



BARGE "IB 1095"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	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 ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

November 4, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1095"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	3,760.66	0	3,506.47	0	3,252.27	0	2,998.07	0	2,720.63	0	2,423.45	0	2,126.28	0	1,829.09
1/4		1/4		1/4	3,755.37	1/4	3,501.17	1/4	3,246.97	1/4	2,992.77	1/4	2,714.44	1/4	2,417.26	1/4	2,120.09	1/4	1,822.90
1/2		1/2		1/2	3,750.07	1/2	3,495.87	1/2	3,241.68	1/2	2,987.48	1/2	2,708.25	1/2	2,411.07	1/2	2,113.90	1/2	1,816.71
3/4		3/4		3/4	3,744.78	3/4	3,490.58	3/4	3,236.38	3/4	2,982.18	3/4	2,702.06	3/4	2,404.88	3/4	2,107.70	3/4	1,810.52
1	1	3,973.25	1	3,739.48	1	3,485.28	1	3,231.08	1	2,976.89	1	2,695.87	1	2,398.69	1	2,101.51	1	1,804.33	
1/4		3,971.11	1/4	3,734.19	1/4	3,479.99	1/4	3,225.79	1/4	2,971.59	1/4	2,689.68	1/4	2,392.50	1/4	2,095.32	1/4	1,798.13	
1/2		3,968.98	1/2	3,728.89	1/2	3,474.69	1/2	3,220.49	1/2	2,966.29	1/2	2,683.48	1/2	2,386.31	1/2	2,089.13	1/2	1,791.94	
3/4		3,966.85	3/4	3,723.59	3/4	3,469.40	3/4	3,215.20	3/4	2,961.00	3/4	2,677.29	3/4	2,380.12	3/4	2,082.94	3/4	1,785.75	
2	2	3,964.72	2	3,718.30	2	3,464.10	2	3,209.90	2	2,955.70	2	2,671.10	2	2,373.92	2	2,076.75	2	1,779.56	
1/4		3,961.02	1/4	3,713.00	1/4	3,458.80	1/4	3,204.61	1/4	2,950.41	1/4	2,664.91	1/4	2,367.73	1/4	2,070.56	1/4	1,773.37	
1/2		3,957.32	1/2	3,707.71	1/2	3,453.51	1/2	3,199.31	1/2	2,945.11	1/2	2,658.72	1/2	2,361.54	1/2	2,064.36	1/2	1,767.18	
3/4		3,953.62	3/4	3,702.41	3/4	3,448.21	3/4	3,194.01	3/4	2,939.82	3/4	2,652.53	3/4	2,355.35	3/4	2,058.17	3/4	1,760.99	
3	3	3,949.91	3	3,697.11	3	3,442.92	3	3,188.72	3	2,934.52	3	2,646.34	3	2,349.16	3	2,051.98	3	1,754.79	
1/4		3,944.94	1/4	3,691.82	1/4	3,437.62	1/4	3,183.42	1/4	2,929.22	1/4	2,640.15	1/4	2,342.97	1/4	2,045.79	1/4	1,748.60	
1/2		3,939.96	1/2	3,686.52	1/2	3,432.32	1/2	3,178.13	1/2	2,923.93	1/2	2,633.95	1/2	2,336.78	1/2	2,039.60	1/2	1,742.41	
3/4		3,934.98	3/4	3,681.23	3/4	3,427.03	3/4	3,172.83	3/4	2,918.63	3/4	2,627.76	3/4	2,330.59	3/4	2,033.41	3/4	1,736.22	
4	4	3,930.01	4	3,675.93	4	3,421.73	4	3,167.53	4	2,913.34	4	2,621.57	4	2,324.40	4	2,027.22	4	1,730.03	
1/4		3,924.74	1/4	3,670.64	1/4	3,416.44	1/4	3,162.24	1/4	2,908.05	1/4	2,615.38	1/4	2,318.21	1/4	2,021.03	1/4	1,723.84	
1/2		3,919.46	1/2	3,665.34	1/2	3,411.14	1/2	3,156.94	1/2	2,902.76	1/2	2,609.19	1/2	2,312.02	1/2	2,014.83	1/2	1,717.65	
3/4		3,914.19	3/4	3,660.04	3/4	3,405.85	3/4	3,151.65	3/4	2,897.47	3/4	2,603.00	3/4	2,305.83	3/4	2,008.64	3/4	1,711.46	
5	5	3,908.92	5	3,654.75	5	3,400.55	5	3,146.35	5	2,892.18	5	2,596.81	5	2,299.63	5	2,002.45	5	1,705.26	
1/4		3,903.63	1/4	3,649.45	1/4	3,395.25	1/4	3,141.06	1/4	2,886.44	1/4	2,590.61	1/4	2,293.44	1/4	1,996.26	1/4	1,699.08	
1/2		3,898.34	1/2	3,644.16	1/2	3,389.96	1/2	3,135.76	1/2	2,880.70	1/2	2,584.42	1/2	2,287.25	1/2	1,990.07	1/2	1,692.90	
3/4		3,893.05	3/4	3,638.86	3/4	3,384.66	3/4	3,130.46	3/4	2,874.96	3/4	2,578.23	3/4	2,281.06	3/4	1,983.88	3/4	1,686.71	
6	6	3,887.76	6	3,633.56	6	3,379.37	6	3,125.17	6	2,869.23	6	2,572.04	6	2,274.87	6	1,977.69	6	1,680.53	
1/4		3,882.46	1/4	3,628.27	1/4	3,374.07	1/4	3,119.87	1/4	2,863.04	1/4	2,565.85	1/4	2,268.68	1/4	1,971.49	1/4	1,674.35	
1/2		3,877.17	1/2	3,622.97	1/2	3,368.77	1/2	3,114.58	1/2	2,856.84	1/2	2,559.66	1/2	2,262.49	1/2	1,965.30	1/2	1,668.17	
3/4		3,871.87	3/4	3,617.68	3/4	3,363.48	3/4	3,109.28	3/4	2,850.65	3/4	2,553.47	3/4	2,256.30	3/4	1,959.11	3/4	1,662.00	
7	7	3,866.58	7	3,612.38	7	3,358.18	7	3,103.98	7	2,844.46	7	2,547.27	7	2,250.11	7	1,952.92	7	1,655.82	
1/4		3,861.28	1/4	3,607.09	1/4	3,352.89	1/4	3,098.69	1/4	2,838.27	1/4	2,541.08	1/4	2,243.92	1/4	1,946.73	1/4	1,649.64	
1/2		3,855.99	1/2	3,601.79	1/2	3,347.59	1/2	3,093.39	1/2	2,832.08	1/2	2,534.89	1/2	2,237.72	1/2	1,940.54	1/2	1,643.46	
