



BARGE "IB 1108"

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"

May 8, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1108"

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	0	3,759.36	0	3,504.90	0	3,250.43	0	2,995.96	0	2,717.33	0	2,419.83	0	2,122.35	0	1,824.84		
1/4	1/4	1/4	3,754.06	1/4	3,499.59	1/4	3,245.13	1/4	2,990.66	1/4	2,711.14	1/4	2,413.64	1/4	2,116.15	1/4	1,818.64		
1/2	1/2	1/2	3,748.76	1/2	3,494.29	1/2	3,239.83	1/2	2,985.36	1/2	2,704.94	1/2	2,407.44	1/2	2,109.95	1/2	1,812.45		
3/4	0 3/4	3/4	3,977.48	3/4	3,743.46	3/4	3,488.99	3/4	3,234.52	3/4	2,980.06	3/4	2,698.74	3/4	2,401.24	3/4	2,103.75	3/4	1,806.25
1	1	1	3,975.35	1	3,738.16	1	3,483.69	1	3,229.22	1	2,974.76	1	2,692.54	1	2,395.04	1	2,097.55	1	1,800.05
1/4	1/4	1/4	3,973.21	1/4	3,732.86	1/4	3,478.39	1/4	3,223.92	1/4	2,969.45	1/4	2,686.34	1/4	2,388.85	1/4	2,091.36	1/4	1,793.85
1/2	1/2	1/2	3,971.08	1/2	3,727.56	1/2	3,473.09	1/2	3,218.62	1/2	2,964.15	1/2	2,680.15	1/2	2,382.65	1/2	2,085.16	1/2	1,787.65
3/4	3/4	3/4	3,968.95	3/4	3,722.25	3/4	3,467.79	3/4	3,213.32	3/4	2,958.85	3/4	2,673.95	3/4	2,376.45	3/4	2,078.96	3/4	1,781.46
2	2	2	3,965.24	2	3,716.95	2	3,462.49	2	3,208.02	2	2,953.55	2	2,667.75	2	2,370.26	2	2,072.76	2	1,775.26
1/4	1/4	1/4	3,961.53	1/4	3,711.65	1/4	3,457.18	1/4	3,202.72	1/4	2,948.25	1/4	2,661.55	1/4	2,364.06	1/4	2,066.56	1/4	1,769.06
1/2	1/2	1/2	3,957.83	1/2	3,706.35	1/2	3,451.88	1/2	3,197.42	1/2	2,942.95	1/2	2,655.35	1/2	2,357.86	1/2	2,060.37	1/2	1,762.86
3/4	3/4	3/4	3,954.12	3/4	3,701.05	3/4	3,446.58	3/4	3,192.11	3/4	2,937.65	3/4	2,649.16	3/4	2,351.66	3/4	2,054.17	3/4	1,756.66
3	3	3	3,949.14	3	3,695.75	3	3,441.28	3	3,186.81	3	2,932.35	3	2,642.96	3	2,345.47	3	2,047.97	3	1,750.47
1/4	1/4	1/4	3,944.16	1/4	3,690.45	1/4	3,435.98	1/4	3,181.51	1/4	2,927.04	1/4	2,636.76	1/4	2,339.27	1/4	2,041.77	1/4	1,744.27
1/2	1/2	1/2	3,939.18	1/2	3,685.14	1/2	3,430.68	1/2	3,176.21	1/2	2,921.74	1/2	2,630.56	1/2	2,333.07	1/2	2,035.57	1/2	1,738.07
3/4	3/4	3/4	3,934.20	3/4	3,679.84	3/4	3,425.38	3/4	3,170.91	3/4	2,916.44	3/4	2,624.36	3/4	2,326.87	3/4	2,029.38	3/4	1,731.87
4	4	4	3,928.92	4	3,674.54	4	3,420.07	4	3,165.61	4	2,911.15	4	2,618.17	4	2,320.68	4	2,023.18	4	1,725.67
1/4	1/4	1/4	3,923.64	1/4	3,669.24	1/4	3,414.77	1/4	3,160.31	1/4	2,905.85	1/4	2,611.97	1/4	2,314.48	1/4	2,016.98	1/4	1,719.48
1/2	1/2	1/2	3,918.36	1/2	3,663.94	1/2	3,409.47	1/2	3,155.00	1/2	2,900.56	1/2	2,605.77	1/2	2,308.28	1/2	2,010.78	1/2	1,713.28
3/4	3/4	3/4	3,913.09	3/4	3,658.64	3/4	3,404.17	3/4	3,149.70	3/4	2,895.26	3/4	2,599.57	3/4	2,302.09	3/4	2,004.58	3/4	1,707.08
5	5	5	3,907.79	5	3,653.34	5	3,398.87	5	3,144.40	5	2,889.52	5	2,593.37	5	2,295.89	5	1,998.39	5	1,700.89
1/4	1/4	1/4	3,902.49	1/4	3,648.03	1/4	3,393.57	1/4	3,139.10	1/4	2,883.77	1/4	2,587.18	1/4	2,289.69	1/4	1,992.19	1/4	1,694.70
1/2	1/2	1/2	3,897.20	1/2	3,642.73	1/2	3,388.27	1/2	3,133.80	1/2	2,878.03	1/2	2,580.98	1/2	2,283.49	1/2	1,985.99	1/2	1,688.51
