



BARGE "IB 1204"

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"

January 25, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1204"

1 CENTER ULLAGE 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		0	3,702.84	0	3,497.39	0	3,261.99	0	3,026.59	0	2,776.94	0	2,501.68	0	2,226.59	0	1,951.52	0	1,676.44
1/4		1/4	3,702.72	1/4	3,492.48	1/4	3,257.09	1/4	3,021.69	1/4	2,771.20	1/4	2,495.95	1/4	2,220.86	1/4	1,945.79	1/4	1,670.71
1/2		1/2	3,702.61	1/2	3,487.58	1/2	3,252.18	1/2	3,016.78	1/2	2,765.45	1/2	2,490.21	1/2	2,215.13	1/2	1,940.06	1/2	1,664.98
3/4		3/4	3,702.49	3/4	3,482.67	3/4	3,247.28	3/4	3,011.88	3/4	2,759.71	3/4	2,484.48	3/4	2,209.40	3/4	1,934.33	3/4	1,659.25
1		1	3,700.45	1	3,477.77	1	3,242.37	1	3,006.98	1	2,753.97	1	2,478.75	1	2,203.67	1	1,928.60	1	1,653.52
1/4		1/4	3,698.42	1/4	3,472.87	1/4	3,237.47	1/4	3,002.07	1/4	2,748.22	1/4	2,473.02	1/4	2,197.94	1/4	1,922.87	1/4	1,647.78
1/2		1/2	3,696.39	1/2	3,467.96	1/2	3,232.57	1/2	2,997.17	1/2	2,742.48	1/2	2,467.29	1/2	2,192.21	1/2	1,917.14	1/2	1,642.05
3/4		3/4	3,694.36	3/4	3,463.06	3/4	3,227.66	3/4	2,992.26	3/4	2,736.74	3/4	2,461.56	3/4	2,186.48	3/4	1,911.41	3/4	1,636.32
2		2	3,690.41	2	3,458.15	2	3,222.76	2	2,987.36	2	2,731.00	2	2,455.83	2	2,180.75	2	1,905.67	2	1,630.59
1/4		1/4	3,686.47	1/4	3,453.25	1/4	3,217.85	1/4	2,982.46	1/4	2,725.25	1/4	2,450.10	1/4	2,175.02	1/4	1,899.94	1/4	1,624.86
1/2		1/2	3,682.52	1/2	3,448.35	1/2	3,212.95	1/2	2,977.55	1/2	2,719.51	1/2	2,444.37	1/2	2,169.29	1/2	1,894.21	1/2	1,619.13
3/4		3/4	3,678.58	3/4	3,443.44	3/4	3,208.04	3/4	2,972.65	3/4	2,713.77	3/4	2,438.64	3/4	2,163.56	3/4	1,888.48	3/4	1,613.40
3		3	3,673.72	3	3,438.54	3	3,203.14	3	2,967.74	3	2,708.03	3	2,432.90	3	2,157.83	3	1,882.75	3	1,607.67
1/4		1/4	3,668.87	1/4	3,433.63	1/4	3,198.24	1/4	2,962.84	1/4	2,702.28	1/4	2,427.17	1/4	2,152.10	1/4	1,877.02	1/4	1,601.94
1/2		1/2	3,664.01	1/2	3,428.73	1/2	3,193.33	1/2	2,957.94	1/2	2,696.54	1/2	2,421.44	1/2	2,146.37	1/2	1,871.29	1/2	1,596.21
3/4		3/4	3,659.16	3/4	3,423.83	3/4	3,188.43	3/4	2,953.03	3/4	2,690.80	3/4	2,415.71	3/4	2,140.64	3/4	1,865.56	3/4	1,590.48
4		4	3,654.27	4	3,418.92	4	3,183.52	4	2,948.13	4	2,685.07	4	2,409.98	4	2,134.91	4	1,859.83	4	1,584.74
1/4		1/4	3,649.38	1/4	3,414.02	1/4	3,178.62	1/4	2,943.22	1/4	2,679.34	1/4	2,404.25	1/4	2,129.18	1/4	1,854.10	1/4	1,579.01
1/2		1/2	3,644.49	1/2	3,409.11	1/2	3,173.72	1/2	2,938.32	1/2	2,673.61	1/2	2,398.52	1/2	2,123.45	1/2	1,848.37	1/2	1,573.28
3/4		3/4	3,639.60	3/4	3,404.21	3/4	3,168.81	3/4	2,933.42	3/4	2,667.88	3/4	2,392.79	3/4	2,117.72	3/4	1,842.63	3/4	1,567.55
5		5	3,634.70	5	3,399.30	5	3,163.91	5	2,928.51	5	2,662.14	5	2,387.06	5	2,111.99	5	1,836.90	5	1,561.83
1/4		1/4	3,629.80	1/4	3,394.40	1/4	3,159.00	1/4	2,923.61	1/4	2,656.41	1/4	2,381.33	1/4	2,106.26	1/4	1,831.17	1/4	1,556.12
1/2		1/2	3,624.89	1/2	3,389.50	1/2	3,154.10	1/2	2,918.70	1/2	2,650.68	1/2	2,375.59	1/2	2,100.52	1/2	1,825.44	1/2	1,550.40
3/4		3/4	3,619.99	3/4	3,384.59	3/4	3,149.20	3/4	2,913.80	3/4	2,644.95	3/4	2,369.86	3/4	2,094.79	3/4	1,819.71	3/4	1,544.68
6		6	3,615.09	6	3,379.69	6	3,144.29	6	2,908.89	6	2,639.22	6	2,364.13	6	2,089.06	6	1,813.98	6	1,538.97
1/4		1/4	3,610.18	1/4	3,374.78	1/4	3,139.39	1/4	2,903.99	1/4	2,633.49	1/4	2,358.40	1/4	2,083.33	1/4	1,808.25	1/4	1,533.25
1/2		1/2	3,605.28	1/2	3,369.88	1/2	3,134.48	1/2	2,899.09	1/2	2,627.76	1/2	2,352.67	1/2	2,077.60	1/2	1,802.52	1/2	1,527.53
3/4		3/4	3,600.37	3/4	3,364.98	3/4	3,129.58	3/4	2,894.18	3/4	2,622.03	3/4	2,346.94	3/4	2,071.87	3/4	1,796.79	3/4	1,521.82
7		7	3,595.47	7	3,360.07	7	3,124.68	7	2,889.28	7	2,616.30	7	2,341.21	7	2,066.14	7	1,791.06	7	1,516.10
1/4		1/4	3,590.56	1/4	3,355.17	1/4	3,119.77	1/4	2,884.37	1/4	2,610.57	1/4	2,335.48	1/4	2,060.41	1/4	1,785.33	1/4	1,510.38
1/2		1/2	3,585.66	1/2	3,350.26	1/2	3,114.87	1/2	2,879.47	1/2	2,604.83	1/2	2,329.75	1/2	2,054.68	1/2	1,779.59	1/2	1,504.67
