



BARGE "IB 1111"

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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 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
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 3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

June 6, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1111"

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	3,758.60	0	3,504.54	0	3,250.48	0	2,996.42	0	2,719.14	0	2,422.11	0	2,125.11	0	1,828.08		
1/4	1/4	1/4	3,753.30	1/4	3,499.24	1/4	3,478.07	1/4	3,224.01	1/4	2,969.95	1/4	2,688.20	1/4	2,391.18	1/4	2,094.17	1/4	1,797.14
1/2	1/2	1/2	3,748.01	1/2	3,493.95	1/2	3,472.78	1/2	3,218.72	1/2	2,964.66	1/2	2,682.01	1/2	2,384.99	1/2	2,087.98	1/2	1,790.96
3/4	3/4	3/4	3,742.72	3/4	3,488.66	3/4	3,467.49	3/4	3,213.43	3/4	2,959.37	3/4	2,675.82	3/4	2,378.80	3/4	2,081.79	3/4	1,784.77
1	1	1	3,971.06	1	3,737.42	1	3,483.36	1	3,229.31	1	2,975.25	1	2,694.38	1	2,397.37	1	2,100.36	1	1,803.52
1/4	1/4	1/4	3,968.93	1/4	3,732.13	1/4	3,478.07	1/4	3,224.01	1/4	2,969.95	1/4	2,688.20	1/4	2,391.18	1/4	2,094.17	1/4	1,797.14
1/2	1/2	1/2	3,966.80	1/2	3,726.84	1/2	3,472.78	1/2	3,218.72	1/2	2,964.66	1/2	2,682.01	1/2	2,384.99	1/2	2,087.98	1/2	1,790.96
3/4	3/4	3/4	3,964.67	3/4	3,721.55	3/4	3,467.49	3/4	3,213.43	3/4	2,959.37	3/4	2,675.82	3/4	2,378.80	3/4	2,081.79	3/4	1,784.77
2	2	2	3,962.54	2	3,716.25	2	3,462.19	2	3,208.13	2	2,954.07	2	2,669.63	2	2,372.62	2	2,075.60	2	1,778.58
1/4	1/4	1/4	3,958.84	1/4	3,710.96	1/4	3,456.90	1/4	3,202.84	1/4	2,948.78	1/4	2,663.44	1/4	2,366.43	1/4	2,069.42	1/4	1,772.39
1/2	1/2	1/2	3,955.14	1/2	3,705.67	1/2	3,451.61	1/2	3,197.55	1/2	2,943.49	1/2	2,657.26	1/2	2,360.24	1/2	2,063.23	1/2	1,766.20
3/4	3/4	3/4	3,951.44	3/4	3,700.37	3/4	3,446.31	3/4	3,192.26	3/4	2,938.20	3/4	2,651.07	3/4	2,354.05	3/4	2,057.04	3/4	1,760.02
3	3	3	3,947.74	3	3,695.08	3	3,441.02	3	3,186.96	3	2,932.90	3	2,644.88	3	2,347.87	3	2,050.85	3	1,753.83
1/4	1/4	1/4	3,942.76	1/4	3,689.79	1/4	3,435.73	1/4	3,181.67	1/4	2,927.61	1/4	2,638.69	1/4	2,341.68	1/4	2,044.66	1/4	1,747.64
1/2	1/2	1/2	3,937.79	1/2	3,684.49	1/2	3,430.44	1/2	3,176.38	1/2	2,922.32	1/2	2,632.50	1/2	2,335.49	1/2	2,038.48	1/2	1,741.45
3/4	3/4	3/4	3,932.82	3/4	3,679.20	3/4	3,425.14	3/4	3,171.08	3/4	2,917.02	3/4	2,626.32	3/4	2,329.30	3/4	2,032.29	3/4	1,735.26
4	4	4	3,927.84	4	3,673.91	4	3,419.85	4	3,165.79	4	2,911.73	4	2,620.13	4	2,323.12	4	2,026.10	4	1,729.08
1/4	1/4	1/4	3,922.58	1/4	3,668.62	1/4	3,414.56	1/4	3,160.50	1/4	2,906.45	1/4	2,613.94	1/4	2,316.93	1/4	2,019.91	1/4	1,722.89
1/2	1/2	1/2	3,917.31	1/2	3,663.32	1/2	3,409.26	1/2	3,155.20	1/2	2,901.16	1/2	2,607.75	1/2	2,310.74	1/2	2,013.72	1/2	1,716.70
3/4	3/4	3/4	3,912.04	3/4	3,658.03	3/4	3,403.97	3/4	3,149.91	3/4	2,895.87	3/4	2,601.56	3/4	2,304.56	3/4	2,007.54	3/4	1,710.51
5	5	5	3,906.77	5	3,652.74	5	3,398.68	5	3,144.62	5	2,890.59	5	2,595.38	5	2,298.37	5	2,001.35	5	1,704.32
1/4	1/4	1/4	3,901.48	1/4	3,647.44	1/4	3,393.39	1/4	3,139.33	1/4	2,884.85	1/4	2,589.19	1/4	2,292.18	1/4	1,995.16	1/4	1,698.14
1/2	1/2	1/2	3,896.19	1/2	3,642.15	1/2	3,388.09	1/2	3,134.03	1/2	2,879.12	1/2	2,583.00	1/2	2,285.99	1/2	1,988.97	1/2	1,691.96
3/4	3/4	3/4	3,890.90	3/4	3,636.86	3/4	3,382.80	3/4	3,128.74	3/4	2,873.38	3/4	2,576.81	3/4	2,279.81	3/4	1,982.78	3/4	1,685.78
6	6	6	3,885.62	6	3,631.57	6	3,377.51	6	3,123.45	6	2,867.65	6	2,570.62	6	2,273.62	6	1,976.60	6	1,679.60
1/4	1/4	1/4	3,880.33	1/4	3,626.27	1/4	3,372.21	1/4	3,118.15	1/4	2,861.46	1/4	2,564.44	1/4	2,267.43	1/4	1,970.41	1/4	1,673.43
1/2	1/2	1/2	3,875.04	1/2	3,620.98	1/2	3,366.92	1/2	3,112.86	1/2	2,855.27	1/2	2,558.25	1/2	2,261.24	1/2	1,964.22	1/2	1,667.25
3/4	3/4	3/4	3,869.74	3/4	3,615.69	3/4	3,361.63	3/4	3,107.57	3/4	2,849.08	3/4	2,552.06	3/4	2,255.06	3/4	1,958.03	3/4	1,661.08
7	7	7	3,864.45	7	3,610.39	7	3,356.34	7	3,102.28	7	2,842.90	7	2,545.87	7	2,248.87	7	1,951.84	7	1,654.91