3/4		3,850.69	3/4	3,596.49	3/4	3,342.30	3/4	3,088.10	3/4	2,825.89	3/4	2,528.70	3/4	2,231.53	3/4	1,934.35	3/4	1,637.29	
8	8	3,845.40	8	3,591.20	8	3,337.00	8	3,082.80	8	2,819.70	8	2,522.51	8	2,225.34	8	1,928.15	8	1,631.11	
1/4		3,840.10	1/4	3,585.90	1/4	3,331.70	1/4	3,077.51	1/4	2,813.50	1/4	2,516.32	1/4	2,219.15	1/4	1,921.96	1/4	1,624.93	
1/2		3,834.81	1/2	3,580.61	1/2	3,326.41	1/2	3,072.21	1/2	2,807.31	1/2	2,510.13	1/2	2,212.96	1/2	1,915.77	1/2	1,618.76	
3/4		3,829.51	3/4	3,575.31	3/4	3,321.11	3/4	3,066.91	3/4	2,801.12	3/4	2,503.93	3/4	2,206.77	3/4	1,909.58	3/4	1,612.58	
9	9	3,824.21	9	3,570.02	9	3,315.82	9	3,061.62	9	2,794.93	9	2,497.74	9	2,200.58	9	1,903.39	9	1,606.40	
1/4		3,818.92	1/4	3,564.72	1/4	3,310.52	1/4	3,056.32	1/4	2,788.74	1/4	2,491.55	1/4	2,194.38	1/4	1,897.20	1/4	1,600.22	
1/2		3,813.62	1/2	3,559.42	1/2	3,305.23	1/2	3,051.03	1/2	2,782.55	1/2	2,485.36	1/2	2,188.19	1/2	1,891.01	1/2	1,594.05	
3/4		3,808.33	3/4	3,554.13	3/4	3,299.93	3/4	3,045.73	3/4	2,776.36	3/4	2,479.17	3/4	2,182.00	3/4	1,884.81	3/4	1,587.87	
10	10	3,803.03	10	3,548.83	10	3,294.63	10	3,040.44	10	2,770.16	10	2,472.98	10	2,175.81	10	1,878.62	10	1,581.69	
1/4		3,797.73	1/4	3,543.54	1/4	3,289.34	1/4	3,035.14	1/4	2,763.97	1/4	2,466.79	1/4	2,169.62	1/4	1,872.43	1/4	1,575.52	
1/2		3,792.44	1/2	3,538.24	1/2	3,284.04	1/2	3,029.84	1/2	2,757.78	1/2	2,460.60	1/2	2,163.43	1/2	1,866.24	1/2	1,569.34	
3/4		3,787.14	3/4	3,532.94	3/4	3,278.75	3/4	3,024.55	3/4	2,751.59	3/4	2,454.40	3/4	2,157.24	3/4	1,860.05	3/4	1,563.16	
11	11	3,781.85	11	3,527.65	11	3,273.45	11	3,019.25	11	2,745.40	11	2,448.21	11	2,151.04	11	1,853.86	11	1,556.98	
1/4		3,776.55	1/4	3,522.35	1/4	3,268.15	1/4	3,013.96	1/4	2,739.21	1/4	2,442.02	1/4	2,144.85	1/4	1,847.67	1/4	1,550.81	
1/2		3,771.26	1/2	3,517.06	1/2	3,262.86	1/2	3,008.66	1/2	2,733.02	1/2	2,435.83	1/2	2,138.66	1/2	1,841.47	1/2	1,544.63	
3/4		3,765.96	3/4	3,511.76	3/4	3,257.56	3/4	3,003.36	3/4	2,726.82	3/4	2,429.64	3/4	2,132.47	3/4	1,835.28	3/4	1,538.45	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
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BARGE "IB 1095"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,532.28	0	1,235.39	0	938.65	0	647.23	0	350.03	0	53.38	0		0		0		0	
1/4	1,526.10	1/4	1,229.20	1/4	932.61	1/4	641.03	1/4	343.84	1/4	47.76	1/4		1/4		1/4		1/4	
1/2	1,519.92	1/2	1,223.02	1/2	926.57	1/2	634.84	1/2	337.65	1/2	42.14	1/2		1/2		1/2		1/2	
3/4	1,513.75	3/4	1,216.83	3/4	920.53	3/4	628.65	3/4	331.45	3/4	36.52	3/4		3/4		3/4		3/4	
1	1,507.57	1	1,210.64	1	914.49	1	622.46	1	325.26	1	30.91	1		1		1		1	
1/4	1,501.39	1/4	1,204.45	1/4	908.45	1/4	616.27	1/4	319.07	1/4	26.78	1/4		1/4		1/4		1/4	
1/2	1,495.21	1/2	1,198.26	1/2	902.41	1/2	610.08	1/2	312.88	1/2	22.64	1/2		1/2		1/2		1/2	
3/4	1,489.04	3/4	1,192.07	3/4	896.37	3/4	603.88	3/4	306.69	3/4	18.51	3/4		3/4		3/4		3/4	
2	1,482.86	2	1,185.89	2	890.33	2	597.69	2	300.50	2	14.38	2		2		2		2	
1/4	1,476.68	1/4	1,179.70	1/4	884.29	1/4	591.50	1/4	294.30	1/4	12.31	1/4		1/4		1/4		1/4	
1/2	1,470.51	1/2	1,173.51	1/2	878.25	1/2	585.31	1/2	288.11	1/2	10.25	1/2		1/2		1/2		1/2	
3/4	1,464.33	3/4	1,167.32	3/4	872.21	3/4	579.12	3/4	281.92	3/4	8.18	3/4		3/4		3/4		3/4	
3	1,458.15	3	1,161.13	3	866.17	3	573.93	3	275.73	3	6.11	3		3		3		3	
1/4	1,451.97	1/4	1,154.94	1/4	860.13	1/4	566.74	1/4	269.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,445.78	1/2	1,148.76	1/2	854.09	1/2	560.54	1/2	263.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,439.60	3/4	1,142.57	3/4	848.05	3/4	554.35	3/4	257.15	3/4		3/4		3/4		3/4		3/4	
4	1,433.42	4	1,136.38	4	842.01	4	548.16	4	250.96	4		4		4		4		4	
1/4	1,427.23	1/4	1,130.19	1/4	835.97	1/4	541.97	1/4	244.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,421.04	1/2	1,124.00	1/2	829.93	1/2	535.78	1/2	238.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,414.85	3/4	1,117.81	3/4	823.89	3/4	529.59	3/4	232.38	3/4		3/4		3/4		3/4		3/4	
