



BARGE "IB 1202"

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	- 00-1/2	00-1/2	- 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 9, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1202"

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	3,706.67	0	3,501.01	0	3,265.36	0	3,029.72	0	2,779.81	0	2,504.26	0	2,228.90	0	1,953.54	0	1,678.17	
1/4	1/4	3,706.55	1/4	3,496.10	1/4	3,260.45	1/4	3,024.81	1/4	2,774.06	1/4	2,498.52	1/4	2,223.16	1/4	1,947.80	1/4	1,672.43	
1/2	1/2	3,706.43	1/2	3,491.19	1/2	3,255.55	1/2	3,019.90	1/2	2,768.31	1/2	2,492.79	1/2	2,217.42	1/2	1,942.07	1/2	1,666.70	
3/4	3/4	3,706.32	3/4	3,486.28	3/4	3,250.64	3/4	3,014.99	3/4	2,762.56	3/4	2,487.05	3/4	2,211.69	3/4	1,936.33	3/4	1,660.96	
1	1	3,704.28	1	3,481.37	1	3,245.73	1	3,010.09	1	2,756.81	1	2,481.31	1	2,205.95	1	1,930.59	1	1,655.22	
1/4	1/4	3,702.25	1/4	3,476.46	1/4	3,240.82	1/4	3,005.18	1/4	2,751.07	1/4	2,475.58	1/4	2,200.22	1/4	1,924.86	1/4	1,649.49	
1/2	1/2	3,700.21	1/2	3,471.55	1/2	3,235.91	1/2	3,000.27	1/2	2,745.32	1/2	2,469.84	1/2	2,194.48	1/2	1,919.12	1/2	1,643.75	
3/4	3/4	3,698.18	3/4	3,466.64	3/4	3,231.00	3/4	2,995.36	3/4	2,739.57	3/4	2,464.10	3/4	2,188.74	3/4	1,913.38	3/4	1,638.01	
2	2	3,694.23	2	3,461.73	2	3,226.09	2	2,990.45	2	2,733.82	2	2,458.37	2	2,183.01	2	1,907.65	2	1,632.27	
1/4	1/4	3,690.28	1/4	3,456.82	1/4	3,221.18	1/4	2,985.54	1/4	2,728.07	1/4	2,452.63	1/4	2,177.27	1/4	1,901.91	1/4	1,626.54	
1/2	1/2	3,686.33	1/2	3,451.91	1/2	3,216.27	1/2	2,980.63	1/2	2,722.32	1/2	2,446.89	1/2	2,171.53	1/2	1,896.17	1/2	1,620.80	
3/4	3/4	3,682.38	3/4	3,447.00	3/4	3,211.36	3/4	2,975.72	3/4	2,716.57	3/4	2,441.16	3/4	2,165.80	3/4	1,890.44	3/4	1,615.06	
3	3	3,677.52	3	3,442.09	3	3,206.45	3	2,970.81	3	2,710.82	3	2,435.42	3	2,160.06	3	1,884.70	3	1,609.33	
1/4	1/4	3,672.66	1/4	3,437.19	1/4	3,201.54	1/4	2,965.90	1/4	2,705.08	1/4	2,429.68	1/4	2,154.33	1/4	1,878.96	1/4	1,603.59	
1/2	1/2	3,667.80	1/2	3,432.28	1/2	3,196.63	1/2	2,960.99	1/2	2,699.33	1/2	2,423.94	1/2	2,148.59	1/2	1,873.22	1/2	1,597.85	
3/4	3/4	3,662.94	3/4	3,427.37	3/4	3,191.73	3/4	2,956.08	3/4	2,693.58	3/4	2,418.21	3/4	2,142.85	3/4	1,867.49	3/4	1,592.12	
4	4	3,658.05	4	3,422.46	4	3,186.82	4	2,951.17	4	2,687.84	4	2,412.47	4	2,137.12	4	1,861.75	4	1,586.38	
1/4	1/4	3,653.15	1/4	3,417.55	1/4	3,181.91	1/4	2,946.27	1/4	2,682.11	1/4	2,406.73	1/4	2,131.38	1/4	1,856.01	1/4	1,580.64	
1/2	1/2	3,648.26	1/2	3,412.64	1/2	3,177.00	1/2	2,941.36	1/2	2,676.37	1/2	2,401.00	1/2	2,125.64	1/2	1,850.28	1/2	1,574.91	
3/4	3/4	3,643.37	3/4	3,407.73	3/4	3,172.09	3/4	2,936.45	3/4	2,670.63	3/4	2,395.26	3/4	2,119.91	3/4	1,844.54	3/4	1,569.17	
5	5	3,638.46	5	3,402.82	5	3,167.18	5	2,931.54	5	2,664.89	5	2,389.52	5	2,114.17	5	1,838.80	5	1,563.45	
1/4	1/4	3,633.55	1/4	3,397.91	1/4	3,162.27	1/4	2,926.63	1/4	2,659.16	1/4	2,383.79	1/4	2,108.44	1/4	1,833.07	1/4	1,557.72	
1/2	1/2	3,628.64	1/2	3,393.00	1/2	3,157.36	1/2	2,921.72	1/2	2,653.42	1/2	2,378.05	1/2	2,102.70	1/2	1,827.33	1/2	1,552.00	