1/4	1/4	1/4	3,859.16	1/4	3,605.10	1/4	3,351.04	1/4	3,096.98	1/4	2,836.71	1/4	2,539.68	1/4	2,242.68	1/4	1,945.66	1/4	1,648.73
1/2	1/2	1/2	3,853.87	1/2	3,599.81	1/2	3,345.75	1/2	3,091.69	1/2	2,830.52	1/2	2,533.50	1/2	2,236.49	1/2	1,939.47	1/2	1,642.56
3/4	3/4	3/4	3,848.57	3/4	3,594.52	3/4	3,340.46	3/4	3,086.40	3/4	2,824.33	3/4	2,527.31	3/4	2,230.30	3/4	1,933.28	3/4	1,636.39
8	8	8	3,843.28	8	3,589.22	8	3,335.16	8	3,081.10	8	2,818.14	8	2,521.12	8	2,224.12	8	1,927.09	8	1,630.21
1/4	1/4	1/4	3,837.99	1/4	3,583.93	1/4	3,329.87	1/4	3,075.81	1/4	2,811.96	1/4	2,514.93	1/4	2,217.93	1/4	1,920.90	1/4	1,624.04
1/2	1/2	1/2	3,832.70	1/2	3,578.64	1/2	3,324.58	1/2	3,070.52	1/2	2,805.77	1/2	2,508.74	1/2	2,211.74	1/2	1,914.72	1/2	1,617.86
3/4	3/4	3/4	3,827.40	3/4	3,573.34	3/4	3,319.28	3/4	3,065.23	3/4	2,799.58	3/4	2,502.56	3/4	2,205.55	3/4	1,908.53	3/4	1,611.69
9	9	9	3,822.11	9	3,568.05	9	3,313.99	9	3,059.93	9	2,793.39	9	2,496.37	9	2,199.36	9	1,902.34	9	1,605.52
1/4	1/4	1/4	3,816.82	1/4	3,562.76	1/4	3,308.70	1/4	3,054.64	1/4	2,787.20	1/4	2,490.18	1/4	2,193.18	1/4	1,896.15	1/4	1,599.34
1/2	1/2	1/2	3,811.52	1/2	3,557.47	1/2	3,303.41	1/2	3,049.35	1/2	2,781.02	1/2	2,483.99	1/2	2,186.99	1/2	1,889.96	1/2	1,593.17
3/4	3/4	3/4	3,806.23	3/4	3,552.17	3/4	3,298.11	3/4	3,044.05	3/4	2,774.83	3/4	2,477.80	3/4	2,180.80	3/4	1,883.78	3/4	1,587.00
10	10	10	3,800.94	10	3,546.88	10	3,292.82	10	3,038.76	10	2,768.64	10	2,471.62	10	2,174.61	10	1,877.59	10	1,580.82
1/4	1/4	1/4	3,795.65	1/4	3,541.59	1/4	3,287.53	1/4	3,033.47	1/4	2,762.45	1/4	2,465.43	1/4	2,168.42	1/4	1,871.40	1/4	1,574.65
1/2	1/2	1/2	3,790.35	1/2	3,536.29	1/2	3,282.23	1/2	3,028.18	1/2	2,756.26	1/2	2,459.24	1/2	2,162.24	1/2	1,865.21	1/2	1,568.47
3/4	3/4	3/4	3,785.06	3/4	3,531.00	3/4	3,276.94	3/4	3,022.88	3/4	2,750.08	3/4	2,453.05	3/4	2,156.05	3/4	1,859.02	3/4	1,562.30
11	11	11	3,779.77	11	3,525.71	11	3,271.65	11	3,017.59	11	2,743.89	11	2,446.86	11	2,149.86	11	1,852.84	11	1,556.13
1/4	1/4	1/4	3,774.47	1/4	3,520.41	1/4	3,266.36	1/4	3,012.30	1/4	2,737.70	1/4	2,440.68	1/4	2,143.67	1/4	1,846.65	1/4	1,549.95
1/2	1/2	1/2	3,769.18	1/2	3,515.12	1/2	3,261.06	1/2	3,007.00	1/2	2,731.51	1/2	2,434.49	1/2	2,137.48	1/2	1,840.46	1/2	1,543.78
3/4	3/4	3/4	3,763.89	3/4	3,509.83	3/4	3,255.77	3/4	3,001.71	3/4	2,725.32	3/4	2,428.30	3/4	2,131.30	3/4	1,834.27	3/4	1,537.61

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 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "IB 1111"

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	1,531.43	0	1,234.71	0	938.13	0	646.87	0	349.84	0	53.35	0		0		0		0	
1/4	1,525.26	1/4	1,228.53	1/4	932.10	1/4	640.68	1/4	343.65	1/4	47.73	1/4		1/4		1/4		1/4	
1/2	1,519.09	1/2	1,222.34	1/2	926.06	1/2	634.49	1/2	337.46	1/2	42.12	1/2		1/2		1/2		1/2	
3/4	1,512.91	3/4	1,216.16	3/4	920.02	3/4	628.31	3/4	331.27	3/4	36.50	3/4		3/4		3/4		3/4	
1	1,506.74	1	1,209.97	1	913.98	1	622.12	1	325.08	1	30.89	1		1		1		1	
1/4	1,500.56	1/4	1,203.79	1/4	907.95	1/4	615.93	1/4	318.90	1/4	26.76	1/4		1/4		1/4		1/4	
1/2	1,494.39	1/2	1,197.60	1/2	901.91	1/2	609.74	1/2	312.71	1/2	22.63	1/2		1/2		1/2		1/2	
3/4	1,488.22	3/4	1,191.42	3/4	895.88	3/4	603.55	3/4	306.52	3/4	18.50	3/4		3/4		3/4		3/4	
2	1,482.04	2	1,185.23	2	889.84	2	597.36	2	300.33	2	14.37	2		2		2		2	
1/4	1,475.87	1/4	1,179.05	1/4	883.80	1/4	591.18	1/4	294.14	1/4	12.31	1/4		1/4		1/4		1/4	
1/2	1,469.70	1/2	1,172.86	1/2	877.77	1/2	584.99	1/2	287.95	1/2	10.24	1/2		1/2		1/2		1/2	
3/4	1,463.52	3/4	1,166.68	3/4	871.73	3/4	578.80	3/4	281.76	3/4	8.17	3/4		3/4		3/4		3/4	
3	1,457.35	3	1,160.49	3	865.69	3	572.61	3	275.58	3	6.11	3		3		3		3	
1/4	1,451.17	1/4	1,154.31	1/4	859.66	1/4	566.42	1/4	269.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,444.99	1/2	1,148.12	1/2	853.62	1/2	560.24	1/2	263.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,438.81	3/4	1,141.94	3/4	847.59	3/4	554.05	3/4	257.01	3/4		3/4		3/4		3/4		3/4	
4	1,432.63	4	1,135.75	4	841.55	4	547.86	4	250.82	4		4		4		4		4	