5	1,408.66	5	1,111.63	5	817.85	5	523.39	5	226.18	5		5		5		5		5	
1/4	1,402.48	1/4	1,105.44	1/4	811.81	1/4	517.20	1/4	219.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,396.29	1/2	1,099.25	1/2	805.78	1/2	511.01	1/2	213.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,390.10	3/4	1,093.06	3/4	799.74	3/4	504.82	3/4	207.59	3/4		3/4		3/4		3/4		3/4	
6	1,383.91	6	1,086.87	6	793.70	6	498.63	6	201.39	6		6		6		6		6	
1/4	1,377.72	1/4	1,080.68	1/4	787.66	1/4	492.44	1/4	195.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,371.54	1/2	1,074.50	1/2	781.62	1/2	486.24	1/2	189.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,365.35	3/4	1,068.31	3/4	775.58	3/4	480.05	3/4	182.80	3/4		3/4		3/4		3/4		3/4	
7	1,359.16	7	1,062.12	7	769.54	7	473.86	7	176.61	7		7		7		7		7	
1/4	1,352.97	1/4	1,055.93	1/4	763.50	1/4	467.67	1/4	170.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,346.78	1/2	1,049.74	1/2	757.46	1/2	461.48	1/2	164.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,340.59	3/4	1,043.56	3/4	751.42	3/4	455.29	3/4	158.03	3/4		3/4		3/4		3/4		3/4	
8	1,334.41	8	1,037.37	8	745.38	8	449.09	8	151.84	8		8		8		8		8	
1/4	1,328.22	1/4	1,031.18	1/4	739.34	1/4	442.90	1/4	145.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,322.03	1/2	1,024.99	1/2	733.30	1/2	436.71	1/2	139.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,315.84	3/4	1,018.80	3/4	727.26	3/4	430.52	3/4	133.27	3/4		3/4		3/4		3/4		3/4	
9	1,309.65	9	1,012.61	9	721.22	9	424.33	9	127.08	9		9		9		9		9	
1/4	1,303.46	1/4	1,006.43	1/4	715.11	1/4	418.14	1/4	120.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,297.28	1/2	1,000.24	1/2	708.99	1/2	411.95	1/2	114.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,291.09	3/4	994.05	3/4	702.87	3/4	405.75	3/4	108.56	3/4		3/4		3/4		3/4		3/4	
10	1,284.90	10	987.86	10	696.76	10	399.56	10	102.38	10		10		10		10		10	
1/4	1,278.71	1/4	981.67	1/4	690.57	1/4	393.37	1/4	96.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,272.52	1/2	975.48	1/2	684.38	1/2	387.18	1/2	90.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,266.33	3/4	969.30	3/4	678.18	3/4	380.99	3/4	83.94	3/4		3/4		3/4		3/4		3/4	
11	1,260.15	11	963.11	11	671.99	11	374.80	11	77.79	11		11		11		11		11	
1/4	1,253.96	1/4	956.99	1/4	665.80	1/4	368.60	1/4	71.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,247.77	1/2	950.88	1/2	659.61	1/2	362.41	1/2	65.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,241.58	3/4	944.76	3/4	653.42	3/4	356.22	3/4	59.48	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW
CALCULATED: 11/04/2017 CL
PRINTED: 11/04/2017 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 1095"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,449.99	0	3,187.48	0	2,924.98	0	2,662.47	0	2,399.96	0	2,137.45	0	1,874.95	0	1,612.44		
1/4	1/4	1/4	3,444.52	1/4	3,182.01	1/4	2,919.51	1/4	2,657.00	1/4	2,394.49	1/4	2,131.98	1/4	1,869.48	1/4	1,606.97		
1/2	1/2	1/2	3,439.05	1/2	3,176.54	1/2	2,914.04	1/2	2,651.53	1/2	2,389.02	1/2	2,126.52	1/2	1,864.01	1/2	1,601.50		
3/4	3/4	3/4	3,433.58	3/4	3,171.08	3/4	2,908.57	3/4	2,646.06	3/4	2,383.55	3/4	2,121.05	3/4	1,858.54	3/4	1,596.03		
1	1	1	3,671.00	1	3,428.11	1	3,165.61	1	2,903.10	1	2,640.59	1	2,378.09	1	2,115.58	1	1,853.07	1	1,590.56
1/4	1/4	1/4	3,668.72	1/4	3,422.65	1/4	3,160.14	1/4	2,897.63	1/4	2,635.12	1/4	2,372.62	1/4	2,110.11	1/4	1,847.60	1/4	1,585.09
1/2	1/2	1/2	3,666.44	1/2	3,417.18	1/2	3,154.67	1/2	2,892.16	1/2	2,629.65	1/2	2,367.15	1/2	2,104.64	1/2	1,842.13	1/2	1,579.63
3/4	3/4	3/4	3,664.16	3/4	3,411.71	3/4	3,149.20	3/4	2,886.69	3/4	2,624.19	3/4	2,361.68	3/4	2,099.17	3/4	1,836.66	3/4	1,574.16
2	2	2	3,661.88	2	3,406.24	2	3,143.73	2	2,881.22	2	2,618.72	2	2,356.21	2	2,093.70	2	1,831.20	2	1,568.69
1/4	1/4	1/4	3,657.82	1/4	3,400.77	1/4	3,138.26	1/4	2,875.76	1/4	2,613.25	1/4	2,350.74	1/4	2,088.23	1/4	1,825.73	1/4	1,563.22