3/4		3/4	3,580.76	3/4	3,345.36	3/4	3,109.96	3/4	2,874.57	3/4	2,599.10	3/4	2,324.02	3/4	2,048.95	3/4	1,773.86	3/4	1,498.95
8		8	3,575.85	8	3,340.46	8	3,105.06	8	2,868.82	8	2,593.37	8	2,318.28	8	2,043.22	8	1,768.13	8	1,493.23
1/4		1/4	3,570.95	1/4	3,335.55	1/4	3,100.15	1/4	2,863.08	1/4	2,587.64	1/4	2,312.55	1/4	2,037.49	1/4	1,762.40	1/4	1,487.52
1/2		1/2	3,566.04	1/2	3,330.65	1/2	3,095.25	1/2	2,857.34	1/2	2,581.91	1/2	2,306.82	1/2	2,031.75	1/2	1,756.67	1/2	1,481.80
3/4		3/4	3,561.14	3/4	3,325.74	3/4	3,090.35	3/4	2,851.59	3/4	2,576.18	3/4	2,301.09	3/4	2,026.02	3/4	1,750.94	3/4	1,476.08
9		9	3,556.24	9	3,320.84	9	3,085.44	9	2,845.85	9	2,570.45	9	2,295.36	9	2,020.29	9	1,745.21	9	1,470.37
1/4		1/4	3,551.33	1/4	3,315.93	1/4	3,080.54	1/4	2,840.11	1/4	2,564.72	1/4	2,289.63	1/4	2,014.56	1/4	1,739.48	1/4	1,464.65
1/2		1/2	3,546.43	1/2	3,311.03	1/2	3,075.63	1/2	2,834.37	1/2	2,558.99	1/2	2,283.90	1/2	2,008.83	1/2	1,733.75	1/2	1,458.93
3/4		3/4	3,541.52	3/4	3,306.13	3/4	3,070.73	3/4	2,828.62	3/4	2,553.26	3/4	2,278.17	3/4	2,003.10	3/4	1,728.02	3/4	1,453.22
10		10	3,536.62	10	3,301.22	10	3,065.83	10	2,822.88	10	2,547.52	10	2,272.44	10	1,997.37	10	1,722.29	10	1,447.50
1/4		1/4	3,531.72	1/4	3,296.32	1/4	3,060.92	1/4	2,817.14	1/4	2,541.79	1/4	2,266.71	1/4	1,991.64	1/4	1,716.55	1/4	1,441.78
1/2		1/2	3,526.81	1/2	3,291.41	1/2	3,056.02	1/2	2,811.40	1/2	2,536.06	1/2	2,260.98	1/2	1,985.91	1/2	1,710.82	1/2	1,436.07
3/4		3/4	3,521.91	3/4	3,286.51	3/4	3,051.11	3/4	2,805.65	3/4	2,530.33	3/4	2,255.25	3/4	1,980.18	3/4	1,705.09	3/4	1,430.35
11		11	3,517.00	11	3,281.61	11	3,046.21	11	2,799.91	11	2,524.60	11	2,249.52	11	1,974.45	11	1,699.36	11	1,424.63
1/4		1/4	3,512.10	1/4	3,276.70	1/4	3,041.31	1/4	2,794.17	1/4	2,518.87	1/4	2,243.78	1/4	1,968.71	1/4	1,693.63	1/4	1,418.92
1/2		1/2	3,507.19	1/2	3,271.80	1/2	3,036.40	1/2	2,788.42	1/2	2,513.14	1/2	2,238.05	1/2	1,962.98	1/2	1,687.90	1/2	1,413.20
3/4		3/4	3,502.29	3/4	3,266.89	3/4	3,031.50	3/4	2,782.68	3/4	2,507.41	3/4	2,232.32	3/4	1,957.25	3/4	1,682.17	3/4	1,407.48

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 INNAE 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 1204"

1 CENTER ULLAGE 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	1,401.77	0	1,126.95	0	852.75	0	582.96	0	307.86	0	33.70	0		0		0		0	
1/4	1,396.05	1/4	1,121.22	1/4	847.17	1/4	577.23	1/4	302.13	1/4	28.91	1/4		1/4		1/4		1/4	
1/2	1,390.33	1/2	1,115.50	1/2	841.59	1/2	571.50	1/2	296.40	1/2	24.13	1/2		1/2		1/2		1/2	
3/4	1,384.62	3/4	1,109.77	3/4	836.01	3/4	565.77	3/4	290.67	3/4	19.35	3/4		3/4		3/4		3/4	
1	1,378.90	1	1,104.04	1	830.43	1	560.04	1	284.94	1	16.48	1		1		1		1	
1/4	1,373.18	1/4	1,098.31	1/4	824.85	1/4	554.31	1/4	279.21	1/4	13.60	1/4		1/4		1/4		1/4	
1/2	1,367.47	1/2	1,092.58	1/2	819.27	1/2	548.57	1/2	273.47	1/2	10.73	1/2		1/2		1/2		1/2	
3/4	1,361.75	3/4	1,086.86	3/4	813.69	3/4	542.84	3/4	267.74	3/4	7.86	3/4		3/4		3/4		3/4	
2	1,356.03	2	1,081.13	2	808.11	2	537.11	2	262.01	2	6.90	2		2		2		2	
1/4	1,350.32	1/4	1,075.40	1/4	802.53	1/4	531.38	1/4	256.28	1/4	5.95	1/4		1/4		1/4		1/4	
1/2	1,344.60	1/2	1,069.67	1/2	796.95	1/2	525.65	1/2	250.55	1/2	4.99	1/2		1/2		1/2		1/2	
3/4	1,338.88	3/4	1,063.94	3/4	791.37	3/4	519.92	3/4	244.82	3/4	4.03	3/4		3/4		3/4		3/4	
3	1,333.16	3	1,058.22	3	785.79	3	514.19	3	239.09	3		3		3		3		3	
1/4	1,327.43	1/4	1,052.49	1/4	780.21	1/4	508.46	1/4	233.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,321.70	1/2	1,046.76	1/2	774.63	1/2	502.72	1/2	227.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,315.97	3/4	1,041.03	3/4	769.05	3/4	496.99	3/4	221.89	3/4		3/4		3/4		3/4		3/4	
4	1,310.24	4	1,035.30	4	763.48	4	491.26	4	216.16	4		4		4		4		4	
1/4	1,304.52	1/4	1,029.58	1/4	757.90	1/4	485.53	1/4	210.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,298.79	1/2	1,023.85	1/2	752.32	1/2	479.80	1/2	204.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,293.06	3/4	1,018.12	3/4	746.74	3/4	474.07	3/4	198.94	3/4		3/4		3/4		3/4		3/4	