1/4	1,426.44	1/4	1,129.57	1/4	835.51	1/4	541.67	1/4	244.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,420.26	1/2	1,123.38	1/2	829.48	1/2	535.48	1/2	238.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,414.07	3/4	1,117.20	3/4	823.44	3/4	529.29	3/4	232.25	3/4		3/4		3/4		3/4		3/4	
5	1,407.89	5	1,111.01	5	817.40	5	523.11	5	226.06	5		5		5		5		5	
1/4	1,401.70	1/4	1,104.83	1/4	811.37	1/4	516.92	1/4	219.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,395.52	1/2	1,098.64	1/2	805.33	1/2	510.73	1/2	213.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,389.33	3/4	1,092.46	3/4	799.30	3/4	504.54	3/4	207.47	3/4		3/4		3/4		3/4		3/4	
6	1,383.15	6	1,086.27	6	793.26	6	498.35	6	201.28	6		6		6		6		6	
1/4	1,376.96	1/4	1,080.09	1/4	787.22	1/4	492.17	1/4	195.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,370.78	1/2	1,073.90	1/2	781.19	1/2	485.98	1/2	188.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,364.60	3/4	1,067.72	3/4	775.15	3/4	479.79	3/4	182.70	3/4		3/4		3/4		3/4		3/4	
7	1,358.41	7	1,061.54	7	769.11	7	473.60	7	176.51	7		7		7		7		7	
1/4	1,352.23	1/4	1,055.35	1/4	763.08	1/4	467.41	1/4	170.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,346.04	1/2	1,049.17	1/2	757.04	1/2	461.22	1/2	164.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,339.86	3/4	1,042.98	3/4	751.01	3/4	455.04	3/4	157.94	3/4		3/4		3/4		3/4		3/4	
8	1,333.67	8	1,036.80	8	744.97	8	448.85	8	151.75	8		8		8		8		8	
1/4	1,327.49	1/4	1,030.61	1/4	738.93	1/4	442.66	1/4	145.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,321.30	1/2	1,024.43	1/2	732.90	1/2	436.47	1/2	139.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,315.12	3/4	1,018.24	3/4	726.86	3/4	430.28	3/4	133.20	3/4		3/4		3/4		3/4		3/4	
9	1,308.93	9	1,012.06	9	720.83	9	424.09	9	127.01	9		9		9		9		9	
1/4	1,302.75	1/4	1,005.87	1/4	714.71	1/4	417.91	1/4	120.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,296.56	1/2	999.69	1/2	708.60	1/2	411.72	1/2	114.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,290.38	3/4	993.50	3/4	702.49	3/4	405.53	3/4	108.50	3/4		3/4		3/4		3/4		3/4	
10	1,284.19	10	987.32	10	696.38	10	399.34	10	102.33	10		10		10		10		10	
1/4	1,278.01	1/4	981.13	1/4	690.19	1/4	393.15	1/4	96.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,271.82	1/2	974.95	1/2	684.00	1/2	386.97	1/2	90.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,265.64	3/4	968.76	3/4	677.81	3/4	380.78	3/4	83.89	3/4		3/4		3/4		3/4		3/4	
11	1,259.45	11	962.58	11	671.62	11	374.59	11	77.75	11		11		11		11		11	
1/4	1,253.27	1/4	956.47	1/4	665.43	1/4	368.40	1/4	71.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,247.08	1/2	950.35	1/2	659.25	1/2	362.21	1/2	65.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,240.90	3/4	944.24	3/4	653.06	3/4	356.02	3/4	59.45	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

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



BARGE "IB 1111"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,445.04	0	3,182.07	0	2,919.11	0	2,656.15	0	2,393.18	0	2,130.22	0	1,867.26	0	1,604.29		
1/4	1/4	1/4	3,439.56	1/4	3,176.59	1/4	2,913.63	1/4	2,650.67	1/4	2,387.70	1/4	2,124.74	1/4	1,861.78	1/4	1,598.81		
1/2	1/2	1/2	3,677.41	1/2	3,434.08	1/2	3,171.12	1/2	2,908.15	1/2	2,645.19	1/2	2,382.23	1/2	2,119.26	1/2	1,856.30	1/2	1,593.34
3/4	3/4	3/4	3,675.13	3/4	3,428.60	3/4	3,165.64	3/4	2,902.67	3/4	2,639.71	3/4	2,376.75	3/4	2,113.78	3/4	1,850.82	3/4	1,587.86
1	1	1	3,672.85	1	3,423.12	1	3,160.16	1	2,897.20	1	2,634.23	1	2,371.27	1	2,108.31	1	1,845.34	1	1,582.38
1/4	1/4	1/4	3,670.56	1/4	3,417.64	1/4	3,154.68	1/4	2,891.72	1/4	2,628.75	1/4	2,365.79	1/4	2,102.83	1/4	1,839.86	1/4	1,576.90
1/2	1/2	1/2	3,668.28	1/2	3,412.16	1/2	3,149.20	1/2	2,886.24	1/2	2,623.28	1/2	2,360.31	1/2	2,097.35	1/2	1,834.39	1/2	1,571.42
3/4	3/4	3/4	3,664.21	3/4	3,406.69	3/4	3,143.72	3/4	2,880.76	3/4	2,617.80	3/4	2,354.83	3/4	2,091.87	3/4	1,828.91	3/4	1,565.94