1/2	1/2	1/2	3,653.75	1/2	3,395.30	1/2	3,132.79	1/2	2,870.29	1/2	2,607.78	1/2	2,345.27	1/2	2,082.76	1/2	1,820.26	1/2	1,557.75
3/4	3/4	3/4	3,649.69	3/4	3,389.83	3/4	3,127.32	3/4	2,864.82	3/4	2,602.31	3/4	2,339.80	3/4	2,077.30	3/4	1,814.79	3/4	1,552.28
3	3	3	3,645.63	3	3,384.36	3	3,121.86	3	2,859.35	3	2,596.84	3	2,334.33	3	2,071.83	3	1,809.32	3	1,546.81
1/4	1/4	1/4	3,640.44	1/4	3,378.89	1/4	3,116.39	1/4	2,853.88	1/4	2,591.37	1/4	2,328.87	1/4	2,066.36	1/4	1,803.85	1/4	1,541.34
1/2	1/2	1/2	3,635.25	1/2	3,373.43	1/2	3,110.92	1/2	2,848.41	1/2	2,585.90	1/2	2,323.40	1/2	2,060.89	1/2	1,798.38	1/2	1,535.87
3/4	3/4	3/4	3,630.06	3/4	3,367.96	3/4	3,105.45	3/4	2,842.94	3/4	2,580.43	3/4	2,317.93	3/4	2,055.42	3/4	1,792.91	3/4	1,530.41
4	4	4	3,624.88	4	3,362.49	4	3,099.98	4	2,837.47	4	2,574.97	4	2,312.46	4	2,049.95	4	1,787.44	4	1,524.94
1/4	1/4	1/4	3,619.43	1/4	3,357.02	1/4	3,094.51	1/4	2,832.00	1/4	2,569.50	1/4	2,306.99	1/4	2,044.48	1/4	1,781.98	1/4	1,519.47
1/2	1/2	1/2	3,613.98	1/2	3,351.55	1/2	3,089.04	1/2	2,826.54	1/2	2,564.03	1/2	2,301.52	1/2	2,039.01	1/2	1,776.51	1/2	1,514.00
3/4	3/4	3/4	3,608.53	3/4	3,346.08	3/4	3,083.57	3/4	2,821.07	3/4	2,558.56	3/4	2,296.05	3/4	2,033.54	3/4	1,771.04	3/4	1,508.53
5	5	5	3,603.08	5	3,340.61	5	3,078.10	5	2,815.60	5	2,553.09	5	2,290.58	5	2,028.08	5	1,765.57	5	1,503.06
1/4	1/4	1/4	3,597.62	1/4	3,335.14	1/4	3,072.64	1/4	2,810.13	1/4	2,547.62	1/4	2,285.11	1/4	2,022.61	1/4	1,760.10	1/4	1,497.59
1/2	1/2	1/2	3,592.16	1/2	3,329.67	1/2	3,067.17	1/2	2,804.66	1/2	2,542.15	1/2	2,279.65	1/2	2,017.14	1/2	1,754.63	1/2	1,492.12
3/4	3/4	3/4	3,586.69	3/4	3,324.21	3/4	3,061.70	3/4	2,799.19	3/4	2,536.68	3/4	2,274.18	3/4	2,011.67	3/4	1,749.16	3/4	1,486.65
6	6	6	3,581.23	6	3,318.74	6	3,056.23	6	2,793.72	6	2,531.21	6	2,268.71	6	2,006.20	6	1,743.69	6	1,481.19
1/4	1/4	1/4	3,575.76	1/4	3,313.27	1/4	3,050.76	1/4	2,788.25	1/4	2,525.75	1/4	2,263.24	1/4	2,000.73	1/4	1,738.22	1/4	1,475.72
1/2	1/2	1/2	3,570.30	1/2	3,307.80	1/2	3,045.29	1/2	2,782.78	1/2	2,520.28	1/2	2,257.77	1/2	1,995.26	1/2	1,732.76	1/2	1,470.25
3/4	3/4	3/4	3,564.83	3/4	3,302.33	3/4	3,039.82	3/4	2,777.32	3/4	2,514.81	3/4	2,252.30	3/4	1,989.79	3/4	1,727.29	3/4	1,464.78
7	7	7	3,559.37	7	3,296.86	7	3,034.35	7	2,771.85	7	2,509.34	7	2,246.83	7	1,984.32	7	1,721.82	7	1,459.31
1/4	1/4	1/4	3,553.90	1/4	3,291.39	1/4	3,028.88	1/4	2,766.38	1/4	2,503.87	1/4	2,241.36	1/4	1,978.86	1/4	1,716.35	1/4	1,453.84
1/2	1/2	1/2	3,548.43	1/2	3,285.92	1/2	3,023.42	1/2	2,760.91	1/2	2,498.40	1/2	2,235.89	1/2	1,973.39	1/2	1,710.88	1/2	1,448.37
3/4	3/4	3/4	3,542.96	3/4	3,280.45	3/4	3,017.95	3/4	2,755.44	3/4	2,492.93	3/4	2,230.43	3/4	1,967.92	3/4	1,705.41	3/4	1,442.90
8	8	8	3,537.49	8	3,274.99	8	3,012.48	8	2,749.97	8	2,487.46	8	2,224.96	8	1,962.45	8	1,699.94	8	1,437.43
1/4	1/4	1/4	3,532.02	1/4	3,269.52	1/4	3,007.01	1/4	2,744.50	1/4	2,481.99	1/4	2,219.49	1/4	1,956.98	1/4	1,694.47	1/4	1,431.97
1/2	1/2	1/2	3,526.55	1/2	3,264.05	1/2	3,001.54	1/2	2,739.03	1/2	2,476.53	1/2	2,214.02	1/2	1,951.51	1/2	1,689.00	1/2	1,426.50
3/4	3/4	3/4	3,521.09	3/4	3,258.58	3/4	2,996.07	3/4	2,733.56	3/4	2,471.06	3/4	2,208.55	3/4	1,946.04	3/4	1,683.54	3/4	1,421.03
9	9	9	3,515.62	9	3,253.11	9	2,990.60	9	2,728.10	9	2,465.59	9	2,203.08	9	1,940.57	9	1,678.07	9	1,415.56
1/4	1/4	1/4	3,510.15	1/4	3,247.64	1/4	2,985.13	1/4	2,722.63	1/4	2,460.12	1/4	2,197.61	1/4	1,935.10	1/4	1,672.60	1/4	1,410.09
1/2	1/2	1/2	3,504.68	1/2	3,242.17	1/2	2,979.66	1/2	2,717.16	1/2	2,454.65	1/2	2,192.14	1/2	1,929.64	1/2	1,667.13	1/2	1,404.62
3/4	3/4	3/4	3,499.21	3/4	3,236.70	3/4	2,974.20	3/4	2,711.69	3/4	2,449.18	3/4	2,186.67	3/4	1,924.17	3/4	1,661.66	3/4	1,399.15
10	10	10	3,493.74	10	3,231.23	10	2,968.73	10	2,706.22	10	2,443.71	10	2,181.21	10	1,918.70	10	1,656.19	10	1,393.68
1/4	1/4	1/4	3,488.27	1/4	3,225.76	1/4	2,963.26	1/4	2,700.75	1/4	2,438.24	1/4	2,175.74	1/4	1,913.23	1/4	1,650.72	1/4	1,388.21