5	1,287.33	5	1,012.39	5	741.16	5	468.34	5	193.21	5		5		5		5		5	
1/4	1,281.60	1/4	1,006.67	1/4	735.58	1/4	462.61	1/4	187.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,275.88	1/2	1,000.94	1/2	730.00	1/2	456.87	1/2	181.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,270.15	3/4	995.21	3/4	724.42	3/4	451.14	3/4	175.99	3/4		3/4		3/4		3/4		3/4	
6	1,264.42	6	989.48	6	718.84	6	445.41	6	170.26	6		6		6		6		6	
1/4	1,258.69	1/4	983.75	1/4	713.26	1/4	439.68	1/4	164.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,252.97	1/2	978.03	1/2	707.68	1/2	433.95	1/2	158.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,247.24	3/4	972.30	3/4	702.10	3/4	428.22	3/4	153.06	3/4		3/4		3/4		3/4		3/4	
7	1,241.51	7	966.57	7	696.52	7	422.49	7	147.32	7		7		7		7		7	
1/4	1,235.78	1/4	960.84	1/4	690.94	1/4	416.76	1/4	141.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,230.05	1/2	955.11	1/2	685.36	1/2	411.03	1/2	135.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,224.33	3/4	949.39	3/4	679.78	3/4	405.29	3/4	130.11	3/4		3/4		3/4		3/4		3/4	
8	1,218.60	8	943.66	8	674.20	8	399.56	8	124.36	8		8		8		8		8	
1/4	1,212.87	1/4	937.93	1/4	668.63	1/4	393.83	1/4	118.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,207.14	1/2	932.20	1/2	663.05	1/2	388.10	1/2	112.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,201.41	3/4	926.47	3/4	657.47	3/4	382.37	3/4	107.13	3/4		3/4		3/4		3/4		3/4	
9	1,195.69	9	920.75	9	651.74	9	376.64	9	101.39	9		9		9		9		9	
1/4	1,189.96	1/4	915.02	1/4	646.00	1/4	370.91	1/4	95.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,184.23	1/2	909.29	1/2	640.27	1/2	365.18	1/2	89.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,178.50	3/4	903.56	3/4	634.54	3/4	359.44	3/4	84.17	3/4		3/4		3/4		3/4		3/4	
10	1,172.77	10	897.84	10	628.81	10	353.71	10	78.44	10		10		10		10		10	
1/4	1,167.05	1/4	892.11	1/4	623.08	1/4	347.98	1/4	72.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,161.32	1/2	886.38	1/2	617.35	1/2	342.25	1/2	66.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,155.59	3/4	880.65	3/4	611.62	3/4	336.52	3/4	61.25	3/4		3/4		3/4		3/4		3/4	
11	1,149.86	11	875.07	11	605.89	11	330.79	11	55.56	11		11		11		11		11	
1/4	1,144.13	1/4	869.49	1/4	600.15	1/4	325.06	1/4	49.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,138.41	1/2	863.91	1/2	594.42	1/2	319.33	1/2	44.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,132.68	3/4	858.33	3/4	588.69	3/4	313.59	3/4	38.48	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2018 SW
CALCULATED: 01/26/2018 CL
PRINTED: 01/26/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2018

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



BARGE "IB 1204"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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		0	3,402.97	0	3,177.32	0	2,933.65	0	2,689.98	0	2,446.31	0	2,202.64	0	1,958.96	0	1,715.29	0	1,471.62
1/4		1/4	3,402.13	1/4	3,172.25	1/4	2,928.58	1/4	2,684.90	1/4	2,441.23	1/4	2,197.56	1/4	1,953.89	1/4	1,710.22	1/4	1,466.54
1/2		1/2	3,399.59	1/2	3,167.17	1/2	2,923.50	1/2	2,679.83	1/2	2,436.15	1/2	2,192.48	1/2	1,948.81	1/2	1,705.14	1/2	1,461.47
3/4		3/4	3,397.05	3/4	3,162.09	3/4	2,918.42	3/4	2,674.75	3/4	2,431.08	3/4	2,187.41	3/4	1,943.73	3/4	1,700.06	3/4	1,456.39
1		1	3,394.51	1	3,157.02	1	2,913.35	1	2,669.67	1	2,426.00	1	2,182.33	1	1,938.66	1	1,694.99	1	1,451.31
1/4		1/4	3,391.97	1/4	3,151.94	1/4	2,908.27	1/4	2,664.60	1/4	2,420.93	1/4	2,177.25	1/4	1,933.58	1/4	1,689.91	1/4	1,446.24
1/2		1/2	3,387.74	1/2	3,146.86	1/2	2,903.19	1/2	2,659.52	1/2	2,415.85	1/2	2,172.18	1/2	1,928.50	1/2	1,684.83	1/2	1,441.16
3/4		3/4	3,383.52	3/4	3,141.79	3/4	2,898.12	3/4	2,654.44	3/4	2,410.77	3/4	2,167.10	3/4	1,923.43	3/4	1,679.76	3/4	1,436.08