3/4	3/4	3,623.74	3/4	3,388.09	3/4	3,152.45	3/4	2,916.81	3/4	2,647.68	3/4	2,372.31	3/4	2,096.96	3/4	1,821.59	3/4	1,546.28	
6	6	3,618.83	6	3,383.18	6	3,147.54	6	2,911.90	6	2,641.95	6	2,366.58	6	2,091.23	6	1,815.86	6	1,540.56	
1/4	1/4	3,613.92	1/4	3,378.28	1/4	3,142.63	1/4	2,906.99	1/4	2,636.21	1/4	2,360.84	1/4	2,085.49	1/4	1,810.12	1/4	1,534.83	
1/2	1/2	3,609.01	1/2	3,373.37	1/2	3,137.72	1/2	2,902.08	1/2	2,630.47	1/2	2,355.10	1/2	2,079.75	1/2	1,804.38	1/2	1,529.11	
3/4	3/4	3,604.10	3/4	3,368.46	3/4	3,132.82	3/4	2,897.17	3/4	2,624.74	3/4	2,349.36	3/4	2,074.02	3/4	1,798.64	3/4	1,523.39	
7	7	3,599.19	7	3,363.55	7	3,127.91	7	2,892.26	7	2,619.00	7	2,343.63	7	2,068.28	7	1,792.91	7	1,517.67	
1/4	1/4	3,594.28	1/4	3,358.64	1/4	3,123.00	1/4	2,887.36	1/4	2,613.26	1/4	2,337.89	1/4	2,062.54	1/4	1,787.17	1/4	1,511.94	
1/2	1/2	3,589.37	1/2	3,353.73	1/2	3,118.09	1/2	2,882.45	1/2	2,607.53	1/2	2,332.15	1/2	2,056.81	1/2	1,781.43	1/2	1,506.22	
3/4	3/4	3,584.46	3/4	3,348.82	3/4	3,113.18	3/4	2,877.54	3/4	2,601.79	3/4	2,326.42	3/4	2,051.07	3/4	1,775.70	3/4	1,500.50	
8	8	3,579.55	8	3,343.91	8	3,108.27	8	2,871.79	8	2,596.05	8	2,320.68	8	2,045.33	8	1,769.96	8	1,494.78	
1/4	1/4	3,574.64	1/4	3,339.00	1/4	3,103.36	1/4	2,866.04	1/4	2,590.31	1/4	2,314.94	1/4	2,039.59	1/4	1,764.22	1/4	1,489.05	
1/2	1/2	3,569.73	1/2	3,334.09	1/2	3,098.45	1/2	2,860.29	1/2	2,584.58	1/2	2,309.21	1/2	2,033.86	1/2	1,758.49	1/2	1,483.33	
3/4	3/4	3,564.82	3/4	3,329.18	3/4	3,093.54	3/4	2,854.54	3/4	2,578.84	3/4	2,303.47	3/4	2,028.12	3/4	1,752.75	3/4	1,477.61	
9	9	3,559.92	9	3,324.27	9	3,088.63	9	2,848.79	9	2,573.10	9	2,297.73	9	2,022.38	9	1,747.01	9	1,471.88	
1/4	1/4	3,555.01	1/4	3,319.36	1/4	3,083.72	1/4	2,843.04	1/4	2,567.37	1/4	2,292.00	1/4	2,016.65	1/4	1,741.28	1/4	1,466.16	
1/2	1/2	3,550.10	1/2	3,314.46	1/2	3,078.81	1/2	2,837.30	1/2	2,561.63	1/2	2,286.26	1/2	2,010.91	1/2	1,735.54	1/2	1,460.44	
3/4	3/4	3,545.19	3/4	3,309.55	3/4	3,073.90	3/4	2,831.55	3/4	2,555.89	3/4	2,280.52	3/4	2,005.17	3/4	1,729.80	3/4	1,454.72	
10	10	3,540.28	10	3,304.64	10	3,069.00	10	2,825.80	10	2,550.16	10	2,274.79	10	1,999.44	10	1,724.07	10	1,448.99	
1/4	1/4	3,535.37	1/4	3,299.73	1/4	3,064.09	1/4	2,820.05	1/4	2,544.42	1/4	2,269.05	1/4	1,993.70	1/4	1,718.33	1/4	1,443.27	
1/2	1/2	3,530.46	1/2	3,294.82	1/2	3,059.18	1/2	2,814.30	1/2	2,538.68	1/2	2,263.31	1/2	1,987.96	1/2	1,712.59	1/2	1,437.55	
3/4	3/4	3,525.55	3/4	3,289.91	3/4	3,054.27	3/4	2,808.55	3/4	2,532.95	3/4	2,257.58	3/4	1,982.23	3/4	1,706.85	3/4	1,431.83	
11	11	3,520.64	11	3,285.00	11	3,049.36	11	2,802.80	11	2,527.21	11	2,251.84	11	1,976.49	11	1,701.12	11	1,426.10	
1/4	1/4	3,515.73	1/4	3,280.09	1/4	3,044.45	1/4	2,797.06	1/4	2,521.47	1/4	2,246.10	1/4	1,970.75	1/4	1,695.38	1/4	1,420.38	
1/2	1/2	3,510.82	1/2	3,275.18	1/2	3,039.54	1/2	2,791.31	1/2	2,515.73	1/2	2,240.37	1/2	1,965.02	1/2	1,689.64	1/2	1,414.66	
3/4	3/4	3,706.79	3/4	3,505.91	3/4	3,270.27	3/4	3,034.63	3/4	2,785.56	3/4	2,510.00	3/4	2,234.63	3/4	1,959.28	3/4	1,408.94	