1/2	1/2	1/2	3,482.80	1/2	3,220.30	1/2	2,957.79	1/2	2,695.28	1/2	2,432.77	1/2	2,170.27	1/2	1,907.76	1/2	1,645.25	1/2	1,382.75
3/4	3/4	3/4	3,477.33	3/4	3,214.83	3/4	2,952.32	3/4	2,689.81	3/4	2,427.31	3/4	2,164.80	3/4	1,902.29	3/4	1,639.78	3/4	1,377.28
11	11	11	3,471.87	11	3,209.36	11	2,946.85	11	2,684.34	11	2,421.84	11	2,159.33	11	1,896.82	11	1,634.32	11	1,371.81
1/4	1/4	1/4	3,466.40	1/4	3,203.89	1/4	2,941.38	1/4	2,678.87	1/4	2,416.37	1/4	2,153.86	1/4	1,891.35	1/4	1,628.85	1/4	1,366.34
1/2	1/2	1/2	3,460.93	1/2	3,198.42	1/2	2,935.91	1/2	2,673.41	1/2	2,410.90	1/2	2,148.39	1/2	1,885.88	1/2	1,623.38	1/2	1,360.87
3/4	3/4	3/4	3,455.46	3/4	3,192.95	3/4	2,930.44	3/4	2,667.94	3/4	2,405.43	3/4	2,142.92	3/4	1,880.42	3/4	1,617.91	3/4	1,355.40

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 ULLAGE 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 1095"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,349.93	0	1,087.43	0	825.21	0	568.40	0	305.90	0	44.11	0		0		0		0	
1/4	1,344.46	1/4	1,081.96	1/4	819.89	1/4	562.93	1/4	300.43	1/4	39.16	1/4		1/4		1/4		1/4	
1/2	1,338.99	1/2	1,076.49	1/2	814.57	1/2	557.46	1/2	294.96	1/2	34.21	1/2		1/2		1/2		1/2	
3/4	1,333.53	3/4	1,071.02	3/4	809.25	3/4	551.99	3/4	289.49	3/4	29.26	3/4		3/4		3/4		3/4	
1	1,328.06	1	1,065.55	1	803.93	1	546.52	1	284.02	1	24.30	1		1		1		1	
1/4	1,322.59	1/4	1,060.08	1/4	798.61	1/4	541.05	1/4	278.55	1/4	20.66	1/4		1/4		1/4		1/4	
1/2	1,317.12	1/2	1,054.61	1/2	793.29	1/2	535.58	1/2	273.09	1/2	17.02	1/2		1/2		1/2		1/2	
3/4	1,311.65	3/4	1,049.14	3/4	787.97	3/4	530.11	3/4	267.62	3/4	13.38	3/4		3/4		3/4		3/4	
2	1,306.18	2	1,043.67	2	782.65	2	524.65	2	262.15	2	9.74	2		2		2		2	
1/4	1,300.71	1/4	1,038.20	1/4	777.33	1/4	519.18	1/4	256.68	1/4	7.92	1/4		1/4		1/4		1/4	
1/2	1,295.24	1/2	1,032.74	1/2	772.01	1/2	513.71	1/2	251.21	1/2	6.09	1/2		1/2		1/2		1/2	
3/4	1,289.77	3/4	1,027.27	3/4	766.69	3/4	508.24	3/4	245.74	3/4	4.27	3/4		3/4		3/4		3/4	
3	1,284.31	3	1,021.80	3	761.38	3	502.77	3	240.27	3	2.45	3		3		3		3	
1/4	1,278.84	1/4	1,016.33	1/4	756.06	1/4	497.30	1/4	234.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,273.37	1/2	1,010.86	1/2	750.74	1/2	491.83	1/2	229.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,267.90	3/4	1,005.39	3/4	745.42	3/4	486.36	3/4	223.87	3/4		3/4		3/4		3/4		3/4	
4	1,262.43	4	999.92	4	740.10	4	480.90	4	218.40	4		4		4		4		4	
1/4	1,256.96	1/4	994.45	1/4	734.78	1/4	475.43	1/4	212.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,251.49	1/2	988.98	1/2	729.46	1/2	469.96	1/2	207.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,246.02	3/4	983.52	3/4	724.14	3/4	464.49	3/4	201.99	3/4		3/4		3/4		3/4		3/4	
5	1,240.55	5	978.05	5	718.82	5	459.02	5	196.52	5		5		5		5		5	
1/4	1,235.09	1/4	972.58	1/4	713.50	1/4	453.55	1/4	191.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,229.62	1/2	967.11	1/2	708.18	1/2	448.08	1/2	185.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,224.15	3/4	961.64	3/4	702.87	3/4	442.62	3/4	180.12	3/4		3/4		3/4		3/4		3/4	
6	1,218.68	6	956.17	6	697.55	6	437.15	6	174.65	6		6		6		6		6	
1/4	1,213.21	1/4	950.70	1/4	692.23	1/4	431.68	1/4	169.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,207.74	1/2	945.23	1/2	686.91	1/2	426.21	1/2	163.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,202.27	3/4	939.76	3/4	681.59	3/4	420.74	3/4	158.25	3/4		3/4		3/4		3/4		3/4	
7	1,196.80	7	934.30	7	676.27	7	415.27	7	152.78	7		7		7		7		7	
1/4	1,191.33	1/4	928.83	1/4	670.95	1/4	409.80	1/4	147.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,185.87	1/2	923.36	1/2	665.63	1/2	404.33	1/2	141.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,180.40	3/4	917.89	3/4	660.31	3/4	398.87	3/4	136.38	3/4		3/4		3/4		3/4		3/4	
8	1,174.93	8	912.42	8	654.99	8	393.40	8	130.92	8		8		8		8		8	