2	2	2	3,660.14	2	3,401.21	2	3,138.24	2	2,875.28	2	2,612.32	2	2,349.36	2	2,086.39	2	1,823.43	2	1,560.47
1/4	1/4	1/4	3,656.07	1/4	3,395.73	1/4	3,132.77	1/4	2,869.80	1/4	2,606.84	1/4	2,343.88	1/4	2,080.91	1/4	1,817.95	1/4	1,554.99
1/2	1/2	1/2	3,652.00	1/2	3,390.25	1/2	3,127.29	1/2	2,864.32	1/2	2,601.36	1/2	2,338.40	1/2	2,075.44	1/2	1,812.47	1/2	1,549.51
3/4	3/4	3/4	3,646.80	3/4	3,384.77	3/4	3,121.81	3/4	2,858.85	3/4	2,595.88	3/4	2,332.92	3/4	2,069.96	3/4	1,806.99	3/4	1,544.03
3	3	3	3,641.61	3	3,379.29	3	3,116.33	3	2,853.37	3	2,590.40	3	2,327.44	3	2,064.48	3	1,801.52	3	1,538.55
1/4	1/4	1/4	3,636.41	1/4	3,373.82	1/4	3,110.85	1/4	2,847.89	1/4	2,584.93	1/4	2,321.96	1/4	2,059.00	1/4	1,796.04	1/4	1,533.07
1/2	1/2	1/2	3,631.21	1/2	3,368.34	1/2	3,105.37	1/2	2,842.41	1/2	2,579.45	1/2	2,316.48	1/2	2,053.52	1/2	1,790.56	1/2	1,527.60
3/4	3/4	3/4	3,625.76	3/4	3,362.86	3/4	3,099.90	3/4	2,836.93	3/4	2,573.97	3/4	2,311.01	3/4	2,048.04	3/4	1,785.08	3/4	1,522.12
4	4	4	3,620.30	4	3,357.38	4	3,094.42	4	2,831.45	4	2,568.49	4	2,305.53	4	2,042.56	4	1,779.60	4	1,516.64
1/4	1/4	1/4	3,614.84	1/4	3,351.90	1/4	3,088.94	1/4	2,825.98	1/4	2,563.01	1/4	2,300.05	1/4	2,037.09	1/4	1,774.12	1/4	1,511.16
1/2	1/2	1/2	3,609.38	1/2	3,346.42	1/2	3,083.46	1/2	2,820.50	1/2	2,557.53	1/2	2,294.57	1/2	2,031.61	1/2	1,768.64	1/2	1,505.68
3/4	3/4	3/4	3,603.91	3/4	3,340.95	3/4	3,077.98	3/4	2,815.02	3/4	2,552.06	3/4	2,289.09	3/4	2,026.13	3/4	1,763.17	3/4	1,500.20
5	5	5	3,598.44	5	3,335.47	5	3,072.50	5	2,809.54	5	2,546.58	5	2,283.61	5	2,020.65	5	1,757.69	5	1,494.72
1/4	1/4	1/4	3,592.96	1/4	3,329.99	1/4	3,067.03	1/4	2,804.06	1/4	2,541.10	1/4	2,278.14	1/4	2,015.17	1/4	1,752.21	1/4	1,489.25
1/2	1/2	1/2	3,587.49	1/2	3,324.51	1/2	3,061.55	1/2	2,798.58	1/2	2,535.62	1/2	2,272.66	1/2	2,009.69	1/2	1,746.73	1/2	1,483.77
3/4	3/4	3/4	3,582.01	3/4	3,319.03	3/4	3,056.07	3/4	2,793.11	3/4	2,530.14	3/4	2,267.18	3/4	2,004.22	3/4	1,741.25	3/4	1,478.29
6	6	6	3,576.52	6	3,313.55	6	3,050.59	6	2,787.63	6	2,524.66	6	2,261.70	6	1,998.74	6	1,735.77	6	1,472.81
1/4	1/4	1/4	3,571.04	1/4	3,308.08	1/4	3,045.11	1/4	2,782.15	1/4	2,519.19	1/4	2,256.22	1/4	1,993.26	1/4	1,730.30	1/4	1,467.33
1/2	1/2	1/2	3,565.56	1/2	3,302.60	1/2	3,039.63	1/2	2,776.67	1/2	2,513.71	1/2	2,250.74	1/2	1,987.78	1/2	1,724.82	1/2	1,461.85
3/4	3/4	3/4	3,560.08	3/4	3,297.12	3/4	3,034.16	3/4	2,771.19	3/4	2,508.23	3/4	2,245.27	3/4	1,982.30	3/4	1,719.34	3/4	1,456.38
7	7	7	3,554.60	7	3,291.64	7	3,028.68	7	2,765.71	7	2,502.75	7	2,239.79	7	1,976.82	7	1,713.86	7	1,450.90
1/4	1/4	1/4	3,549.12	1/4	3,286.16	1/4	3,023.20	1/4	2,760.24	1/4	2,497.27	1/4	2,234.31	1/4	1,971.35	1/4	1,708.38	1/4	1,445.42
1/2	1/2	1/2	3,543.65	1/2	3,280.68	1/2	3,017.72	1/2	2,754.76	1/2	2,491.79	1/2	2,228.83	1/2	1,965.87	1/2	1,702.90	1/2	1,439.94
3/4	3/4	3/4	3,538.17	3/4	3,275.20	3/4	3,012.24	3/4	2,749.28	3/4	2,486.32	3/4	2,223.35	3/4	1,960.39	3/4	1,697.43	3/4	1,434.46
8	8	8	3,532.69	8	3,269.73	8	3,006.76	8	2,743.80	8	2,480.84	8	2,217.87	8	1,954.91	8	1,691.95	8	1,428.98
1/4	1/4	1/4	3,527.21	1/4	3,264.25	1/4	3,001.28	1/4	2,738.32	1/4	2,475.36	1/4	2,212.40	1/4	1,949.43	1/4	1,686.47	1/4	1,423.51
1/2	1/2	1/2	3,521.73	1/2	3,258.77	1/2	2,995.81	1/2	2,732.84	1/2	2,469.88	1/2	2,206.92	1/2	1,943.95	1/2	1,680.99	1/2	1,418.03
3/4	3/4	3/4	3,516.25	3/4	3,253.29	3/4	2,990.33	3/4	2,727.36	3/4	2,464.40	3/4	2,201.44	3/4	1,938.48	3/4	1,675.51	3/4	1,412.55
9	9	9	3,510.78	9	3,247.81	9	2,984.85	9	2,721.89	9	2,458.92	9	2,195.96	9	1,933.00	9	1,670.03	9	1,407.07
1/4	1/4	1/4	3,505.30	1/4	3,242.33	1/4	2,979.37	1/4	2,716.41	1/4	2,453.44	1/4	2,190.48	1/4	1,927.52	1/4	1,664.56	1/4	1,401.59
1/2	1/2	1/2	3,499.82	1/2	3,236.86	1/2	2,973.89	1/2	2,710.93	1/2	2,447.97	1/2	2,185.00	1/2	1,922.04	1/2	1,659.08	1/2	1,396.11
3/4	3/4	3/4	3,494.34	3/4	3,231.38	3/4	2,968.41	3/4	2,705.45	3/4	2,442.49	3/4	2,179.52	3/4	1,916.56	3/4	1,653.60	3/4	1,390.64