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



BARGE "IB 1202"

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	1,403.21	0	1,128.11	0	853.63	0	583.56	0	308.18	0	33.73	0		0		0		0	
1/4	1,397.49	1/4	1,122.38	1/4	848.04	1/4	577.82	1/4	302.44	1/4	28.94	1/4		1/4		1/4		1/4	
1/2	1,391.77	1/2	1,116.65	1/2	842.46	1/2	572.09	1/2	296.70	1/2	24.15	1/2		1/2		1/2		1/2	
3/4	1,386.05	3/4	1,110.91	3/4	836.87	3/4	566.35	3/4	290.97	3/4	19.37	3/4		3/4		3/4		3/4	
1	1,380.32	1	1,105.18	1	831.29	1	560.61	1	285.23	1	16.49	1		1		1		1	
1/4	1,374.60	1/4	1,099.45	1/4	825.70	1/4	554.87	1/4	279.49	1/4	13.62	1/4		1/4		1/4		1/4	
1/2	1,368.88	1/2	1,093.71	1/2	820.12	1/2	549.14	1/2	273.76	1/2	10.74	1/2		1/2		1/2		1/2	
3/4	1,363.16	3/4	1,087.98	3/4	814.53	3/4	543.40	3/4	268.02	3/4	7.87	3/4		3/4		3/4		3/4	
2	1,357.43	2	1,082.24	2	808.95	2	537.66	2	262.28	2	6.91	2		2		2		2	
1/4	1,351.71	1/4	1,076.51	1/4	803.36	1/4	531.93	1/4	256.54	1/4	5.95	1/4		1/4		1/4		1/4	
1/2	1,345.99	1/2	1,070.78	1/2	797.77	1/2	526.19	1/2	250.81	1/2	4.99	1/2		1/2		1/2		1/2	
3/4	1,340.26	3/4	1,065.04	3/4	792.19	3/4	520.45	3/4	245.07	3/4	4.03	3/4		3/4		3/4		3/4	
3	1,334.53	3	1,059.31	3	786.60	3	514.71	3	239.33	3		3		3		3		3	
1/4	1,328.80	1/4	1,053.57	1/4	781.02	1/4	508.98	1/4	233.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,323.06	1/2	1,047.84	1/2	775.43	1/2	503.24	1/2	227.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,317.33	3/4	1,042.11	3/4	769.85	3/4	497.50	3/4	222.12	3/4		3/4		3/4		3/4		3/4	
4	1,311.60	4	1,036.37	4	764.26	4	491.77	4	216.38	4		4		4		4		4	
1/4	1,305.86	1/4	1,030.64	1/4	758.68	1/4	486.03	1/4	210.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,300.13	1/2	1,024.91	1/2	753.09	1/2	480.29	1/2	204.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,294.39	3/4	1,019.17	3/4	747.51	3/4	474.56	3/4	199.15	3/4		3/4		3/4		3/4		3/4	
5	1,288.66	5	1,013.44	5	741.92	5	468.82	5	193.40	5		5		5		5		5	
1/4	1,282.93	1/4	1,007.70	1/4	736.34	1/4	463.08	1/4	187.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,277.19	1/2	1,001.97	1/2	730.75	1/2	457.34	1/2	181.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,271.46	3/4	996.24	3/4	725.17	3/4	451.61	3/4	176.17	3/4		3/4		3/4		3/4		3/4	
6	1,265.73	6	990.50	6	719.58	6	445.87	6	170.43	6		6		6		6		6	
1/4	1,259.99	1/4	984.77	1/4	714.00	1/4	440.13	1/4	164.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,254.26	1/2	979.04	1/2	708.41	1/2	434.40	1/2	158.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,248.52	3/4	973.30	3/4	702.82	3/4	428.66	3/4	153.21	3/4		3/4		3/4		3/4		3/4	
7	1,242.79	7	967.57	7	697.24	7	422.92	7	147.47	7		7		7		7		7	
1/4	1,237.06	1/4	961.83	1/4	691.65	1/4	417.18	1/4	141.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,231.32	1/2	956.10	1/2	686.07	1/2	411.45	1/2	135.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,225.59	3/4	950.37	3/4	680.48	3/4	405.71	3/4	130.24	3/4		3/4		3/4		3/4		3/4	
8	1,219.86	8	944.63	8	674.90	8	399.97	8	124.49	8		8		8		8		8	
1/4	1,214.12	1/4	938.90	1/4	669.31	1/4	394.24	1/4	118.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,208.39	1/2	933.17	1/2	663.73	1/2	388.50	1/2	112.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,202.65	3/4	927.43	3/4	658.14	3/4	382.76	3/4	107.24	3/4		3/4		3/4		3/4		3/4	
9	1,196.92	9	921.70	9	652.41	9	377.02	9	101.50	9		9		9		9		9	
1/4	1,191.19	1/4	915.96	1/4	646.67	1/4	371.29	1/4	95.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,185.45	1/2	910.23	1/2	640.93	1/2	365.55	1/2	90.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,179.72	3/4	904.50	3/4	635.19	3/4	359.81	3/4	84.25	3/4		3/4		3/4		3/4		3/4	
10	1,173.98	10	898.76	10	629.46	10	354.08	10	78.52	10		10		10		10		10	
1/4	1,168.25	1/4	893.03	1/4	623.72	1/4	348.34	1/4	72.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,162.52	1/2	887.29	1/2	617.98	1/2	342.60	1/2	67.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,156.78	3/4	881.56	3/4	612.25	3/4	336.86	3/4	61.32	3/4		3/4		3/4		3/4		3/4	
11	1,151.05	11	875.97	11	606.51	11	331.13	11	55.62	11		11		11		11		11	
1/4	1,145.32	1/4	870.39	1/4	600.77	1/4	325.39	1/4	49.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,139.58	1/2	864.80	1/2	595.03	1/2	319.65	1/2	44.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,133.85	3/4	859.22	3/4	589.30	3/4	313.92	3/4	38.52	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2018 SW
CALCULATED: 01/09/2018 CL
PRINTED: 01/09/2018 CL

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 1202"