1/4	1,169.46	1/4	906.95	1/4	649.67	1/4	387.93	1/4	125.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,163.99	1/2	901.48	1/2	644.36	1/2	382.46	1/2	120.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,158.52	3/4	896.01	3/4	639.04	3/4	376.99	3/4	114.55	3/4		3/4		3/4		3/4		3/4	
9	1,153.05	9	890.54	9	633.72	9	371.52	9	109.09	9		9		9		9		9	
1/4	1,147.58	1/4	885.08	1/4	628.32	1/4	366.05	1/4	103.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,142.11	1/2	879.61	1/2	622.93	1/2	360.58	1/2	98.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,136.65	3/4	874.14	3/4	617.54	3/4	355.12	3/4	92.76	3/4		3/4		3/4		3/4		3/4	
10	1,131.18	10	868.67	10	612.15	10	349.65	10	87.32	10		10		10		10		10	
1/4	1,125.71	1/4	863.20	1/4	606.68	1/4	344.18	1/4	81.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,120.24	1/2	857.73	1/2	601.21	1/2	338.71	1/2	76.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,114.77	3/4	852.26	3/4	595.74	3/4	333.24	3/4	71.06	3/4		3/4		3/4		3/4		3/4	
11	1,109.30	11	846.79	11	590.27	11	327.77	11	65.64	11		11		11		11		11	
1/4	1,103.83	1/4	841.40	1/4	584.80	1/4	322.30	1/4	60.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,098.36	1/2	836.00	1/2	579.33	1/2	316.84	1/2	54.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,092.89	3/4	830.61	3/4	573.86	3/4	311.37	3/4	49.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW
CALCULATED: 11/04/2017 CL
PRINTED: 11/04/2017 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 1095"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,452.72	0	3,191.67	0	2,930.61	0	2,669.56	0	2,408.51	0	2,147.46	0	1,886.40	0	1,625.35		
1/4	1/4	1/4	3,447.28	1/4	3,186.23	1/4	2,925.18	1/4	2,664.12	1/4	2,403.07	1/4	2,142.02	1/4	1,880.96	1/4	1,619.91		
1/2	1/2	1/2	3,441.84	1/2	3,180.79	1/2	2,919.74	1/2	2,658.68	1/2	2,397.63	1/2	2,136.58	1/2	1,875.53	1/2	1,614.47		
3/4	3/4	3/4	3,436.40	3/4	3,175.35	3/4	2,914.30	3/4	2,653.25	3/4	2,392.19	3/4	2,131.14	3/4	1,870.09	3/4	1,609.03		
1	1	1	3,430.96	1	3,169.91	1	2,908.86	1	2,647.81	1	2,386.75	1	2,125.70	1	1,864.65	1	1,603.60		
1/4	1/4	1/4	3,425.53	1/4	3,164.47	1/4	2,903.42	1/4	2,642.37	1/4	2,381.32	1/4	2,120.26	1/4	1,859.21	1/4	1,598.16		
1/2	1/2	1/2	3,420.09	1/2	3,159.03	1/2	2,897.98	1/2	2,636.93	1/2	2,375.88	1/2	2,114.82	1/2	1,853.77	1/2	1,592.72		
3/4	3/4	3/4	3,656.18	3/4	3,414.65	3/4	3,153.60	3/4	2,892.54	3/4	2,631.49	3/4	2,370.44	3/4	2,109.39	3/4	1,848.33	3/4	1,587.28
2	2	2	3,653.91	2	3,409.21	2	3,148.16	2	2,887.10	2	2,626.05	2	2,365.00	2	2,103.95	2	1,842.89	2	1,581.84
1/4	1/4	1/4	3,651.65	1/4	3,403.77	1/4	3,142.72	1/4	2,881.67	1/4	2,620.61	1/4	2,359.56	1/4	2,098.51	1/4	1,837.46	1/4	1,576.40
1/2	1/2	1/2	3,649.38	1/2	3,398.33	1/2	3,137.28	1/2	2,876.23	1/2	2,615.17	1/2	2,354.12	1/2	2,093.07	1/2	1,832.02	1/2	1,570.96
3/4	3/4	3/4	3,647.12	3/4	3,392.89	3/4	3,131.84	3/4	2,870.79	3/4	2,609.74	3/4	2,348.68	3/4	2,087.63	3/4	1,826.58	3/4	1,565.53
3	3	3	3,643.07	3	3,387.46	3	3,126.40	3	2,865.35	3	2,604.30	3	2,343.24	3	2,082.19	3	1,821.14	3	1,560.09
1/4	1/4	1/4	3,639.03	1/4	3,382.02	1/4	3,120.96	1/4	2,859.91	1/4	2,598.86	1/4	2,337.81	1/4	2,076.75	1/4	1,815.70	1/4	1,554.65
1/2	1/2	1/2	3,634.99	1/2	3,376.58	1/2	3,115.53	1/2	2,854.47	1/2	2,593.42	1/2	2,332.37	1/2	2,071.31	1/2	1,810.26	1/2	1,549.21
3/4	3/4	3/4	3,630.95	3/4	3,371.14	3/4	3,110.09	3/4	2,849.03	3/4	2,587.98	3/4	2,326.93	3/4	2,065.88	3/4	1,804.82	3/4	1,543.77
4	4	4	3,625.79	4	3,365.70	4	3,104.65	4	2,843.60	4	2,582.54	4	2,321.49	4	2,060.44	4	1,799.38	4	1,538.33
1/4	1/4	1/4	3,620.63	1/4	3,360.26	1/4	3,099.21	1/4	2,838.16	1/4	2,577.10	1/4	2,316.05	1/4	2,055.00	1/4	1,793.95	1/4	1,532.89
1/2	1/2	1/2	3,615.48	1/2	3,354.82	1/2	3,093.77	1/2	2,832.72	1/2	2,571.67	1/2	2,310.61	1/2	2,049.56	1/2	1,788.51	1/2	1,527.45
3/4	3/4	3/4	3,610.32	3/4	3,349.39	3/4	3,088.33	3/4	2,827.28	3/4	2,566.23	3/4	2,305.17	3/4	2,044.12	3/4	1,783.07	3/4	1,522.02
5	5	5	3,604.90	5	3,343.95	5	3,082.89	5	2,821.84	5	2,560.79	5	2,299.74	5	2,038.68	5	1,777.63	5	1,516.58