10	10	10	3,488.86	10	3,225.90	10	2,962.94	10	2,699.97	10	2,437.01	10	2,174.05	10	1,911.08	10	1,648.12	10	1,385.16
1/4	1/4	1/4	3,483.38	1/4	3,220.42	1/4	2,957.46	1/4	2,694.49	1/4	2,431.53	1/4	2,168.57	1/4	1,905.60	1/4	1,642.64	1/4	1,379.68
1/2	1/2	1/2	3,477.91	1/2	3,214.94	1/2	2,951.98	1/2	2,689.02	1/2	2,426.05	1/2	2,163.09	1/2	1,900.13	1/2	1,637.16	1/2	1,374.20
3/4	3/4	3/4	3,472.43	3/4	3,209.46	3/4	2,946.50	3/4	2,683.54	3/4	2,420.57	3/4	2,157.61	3/4	1,894.65	3/4	1,631.68	3/4	1,368.72
11	11	11	3,466.95	11	3,203.99	11	2,941.02	11	2,678.06	11	2,415.10	11	2,152.13	11	1,889.17	11	1,626.21	11	1,363.24
1/4	1/4	1/4	3,461.47	1/4	3,198.51	1/4	2,935.54	1/4	2,672.58	1/4	2,409.62	1/4	2,146.65	1/4	1,883.69	1/4	1,620.73	1/4	1,357.76
1/2	1/2	1/2	3,455.99	1/2	3,193.03	1/2	2,930.07	1/2	2,667.10	1/2	2,404.14	1/2	2,141.18	1/2	1,878.21	1/2	1,615.25	1/2	1,352.29
3/4	3/4	3/4	3,450.51	3/4	3,187.55	3/4	2,924.59	3/4	2,661.62	3/4	2,398.66	3/4	2,135.70	3/4	1,872.73	3/4	1,609.77	3/4	1,346.81

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'-03" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1111"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,341.33	0	1,078.37	0	816.00	0	558.43	0	295.47	0	34.27	0		0		0		0	
1/4	1,335.85	1/4	1,072.89	1/4	810.67	1/4	552.95	1/4	290.00	1/4	29.31	1/4		1/4		1/4		1/4	
1/2	1,330.37	1/2	1,067.41	1/2	805.34	1/2	547.47	1/2	284.52	1/2	24.35	1/2		1/2		1/2		1/2	
3/4	1,324.89	3/4	1,061.93	3/4	800.01	3/4	541.99	3/4	279.04	3/4	20.70	3/4		3/4		3/4		3/4	
1	1,319.42	1	1,056.45	1	794.68	1	536.52	1	273.56	1	17.05	1		1		1		1	
1/4	1,313.94	1/4	1,050.97	1/4	789.35	1/4	531.04	1/4	268.08	1/4	13.40	1/4		1/4		1/4		1/4	
1/2	1,308.46	1/2	1,045.50	1/2	784.02	1/2	525.56	1/2	262.61	1/2	9.75	1/2		1/2		1/2		1/2	
3/4	1,302.98	3/4	1,040.02	3/4	778.69	3/4	520.08	3/4	257.13	3/4	7.93	3/4		3/4		3/4		3/4	
2	1,297.50	2	1,034.54	2	773.36	2	514.60	2	251.65	2	6.10	2		2		2		2	
1/4	1,292.02	1/4	1,029.06	1/4	768.03	1/4	509.12	1/4	246.17	1/4	4.28	1/4		1/4		1/4		1/4	
1/2	1,286.55	1/2	1,023.58	1/2	762.71	1/2	503.65	1/2	240.69	1/2	2.45	1/2		1/2		1/2		1/2	
3/4	1,281.07	3/4	1,018.10	3/4	757.38	3/4	498.17	3/4	235.21	3/4		3/4		3/4		3/4		3/4	
3	1,275.59	3	1,012.63	3	752.05	3	492.69	3	229.74	3		3		3		3		3	
1/4	1,270.11	1/4	1,007.15	1/4	746.72	1/4	487.21	1/4	224.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,264.63	1/2	1,001.67	1/2	741.39	1/2	481.73	1/2	218.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,259.15	3/4	996.19	3/4	736.06	3/4	476.26	3/4	213.30	3/4		3/4		3/4		3/4		3/4	
4	1,253.68	4	990.71	4	730.74	4	470.78	4	207.82	4		4		4		4		4	
1/4	1,248.20	1/4	985.23	1/4	725.41	1/4	465.30	1/4	202.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,242.72	1/2	979.76	1/2	720.08	1/2	459.82	1/2	196.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,237.24	3/4	974.28	3/4	714.75	3/4	454.34	3/4	191.39	3/4		3/4		3/4		3/4		3/4	
5	1,231.76	5	968.80	5	709.42	5	448.86	5	185.91	5		5		5		5		5	
1/4	1,226.28	1/4	963.32	1/4	704.09	1/4	443.39	1/4	180.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,220.80	1/2	957.84	1/2	698.77	1/2	437.91	1/2	174.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,215.33	3/4	952.36	3/4	693.44	3/4	432.43	3/4	169.48	3/4		3/4		3/4		3/4		3/4	
6	1,209.85	6	946.88	6	688.11	6	426.95	6	164.00	6		6		6		6		6	
1/4	1,204.37	1/4	941.41	1/4	682.78	1/4	421.47	1/4	158.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.89	1/2	935.93	1/2	677.45	1/2	416.00	1/2	153.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,193.41	3/4	930.45	3/4	672.12	3/4	410.52	3/4	147.57	3/4		3/4		3/4		3/4		3/4	
7	1,187.93	7	924.97	7	666.80	7	405.04	7	142.10	7		7		7		7		7	
1/4	1,182.46	1/4	919.49	1/4	661.47	1/4	399.56	1/4	136.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.98	1/2	914.01	1/2	656.14	1/2	394.08	1/2	131.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,171.50	3/4	908.54	3/4	650.81	3/4	388.60	3/4	125.68	3/4		3/4		3/4		3/4		3/4	