2 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	3,411.43	0	3,193.81	0	2,949.66	0	2,705.50	0	2,461.34	0	2,217.19	0	1,973.03	0	1,728.87	0	1,484.71		
1/4	1/4	3,410.58	1/4	3,188.73	1/4	2,944.57	1/4	2,700.41	1/4	2,456.26	1/4	2,212.10	1/4	1,967.94	1/4	1,723.78	1/4	1,479.63		
1/2	1/2	3,409.73	1/2	3,183.64	1/2	2,939.48	1/2	2,695.33	1/2	2,451.17	1/2	2,207.01	1/2	1,962.86	1/2	1,718.70	1/2	1,474.54		
3/4	3/4	3,408.88	3/4	3,178.55	3/4	2,934.40	3/4	2,690.24	3/4	2,446.08	3/4	2,201.93	3/4	1,957.77	3/4	1,713.61	3/4	1,469.45		
1	1	3,406.34	1	3,173.47	1	2,929.31	1	2,685.15	1	2,441.00	1	2,196.84	1	1,952.68	1	1,708.53	1	1,464.37		
1/4	1/4	3,403.80	1/4	3,168.38	1/4	2,924.22	1/4	2,680.07	1/4	2,435.91	1/4	2,191.75	1/4	1,947.60	1/4	1,703.44	1/4	1,459.28		
1/2	1/2	3,401.25	1/2	3,163.29	1/2	2,919.14	1/2	2,674.98	1/2	2,430.82	1/2	2,186.67	1/2	1,942.51	1/2	1,698.35	1/2	1,454.20		
3/4	3/4	3,398.71	3/4	3,158.21	3/4	2,914.05	3/4	2,669.89	3/4	2,425.74	3/4	2,181.58	3/4	1,937.42	3/4	1,693.27	3/4	1,449.11		
2	2	3,394.47	2	3,153.12	2	2,908.96	2	2,664.81	2	2,420.65	2	2,176.49	2	1,932.34	2	1,688.18	2	1,444.02		
1/4	1/4	3,390.24	1/4	3,148.03	1/4	2,903.88	1/4	2,659.72	1/4	2,415.56	1/4	2,171.41	1/4	1,927.25	1/4	1,683.09	1/4	1,438.94		
1/2	1/2	3,386.00	1/2	3,142.95	1/2	2,898.79	1/2	2,654.63	1/2	2,410.48	1/2	2,166.32	1/2	1,922.16	1/2	1,678.01	1/2	1,433.85		
3/4	3/4	3,381.76	3/4	3,137.86	3/4	2,893.70	3/4	2,649.55	3/4	2,405.39	3/4	2,161.23	3/4	1,917.08	3/4	1,672.92	3/4	1,428.76		
3	3	3,376.72	3	3,132.77	3	2,888.62	3	2,644.46	3	2,400.30	3	2,156.15	3	1,911.99	3	1,667.83	3	1,423.68		
1/4	1/4	3,371.68	1/4	3,127.69	1/4	2,883.53	1/4	2,639.37	1/4	2,395.22	1/4	2,151.06	1/4	1,906.90	1/4	1,662.75	1/4	1,418.59		
1/2	1/2	3,366.64	1/2	3,122.60	1/2	2,878.44	1/2	2,634.29	1/2	2,390.13	1/2	2,145.97	1/2	1,901.82	1/2	1,657.66	1/2	1,413.50		
3/4	3/4	3,361.59	3/4	3,117.51	3/4	2,873.36	3/4	2,629.20	3/4	2,385.04	3/4	2,140.89	3/4	1,896.73	3/4	1,652.57	3/4	1,408.42		
4	4	3,356.52	4	3,112.43	4	2,868.27	4	2,624.11	4	2,379.96	4	2,135.80	4	1,891.64	4	1,647.49	4	1,403.33		
1/4	1/4	3,351.45	1/4	3,107.34	1/4	2,863.18	1/4	2,619.03	1/4	2,374.87	1/4	2,130.71	1/4	1,886.56	1/4	1,642.40	1/4	1,398.24		
1/2	1/2	3,346.37	1/2	3,102.25	1/2	2,858.10	1/2	2,613.94	1/2	2,369.78	1/2	2,125.63	1/2	1,881.47	1/2	1,637.31	1/2	1,393.16		
3/4	3/4	3,341.30	3/4	3,097.17	3/4	2,853.01	3/4	2,608.85	3/4	2,364.70	3/4	2,120.54	3/4	1,876.38	3/4	1,632.23	3/4	1,388.07		
5	5	3,336.22	5	3,092.08	5	2,847.92	5	2,603.77	5	2,359.61	5	2,115.45	5	1,871.30	5	1,627.14	5	1,382.98		
1/4	1/4	3,331.14	1/4	3,086.99	1/4	2,842.84	1/4	2,598.68	1/4	2,354.52	1/4	2,110.37	1/4	1,866.21	1/4	1,622.05	1/4	1,377.90		
1/2	1/2	3,326.06	1/2	3,081.91	1/2	2,837.75	1/2	2,593.59	1/2	2,349.44	1/2	2,105.28	1/2	1,861.12	1/2	1,616.97	1/2	1,372.81		
3/4	3/4	3,320.98	3/4	3,076.82	3/4	2,832.66	3/4	2,588.51	3/4	2,344.35	3/4	2,100.19	3/4	1,856.04	3/4	1,611.88	3/4	1,367.72		
6	6	3,315.89	6	3,071.73	6	2,827.58	6	2,583.42	6	2,339.26	6	2,095.11	6	1,850.95	6	1,606.79	6	1,362.64		
1/4	1/4	3,310.80	1/4	3,066.65	1/4	2,822.49	1/4	2,578.33	1/4	2,334.18	1/4	2,090.02	1/4	1,845.86	1/4	1,601.71	1/4	1,357.55		
1/2	1/2	3,305.72	1/2	3,061.56	1/2	2,817.40	1/2	2,573.25	1/2	2,329.09	1/2	2,084.93	1/2	1,840.78	1/2	1,596.62	1/2	1,352.46		
3/4	3/4	3,300.63	3/4	3,056.47	3/4	2,812.32	3/4	2,568.16	3/4	2,324.00	3/4	2,079.85	3/4	1,835.69	3/4	1,591.53	3/4	1,347.38		
7	7	3,295.54	7	3,051.39	7	2,807.23	7	2,563.07	7	2,318.92	7	2,074.76	7	1,830.60	7	1,586.45	7	1,342.29		
1/4	1/4	3,290.46	1/4	3,046.30	1/4	2,802.14	1/4	2,557.99	1/4	2,313.83	1/4	2,069.67	1/4	1,825.52	1/4	1,581.36	1/4	1,337.20		
1/2	1/2	3,285.37	1/2	3,041.21	1/2	2,797.06	1/2	2,552.90	1/2	2,308.74	1/2	2,064.59	1/2	1,820.43	1/2	1,576.27	1/2	1,332.12		
3/4	3/4	3,280.28	3/4	3,036.13	3/4	2,791.97	3/4	2,547.81	3/4	2,303.66	3/4	2,059.50	3/4	1,815.34	3/4	1,571.19	3/4	1,327.03		
8	8	3,275.20	8	3,031.04	8	2,786.88	8	2,542.73	8	2,298.57	8	2,054.41	8	1,810.26	8	1,566.10	8	1,321.94		
1/4	1/4	3,270.11	1/4	3,025.95	1/4	2,781.80	1/4	2,537.64	1/4	2,293.48	1/4	2,049.33	1/4	1,805.17	1/4	1,561.01	1/4	1,316.86		
1/2	1/2	3,265.02	1/2	3,020.87	1/2	2,776.71	1/2	2,532.55	1/2	2,288.40	1/2	2,044.24	1/2	1,800.08	1/2	1,555.93	1/2	1,311.77		
3/4	3/4	3,259.94	3/4	3,015.78	3/4	2,771.62	3/4	2,527.47	3/4	2,283.31	3/4	2,039.15	3/4	1,795.00	3/4	1,550.84	3/4	1,306.68		
9	9	3,254.85	9	3,010.69	9	2,766.54	9	2,522.38	9	2,278.22	9	2,034.07	9	1,789.91	9	1,545.75	9	1,301.60		
1/4	1/4	3,249.76	1/4	3,005.61	1/4	2,761.45	1/4	2,517.29	1/4	2,273.14	1/4	2,028.98	1/4	1,784.82	1/4	1,540.67	1/4	1,296.51		
1/2	1/2	3,244.68	1/2	3,000.52	1/2	2,756.36	1/2	2,512.21	1/2	2,268.05	1/2	2,023.89	1/2	1,779.74	1/2	1,535.58	1/2	1,291.42		
3/4	3/4	3,239.59	3/4	2,995.43	3/4	2,751.28	3/4	2,507.12	3/4	2,262.96	3/4	2,018.81	3/4	1,774.65	3/4	1,530.49	3/4	1,286.34		
10	10	3,234.51	10	2,990.35	10	2,746.19	10	2,502.03	10	2,257.88	10	2,013.72	10	1,769.56	10	1,525.41	10	1,281.25		
1/4	1/4	3,229.42	1/4	2,985.26	1/4	2,741.10	1/4	2,496.95	1/4	2,252.79	1/4	2,008.63	1/4	1,764.48	1/4	1,520.32	1/4	1,276.16		
1/2	1/2	3,224.33	1/2	2,980.18	1/2	2,736.02	1/2	2,491.86	1/2	2,247.70	1/2	2,003.55	1/2	1,759.39	1/2	1,515.23	1/2	1,271.08		
3/4	3/4	3,219.25	3/4	2,975.09	3/4	2,730.93	3/4	2,486.77	3/4	2,242.62	3/4	1,998.46	3/4	1,754.30	3/4	1,510.15	3/4	1,265.99		
11	11	3,214.16	11	2,970.00	11	2,725.85	11	2,481.69	11	2,237.53	11	1,993.37	11	1,749.22	11	1,505.06	11	1,260.90		
1/4	1/4	3,209.07	1/4	2,964.92	1/4	2,720.76	1/4	2,476.60	1/4	2,232.44	1/4	1,988.29	1/4	1,744.13	1/4	1,499.97	1/4	1,255.82		
1/2	1/2	3,203.99	1/2	2,959.83	1/2	2,715.67	1/2	2,471.52	1/2	2,227.36	1/2	1,983.20	1/2	1,739.04	1/2	1,494.89	1/2	1,250.73		
3/4	3/4	3,412.27	3/4	3,198.90	3/4	2,954.74	3/4	2,710.59	3/4	2,466.43	3/4	2,222.27	3/4	1,978.11	3/4	1,733.96	3/4	1,489.80	3/4	1,245.64