2		2	3,379.29	2	3,136.71	2	2,893.04	2	2,649.37	2	2,405.70	2	2,162.02	2	1,918.35	2	1,674.68	2	1,431.01
1/4		1/4	3,375.06	1/4	3,131.64	1/4	2,887.96	1/4	2,644.29	1/4	2,400.62	1/4	2,156.95	1/4	1,913.28	1/4	1,669.60	1/4	1,425.93
1/2		1/2	3,370.03	1/2	3,126.56	1/2	2,882.89	1/2	2,639.21	1/2	2,395.54	1/2	2,151.87	1/2	1,908.20	1/2	1,664.53	1/2	1,420.85
3/4		3/4	3,364.99	3/4	3,121.48	3/4	2,877.81	3/4	2,634.14	3/4	2,390.47	3/4	2,146.79	3/4	1,903.12	3/4	1,659.45	3/4	1,415.78
3		3	3,359.96	3	3,116.41	3	2,872.73	3	2,629.06	3	2,385.39	3	2,141.72	3	1,898.05	3	1,654.37	3	1,410.70
1/4		1/4	3,354.93	1/4	3,111.33	1/4	2,867.66	1/4	2,623.99	1/4	2,380.31	1/4	2,136.64	1/4	1,892.97	1/4	1,649.30	1/4	1,405.63
1/2		1/2	3,349.87	1/2	3,106.25	1/2	2,862.58	1/2	2,618.91	1/2	2,375.24	1/2	2,131.56	1/2	1,887.89	1/2	1,644.22	1/2	1,400.55
3/4		3/4	3,344.80	3/4	3,101.18	3/4	2,857.50	3/4	2,613.83	3/4	2,370.16	3/4	2,126.49	3/4	1,882.82	3/4	1,639.14	3/4	1,395.47
4		4	3,339.74	4	3,096.10	4	2,852.43	4	2,608.76	4	2,365.08	4	2,121.41	4	1,877.74	4	1,634.07	4	1,390.40
1/4		1/4	3,334.67	1/4	3,091.02	1/4	2,847.35	1/4	2,603.68	1/4	2,360.01	1/4	2,116.34	1/4	1,872.66	1/4	1,628.99	1/4	1,385.32
1/2		1/2	3,329.60	1/2	3,085.95	1/2	2,842.27	1/2	2,598.60	1/2	2,354.93	1/2	2,111.26	1/2	1,867.59	1/2	1,623.91	1/2	1,380.24
3/4		3/4	3,324.53	3/4	3,080.87	3/4	2,837.20	3/4	2,593.53	3/4	2,349.85	3/4	2,106.18	3/4	1,862.51	3/4	1,618.84	3/4	1,375.17
5		5	3,319.46	5	3,075.79	5	2,832.12	5	2,588.45	5	2,344.78	5	2,101.11	5	1,857.43	5	1,613.76	5	1,370.09
1/4		1/4	3,314.39	1/4	3,070.72	1/4	2,827.05	1/4	2,583.37	1/4	2,339.70	1/4	2,096.03	1/4	1,852.36	1/4	1,608.69	1/4	1,365.01
1/2		1/2	3,309.31	1/2	3,065.64	1/2	2,821.97	1/2	2,578.30	1/2	2,334.62	1/2	2,090.95	1/2	1,847.28	1/2	1,603.61	1/2	1,359.94
3/4		3/4	3,304.24	3/4	3,060.56	3/4	2,816.89	3/4	2,573.22	3/4	2,329.55	3/4	2,085.88	3/4	1,842.20	3/4	1,598.53	3/4	1,354.86
6		6	3,299.16	6	3,055.49	6	2,811.82	6	2,568.14	6	2,324.47	6	2,080.80	6	1,837.13	6	1,593.46	6	1,349.78
1/4		1/4	3,294.08	1/4	3,050.41	1/4	2,806.74	1/4	2,563.07	1/4	2,319.40	1/4	2,075.72	1/4	1,832.05	1/4	1,588.38	1/4	1,344.71
1/2		1/2	3,289.01	1/2	3,045.33	1/2	2,801.66	1/2	2,557.99	1/2	2,314.32	1/2	2,070.65	1/2	1,826.97	1/2	1,583.30	1/2	1,339.63
3/4		3/4	3,283.93	3/4	3,040.26	3/4	2,796.59	3/4	2,552.91	3/4	2,309.24	3/4	2,065.57	3/4	1,821.90	3/4	1,578.23	3/4	1,334.55
7		7	3,278.85	7	3,035.18	7	2,791.51	7	2,547.84	7	2,304.17	7	2,060.49	7	1,816.82	7	1,573.15	7	1,329.48
1/4		1/4	3,273.78	1/4	3,030.11	1/4	2,786.43	1/4	2,542.76	1/4	2,299.09	1/4	2,055.42	1/4	1,811.75	1/4	1,568.07	1/4	1,324.40
1/2		1/2	3,268.70	1/2	3,025.03	1/2	2,781.36	1/2	2,537.68	1/2	2,294.01	1/2	2,050.34	1/2	1,806.67	1/2	1,563.00	1/2	1,319.32
3/4		3/4	3,263.62	3/4	3,019.95	3/4	2,776.28	3/4	2,532.61	3/4	2,288.94	3/4	2,045.26	3/4	1,801.59	3/4	1,557.92	3/4	1,314.25
8		8	3,258.55	8	3,014.88	8	2,771.20	8	2,527.53	8	2,283.86	8	2,040.19	8	1,796.52	8	1,552.84	8	1,309.17
1/4		1/4	3,253.47	1/4	3,009.80	1/4	2,766.13	1/4	2,522.46	1/4	2,278.78	1/4	2,035.11	1/4	1,791.44	1/4	1,547.77	1/4	1,304.10
1/2		1/2	3,248.39	1/2	3,004.72	1/2	2,761.05	1/2	2,517.38	1/2	2,273.71	1/2	2,030.03	1/2	1,786.36	1/2	1,542.69	1/2	1,299.02
3/4		3/4	3,243.32	3/4	2,999.65	3/4	2,755.97	3/4	2,512.30	3/4	2,268.63	3/4	2,024.96	3/4	1,781.29	3/4	1,537.61	3/4	1,293.94
9		9	3,238.24	9	2,994.57	9	2,750.90	9	2,507.23	9	2,263.55	9	2,019.88	9	1,776.21	9	1,532.54	9	1,288.87
1/4		1/4	3,233.17	1/4	2,989.49	1/4	2,745.82	1/4	2,502.15	1/4	2,258.48	1/4	2,014.81	1/4	1,771.13	1/4	1,527.46	1/4	1,283.79
1/2		1/2	3,228.09	1/2	2,984.42	1/2	2,740.74	1/2	2,497.07	1/2	2,253.40	1/2	2,009.73	1/2	1,766.06	1/2	1,522.38	1/2	1,278.71
3/4		3/4	3,223.01	3/4	2,979.34	3/4	2,735.67	3/4	2,492.00	3/4	2,248.32	3/4	2,004.65	3/4	1,760.98	3/4	1,517.31	3/4	1,273.64
10		10	3,217.94	10	2,974.26	10	2,730.59	10	2,486.92	10	2,243.25	10	1,999.58	10	1,755.90	10	1,512.23	10	1,268.56