3/4	3/4	3/4	3,891.90	3/4	3,637.43	3/4	3,382.96	3/4	3,128.50	3/4	2,872.28	3/4	2,574.78	3/4	2,277.30	3/4	1,979.79	3/4	1,682.32
6	6	6	3,886.60	6	3,632.13	6	3,377.66	6	3,123.20	6	2,866.09	6	2,568.58	6	2,271.10	6	1,973.59	6	1,676.13
1/4	1/4	1/4	3,881.30	1/4	3,626.83	1/4	3,372.36	1/4	3,117.89	1/4	2,859.89	1/4	2,562.38	1/4	2,264.90	1/4	1,967.40	1/4	1,669.95
1/2	1/2	1/2	3,876.00	1/2	3,621.53	1/2	3,367.06	1/2	3,112.59	1/2	2,853.69	1/2	2,556.19	1/2	2,258.70	1/2	1,961.20	1/2	1,663.77
3/4	3/4	3/4	3,870.69	3/4	3,616.23	3/4	3,361.76	3/4	3,107.29	3/4	2,847.49	3/4	2,549.99	3/4	2,252.50	3/4	1,955.00	3/4	1,657.58
7	7	7	3,865.39	7	3,610.92	7	3,356.46	7	3,101.99	7	2,841.29	7	2,543.79	7	2,246.31	7	1,948.80	7	1,651.40
1/4	1/4	1/4	3,860.09	1/4	3,605.62	1/4	3,351.16	1/4	3,096.69	1/4	2,835.10	1/4	2,537.59	1/4	2,240.11	1/4	1,942.60	1/4	1,645.22
1/2	1/2	1/2	3,854.79	1/2	3,600.32	1/2	3,345.85	1/2	3,091.39	1/2	2,828.90	1/2	2,531.39	1/2	2,233.91	1/2	1,936.41	1/2	1,639.03
3/4	3/4	3/4	3,849.49	3/4	3,595.02	3/4	3,340.55	3/4	3,086.09	3/4	2,822.70	3/4	2,525.20	3/4	2,227.71	3/4	1,930.21	3/4	1,632.85
8	8	8	3,844.19	8	3,589.72	8	3,335.25	8	3,080.78	8	2,816.50	8	2,519.00	8	2,221.51	8	1,924.01	8	1,626.67
1/4	1/4	1/4	3,838.88	1/4	3,584.42	1/4	3,329.95	1/4	3,075.48	1/4	2,810.30	1/4	2,512.80	1/4	2,215.32	1/4	1,917.81	1/4	1,620.48
1/2	1/2	1/2	3,833.58	1/2	3,579.12	1/2	3,324.65	1/2	3,070.18	1/2	2,804.11	1/2	2,506.60	1/2	2,209.12	1/2	1,911.61	1/2	1,614.30
3/4	3/4	3/4	3,828.28	3/4	3,573.81	3/4	3,319.35	3/4	3,064.88	3/4	2,797.91	3/4	2,500.40	3/4	2,202.92	3/4	1,905.42	3/4	1,608.11
9	9	9	3,822.98	9	3,568.51	9	3,314.05	9	3,059.58	9	2,791.71	9	2,494.21	9	2,196.72	9	1,899.22	9	1,601.93
1/4	1/4	1/4	3,817.68	1/4	3,563.21	1/4	3,308.74	1/4	3,054.28	1/4	2,785.51	1/4	2,488.01	1/4	2,190.52	1/4	1,893.02	1/4	1,595.75
1/2	1/2	1/2	3,812.38	1/2	3,557.91	1/2	3,303.44	1/2	3,048.98	1/2	2,779.31	1/2	2,481.81	1/2	2,184.33	1/2	1,886.82	1/2	1,589.56
3/4	3/4	3/4	3,807.08	3/4	3,552.61	3/4	3,298.14	3/4	3,043.67	3/4	2,773.12	3/4	2,475.61	3/4	2,178.13	3/4	1,880.62	3/4	1,583.38
10	10	10	3,801.77	10	3,547.31	10	3,292.84	10	3,038.37	10	2,766.92	10	2,469.41	10	2,171.93	10	1,874.43	10	1,577.20
1/4	1/4	1/4	3,796.47	1/4	3,542.01	1/4	3,287.54	1/4	3,033.07	1/4	2,760.72	1/4	2,463.22	1/4	2,165.73	1/4	1,868.23	1/4	1,571.01
1/2	1/2	1/2	3,791.17	1/2	3,536.70	1/2	3,282.24	1/2	3,027.77	1/2	2,754.52	1/2	2,457.02	1/2	2,159.53	1/2	1,862.03	1/2	1,564.83
3/4	3/4	3/4	3,785.87	3/4	3,531.40	3/4	3,276.94	3/4	3,022.47	3/4	2,748.32	3/4	2,450.82	3/4	2,153.34	3/4	1,855.83	3/4	1,558.64
11	11	11	3,780.57	11	3,526.10	11	3,271.63	11	3,017.17	11	2,742.13	11	2,444.62	11	2,147.14	11	1,849.63	11	1,552.46
1/4	1/4	1/4	3,775.27	1/4	3,520.80	1/4	3,266.33	1/4	3,011.87	1/4	2,735.93	1/4	2,438.43	1/4	2,140.94	1/4	1,843.44	1/4	1,546.28
1/2	1/2	1/2	3,769.97	1/2	3,515.50	1/2	3,261.03	1/2	3,006.56	1/2	2,729.73	1/2	2,432.23	1/2	2,134.74	1/2	1,837.24	1/2	1,540.09
3/4	3/4	3/4	3,764.66	3/4	3,510.20	3/4	3,255.73	3/4	3,001.26	3/4	2,723.53	3/4	2,426.03	3/4	2,128.54	3/4	1,831.04	3/4	1,533.91