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 1202"

2 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	1,240.56	0	996.40	0	752.99	0	514.10	0	269.96	0	26.90	0		0		0		0	
1/4	1,235.47	1/4	991.31	1/4	748.05	1/4	509.01	1/4	264.87	1/4	22.66	1/4		1/4		1/4		1/4	
1/2	1,230.38	1/2	986.23	1/2	743.12	1/2	503.93	1/2	259.78	1/2	18.43	1/2		1/2		1/2		1/2	
3/4	1,225.30	3/4	981.14	3/4	738.18	3/4	498.84	3/4	254.70	3/4	14.19	3/4		3/4		3/4		3/4	
1	1,220.21	1	976.05	1	733.24	1	493.75	1	249.61	1	11.65	1		1		1		1	
1/4	1,215.12	1/4	970.97	1/4	728.31	1/4	488.67	1/4	244.52	1/4	9.10	1/4		1/4		1/4		1/4	
1/2	1,210.04	1/2	965.88	1/2	723.37	1/2	483.58	1/2	239.44	1/2	6.56	1/2		1/2		1/2		1/2	
3/4	1,204.95	3/4	960.79	3/4	718.43	3/4	478.49	3/4	234.35	3/4	4.02	3/4		3/4		3/4		3/4	
2	1,199.87	2	955.71	2	713.50	2	473.41	2	229.26	2	3.17	2		2		2		2	
1/4	1,194.78	1/4	950.62	1/4	708.56	1/4	468.32	1/4	224.18	1/4	2.32	1/4		1/4		1/4		1/4	
1/2	1,189.69	1/2	945.54	1/2	703.62	1/2	463.23	1/2	219.09	1/2	1.47	1/2		1/2		1/2		1/2	
3/4	1,184.61	3/4	940.45	3/4	698.69	3/4	458.15	3/4	214.01	3/4	0.63	3/4		3/4		3/4		3/4	
3	1,179.52	3	935.36	3	693.75	3	453.06	3	208.92	3		3		3		3		3	
1/4	1,174.43	1/4	930.28	1/4	688.82	1/4	447.98	1/4	203.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,169.35	1/2	925.19	1/2	683.88	1/2	442.89	1/2	198.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,164.26	3/4	920.10	3/4	678.94	3/4	437.80	3/4	193.66	3/4		3/4		3/4		3/4		3/4	
4	1,159.17	4	915.02	4	674.01	4	432.72	4	188.57	4		4		4		4		4	
1/4	1,154.09	1/4	909.93	1/4	669.07	1/4	427.63	1/4	183.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,149.00	1/2	904.84	1/2	664.14	1/2	422.54	1/2	178.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,143.91	3/4	899.76	3/4	659.20	3/4	417.46	3/4	173.32	3/4		3/4		3/4		3/4		3/4	
5	1,138.83	5	894.67	5	654.26	5	412.37	5	168.23	5		5		5		5		5	
1/4	1,133.74	1/4	889.58	1/4	649.33	1/4	407.29	1/4	163.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,128.65	1/2	884.50	1/2	644.39	1/2	402.20	1/2	158.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,123.57	3/4	879.41	3/4	639.45	3/4	397.11	3/4	152.97	3/4		3/4		3/4		3/4		3/4	
6	1,118.48	6	874.32	6	634.52	6	392.03	6	147.89	6		6		6		6		6	
1/4	1,113.39	1/4	869.24	1/4	629.58	1/4	386.94	1/4	142.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,108.31	1/2	864.15	1/2	624.65	1/2	381.85	1/2	137.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,103.22	3/4	859.06	3/4	619.71	3/4	376.77	3/4	132.63	3/4		3/4		3/4		3/4		3/4	
7	1,098.13	7	853.98	7	614.77	7	371.68	7	127.54	7		7		7		7		7	
1/4	1,093.05	1/4	848.89	1/4	609.84	1/4	366.60	1/4	122.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,087.96	1/2	843.80	1/2	604.90	1/2	361.51	1/2	117.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,082.87	3/4	838.72	3/4	599.96	3/4	356.42	3/4	112.28	3/4		3/4		3/4		3/4		3/4	
8	1,077.79	8	833.63	8	595.03	8	351.34	8	107.20	8		8		8		8		8	
1/4	1,072.70	1/4	828.54	1/4	590.09	1/4	346.25	1/4	102.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,067.61	1/2	823.46	1/2	585.16	1/2	341.16	1/2	97.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,062.53	3/4	818.37	3/4	580.22	3/4	336.08	3/4	91.94	3/4		3/4		3/4		3/4		3/4	
9	1,057.44	9	813.28	9	575.13	9	330.99	9	86.85	9		9		9		9		9	
1/4	1,052.35	1/4	808.20	1/4	570.05	1/4	325.90	1/4	81.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,047.27	1/2	803.11	1/2	564.96	1/2	320.82	1/2	76.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,042.18	3/4	798.02	3/4	559.87	3/4	315.73	3/4	71.60	3/4		3/4		3/4		3/4		3/4	
10	1,037.09	10	792.94	10	554.79	10	310.65	10	66.53	10		10		10		10		10	
1/4	1,032.01	1/4	787.85	1/4	549.70	1/4	305.56	1/4	61.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,026.92	1/2	782.76	1/2	544.62	1/2	300.47	1/2	56.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,021.83	3/4	777.68	3/4	539.53	3/4	295.39	3/4	51.31	3/4		3/4		3/4		3/4		3/4	
11	1,016.75	11	772.74	11	534.44	11	290.30	11	46.26	11		11		11		11		11	
1/4	1,011.66	1/4	767.80	1/4	529.36	1/4	285.21	1/4	41.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,006.57	1/2	762.87	1/2	524.27	1/2	280.13	1/2	36.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,001.49	3/4	757.93	3/4	519.18	3/4	275.04	3/4	31.14	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2018 SW
CALCULATED: 01/09/2018 CL
PRINTED: 01/09/2018 CL