1/4		1/4	3,212.86	1/4	2,969.19	1/4	2,725.52	1/4	2,481.84	1/4	2,238.17	1/4	1,994.50	1/4	1,750.83	1/4	1,507.16	1/4	1,263.48
1/2		1/2	3,207.78	1/2	2,964.11	1/2	2,720.44	1/2	2,476.77	1/2	2,233.09	1/2	1,989.42	1/2	1,745.75	1/2	1,502.08	1/2	1,258.41
3/4		3/4	3,202.71	3/4	2,959.03	3/4	2,715.36	3/4	2,471.69	3/4	2,228.02	3/4	1,984.35	3/4	1,740.67	3/4	1,497.00	3/4	1,253.33
11		11	3,197.63	11	2,953.96	11	2,710.29	11	2,466.61	11	2,222.94	11	1,979.27	11	1,735.60	11	1,491.93	11	1,248.25
1/4		1/4	3,405.51	1/4	3,192.55	1/4	2,948.88	1/4	2,705.21	1/4	2,461.54	1/4	2,217.87	1/4	1,974.19	1/4	1,486.85	1/4	1,243.18
1/2		1/2	3,404.66	1/2	3,187.48	1/2	2,943.80	1/2	2,700.13	1/2	2,456.46	1/2	2,212.79	1/2	1,969.12	1/2	1,481.77	1/2	1,238.10
3/4		3/4	3,403.82	3/4	3,182.40	3/4	2,938.73	3/4	2,695.06	3/4	2,451.38	3/4	2,207.71	3/4	1,964.04	3/4	1,476.70	3/4	1,233.02

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 INNAE 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 1204"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	1,227.95	0	984.28	0	741.65	0	502.94	0	259.27	0	18.39	0		0		0		0	
1/4	1,222.87	1/4	979.20	1/4	736.72	1/4	497.86	1/4	254.20	1/4	14.17	1/4		1/4		1/4		1/4	
1/2	1,217.79	1/2	974.12	1/2	731.79	1/2	492.78	1/2	249.12	1/2	11.63	1/2		1/2		1/2		1/2	
3/4	1,212.72	3/4	969.05	3/4	726.87	3/4	487.71	3/4	244.04	3/4	9.09	3/4		3/4		3/4		3/4	
1	1,207.64	1	963.97	1	721.94	1	482.63	1	238.97	1	6.55	1		1		1		1	
1/4	1,202.57	1/4	958.89	1/4	717.01	1/4	477.55	1/4	233.89	1/4	4.01	1/4		1/4		1/4		1/4	
1/2	1,197.49	1/2	953.82	1/2	712.09	1/2	472.48	1/2	228.82	1/2	3.17	1/2		1/2		1/2		1/2	
3/4	1,192.41	3/4	948.74	3/4	707.16	3/4	467.40	3/4	223.74	3/4	2.32	3/4		3/4		3/4		3/4	
2	1,187.34	2	943.66	2	702.24	2	462.33	2	218.66	2	1.48	2		2		2		2	
1/4	1,182.26	1/4	938.59	1/4	697.31	1/4	457.25	1/4	213.59	1/4	0.63	1/4		1/4		1/4		1/4	
1/2	1,177.18	1/2	933.51	1/2	692.38	1/2	452.17	1/2	208.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,172.11	3/4	928.43	3/4	687.46	3/4	447.10	3/4	203.43	3/4		3/4		3/4		3/4		3/4	
3	1,167.03	3	923.36	3	682.53	3	442.02	3	198.36	3		3		3		3		3	
1/4	1,161.95	1/4	918.28	1/4	677.60	1/4	436.94	1/4	193.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,156.88	1/2	913.20	1/2	672.68	1/2	431.87	1/2	188.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,151.80	3/4	908.13	3/4	667.75	3/4	426.79	3/4	183.13	3/4		3/4		3/4		3/4		3/4	
4	1,146.72	4	903.05	4	662.83	4	421.72	4	178.05	4		4		4		4		4	
1/4	1,141.65	1/4	897.98	1/4	657.90	1/4	416.64	1/4	172.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,136.57	1/2	892.90	1/2	652.97	1/2	411.56	1/2	167.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,131.49	3/4	887.82	3/4	648.05	3/4	406.49	3/4	162.82	3/4		3/4		3/4		3/4		3/4	
5	1,126.42	5	882.75	5	643.12	5	401.41	5	157.75	5		5		5		5		5	
1/4	1,121.34	1/4	877.67	1/4	638.20	1/4	396.33	1/4	152.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,116.26	1/2	872.59	1/2	633.27	1/2	391.26	1/2	147.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,111.19	3/4	867.52	3/4	628.34	3/4	386.18	3/4	142.52	3/4		3/4		3/4		3/4		3/4	
6	1,106.11	6	862.44	6	623.42	6	381.11	6	137.45	6		6		6		6		6	
1/4	1,101.04	1/4	857.36	1/4	618.49	1/4	376.03	1/4	132.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,095.96	1/2	852.29	1/2	613.56	1/2	370.95	1/2	127.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,090.88	3/4	847.21	3/4	608.64	3/4	365.88	3/4	122.22	3/4		3/4		3/4		3/4		3/4	
7	1,085.81	7	842.13	7	603.71	7	360.80	7	117.14	7		7		7		7		7	
1/4	1,080.73	1/4	837.06	1/4	598.79	1/4	355.72	1/4	112.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,075.65	1/2	831.98	1/2	593.86	1/2	350.65	1/2	106.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,070.58	3/4	826.90	3/4	588.93	3/4	345.57	3/4	101.91	3/4		3/4		3/4		3/4		3/4	
8	1,065.50	8	821.83	8	584.01	8	340.49	8	96.84	8		8		8		8		8	