8	1,166.02	8	903.06	8	645.48	8	383.13	8	120.21	8		8		8		8		8	
1/4	1,160.54	1/4	897.58	1/4	640.15	1/4	377.65	1/4	114.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,155.06	1/2	892.10	1/2	634.82	1/2	372.17	1/2	109.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,149.59	3/4	886.62	3/4	629.42	3/4	366.69	3/4	103.83	3/4		3/4		3/4		3/4		3/4	
9	1,144.11	9	881.14	9	624.02	9	361.21	9	98.37	9		9		9		9		9	
1/4	1,138.63	1/4	875.67	1/4	618.61	1/4	355.74	1/4	92.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,133.15	1/2	870.19	1/2	613.21	1/2	350.26	1/2	87.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,127.67	3/4	864.71	3/4	607.73	3/4	344.78	3/4	82.04	3/4		3/4		3/4		3/4		3/4	
10	1,122.19	10	859.23	10	602.25	10	339.30	10	76.61	10		10		10		10		10	
1/4	1,116.72	1/4	853.75	1/4	596.78	1/4	333.82	1/4	71.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,111.24	1/2	848.27	1/2	591.30	1/2	328.34	1/2	65.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,105.76	3/4	842.87	3/4	585.82	3/4	322.87	3/4	60.36	3/4		3/4		3/4		3/4		3/4	
11	1,100.28	11	837.47	11	580.34	11	317.39	11	54.97	11		11		11		11		11	
1/4	1,094.80	1/4	832.06	1/4	574.86	1/4	311.91	1/4	49.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,089.32	1/2	826.66	1/2	569.38	1/2	306.43	1/2	44.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,083.84	3/4	821.33	3/4	563.91	3/4	300.95	3/4	39.23	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

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



BARGE "IB 1111"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,425.47	0	3,164.43	0	2,903.38	0	2,642.33	0	2,381.28	0	2,120.23	0	1,859.19	0	1,598.14		
1/4	1/4	1/4	3,420.04	1/4	3,158.99	1/4	2,897.94	1/4	2,636.89	1/4	2,375.84	1/4	2,114.80	1/4	1,853.75	1/4	1,592.70		
1/2	1/2	1/2	3,656.16	1/2	3,414.60	1/2	3,153.55	1/2	2,892.50	1/2	2,631.45	1/2	2,370.41	1/2	2,109.36	1/2	1,848.31	1/2	1,587.26
3/4	3/4	3/4	3,653.90	3/4	3,409.16	3/4	3,148.11	3/4	2,887.06	3/4	2,626.02	3/4	2,364.97	3/4	2,103.92	3/4	1,842.87	3/4	1,581.82
1	1	1	3,651.63	1	3,403.72	1	3,142.67	1	2,881.62	1	2,620.58	1	2,359.53	1	2,098.48	1	1,837.43	1	1,576.38
1/4	1/4	1/4	3,649.37	1/4	3,398.28	1/4	3,137.23	1/4	2,876.19	1/4	2,615.14	1/4	2,354.09	1/4	2,093.04	1/4	1,831.99	1/4	1,570.95
1/2	1/2	1/2	3,647.10	1/2	3,392.84	1/2	3,131.80	1/2	2,870.75	1/2	2,609.70	1/2	2,348.65	1/2	2,087.60	1/2	1,826.56	1/2	1,565.51
3/4	3/4	3/4	3,643.06	3/4	3,387.41	3/4	3,126.36	3/4	2,865.31	3/4	2,604.26	3/4	2,343.21	3/4	2,082.17	3/4	1,821.12	3/4	1,560.07
2	2	2	3,639.02	2	3,381.97	2	3,120.92	2	2,859.87	2	2,598.82	2	2,337.77	2	2,076.73	2	1,815.68	2	1,554.63
1/4	1/4	1/4	3,634.97	1/4	3,376.53	1/4	3,115.48	1/4	2,854.43	1/4	2,593.38	1/4	2,332.34	1/4	2,071.29	1/4	1,810.24	1/4	1,549.19
1/2	1/2	1/2	3,630.93	1/2	3,371.09	1/2	3,110.04	1/2	2,848.99	1/2	2,587.95	1/2	2,326.90	1/2	2,065.85	1/2	1,804.80	1/2	1,543.75
3/4	3/4	3/4	3,625.78	3/4	3,365.65	3/4	3,104.60	3/4	2,843.56	3/4	2,582.51	3/4	2,321.46	3/4	2,060.41	3/4	1,799.36	3/4	1,538.32
3	3	3	3,620.62	3	3,360.21	3	3,099.16	3	2,838.12	3	2,577.07	3	2,316.02	3	2,054.97	3	1,793.92	3	1,532.88
1/4	1/4	1/4	3,615.46	1/4	3,354.77	1/4	3,093.73	1/4	2,832.68	1/4	2,571.63	1/4	2,310.58	1/4	2,049.53	1/4	1,788.49	1/4	1,527.44
1/2	1/2	1/2	3,610.30	1/2	3,349.34	1/2	3,088.29	1/2	2,827.24	1/2	2,566.19	1/2	2,305.14	1/2	2,044.10	1/2	1,783.05	1/2	1,522.00
3/4	3/4	3/4	3,604.88	3/4	3,343.90	3/4	3,082.85	3/4	2,821.80	3/4	2,560.75	3/4	2,299.71	3/4	2,038.66	3/4	1,777.61	3/4	1,516.56
4	4	4	3,599.46	4	3,338.46	4	3,077.41	4	2,816.36	4	2,555.31	4	2,294.27	4	2,033.22	4	1,772.17	4	1,511.12
1/4	1/4	1/4	3,594.05	1/4	3,333.02	1/4	3,071.97	1/4	2,810.92	1/4	2,549.88	1/4	2,288.83	1/4	2,027.78	1/4	1,766.73	1/4	1,505.68
1/2	1/2	1/2	3,588.63	1/2	3,327.58	1/2	3,066.53	1/2	2,805.49	1/2	2,544.44	1/2	2,283.39	1/2	2,022.34	1/2	1,761.29	1/2	1,500.25
3/4	3/4	3/4	3,583.19	3/4	3,322.14	3/4	3,061.10	3/4	2,800.05	3/4	2,539.00	3/4	2,277.95	3/4	2,016.90	3/4	1,755.86	3/4	1,494.81
