.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,072.65	1/2	3,326.89	1/2	3,581.12	1/2	3,835.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,077.95	3/4	3,332.18	3/4	3,586.41	3/4	3,840.65	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,083.25	7	3,337.48	7	3,591.71	7	3,845.94	7		7		7		7		7		7	
1/4	3,088.54	1/4	3,342.78	1/4	3,597.01	1/4	3,851.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,093.84	1/2	3,348.07	1/2	3,602.30	1/2	3,856.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,099.14	3/4	3,353.37	3/4	3,607.60	3/4	3,861.83	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,104.43	8	3,358.66	8	3,612.90	8	3,867.13	8		8		8		8		8		8	
1/4	3,109.73	1/4	3,363.96	1/4	3,618.19	1/4	3,872.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,115.03	1/2	3,369.26	1/2	3,623.49	1/2	3,877.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,120.32	3/4	3,374.55	3/4	3,628.79	3/4	3,883.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,125.62	9	3,379.85	9	3,634.08	9	3,888.32	9		9		9		9		9		9	
1/4	3,130.92	1/4	3,385.15	1/4	3,639.38	1/4	3,893.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,136.21	1/2	3,390.44	1/2	3,644.68	1/2	3,898.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,141.51	3/4	3,395.74	3/4	3,649.97	3/4	3,904.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,146.80	10	3,401.04	10	3,655.27	10	3,909.49	10		10		10		10		10		10	
1/4	3,152.10	1/4	3,406.33	1/4	3,660.57	1/4	3,914.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,157.40	1/2	3,411.63	1/2	3,665.86	1/2	3,920.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,162.69	3/4	3,416.93	3/4	3,671.16	3/4	3,925.31	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,167.99	11	3,422.22	11	3,676.45	11	3,930.58	11		11		11		11		11		11	
1/4	3,173.29	1/4	3,427.52	1/4	3,681.75	1/4	3,935.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,178.58	1/2	3,432.82	1/2	3,687.05	1/2	3,940.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,183.88	3/4	3,438.11	3/4	3,692.34	3/4	3,945.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/2017 CL
CALCULATED: 06/27/2017 CL
PRINTED: 06/27/2017 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 1089"

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	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 1089"

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	2,605.25	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: 06/26/2017 CL
CALCULATED: 06/27/2017 CL
PRINTED: 06/27/2017 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 1089"

3 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	2.44	0	239.34	0	500.81	0	762.00	0	1,023.34	0	1,284.82	0	1,546.30	0	1,807.78	0	2,069.26	0	2,330.74
1/4	4.26	1/4	244.79	1/4	506.26	1/4	767.44	1/4	1,028.79	1/4	1,290.27	1/4	1,551.75	1/4	1,813.23	1/4	2,074.71	1/4	2,336.19
1/2	6.07	1/2	250.23	1/2	511.70	1/2	772.87	1/2	1,034.24	1/2	1,295.72	1/2	1,557.20	1/2	1,818.68	1/2	2,080.16	1/2	2,341.64
3/4	7.89	3/4	255.68	3/4	517.15	3/4	778.31	3/4	1,039.68	3/4	1,301.16	3/4	1,562.64	3/4	1,824.12	3/4	2,085.60	3/4	2,347.08
1	9.71	1	261.13	1	522.60	1	783.75	1	1,045.13	1	1,306.61	1	1,568.09	1	1,829.57	1	2,091.05	1	2,352.53
1/4	13.33	1/4	266.58	1/4	528.05	1/4	789.19	1/4	1,050.58	1/4	1,312.06	1/4	1,573.54	1/4	1,835.02	1/4	2,096.50	1/4	2,357.98