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
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BARGE "IB 1108"

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	1,527.73	0	1,230.51	0	933.60	0	641.72	0	344.20	0	47.81	0		0		0		0	
1/4	1,521.54	1/4	1,224.32	1/4	927.56	1/4	635.52	1/4	338.01	1/4	42.19	1/4		1/4		1/4		1/4	
1/2	1,515.36	1/2	1,218.12	1/2	921.51	1/2	629.32	1/2	331.81	1/2	36.56	1/2		1/2		1/2		1/2	
3/4	1,509.17	3/4	1,211.93	3/4	915.46	3/4	623.12	3/4	325.61	3/4	30.94	3/4		3/4		3/4		3/4	
1	1,502.99	1	1,205.73	1	909.42	1	616.93	1	319.41	1	26.80	1		1		1		1	
1/4	1,496.81	1/4	1,199.54	1/4	903.37	1/4	610.73	1/4	313.21	1/4	22.67	1/4		1/4		1/4		1/4	
1/2	1,490.62	1/2	1,193.34	1/2	897.32	1/2	604.53	1/2	307.01	1/2	18.53	1/2		1/2		1/2		1/2	
3/4	1,484.44	3/4	1,187.15	3/4	891.28	3/4	598.33	3/4	300.81	3/4	14.40	3/4		3/4		3/4		3/4	
2	1,478.26	2	1,180.95	2	885.23	2	592.13	2	294.62	2	12.33	2		2		2		2	
1/4	1,472.07	1/4	1,174.76	1/4	879.19	1/4	585.93	1/4	288.42	1/4	10.26	1/4		1/4		1/4		1/4	
1/2	1,465.89	1/2	1,168.57	1/2	873.14	1/2	579.74	1/2	282.22	1/2	8.19	1/2		1/2		1/2		1/2	
3/4	1,459.71	3/4	1,162.37	3/4	867.09	3/4	573.54	3/4	276.02	3/4	6.12	3/4		3/4		3/4		3/4	
3	1,453.52	3	1,156.18	3	861.05	3	567.34	3	269.82	3		3		3		3		3	
1/4	1,447.33	1/4	1,149.98	1/4	855.00	1/4	561.14	1/4	263.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,441.14	1/2	1,143.79	1/2	848.96	1/2	554.94	1/2	257.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,434.95	3/4	1,137.59	3/4	842.91	3/4	548.74	3/4	251.23	3/4		3/4		3/4		3/4		3/4	
4	1,428.75	4	1,131.40	4	836.86	4	542.55	4	245.03	4		4		4		4		4	
1/4	1,422.56	1/4	1,125.20	1/4	830.82	1/4	536.35	1/4	238.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,416.36	1/2	1,119.01	1/2	824.77	1/2	530.15	1/2	232.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,410.17	3/4	1,112.81	3/4	818.73	3/4	523.95	3/4	226.42	3/4		3/4		3/4		3/4		3/4	
5	1,403.97	5	1,106.62	5	812.68	5	517.75	5	220.22	5		5		5		5		5	
1/4	1,397.78	1/4	1,100.42	1/4	806.63	1/4	511.56	1/4	214.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,391.58	1/2	1,094.23	1/2	800.59	1/2	505.36	1/2	207.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,385.39	3/4	1,088.03	3/4	794.54	3/4	499.16	3/4	201.60	3/4		3/4		3/4		3/4		3/4	
6	1,379.19	6	1,081.84	6	788.50	6	492.96	6	195.40	6		6		6		6		6	
1/4	1,373.00	1/4	1,075.64	1/4	782.45	1/4	486.76	1/4	189.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,366.80	1/2	1,069.45	1/2	776.40	1/2	480.56	1/2	183.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,360.61	3/4	1,063.25	3/4	770.36	3/4	474.37	3/4	176.79	3/4		3/4		3/4		3/4		3/4	
7	1,354.41	7	1,057.06	7	764.31	7	468.17	7	170.59	7		7		7		7		7	
1/4	1,348.22	1/4	1,050.86	1/4	758.27	1/4	461.97	1/4	164.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,342.02	1/2	1,044.67	1/2	752.22	1/2	455.77	1/2	158.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,335.83	3/4	1,038.47	3/4	746.17	3/4	449.57	3/4	152.00	3/4		3/4		3/4		3/4		3/4	
8	1,329.63	8	1,032.28	8	740.13	8	443.38	8	145.80	8		8		8		8		8	
1/4	1,323.44	1/4	1,026.08	1/4	734.08	1/4	437.18	1/4	139.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,317.24	1/2	1,019.89	1/2	728.04	1/2	430.98	1/2	133.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,311.05	3/4	1,013.69	3/4	721.99	3/4	424.78	3/4	127.22	3/4		3/4		3/4		3/4		3/4	
9	1,304.85	9	1,007.50	9	715.87	9	418.58	9	121.04	9		9		9		9		9	
1/4	1,298.66	1/4	1,001.30	1/4	709.75	1/4	412.38	1/4	114.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,292.46	1/2	995.11	1/2	703.62	1/2	406.19	1/2	108.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,286.27	3/4	988.91	3/4	697.50	3/4	399.99	3/4	102.49	3/4		3/4		3/4		3/4		3/4	
10	1,280.07	10	982.72	10	691.30	10	393.79	10	96.34	10		10		10		10		10	
1/4	1,273.88	1/4	976.52	1/4	685.11	1/4	387.59	1/4	90.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,267.68	1/2	970.33	1/2	678.91	1/2	381.39	1/2	84.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,261.49	3/4	964.13	3/4	672.71	3/4	375.20	3/4	77.87	3/4		3/4		3/4		3/4		3/4	
11	1,255.29	11	958.01	11	666.51	11	369.00	11	71.76	11		11		11		11		11	
1/4	1,249.10	1/4	951.89	1/4	660.31	1/4	362.80	1/4	65.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,242.90	1/2	945.77	1/2	654.11	1/2	356.60	1/2	59.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,236.71	3/4	939.65	3/4	647.92	3/4	350.40	3/4	53.43	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/07/2018 CL
CALCULATED: 05/08/2018 CL
PRINTED: 05/08/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "IB 1108"