1/4	1,060.42	1/4	816.75	1/4	579.08	1/4	335.42	1/4	91.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,055.35	1/2	811.67	1/2	574.00	1/2	330.34	1/2	86.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,050.27	3/4	806.60	3/4	568.93	3/4	325.27	3/4	81.61	3/4		3/4		3/4		3/4		3/4	
9	1,045.19	9	801.52	9	563.85	9	320.19	9	76.54	9		9		9		9		9	
1/4	1,040.12	1/4	796.45	1/4	558.78	1/4	315.11	1/4	71.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,035.04	1/2	791.37	1/2	553.70	1/2	310.04	1/2	66.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,029.96	3/4	786.29	3/4	548.62	3/4	304.96	3/4	61.34	3/4		3/4		3/4		3/4		3/4	
10	1,024.89	10	781.22	10	543.55	10	299.88	10	56.27	10		10		10		10		10	
1/4	1,019.81	1/4	776.14	1/4	538.47	1/4	294.81	1/4	51.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,014.73	1/2	771.21	1/2	533.39	1/2	289.73	1/2	46.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,009.66	3/4	766.28	3/4	528.32	3/4	284.66	3/4	41.14	3/4		3/4		3/4		3/4		3/4	
11	1,004.58	11	761.36	11	523.24	11	279.58	11	36.11	11		11		11		11		11	
1/4	999.51	1/4	756.43	1/4	518.17	1/4	274.50	1/4	31.08	1/4		1/4		1/4		1/4		1/4	
1/2	994.43	1/2	751.50	1/2	513.09	1/2	269.43	1/2	26.85	1/2		1/2		1/2		1/2		1/2	
3/4	989.35	3/4	746.57	3/4	508.01	3/4	264.35	3/4	22.62	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2018 SW
CALCULATED: 01/26/2018 CL
PRINTED: 01/26/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "IB 1204"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,185.59	0	2,943.64	0	2,701.69	0	2,459.74	0	2,217.79	0	1,975.84	0	1,733.90	0	1,491.95
1/4		1/4		1/4	3,180.55	1/4	2,938.60	1/4	2,696.65	1/4	2,454.70	1/4	2,212.75	1/4	1,970.80	1/4	1,728.86	1/4	1,486.91
1/2		1/2		1/2	3,386.95	1/2	2,933.56	1/2	2,691.61	1/2	2,449.66	1/2	2,207.71	1/2	1,965.76	1/2	1,723.81	1/2	1,481.87
3/4		3/4		3/4	3,386.11	3/4	3,170.47	3/4	2,928.52	3/4	2,686.57	3/4	2,444.62	3/4	2,202.67	3/4	1,960.72	3/4	1,476.83
1		1		1	3,385.27	1	3,165.43	1	2,923.48	1	2,681.53	1	2,439.58	1	2,197.63	1	1,955.68	1	1,713.73
1/4		1/4		1/4	3,384.43	1/4	3,160.39	1/4	2,918.44	1/4	2,676.49	1/4	2,434.54	1/4	2,192.59	1/4	1,950.64	1/4	1,708.69
1/2		1/2		1/2	3,383.59	1/2	3,155.34	1/2	2,913.40	1/2	2,671.45	1/2	2,429.50	1/2	2,187.55	1/2	1,945.60	1/2	1,703.65
3/4		3/4		3/4	3,381.07	3/4	3,150.30	3/4	2,908.36	3/4	2,666.41	3/4	2,424.46	3/4	2,182.51	3/4	1,940.56	3/4	1,698.61
2		2		2	3,378.55	2	3,145.26	2	2,903.31	2	2,661.37	2	2,419.42	2	2,177.47	2	1,935.52	2	1,693.57
1/4		1/4		1/4	3,376.03	1/4	3,140.22	1/4	2,898.27	1/4	2,656.33	1/4	2,414.38	1/4	2,172.43	1/4	1,930.48	1/4	1,688.53
1/2		1/2		1/2	3,373.51	1/2	3,135.18	1/2	2,893.23	1/2	2,651.28	1/2	2,409.34	1/2	2,167.39	1/2	1,925.44	1/2	1,683.49
3/4		3/4		3/4	3,369.31	3/4	3,130.14	3/4	2,888.19	3/4	2,646.24	3/4	2,404.30	3/4	2,162.35	3/4	1,920.40	3/4	1,678.45
3		3		3	3,365.11	3	3,125.10	3	2,883.15	3	2,641.20	3	2,399.25	3	2,157.31	3	1,915.36	3	1,673.41
1/4		1/4		1/4	3,360.91	1/4	3,120.06	1/4	2,878.11	1/4	2,636.16	1/4	2,394.21	1/4	2,152.27	1/4	1,910.32	1/4	1,668.37
1/2		1/2		1/2	3,356.72	1/2	3,115.02	1/2	2,873.07	1/2	2,631.12	1/2	2,389.17	1/2	2,147.22	1/2	1,905.28	1/2	1,663.33
3/4		3/4		3/4	3,351.72	3/4	3,109.98	3/4	2,868.03	3/4	2,626.08	3/4	2,384.13	3/4	2,142.18	3/4	1,900.24	3/4	1,658.29
4		4		4	3,346.72	4	3,104.94	4	2,862.99	4	2,621.04	4	2,379.09	4	2,137.14	4	1,895.19	4	1,653.25
1/4		1/4		1/4	3,341.72	1/4	3,099.90	1/4	2,857.95	1/4	2,616.00	1/4	2,374.05	1/4	2,132.10	1/4	1,890.15	1/4	1,648.21
1/2		1/2		1/2	3,336.73	1/2	3,094.86	1/2	2,852.91	1/2	2,610.96	1/2	2,369.01	1/2	2,127.06	1/2	1,885.11	1/2	1,643.16
3/4		3/4		3/4	3,331.70	3/4	3,089.82	3/4	2,847.87	3/4	2,605.92	3/4	2,363.97	3/4	2,122.02	3/4	1,880.07	3/4	1,638.12
5		5		5	3,326.67	5	3,084.78	5	2,842.83	5	2,600.88	5	2,358.93	5	2,116.98	5	1,875.03	5	1,633.08
1/4		1/4		1/4	3,321.64	1/4	3,079.74	1/4	2,837.79	1/4	2,595.84	1/4	2,353.89	1/4	2,111.94	1/4	1,869.99	1/4	1,628.04