1/2	16.96	1/2	272.02	1/2	533.49	1/2	794.62	1/2	1,056.03	1/2	1,317.51	1/2	1,578.99	1/2	1,840.47	1/2	2,101.95	1/2	2,363.43
3/4	20.59	3/4	277.47	3/4	538.94	3/4	800.06	3/4	1,061.47	3/4	1,322.95	3/4	1,584.43	3/4	1,845.91	3/4	2,107.39	3/4	2,368.87
2	24.22	2	282.92	2	544.39	2	805.50	2	1,066.92	2	1,328.40	2	1,589.88	2	1,851.36	2	2,112.84	2	2,374.32
1/4	29.15	1/4	288.36	1/4	549.84	1/4	810.93	1/4	1,072.37	1/4	1,333.85	1/4	1,595.33	1/4	1,856.81	1/4	2,118.29	1/4	2,379.77
1/2	34.08	1/2	293.81	1/2	555.28	1/2	816.37	1/2	1,077.82	1/2	1,339.30	1/2	1,600.78	1/2	1,862.26	1/2	2,123.74	1/2	2,385.22
3/4	39.01	3/4	299.26	3/4	560.73	3/4	821.81	3/4	1,083.26	3/4	1,344.74	3/4	1,606.22	3/4	1,867.70	3/4	2,129.18	3/4	2,390.66
3	43.95	3	304.71	3	566.18	3	827.25	3	1,088.71	3	1,350.19	3	1,611.67	3	1,873.15	3	2,134.63	3	2,396.11
1/4	49.31	1/4	310.15	1/4	571.62	1/4	832.69	1/4	1,094.16	1/4	1,355.64	1/4	1,617.12	1/4	1,878.60	1/4	2,140.08	1/4	2,401.56
1/2	54.67	1/2	315.60	1/2	577.07	1/2	838.13	1/2	1,099.61	1/2	1,361.09	1/2	1,622.57	1/2	1,884.05	1/2	2,145.53	1/2	2,407.01
3/4	60.03	3/4	321.05	3/4	582.52	3/4	843.58	3/4	1,105.05	3/4	1,366.53	3/4	1,628.01	3/4	1,889.49	3/4	2,150.97	3/4	2,412.45
4	65.39	4	326.50	4	587.97	4	849.02	4	1,110.50	4	1,371.98	4	1,633.46	4	1,894.94	4	2,156.42	4	2,417.90
1/4	70.78	1/4	331.94	1/4	593.41	1/4	854.47	1/4	1,115.95	1/4	1,377.43	1/4	1,638.91	1/4	1,900.39	1/4	2,161.87	1/4	2,423.35
1/2	76.18	1/2	337.39	1/2	598.86	1/2	859.92	1/2	1,121.40	1/2	1,382.88	1/2	1,644.36	1/2	1,905.84	1/2	2,167.32	1/2	2,428.80
3/4	81.58	3/4	342.84	3/4	604.31	3/4	865.36	3/4	1,126.84	3/4	1,388.32	3/4	1,649.80	3/4	1,911.28	3/4	2,172.76	3/4	2,434.24
5	86.98	5	348.29	5	609.76	5	870.81	5	1,132.29	5	1,393.77	5	1,655.25	5	1,916.73	5	2,178.21	5	2,439.69
1/4	92.40	1/4	353.73	1/4	615.20	1/4	876.26	1/4	1,137.74	1/4	1,399.22	1/4	1,660.70	1/4	1,922.18	1/4	2,183.66	1/4	2,445.14
1/2	97.82	1/2	359.18	1/2	620.64	1/2	881.71	1/2	1,143.19	1/2	1,404.67	1/2	1,666.15	1/2	1,927.63	1/2	2,189.11	1/2	2,450.59
3/4	103.25	3/4	364.63	3/4	626.08	3/4	887.15	3/4	1,148.63	3/4	1,410.11	3/4	1,671.59	3/4	1,933.07	3/4	2,194.55	3/4	2,456.03
6	108.67	6	370.07	6	631.52	6	892.60	6	1,154.08	6	1,415.56	6	1,677.04	6	1,938.52	6	2,200.00	6	2,461.48
1/4	114.10	1/4	375.52	1/4	636.96	1/4	898.05	1/4	1,159.53	1/4	1,421.01	1/4	1,682.49	1/4	1,943.97	1/4	2,205.45	1/4	2,466.93
1/2	119.54	1/2	380.97	1/2	642.39	1/2	903.50	1/2	1,164.98	1/2	1,426.46	1/2	1,687.94	1/2	1,949.42	1/2	2,210.90	1/2	2,472.38
3/4	124.98	3/4	386.42	3/4	647.83	3/4	908.94	3/4	1,170.42	3/4	1,431.90	3/4	1,693.38	3/4	1,954.86	3/4	2,216.34	3/4	2,477.82
7	130.41	7	391.86	7	653.27	7	914.39	7	1,175.87	7	1,437.35	7	1,698.83	7	1,960.31	7	2,221.79	7	2,483.27
1/4	135.86	1/4	397.31	1/4	658.70	1/4	919.84	1/4	1,181.32	1/4	1,442.80	1/4	1,704.28	1/4	1,965.76	1/4	2,227.24	1/4	2,488.72
1/2	141.30	1/2	402.76	1/2	664.14	1/2	925.29	1/2	1,186.77	1/2	1,448.25	1/2	1,709.73	1/2	1,971.21	1/2	2,232.69	1/2	2,494.17
3/4	146.74	3/4	408.21	3/4	669.58	3/4	930.73	3/4	1,192.21	3/4	1,453.69	3/4	1,715.17	3/4	1,976.65	3/4	2,238.13	3/4	2,499.61
8	152.19	8	413.65	8	675.01	8	936.18	8	1,197.66	8	1,459.14	8	1,720.62	8	1,982.10	8	2,243.58	8	2,505.06