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 1202"

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	3,186.78	0	2,945.12	0	2,703.47	0	2,461.81	0	2,220.15	0	1,978.50	0	1,736.84	0	1,495.19		
1/4	1/4	1/4	3,181.74	1/4	2,940.09	1/4	2,698.43	1/4	2,456.78	1/4	2,215.12	1/4	1,973.46	1/4	1,731.81	1/4	1,490.15		
1/2	1/2	1/2	3,176.71	1/2	2,935.05	1/2	2,693.40	1/2	2,451.74	1/2	2,210.09	1/2	1,968.43	1/2	1,726.77	1/2	1,485.12		
3/4	3/4	3/4	3,382.90	3/4	3,171.68	3/4	2,930.02	3/4	2,688.36	3/4	2,446.71	3/4	2,205.05	3/4	1,963.40	3/4	1,721.74	3/4	1,480.08
1	1	1	3,382.06	1	3,166.64	1	2,924.98	1	2,683.33	1	2,441.67	1	2,200.02	1	1,958.36	1	1,716.70	1	1,475.05
1/4	1/4	1/4	3,381.22	1/4	3,161.61	1/4	2,919.95	1/4	2,678.29	1/4	2,436.64	1/4	2,194.98	1/4	1,953.33	1/4	1,711.67	1/4	1,470.01
1/2	1/2	1/2	3,380.38	1/2	3,156.57	1/2	2,914.92	1/2	2,673.26	1/2	2,431.60	1/2	2,189.95	1/2	1,948.29	1/2	1,706.64	1/2	1,464.98
3/4	3/4	3/4	3,379.54	3/4	3,151.54	3/4	2,909.88	3/4	2,668.23	3/4	2,426.57	3/4	2,184.91	3/4	1,943.26	3/4	1,701.60	3/4	1,459.95
2	2	2	3,377.03	2	3,146.50	2	2,904.85	2	2,663.19	2	2,421.53	2	2,179.88	2	1,938.22	2	1,696.57	2	1,454.91
1/4	1/4	1/4	3,374.51	1/4	3,141.47	1/4	2,899.81	1/4	2,658.16	1/4	2,416.50	1/4	2,174.84	1/4	1,933.19	1/4	1,691.53	1/4	1,449.88
1/2	1/2	1/2	3,371.99	1/2	3,136.43	1/2	2,894.78	1/2	2,653.12	1/2	2,411.47	1/2	2,169.81	1/2	1,928.15	1/2	1,686.50	1/2	1,444.84
3/4	3/4	3/4	3,369.47	3/4	3,131.40	3/4	2,889.74	3/4	2,648.09	3/4	2,406.43	3/4	2,164.78	3/4	1,923.12	3/4	1,681.46	3/4	1,439.81
3	3	3	3,365.28	3	3,126.36	3	2,884.71	3	2,643.05	3	2,401.40	3	2,159.74	3	1,918.08	3	1,676.43	3	1,434.77
1/4	1/4	1/4	3,361.09	1/4	3,121.33	1/4	2,879.67	1/4	2,638.02	1/4	2,396.36	1/4	2,154.71	1/4	1,913.05	1/4	1,671.39	1/4	1,429.74
1/2	1/2	1/2	3,356.89	1/2	3,116.30	1/2	2,874.64	1/2	2,632.98	1/2	2,391.33	1/2	2,149.67	1/2	1,908.02	1/2	1,666.36	1/2	1,424.70
3/4	3/4	3/4	3,352.70	3/4	3,111.26	3/4	2,869.61	3/4	2,627.95	3/4	2,386.29	3/4	2,144.64	3/4	1,902.98	3/4	1,661.33	3/4	1,419.67
4	4	4	3,347.71	4	3,106.23	4	2,864.57	4	2,622.91	4	2,381.26	4	2,139.60	4	1,897.95	4	1,656.29	4	1,414.63
1/4	1/4	1/4	3,342.72	1/4	3,101.19	1/4	2,859.54	1/4	2,617.88	1/4	2,376.22	1/4	2,134.57	1/4	1,892.91	1/4	1,651.26	1/4	1,409.60
1/2	1/2	1/2	3,337.73	1/2	3,096.16	1/2	2,854.50	1/2	2,612.85	1/2	2,371.19	1/2	2,129.53	1/2	1,887.88	1/2	1,646.22	1/2	1,404.57
3/4	3/4	3/4	3,332.74	3/4	3,091.12	3/4	2,849.47	3/4	2,607.81	3/4	2,366.16	3/4	2,124.50	3/4	1,882.84	3/4	1,641.19	3/4	1,399.53
5	5	5	3,327.72	5	3,086.09	5	2,844.43	5	2,602.78	5	2,361.12	5	2,119.46	5	1,877.81	5	1,636.15	5	1,394.50
1/4	1/4	1/4	3,322.69	1/4	3,081.05	1/4	2,839.40	1/4	2,597.74	1/4	2,356.09	1/4	2,114.43	1/4	1,872.77	1/4	1,631.12	1/4	1,389.46
1/2	1/2	1/2	3,317.67	1/2	3,076.02	1/2	2,834.36	1/2	2,592.71	1/2	2,351.05	1/2	2,109.40	1/2	1,867.74	1/2	1,626.08	1/2	1,384.43
3/4	3/4	3/4	3,312.65	3/4	3,070.99	3/4	2,829.33	3/4	2,587.67	3/4	2,346.02	3/4	2,104.36	3/4	1,862.71	3/4	1,621.05	3/4	1,379.39