1/2		1/2		1/2	3,316.62	1/2	3,074.70	1/2	2,832.75	1/2	2,590.80	1/2	2,348.85	1/2	2,106.90	1/2	1,864.95	1/2	1,623.00
3/4		3/4		3/4	3,311.58	3/4	3,069.65	3/4	2,827.71	3/4	2,585.76	3/4	2,343.81	3/4	2,101.86	3/4	1,859.91	3/4	1,617.96
6		6		6	3,306.55	6	3,064.61	6	2,822.67	6	2,580.72	6	2,338.77	6	2,096.82	6	1,854.87	6	1,612.92
1/4		1/4		1/4	3,301.52	1/4	3,059.57	1/4	2,817.62	1/4	2,575.68	1/4	2,333.73	1/4	2,091.78	1/4	1,849.83	1/4	1,607.88
1/2		1/2		1/2	3,296.48	1/2	3,054.53	1/2	2,812.58	1/2	2,570.64	1/2	2,328.69	1/2	2,086.74	1/2	1,844.79	1/2	1,602.84
3/4		3/4		3/4	3,291.44	3/4	3,049.49	3/4	2,807.54	3/4	2,565.59	3/4	2,323.65	3/4	2,081.70	3/4	1,839.75	3/4	1,597.80
7		7		7	3,286.40	7	3,044.45	7	2,802.50	7	2,560.55	7	2,318.61	7	2,076.66	7	1,834.71	7	1,592.76
1/4		1/4		1/4	3,281.36	1/4	3,039.41	1/4	2,797.46	1/4	2,555.51	1/4	2,313.56	1/4	2,071.62	1/4	1,829.67	1/4	1,587.72
1/2		1/2		1/2	3,276.32	1/2	3,034.37	1/2	2,792.42	1/2	2,550.47	1/2	2,308.52	1/2	2,066.58	1/2	1,824.63	1/2	1,582.68
3/4		3/4		3/4	3,271.28	3/4	3,029.33	3/4	2,787.38	3/4	2,545.43	3/4	2,303.48	3/4	2,061.53	3/4	1,819.59	3/4	1,577.64
8		8		8	3,266.24	8	3,024.29	8	2,782.34	8	2,540.39	8	2,298.44	8	2,056.49	8	1,814.55	8	1,572.60
1/4		1/4		1/4	3,261.20	1/4	3,019.25	1/4	2,777.30	1/4	2,535.35	1/4	2,293.40	1/4	2,051.45	1/4	1,809.50	1/4	1,567.56
1/2		1/2		1/2	3,256.16	1/2	3,014.21	1/2	2,772.26	1/2	2,530.31	1/2	2,288.36	1/2	2,046.41	1/2	1,804.46	1/2	1,562.52
3/4		3/4		3/4	3,251.12	3/4	3,009.17	3/4	2,767.22	3/4	2,525.27	3/4	2,283.32	3/4	2,041.37	3/4	1,799.42	3/4	1,557.47
9		9		9	3,246.08	9	3,004.13	9	2,762.18	9	2,520.23	9	2,278.28	9	2,036.33	9	1,794.38	9	1,552.43
1/4		1/4		1/4	3,241.04	1/4	2,999.09	1/4	2,757.14	1/4	2,515.19	1/4	2,273.24	1/4	2,031.29	1/4	1,789.34	1/4	1,547.39
1/2		1/2		1/2	3,235.99	1/2	2,994.05	1/2	2,752.10	1/2	2,510.15	1/2	2,268.20	1/2	2,026.25	1/2	1,784.30	1/2	1,542.35
3/4		3/4		3/4	3,230.95	3/4	2,989.01	3/4	2,747.06	3/4	2,505.11	3/4	2,263.16	3/4	2,021.21	3/4	1,779.26	3/4	1,537.31
10		10		10	3,225.91	10	2,983.96	10	2,742.02	10	2,500.07	10	2,258.12	10	2,016.17	10	1,774.22	10	1,532.27
1/4		1/4		1/4	3,220.87	1/4	2,978.92	1/4	2,736.98	1/4	2,495.03	1/4	2,253.08	1/4	2,011.13	1/4	1,769.18	1/4	1,527.23
1/2		1/2		1/2	3,215.83	1/2	2,973.88	1/2	2,731.93	1/2	2,489.99	1/2	2,248.04	1/2	2,006.09	1/2	1,764.14	1/2	1,522.19
3/4		3/4		3/4	3,210.79	3/4	2,968.84	3/4	2,726.89	3/4	2,484.95	3/4	2,243.00	3/4	2,001.05	3/4	1,759.10	3/4	1,517.15
11		11		11	3,205.75	11	2,963.80	11	2,721.85	11	2,479.90	11	2,237.96	11	1,996.01	11	1,754.06	11	1,512.11
1/4		1/4		1/4	3,200.71	1/4	2,958.76	1/4	2,716.81	1/4	2,474.86	1/4	2,232.92	1/4	1,990.97	1/4	1,749.02	1/4	1,507.07
1/2		1/2		1/2	3,195.67	1/2	2,953.72	1/2	2,711.77	1/2	2,469.82	1/2	2,227.87	1/2	1,985.93	1/2	1,743.98	1/2	1,502.03
3/4		3/4		3/4	3,190.63	3/4	2,948.68	3/4	2,706.73	3/4	2,464.78	3/4	2,222.83	3/4	1,980.89	3/4	1,738.94	3/4	1,496.99

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 INNAE 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 1204"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,250.00	0	1,008.05	0	766.12	0	524.57	0	282.64	0	40.85	0		0		0		0	
1/4	1,244.96	1/4	1,003.01	1/4	761.09	1/4	519.53	1/4	277.60	1/4	35.86	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,239.92	1/2	997.97	1/2	756.06	1/2	514.49	1/2	272.56	1/2	30.86	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,234.88	3/4	992.93	3/4	751.03	3/4	509.45	3/4	267.52	3/4	26.66	3/4		3/4	3/4	3/4		3/4	3/4
1	1,229.84	1	987.89	1	745.99	1	504.41	1	262.48	1	22.46	1		1	1	1		1	1
1/4	1,224.80	1/4	982.85	1/4	740.96	1/4	499.37	1/4	257.44	1/4	18.27	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,219.75	1/2	977.81	1/2	735.93	1/2	494.33	1/2	252.40	1/2	14.07	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,214.71	3/4	972.77	3/4	730.90	3/4	489.29	3/4	247.36	3/4	11.55	3/4		3/4	3/4	3/4		3/4	3/4
2	1,209.67	2	967.72	2	725.87	2	484.25	2	242.32	2	9.03	2		2	2	2		2	2