1/4	157.63	1/4	419.10	1/4	680.45	1/4	941.63	1/4	1,203.11	1/4	1,464.59	1/4	1,726.07	1/4	1,987.55	1/4	2,249.03	1/4	2,510.51
1/2	163.08	1/2	424.55	1/2	685.89	1/2	947.08	1/2	1,208.56	1/2	1,470.04	1/2	1,731.52	1/2	1,993.00	1/2	2,254.48	1/2	2,515.96
3/4	168.53	3/4	429.99	3/4	691.32	3/4	952.52	3/4	1,214.00	3/4	1,475.48	3/4	1,736.96	3/4	1,998.44	3/4	2,259.92	3/4	2,521.40
9	173.97	9	435.44	9	696.76	9	957.97	9	1,219.45	9	1,480.93	9	1,742.41	9	2,003.89	9	2,265.37	9	2,526.85
1/4	179.42	1/4	440.89	1/4	702.20	1/4	963.42	1/4	1,224.90	1/4	1,486.38	1/4	1,747.86	1/4	2,009.34	1/4	2,270.82	1/4	2,532.30
1/2	184.87	1/2	446.34	1/2	707.63	1/2	968.87	1/2	1,230.35	1/2	1,491.83	1/2	1,753.31	1/2	2,014.79	1/2	2,276.27	1/2	2,537.75
3/4	190.31	3/4	451.78	3/4	713.07	3/4	974.31	3/4	1,235.79	3/4	1,497.27	3/4	1,758.75	3/4	2,020.23	3/4	2,281.71	3/4	2,543.19
10	195.76	10	457.23	10	718.51	10	979.76	10	1,241.24	10	1,502.72	10	1,764.20	10	2,025.68	10	2,287.16	10	2,548.64
1/4	201.21	1/4	462.68	1/4	723.94	1/4	985.21	1/4	1,246.69	1/4	1,508.17	1/4	1,769.65	1/4	2,031.13	1/4	2,292.61	1/4	2,554.09
1/2	206.66	1/2	468.13	1/2	729.38	1/2	990.66	1/2	1,252.14	1/2	1,513.62	1/2	1,775.10	1/2	2,036.58	1/2	2,298.06	1/2	2,559.54
3/4	212.10	3/4	473.57	3/4	734.82	3/4	996.10	3/4	1,257.58	3/4	1,519.06	3/4	1,780.54	3/4	2,042.02	3/4	2,303.50	3/4	2,564.98
11	217.55	11	479.02	11	740.25	11	1,001.55	11	1,263.03	11	1,524.51	11	1,785.99	11	2,047.47	11	2,308.95	11	2,570.43
1/4	223.00	1/4	484.47	1/4	745.69	1/4	1,007.00	1/4	1,268.48	1/4	1,529.96	1/4	1,791.44	1/4	2,052.92	1/4	2,314.40	1/4	2,575.88
1/2	228.44	1/2	489.91	1/2	751.13	1/2	1,012.45	1/2	1,273.93	1/2	1,535.41	1/2	1,796.89	1/2	2,058.37	1/2	2,319.85	1/2	2,581.33
3/4	233.89	3/4	495.36	3/4	756.56	3/4	1,017.89	3/4	1,279.37	3/4	1,540.85	3/4	1,802.33	3/4	2,063.81	3/4	2,325.29	3/4	2,586.77

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 23'-06" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1089"

3 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	2,592.22	0	2,853.70	0	3,115.18	0	3,376.66	0	3,636.91	0		0		0		0		0	
1/4	2,597.67	1/4	2,859.15	1/4	3,120.63	1/4	3,382.11	1/4	3,640.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,603.12	1/2	2,864.60	1/2	3,126.08	1/2	3,387.56	1/2	3,645.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,608.56	3/4	2,870.04	3/4	3,131.52	3/4	3,393.00	3/4	3,649.05	3/4		3/4		3/4		3/4		3/4	
1	2,614.01	1	2,875.49	1	3,136.97	1	3,398.45	1	3,653.10	1		1		1		1		1	
1/4	2,619.46	1/4	2,880.94	1/4	3,142.42	1/4	3,403.90	1/4	3,655.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,624.91	1/2	2,886.39	1/2	3,147.87	1/2	3,409.35	1/2	3,657.64	1/2		1/2		1/2		1/2		1/2	
3/4	2,630.35	3/4	2,891.83	3/4	3,153.31	3/4	3,414.79	3/4	3,659.91	3/4		3/4		3/4		3/4		3/4	
2	2,635.80	2	2,897.28	2	3,158.76	2	3,420.24	2	3,662.18	2		2		2		2		2	
1/4	2,641.25	1/4	2,902.73	1/4	3,164.21	1/4	3,425.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,646.70	1/2	2,908.18	1/2	3,169.66	1/2	3,431.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,652.14	3/4	2,913.62	3/4	3,175.10	3/4	3,436.58	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,657.59	3	2,919.07	3	3,180.55	3	3,442.03	3		3		3		3		3		3	