5	5	5	3,577.76	5	3,316.70	5	3,055.66	5	2,794.61	5	2,533.56	5	2,272.51	5	2,011.46	5	1,750.42	5	1,489.37
1/4	1/4	1/4	3,572.33	1/4	3,311.27	1/4	3,050.22	1/4	2,789.17	1/4	2,528.12	1/4	2,267.07	1/4	2,006.03	1/4	1,744.98	1/4	1,483.93
1/2	1/2	1/2	3,566.89	1/2	3,305.83	1/2	3,044.78	1/2	2,783.73	1/2	2,522.68	1/2	2,261.64	1/2	2,000.59	1/2	1,739.54	1/2	1,478.49
3/4	3/4	3/4	3,561.45	3/4	3,300.39	3/4	3,039.34	3/4	2,778.29	3/4	2,517.25	3/4	2,256.20	3/4	1,995.15	3/4	1,734.10	3/4	1,473.05
6	6	6	3,556.01	6	3,294.95	6	3,033.90	6	2,772.85	6	2,511.81	6	2,250.76	6	1,989.71	6	1,728.66	6	1,467.61
1/4	1/4	1/4	3,550.56	1/4	3,289.51	1/4	3,028.46	1/4	2,767.42	1/4	2,506.37	1/4	2,245.32	1/4	1,984.27	1/4	1,723.22	1/4	1,462.18
1/2	1/2	1/2	3,545.12	1/2	3,284.07	1/2	3,023.03	1/2	2,761.98	1/2	2,500.93	1/2	2,239.88	1/2	1,978.83	1/2	1,717.79	1/2	1,456.74
3/4	3/4	3/4	3,539.68	3/4	3,278.64	3/4	3,017.59	3/4	2,756.54	3/4	2,495.49	3/4	2,234.44	3/4	1,973.40	3/4	1,712.35	3/4	1,451.30
7	7	7	3,534.24	7	3,273.20	7	3,012.15	7	2,751.10	7	2,490.05	7	2,229.00	7	1,967.96	7	1,706.91	7	1,445.86
1/4	1/4	1/4	3,528.81	1/4	3,267.76	1/4	3,006.71	1/4	2,745.66	1/4	2,484.61	1/4	2,225.57	1/4	1,962.52	1/4	1,701.47	1/4	1,440.42
1/2	1/2	1/2	3,523.37	1/2	3,262.32	1/2	3,001.27	1/2	2,740.22	1/2	2,479.18	1/2	2,218.13	1/2	1,957.08	1/2	1,696.03	1/2	1,434.98
3/4	3/4	3/4	3,517.93	3/4	3,256.88	3/4	2,995.83	3/4	2,734.79	3/4	2,473.74	3/4	2,212.69	3/4	1,951.64	3/4	1,690.59	3/4	1,429.55
8	8	8	3,512.49	8	3,251.44	8	2,990.39	8	2,729.35	8	2,468.30	8	2,207.25	8	1,946.20	8	1,685.15	8	1,424.11
1/4	1/4	1/4	3,507.05	1/4	3,246.00	1/4	2,984.96	1/4	2,723.91	1/4	2,462.86	1/4	2,201.81	1/4	1,940.76	1/4	1,679.72	1/4	1,418.67
1/2	1/2	1/2	3,501.61	1/2	3,240.57	1/2	2,979.52	1/2	2,718.47	1/2	2,457.42	1/2	2,196.37	1/2	1,935.33	1/2	1,674.28	1/2	1,413.23
3/4	3/4	3/4	3,496.18	3/4	3,235.13	3/4	2,974.08	3/4	2,713.03	3/4	2,451.98	3/4	2,190.94	3/4	1,929.89	3/4	1,668.84	3/4	1,407.79
9	9	9	3,490.74	9	3,229.69	9	2,968.64	9	2,707.59	9	2,446.54	9	2,185.50	9	1,924.45	9	1,663.40	9	1,402.35
1/4	1/4	1/4	3,485.30	1/4	3,224.25	1/4	2,963.20	1/4	2,702.15	1/4	2,441.11	1/4	2,180.06	1/4	1,919.01	1/4	1,657.96	1/4	1,396.91
1/2	1/2	1/2	3,479.86	1/2	3,218.81	1/2	2,957.76	1/2	2,696.72	1/2	2,435.67	1/2	2,174.62	1/2	1,913.57	1/2	1,652.52	1/2	1,391.48
3/4	3/4	3/4	3,474.42	3/4	3,213.37	3/4	2,952.33	3/4	2,691.28	3/4	2,430.23	3/4	2,169.18	3/4	1,908.13	3/4	1,647.09	3/4	1,386.04
10	10	10	3,468.98	10	3,207.93	10	2,946.89	10	2,685.84	10	2,424.79	10	2,163.74	10	1,902.69	10	1,641.65	10	1,380.60
1/4	1/4	1/4	3,463.54	1/4	3,202.50	1/4	2,941.45	1/4	2,680.40	1/4	2,419.35	1/4	2,158.30	1/4	1,897.26	1/4	1,636.21	1/4	1,375.16
1/2	1/2	1/2	3,458.11	1/2	3,197.06	1/2	2,936.01	1/2	2,674.96	1/2	2,413.91	1/2	2,152.87	1/2	1,891.82	1/2	1,630.77	1/2	1,369.72
3/4	3/4	3/4	3,452.67	3/4	3,191.62	3/4	2,930.57	3/4	2,669.52	3/4	2,408.48	3/4	2,147.43	3/4	1,886.38	3/4	1,625.33	3/4	1,364.28
11	11	11	3,447.23	11	3,186.18	11	2,925.13	11	2,664.08	11	2,403.04	11	2,141.99	11	1,880.94	11	1,619.89	11	1,358.84
1/4	1/4	1/4	3,441.79	1/4	3,180.74	1/4	2,919.69	1/4	2,658.65	1/4	2,397.60	1/4	2,136.55	1/4	1,875.50	1/4	1,614.45	1/4	1,353.41
1/2	1/2	1/2	3,436.35	1/2	3,175.30	1/2	2,914.26	1/2	2,653.21	1/2	2,392.16	1/2	2,131.11	1/2	1,870.06	1/2	1,609.02	1/2	1,347.97
3/4	3/4	3/4	3,430.91	3/4	3,169.87	3/4	2,908.82	3/4	2,647.77	3/4	2,386.72	3/4	2,125.67	3/4	1,864.63	3/4	1,603.58	3/4	1,342.53

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 1111"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,337.09	0	1,076.04	0	815.03	0	554.37	0	293.33	0	34.03	0		0		0		0	
1/4	1,331.65	1/4	1,070.60	1/4	809.60	1/4	548.93	1/4	287.89	1/4	29.10	1/4		1/4		1/4		1/4	
1/2	1,326.21	1/2	1,065.17	1/2	804.17	1/2	543.49	1/2	282.45	1/2	24.18	1/2		1/2		1/2		1/2	
3/4	1,320.78	3/4	1,059.73	3/4	798.74	3/4	538.05	3/4	277.01	3/4	20.55	3/4		3/4		3/4		3/4	