1/4	1/4	1/4	3,599.48	1/4	3,338.51	1/4	3,077.46	1/4	2,816.40	1/4	2,555.35	1/4	2,294.30	1/4	2,033.24	1/4	1,772.19	1/4	1,511.14
1/2	1/2	1/2	3,594.06	1/2	3,333.07	1/2	3,072.02	1/2	2,810.96	1/2	2,549.91	1/2	2,288.86	1/2	2,027.81	1/2	1,766.75	1/2	1,505.70
3/4	3/4	3/4	3,588.65	3/4	3,327.63	3/4	3,066.58	3/4	2,805.53	3/4	2,544.47	3/4	2,283.42	3/4	2,022.37	3/4	1,761.31	3/4	1,500.26
6	6	6	3,583.21	6	3,322.19	6	3,061.14	6	2,800.09	6	2,539.03	6	2,277.98	6	2,016.93	6	1,755.88	6	1,494.82
1/4	1/4	1/4	3,577.78	1/4	3,316.75	1/4	3,055.70	1/4	2,794.65	1/4	2,533.60	1/4	2,272.54	1/4	2,011.49	1/4	1,750.44	1/4	1,489.38
1/2	1/2	1/2	3,572.34	1/2	3,311.32	1/2	3,050.26	1/2	2,789.21	1/2	2,528.16	1/2	2,267.10	1/2	2,006.05	1/2	1,745.00	1/2	1,483.95
3/4	3/4	3/4	3,566.91	3/4	3,305.88	3/4	3,044.82	3/4	2,783.77	3/4	2,522.72	3/4	2,261.67	3/4	2,000.61	3/4	1,739.56	3/4	1,478.51
7	7	7	3,561.48	7	3,300.44	7	3,039.39	7	2,778.33	7	2,517.28	7	2,256.23	7	1,995.17	7	1,734.12	7	1,473.07
1/4	1/4	1/4	3,556.04	1/4	3,295.00	1/4	3,033.95	1/4	2,772.89	1/4	2,511.84	1/4	2,250.79	1/4	1,989.74	1/4	1,728.68	1/4	1,467.63
1/2	1/2	1/2	3,550.61	1/2	3,289.56	1/2	3,028.51	1/2	2,767.46	1/2	2,506.40	1/2	2,245.35	1/2	1,984.30	1/2	1,723.24	1/2	1,462.19
3/4	3/4	3/4	3,545.18	3/4	3,284.12	3/4	3,023.07	3/4	2,762.02	3/4	2,500.96	3/4	2,239.91	3/4	1,978.86	3/4	1,717.81	3/4	1,456.75
8	8	8	3,539.74	8	3,278.68	8	3,017.63	8	2,756.58	8	2,495.53	8	2,234.47	8	1,973.42	8	1,712.37	8	1,451.31
1/4	1/4	1/4	3,534.30	1/4	3,273.25	1/4	3,012.19	1/4	2,751.14	1/4	2,490.09	1/4	2,229.03	1/4	1,967.98	1/4	1,706.93	1/4	1,445.88
1/2	1/2	1/2	3,528.86	1/2	3,267.81	1/2	3,006.75	1/2	2,745.70	1/2	2,484.65	1/2	2,223.60	1/2	1,962.54	1/2	1,701.49	1/2	1,440.44
3/4	3/4	3/4	3,523.42	3/4	3,262.37	3/4	3,001.32	3/4	2,740.26	3/4	2,479.21	3/4	2,218.16	3/4	1,957.10	3/4	1,696.05	3/4	1,435.00
9	9	9	3,517.98	9	3,256.93	9	2,995.88	9	2,734.82	9	2,473.77	9	2,212.72	9	1,951.67	9	1,690.61	9	1,429.56
1/4	1/4	1/4	3,512.54	1/4	3,251.49	1/4	2,990.44	1/4	2,729.39	1/4	2,468.33	1/4	2,207.28	1/4	1,946.23	1/4	1,685.17	1/4	1,424.12
1/2	1/2	1/2	3,507.11	1/2	3,246.05	1/2	2,985.00	1/2	2,723.95	1/2	2,462.89	1/2	2,201.84	1/2	1,940.79	1/2	1,679.74	1/2	1,418.68
3/4	3/4	3/4	3,501.67	3/4	3,240.61	3/4	2,979.56	3/4	2,718.51	3/4	2,457.46	3/4	2,196.40	3/4	1,935.35	3/4	1,674.30	3/4	1,413.24
10	10	10	3,496.23	10	3,235.18	10	2,974.12	10	2,713.07	10	2,452.02	10	2,190.96	10	1,929.91	10	1,668.86	10	1,407.81
1/4	1/4	1/4	3,490.79	1/4	3,229.74	1/4	2,968.68	1/4	2,707.63	1/4	2,446.58	1/4	2,185.53	1/4	1,924.47	1/4	1,663.42	1/4	1,402.37
1/2	1/2	1/2	3,485.35	1/2	3,224.30	1/2	2,963.25	1/2	2,702.19	1/2	2,441.14	1/2	2,180.09	1/2	1,919.03	1/2	1,657.98	1/2	1,396.93
3/4	3/4	3/4	3,479.91	3/4	3,218.86	3/4	2,957.81	3/4	2,696.75	3/4	2,435.70	3/4	2,174.65	3/4	1,913.60	3/4	1,652.54	3/4	1,391.49
11	11	11	3,474.47	11	3,213.42	11	2,952.37	11	2,691.32	11	2,430.26	11	2,169.21	11	1,908.16	11	1,647.10	11	1,386.05
1/4	1/4	1/4	3,469.04	1/4	3,207.98	1/4	2,946.93	1/4	2,685.88	1/4	2,424.82	1/4	2,163.77	1/4	1,902.72	1/4	1,641.67	1/4	1,380.61
1/2	1/2	1/2	3,463.60	1/2	3,202.54	1/2	2,941.49	1/2	2,680.44	1/2	2,419.39	1/2	2,158.33	1/2	1,897.28	1/2	1,636.23	1/2	1,375.17
3/4	3/4	3/4	3,458.16	3/4	3,197.11	3/4	2,936.05	3/4	2,675.00	3/4	2,413.95	3/4	2,152.89	3/4	1,891.84	3/4	1,630.79	3/4	1,369.74

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1095"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,364.30	0	1,103.24	0	842.20	0	581.56	0	320.52	0	59.93	0		0		0		0	
1/4	1,358.86	1/4	1,097.81	1/4	836.76	1/4	576.12	1/4	315.08	1/4	54.58	1/4		1/4		1/4		1/4	
1/2	1,353.42	1/2	1,092.37	1/2	831.33	1/2	570.68	1/2	309.64	1/2	49.23	1/2		1/2		1/2		1/2	
3/4	1,347.98	3/4	1,086.93	3/4	825.89	3/4	565.24	3/4	304.21	3/4	43.88	3/4		3/4		3/4		3/4	
1	1,342.54	1	1,081.49	1	820.47	1	559.81	1	298.77	1	38.95	1		1		1		1	
1/4	1,337.10	1/4	1,076.05	1/4	815.04	1/4	554.37	1/4	293.33	1/4	34.03	1/4		1/4		1/4		1/4	