1/4	2,663.04	1/4	2,924.52	1/4	3,186.00	1/4	3,447.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,668.49	1/2	2,929.97	1/2	3,191.45	1/2	3,452.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,673.93	3/4	2,935.41	3/4	3,196.89	3/4	3,458.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,679.38	4	2,940.86	4	3,202.34	4	3,463.82	4		4		4		4		4		4	
1/4	2,684.83	1/4	2,946.31	1/4	3,207.79	1/4	3,469.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,690.28	1/2	2,951.76	1/2	3,213.24	1/2	3,474.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,695.72	3/4	2,957.20	3/4	3,218.68	3/4	3,480.16	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,701.17	5	2,962.65	5	3,224.13	5	3,485.61	5		5		5		5		5		5	
1/4	2,706.62	1/4	2,968.10	1/4	3,229.58	1/4	3,491.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,712.07	1/2	2,973.55	1/2	3,235.03	1/2	3,496.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,717.51	3/4	2,978.99	3/4	3,240.47	3/4	3,501.95	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,722.96	6	2,984.44	6	3,245.92	6	3,507.40	6		6		6		6		6		6	
1/4	2,728.41	1/4	2,989.89	1/4	3,251.37	1/4	3,512.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,733.86	1/2	2,995.34	1/2	3,256.82	1/2	3,518.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,739.30	3/4	3,000.78	3/4	3,262.26	3/4	3,523.74	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,744.75	7	3,006.23	7	3,267.71	7	3,529.19	7		7		7		7		7		7	
1/4	2,750.20	1/4	3,011.68	1/4	3,273.16	1/4	3,534.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,755.65	1/2	3,017.13	1/2	3,278.61	1/2	3,540.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,761.09	3/4	3,022.57	3/4	3,284.05	3/4	3,545.53	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,766.54	8	3,028.02	8	3,289.50	8	3,550.98	8		8		8		8		8		8	
1/4	2,771.99	1/4	3,033.47	1/4	3,294.95	1/4	3,556.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,777.44	1/2	3,038.92	1/2	3,300.40	1/2	3,561.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,782.88	3/4	3,044.36	3/4	3,305.84	3/4	3,567.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,788.33	9	3,049.81	9	3,311.29	9	3,572.76	9		9		9		9		9		9	
1/4	2,793.78	1/4	3,055.26	1/4	3,316.74	1/4	3,578.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,799.23	1/2	3,060.71	1/2	3,322.19	1/2	3,583.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,804.67	3/4	3,066.15	3/4	3,327.63	3/4	3,589.09	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,810.12	10	3,071.60	10	3,333.08	10	3,594.53	10		10		10		10		10		10	
1/4	2,815.57	1/4	3,077.05	1/4	3,338.53	1/4	3,599.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,821.02	1/2	3,082.50	1/2	3,343.98	1/2	3,605.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,826.46	3/4	3,087.94	3/4	3,349.42	3/4	3,610.81	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,831.91	11	3,093.39	11	3,354.87	11	3,616.24	11		11		11		11		11		11	
1/4	2,837.36	1/4	3,098.84	1/4	3,360.32	1/4	3,621.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,842.81	1/2	3,104.29	1/2	3,365.77	1/2	3,626.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,848.25	3/4	3,109.73	3/4	3,371.21	3/4	3,631.74	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/26/2017 CL
CALCULATED: 06/27/2017 CL
PRINTED: 06/27/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2017

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