1	1,315.34	1	1,054.29	1	793.32	1	532.61	1	271.58	1	16.93	1		1		1		1	
1/4	1,309.90	1/4	1,048.85	1/4	787.89	1/4	527.18	1/4	266.14	1/4	13.31	1/4		1/4		1/4		1/4	
1/2	1,304.46	1/2	1,043.41	1/2	782.46	1/2	521.74	1/2	260.70	1/2	9.69	1/2		1/2		1/2		1/2	
3/4	1,299.02	3/4	1,037.97	3/4	777.03	3/4	516.30	3/4	255.26	3/4	7.88	3/4		3/4		3/4		3/4	
2	1,293.58	2	1,032.53	2	771.60	2	510.86	2	249.82	2	6.06	2		2		2		2	
1/4	1,288.14	1/4	1,027.10	1/4	766.18	1/4	505.42	1/4	244.38	1/4	4.25	1/4		1/4		1/4		1/4	
1/2	1,282.71	1/2	1,021.66	1/2	760.75	1/2	499.98	1/2	238.95	1/2	2.44	1/2		1/2		1/2		1/2	
3/4	1,277.27	3/4	1,016.22	3/4	755.32	3/4	494.55	3/4	233.51	3/4		3/4		3/4		3/4		3/4	
3	1,271.83	3	1,010.78	3	749.89	3	489.11	3	228.07	3		3		3		3		3	
1/4	1,266.39	1/4	1,005.34	1/4	744.47	1/4	483.67	1/4	222.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,260.95	1/2	999.90	1/2	739.04	1/2	478.23	1/2	217.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,255.51	3/4	994.47	3/4	733.61	3/4	472.79	3/4	211.75	3/4		3/4		3/4		3/4		3/4	
4	1,250.07	4	989.03	4	728.18	4	467.35	4	206.32	4		4		4		4		4	
1/4	1,244.64	1/4	983.59	1/4	722.75	1/4	461.92	1/4	200.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.20	1/2	978.15	1/2	717.33	1/2	456.48	1/2	195.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.76	3/4	972.71	3/4	711.90	3/4	451.04	3/4	190.00	3/4		3/4		3/4		3/4		3/4	
5	1,228.32	5	967.27	5	706.47	5	445.60	5	184.56	5		5		5		5		5	
1/4	1,222.88	1/4	961.83	1/4	701.04	1/4	440.16	1/4	179.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,217.44	1/2	956.40	1/2	695.62	1/2	434.72	1/2	173.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,212.01	3/4	950.96	3/4	690.19	3/4	429.29	3/4	168.25	3/4		3/4		3/4		3/4		3/4	
6	1,206.57	6	945.52	6	684.76	6	423.85	6	162.81	6		6		6		6		6	
1/4	1,201.13	1/4	940.08	1/4	679.33	1/4	418.41	1/4	157.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,195.69	1/2	934.64	1/2	673.91	1/2	412.97	1/2	151.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,190.25	3/4	929.20	3/4	668.48	3/4	407.53	3/4	146.50	3/4		3/4		3/4		3/4		3/4	
7	1,184.81	7	923.76	7	663.05	7	402.09	7	141.07	7		7		7		7		7	
1/4	1,179.37	1/4	918.33	1/4	657.62	1/4	396.66	1/4	135.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,173.94	1/2	912.89	1/2	652.19	1/2	391.22	1/2	130.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,168.50	3/4	907.45	3/4	646.77	3/4	385.78	3/4	124.77	3/4		3/4		3/4		3/4		3/4	
8	1,163.06	8	902.01	8	641.34	8	380.34	8	119.34	8		8		8		8		8	
1/4	1,157.62	1/4	896.57	1/4	635.91	1/4	374.90	1/4	113.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,152.18	1/2	891.13	1/2	630.48	1/2	369.46	1/2	108.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,146.74	3/4	885.70	3/4	625.05	3/4	364.03	3/4	103.08	3/4		3/4		3/4		3/4		3/4	
9	1,141.30	9	880.26	9	619.62	9	358.59	9	97.66	9		9		9		9		9	
1/4	1,135.87	1/4	874.82	1/4	614.18	1/4	353.15	1/4	92.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,130.43	1/2	869.38	1/2	608.75	1/2	347.71	1/2	86.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,124.99	3/4	863.94	3/4	603.31	3/4	342.27	3/4	81.45	3/4		3/4		3/4		3/4		3/4	
10	1,119.55	10	858.50	10	597.87	10	336.84	10	76.06	10		10		10		10		10	
1/4	1,114.11	1/4	853.06	1/4	592.44	1/4	331.40	1/4	70.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,108.67	1/2	847.63	1/2	587.00	1/2	325.96	1/2	65.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,103.24	3/4	842.19	3/4	581.56	3/4	320.52	3/4	59.93	3/4		3/4		3/4		3/4		3/4	
11	1,097.80	11	836.76	11	576.12	11	315.08	11	54.58	11		11		11		11		11	
1/4	1,092.36	1/4	831.32	1/4	570.68	1/4	309.64	1/4	49.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,086.92	1/2	825.89	1/2	565.24	1/2	304.21	1/2	43.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,081.48	3/4	820.46	3/4	559.81	3/4	298.77	3/4	38.95	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT
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