6	6	6	3,307.61	6	3,065.95	6	2,824.29	6	2,582.64	6	2,340.98	6	2,099.33	6	1,857.67	6	1,616.01	6	1,374.36
1/4	1/4	1/4	3,302.58	1/4	3,060.92	1/4	2,819.26	1/4	2,577.60	1/4	2,335.95	1/4	2,094.29	1/4	1,852.64	1/4	1,610.98	1/4	1,369.32
1/2	1/2	1/2	3,297.54	1/2	3,055.88	1/2	2,814.23	1/2	2,572.57	1/2	2,330.91	1/2	2,089.26	1/2	1,847.60	1/2	1,605.95	1/2	1,364.29
3/4	3/4	3/4	3,292.50	3/4	3,050.85	3/4	2,809.19	3/4	2,567.54	3/4	2,325.88	3/4	2,084.22	3/4	1,842.57	3/4	1,600.91	3/4	1,359.26
7	7	7	3,287.47	7	3,045.81	7	2,804.16	7	2,562.50	7	2,320.84	7	2,079.19	7	1,837.53	7	1,595.88	7	1,354.22
1/4	1/4	1/4	3,282.43	1/4	3,040.78	1/4	2,799.12	1/4	2,557.47	1/4	2,315.81	1/4	2,074.15	1/4	1,832.50	1/4	1,590.84	1/4	1,349.19
1/2	1/2	1/2	3,277.40	1/2	3,035.74	1/2	2,794.09	1/2	2,552.43	1/2	2,310.78	1/2	2,069.12	1/2	1,827.46	1/2	1,585.81	1/2	1,344.15
3/4	3/4	3/4	3,272.37	3/4	3,030.71	3/4	2,789.05	3/4	2,547.40	3/4	2,305.74	3/4	2,064.09	3/4	1,822.43	3/4	1,580.77	3/4	1,339.12
8	8	8	3,267.33	8	3,025.67	8	2,784.02	8	2,542.36	8	2,300.71	8	2,059.05	8	1,817.39	8	1,575.74	8	1,334.08
1/4	1/4	1/4	3,262.30	1/4	3,020.64	1/4	2,778.98	1/4	2,537.33	1/4	2,295.67	1/4	2,054.02	1/4	1,812.36	1/4	1,570.70	1/4	1,329.05
1/2	1/2	1/2	3,257.26	1/2	3,015.61	1/2	2,773.95	1/2	2,532.29	1/2	2,290.64	1/2	2,048.98	1/2	1,807.33	1/2	1,565.67	1/2	1,324.01
3/4	3/4	3/4	3,252.23	3/4	3,010.57	3/4	2,768.92	3/4	2,527.26	3/4	2,285.60	3/4	2,043.95	3/4	1,802.29	3/4	1,560.64	3/4	1,318.98
9	9	9	3,247.19	9	3,005.54	9	2,763.88	9	2,522.22	9	2,280.57	9	2,038.91	9	1,797.26	9	1,555.60	9	1,313.94
1/4	1/4	1/4	3,242.16	1/4	3,000.50	1/4	2,758.85	1/4	2,517.19	1/4	2,275.53	1/4	2,033.88	1/4	1,792.22	1/4	1,550.57	1/4	1,308.91
1/2	1/2	1/2	3,237.12	1/2	2,995.47	1/2	2,753.81	1/2	2,512.16	1/2	2,270.50	1/2	2,028.84	1/2	1,787.19	1/2	1,545.53	1/2	1,303.88
3/4	3/4	3/4	3,232.09	3/4	2,990.43	3/4	2,748.78	3/4	2,507.12	3/4	2,265.47	3/4	2,023.81	3/4	1,782.15	3/4	1,540.50	3/4	1,298.84
10	10	10	3,227.05	10	2,985.40	10	2,743.74	10	2,502.09	10	2,260.43	10	2,018.77	10	1,777.12	10	1,535.46	10	1,293.81
1/4	1/4	1/4	3,222.02	1/4	2,980.36	1/4	2,738.71	1/4	2,497.05	1/4	2,255.40	1/4	2,013.74	1/4	1,772.08	1/4	1,530.43	1/4	1,288.77
1/2	1/2	1/2	3,216.99	1/2	2,975.33	1/2	2,733.67	1/2	2,492.02	1/2	2,250.36	1/2	2,008.71	1/2	1,767.05	1/2	1,525.39	1/2	1,283.74
3/4	3/4	3/4	3,211.95	3/4	2,970.30	3/4	2,728.64	3/4	2,486.98	3/4	2,245.33	3/4	2,003.67	3/4	1,762.02	3/4	1,520.36	3/4	1,278.70
11	11	11	3,206.92	11	2,965.26	11	2,723.60	11	2,481.95	11	2,240.29	11	1,998.64	11	1,756.98	11	1,515.32	11	1,273.67
1/4	1/4	1/4	3,201.88	1/4	2,960.23	1/4	2,718.57	1/4	2,476.91	1/4	2,235.26	1/4	1,993.60	1/4	1,751.95	1/4	1,510.29	1/4	1,268.63
1/2	1/2	1/2	3,196.85	1/2	2,955.19	1/2	2,713.54	1/2	2,471.88	1/2	2,230.22	1/2	1,988.57	1/2	1,746.91	1/2	1,505.26	1/2	1,263.60
3/4	3/4	3/4	3,191.81	3/4	2,950.16	3/4	2,708.50	3/4	2,466.85	3/4	2,225.19	3/4	1,983.53	3/4	1,741.88	3/4	1,500.22	3/4	1,258.57