1/4	1,204.63	1/4	962.68	1/4	720.84	1/4	479.21	1/4	237.28	1/4	6.51	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,199.59	1/2	957.64	1/2	715.81	1/2	474.17	1/2	232.24	1/2	3.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,194.55	3/4	952.60	3/4	710.78	3/4	469.13	3/4	227.20	3/4	3.15	3/4		3/4	3/4	3/4		3/4	3/4
3	1,189.51	3	947.56	3	705.75	3	464.09	3	222.16	3	2.31	3		3	3	3		3	3
1/4	1,184.47	1/4	942.52	1/4	700.72	1/4	459.05	1/4	217.12	1/4	1.47	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,179.43	1/2	937.48	1/2	695.69	1/2	454.01	1/2	212.08	1/2	0.63	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,174.39	3/4	932.44	3/4	690.66	3/4	448.97	3/4	207.04	3/4		3/4		3/4	3/4	3/4		3/4	3/4
4	1,169.35	4	927.40	4	685.63	4	443.93	4	202.00	4		4		4	4	4		4	4
1/4	1,164.31	1/4	922.36	1/4	680.60	1/4	438.89	1/4	196.96	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,159.27	1/2	917.32	1/2	675.57	1/2	433.85	1/2	191.91	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,154.23	3/4	912.28	3/4	670.54	3/4	428.81	3/4	186.87	3/4		3/4		3/4	3/4	3/4		3/4	3/4
5	1,149.19	5	907.24	5	665.51	5	423.77	5	181.83	5		5		5	5	5		5	5
1/4	1,144.15	1/4	902.20	1/4	660.48	1/4	418.73	1/4	176.79	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,139.10	1/2	897.16	1/2	655.45	1/2	413.69	1/2	171.75	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,134.06	3/4	892.12	3/4	650.42	3/4	408.65	3/4	166.71	3/4		3/4		3/4	3/4	3/4		3/4	3/4
6	1,129.02	6	887.07	6	645.39	6	403.61	6	161.67	6		6		6	6	6		6	6
1/4	1,123.98	1/4	882.03	1/4	640.37	1/4	398.57	1/4	156.63	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,118.94	1/2	876.99	1/2	635.34	1/2	393.53	1/2	151.59	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,113.90	3/4	871.95	3/4	630.31	3/4	388.49	3/4	146.55	3/4		3/4		3/4	3/4	3/4		3/4	3/4
7	1,108.86	7	866.91	7	625.28	7	383.45	7	141.51	7		7		7	7	7		7	7
1/4	1,103.82	1/4	861.87	1/4	620.25	1/4	378.41	1/4	136.47	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,098.78	1/2	856.83	1/2	615.22	1/2	373.37	1/2	131.43	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,093.74	3/4	851.79	3/4	610.19	3/4	368.33	3/4	126.39	3/4		3/4		3/4	3/4	3/4		3/4	3/4
8	1,088.70	8	846.75	8	605.16	8	363.29	8	121.35	8		8		8	8	8		8	8
1/4	1,083.66	1/4	841.71	1/4	600.13	1/4	358.24	1/4	116.31	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,078.62	1/2	836.67	1/2	595.10	1/2	353.20	1/2	111.27	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,073.58	3/4	831.63	3/4	590.07	3/4	348.16	3/4	106.23	3/4		3/4		3/4	3/4	3/4		3/4	3/4
9	1,068.54	9	826.59	9	585.04	9	343.12	9	101.19	9		9		9	9	9		9	9
1/4	1,063.50	1/4	821.55	1/4	580.01	1/4	338.08	1/4	96.15	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,058.46	1/2	816.51	1/2	574.98	1/2	333.04	1/2	91.11	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,053.41	3/4	811.47	3/4	569.94	3/4	328.00	3/4	86.07	3/4		3/4		3/4	3/4	3/4		3/4	3/4
10	1,048.37	10	806.43	10	564.90	10	322.96	10	81.04	10		10		10	10	10		10	10
1/4	1,043.33	1/4	801.38	1/4	559.86	1/4	317.92	1/4	76.00	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,038.29	1/2	796.34	1/2	554.82	1/2	312.88	1/2	70.96	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,033.25	3/4	791.30	3/4	549.78	3/4	307.84	3/4	65.93	3/4		3/4		3/4	3/4	3/4		3/4	3/4
11	1,028.21	11	786.26	11	544.74	11	302.80	11	60.90	11		11		11	11	11		11	11
1/4	1,023.17	1/4	781.22	1/4	539.70	1/4	297.76	1/4	55.87	1/4		1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,018.13	1/2	776.18	1/2	534.66	1/2	292.72	1/2	50.85	1/2		1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,013.09	3/4	771.15	3/4	529.61	3/4	287.68	3/4	45.85	3/4		3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2018 SW
CALCULATED: 01/26/2018 CL
PRINTED: 01/26/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2018

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