1/2	1,331.67	1/2	1,070.61	1/2	809.61	1/2	548.93	1/2	287.89	1/2	29.10	1/2		1/2		1/2		1/2	
3/4	1,326.23	3/4	1,065.17	3/4	804.18	3/4	543.49	3/4	282.45	3/4	24.18	3/4		3/4		3/4		3/4	
2	1,320.79	2	1,059.74	2	798.75	2	538.05	2	277.01	2	20.55	2		2		2		2	
1/4	1,315.35	1/4	1,054.30	1/4	793.32	1/4	532.61	1/4	271.58	1/4	16.93	1/4		1/4		1/4		1/4	
1/2	1,309.91	1/2	1,048.86	1/2	787.89	1/2	527.18	1/2	266.14	1/2	13.31	1/2		1/2		1/2		1/2	
3/4	1,304.47	3/4	1,043.42	3/4	782.46	3/4	521.74	3/4	260.70	3/4	9.69	3/4		3/4		3/4		3/4	
3	1,299.03	3	1,037.98	3	777.03	3	516.30	3	255.26	3	7.88	3		3		3		3	
1/4	1,293.60	1/4	1,032.54	1/4	771.61	1/4	510.86	1/4	249.82	1/4	6.06	1/4		1/4		1/4		1/4	
1/2	1,288.16	1/2	1,027.10	1/2	766.18	1/2	505.42	1/2	244.38	1/2	4.25	1/2		1/2		1/2		1/2	
3/4	1,282.72	3/4	1,021.67	3/4	760.75	3/4	499.99	3/4	238.95	3/4	2.44	3/4		3/4		3/4		3/4	
4	1,277.28	4	1,016.23	4	755.32	4	494.55	4	233.51	4		4		4		4		4	
1/4	1,271.84	1/4	1,010.79	1/4	749.90	1/4	489.11	1/4	228.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,266.40	1/2	1,005.35	1/2	744.47	1/2	483.67	1/2	222.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.96	3/4	999.91	3/4	739.04	3/4	478.23	3/4	217.19	3/4		3/4		3/4		3/4		3/4	
5	1,255.52	5	994.47	5	733.61	5	472.79	5	211.76	5		5		5		5		5	
1/4	1,250.09	1/4	989.03	1/4	728.19	1/4	467.36	1/4	206.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.65	1/2	983.59	1/2	722.76	1/2	461.92	1/2	200.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.21	3/4	978.16	3/4	717.33	3/4	456.48	3/4	195.44	3/4		3/4		3/4		3/4		3/4	
6	1,233.77	6	972.72	6	711.90	6	451.04	6	190.00	6		6		6		6		6	
1/4	1,228.33	1/4	967.28	1/4	706.47	1/4	445.60	1/4	184.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,222.89	1/2	961.84	1/2	701.05	1/2	440.16	1/2	179.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,217.45	3/4	956.40	3/4	695.62	3/4	434.73	3/4	173.69	3/4		3/4		3/4		3/4		3/4	
7	1,212.02	7	950.96	7	690.19	7	429.29	7	168.25	7		7		7		7		7	
1/4	1,206.58	1/4	945.52	1/4	684.76	1/4	423.85	1/4	162.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,201.14	1/2	940.09	1/2	679.34	1/2	418.41	1/2	157.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,195.70	3/4	934.65	3/4	673.91	3/4	412.97	3/4	151.94	3/4		3/4		3/4		3/4		3/4	
8	1,190.26	8	929.21	8	668.48	8	407.53	8	146.50	8		8		8		8		8	
1/4	1,184.82	1/4	923.77	1/4	663.05	1/4	402.10	1/4	141.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,179.38	1/2	918.33	1/2	657.63	1/2	396.66	1/2	135.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,173.95	3/4	912.89	3/4	652.20	3/4	391.22	3/4	130.20	3/4		3/4		3/4		3/4		3/4	
9	1,168.51	9	907.45	9	646.77	9	385.78	9	124.77	9		9		9		9		9	
1/4	1,163.07	1/4	902.02	1/4	641.34	1/4	380.34	1/4	119.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,157.63	1/2	896.58	1/2	635.91	1/2	374.90	1/2	113.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,152.19	3/4	891.14	3/4	630.49	3/4	369.47	3/4	108.49	3/4		3/4		3/4		3/4		3/4	
10	1,146.75	10	885.70	10	625.05	10	364.03	10	103.08	10		10		10		10		10	
1/4	1,141.31	1/4	880.26	1/4	619.62	1/4	358.59	1/4	97.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,135.88	1/2	874.82	1/2	614.18	1/2	353.15	1/2	92.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,130.44	3/4	869.38	3/4	608.75	3/4	347.71	3/4	86.84	3/4		3/4		3/4		3/4		3/4	
11	1,125.00	11	863.95	11	603.31	11	342.27	11	81.45	11		11		11		11		11	
1/4	1,119.56	1/4	858.51	1/4	597.87	1/4	336.84	1/4	76.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,114.12	1/2	853.07	1/2	592.44	1/2	331.40	1/2	70.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,108.68	3/4	847.63	3/4	587.00	3/4	325.96	3/4	65.28	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW
CALCULATED: 11/04/2017 CL
PRINTED: 11/04/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
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