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 1202"

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	1,253.53	0	1,011.87	0	770.23	0	528.98	0	287.34	0	45.80	0		0		0		0	
1/4	1,248.50	1/4	1,006.84	1/4	765.20	1/4	523.95	1/4	282.30	1/4	40.80	1/4		1/4		1/4		1/4	
1/2	1,243.46	1/2	1,001.81	1/2	760.18	1/2	518.92	1/2	277.27	1/2	35.81	1/2		1/2		1/2		1/2	
3/4	1,238.43	3/4	996.77	3/4	755.15	3/4	513.88	3/4	272.23	3/4	30.82	3/4		3/4		3/4		3/4	
1	1,233.39	1	991.74	1	750.13	1	508.85	1	267.20	1	26.63	1		1		1		1	
1/4	1,228.36	1/4	986.70	1/4	745.10	1/4	503.81	1/4	262.17	1/4	22.44	1/4		1/4		1/4		1/4	
1/2	1,223.32	1/2	981.67	1/2	740.08	1/2	498.78	1/2	257.13	1/2	18.24	1/2		1/2		1/2		1/2	
3/4	1,218.29	3/4	976.63	3/4	735.05	3/4	493.74	3/4	252.10	3/4	14.05	3/4		3/4		3/4		3/4	
2	1,213.25	2	971.60	2	730.03	2	488.71	2	247.06	2	11.53	2		2		2		2	
1/4	1,208.22	1/4	966.56	1/4	725.00	1/4	483.68	1/4	242.03	1/4	9.02	1/4		1/4		1/4		1/4	
1/2	1,203.19	1/2	961.53	1/2	719.98	1/2	478.64	1/2	236.99	1/2	6.50	1/2		1/2		1/2		1/2	
3/4	1,198.15	3/4	956.50	3/4	714.96	3/4	473.61	3/4	231.96	3/4	3.98	3/4		3/4		3/4		3/4	
3	1,193.12	3	951.46	3	709.93	3	468.57	3	226.93	3	3.14	3		3		3		3	
1/4	1,188.08	1/4	946.43	1/4	704.91	1/4	463.54	1/4	221.89	1/4	2.30	1/4		1/4		1/4		1/4	
1/2	1,183.05	1/2	941.39	1/2	699.88	1/2	458.50	1/2	216.86	1/2	1.47	1/2		1/2		1/2		1/2	
3/4	1,178.01	3/4	936.36	3/4	694.86	3/4	453.47	3/4	211.82	3/4	0.63	3/4		3/4		3/4		3/4	
4	1,172.98	4	931.32	4	689.84	4	448.43	4	206.79	4		4		4		4		4	
1/4	1,167.94	1/4	926.29	1/4	684.81	1/4	443.40	1/4	201.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,162.91	1/2	921.25	1/2	679.79	1/2	438.37	1/2	196.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,157.88	3/4	916.22	3/4	674.77	3/4	433.33	3/4	191.69	3/4		3/4		3/4		3/4		3/4	
5	1,152.84	5	911.18	5	669.74	5	428.30	5	186.65	5		5		5		5		5	
1/4	1,147.81	1/4	906.15	1/4	664.72	1/4	423.26	1/4	181.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,142.77	1/2	901.12	1/2	659.70	1/2	418.23	1/2	176.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,137.74	3/4	896.08	3/4	654.67	3/4	413.19	3/4	171.55	3/4		3/4		3/4		3/4		3/4	
6	1,132.70	6	891.05	6	649.65	6	408.16	6	166.51	6		6		6		6		6	
1/4	1,127.67	1/4	886.01	1/4	644.62	1/4	403.13	1/4	161.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,122.63	1/2	880.98	1/2	639.60	1/2	398.09	1/2	156.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,117.60	3/4	875.94	3/4	634.58	3/4	393.06	3/4	151.41	3/4		3/4		3/4		3/4		3/4	
7	1,112.56	7	870.91	7	629.55	7	388.02	7	146.38	7		7		7		7		7	
1/4	1,107.53	1/4	865.87	1/4	624.53	1/4	382.99	1/4	141.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,102.50	1/2	860.84	1/2	619.51	1/2	377.95	1/2	136.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,097.46	3/4	855.81	3/4	614.48	3/4	372.92	3/4	131.28	3/4		3/4		3/4		3/4		3/4	
8	1,092.43	8	850.77	8	609.46	8	367.89	8	126.24	8		8		8		8		8	
1/4	1,087.39	1/4	845.74	1/4	604.43	1/4	362.85	1/4	121.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,082.36	1/2	840.70	1/2	599.41	1/2	357.82	1/2	116.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,077.32	3/4	835.67	3/4	594.39	3/4	352.78	3/4	111.14	3/4		3/4		3/4		3/4		3/4	
9	1,072.29	9	830.63	9	589.36	9	347.75	9	106.11	9		9		9		9		9	
1/4	1,067.25	1/4	825.60	1/4	584.34	1/4	342.71	1/4	101.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,062.22	1/2	820.56	1/2	579.32	1/2	337.68	1/2	96.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,057.19	3/4	815.53	3/4	574.29	3/4	332.65	3/4	91.00	3/4		3/4		3/4		3/4		3/4	
10	1,052.15	10	810.49	10	569.26	10	327.61	10	85.97	10		10		10		10		10	
1/4	1,047.12	1/4	805.46	1/4	564.22	1/4	322.58	1/4	80.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,042.08	1/2	800.43	1/2	559.19	1/2	317.54	1/2	75.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,037.05	3/4	795.39	3/4	554.16	3/4	312.51	3/4	70.87	3/4		3/4		3/4		3/4		3/4	
11	1,032.01	11	790.36	11	549.12	11	307.47	11	65.85	11		11		11		11		11	
1/4	1,026.98	1/4	785.32	1/4	544.09	1/4	302.44	1/4	60.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,021.94	1/2	780.29	1/2	539.05	1/2	297.41	1/2	55.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,016.91	3/4	775.25	3/4	534.02	3/4	292.37	3/4	50.79	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2018 SW
CALCULATED: 01/09/2018 CL
PRINTED: 01/09/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2018

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