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	0	3,445.39	0	3,181.98	0	2,918.57	0	2,655.16	0	2,391.75	0	2,128.34	0	1,864.93	0	1,601.52		
1/4	0 1/4	3,683.63	3,439.90	1/4	3,176.49	1/4	2,913.08	1/4	2,649.67	1/4	2,386.26	1/4	2,122.85	1/4	1,859.45	1/4	1,596.04		
1/2	1/2	3,681.35	3,434.42	1/2	3,171.01	1/2	2,907.60	1/2	2,644.19	1/2	2,380.78	1/2	2,117.37	1/2	1,853.96	1/2	1,590.55		
3/4	3/4	3,679.06	3,428.93	3/4	3,165.52	3/4	2,902.11	3/4	2,638.70	3/4	2,375.29	3/4	2,111.88	3/4	1,848.47	3/4	1,585.06		
1	1	3,676.77	3,423.44	1	3,160.03	1	2,896.62	1	2,633.21	1	2,369.80	1	2,106.39	1	1,842.98	1	1,579.57		
1/4	1/4	3,674.49	3,417.95	1/4	3,154.54	1/4	2,891.13	1/4	2,627.72	1/4	2,364.31	1/4	2,100.90	1/4	1,837.49	1/4	1,574.08		
1/2	1/2	3,670.41	3,412.46	1/2	3,149.05	1/2	2,885.64	1/2	2,622.24	1/2	2,358.83	1/2	2,095.42	1/2	1,832.01	1/2	1,568.60		
3/4	3/4	3,666.33	3,406.98	3/4	3,143.57	3/4	2,880.16	3/4	2,616.75	3/4	2,353.34	3/4	2,089.93	3/4	1,826.52	3/4	1,563.11		
2	2	3,662.25	3,401.49	2	3,138.08	2	2,874.67	2	2,611.26	2	2,347.85	2	2,084.44	2	1,821.03	2	1,557.62		
1/4	1/4	3,658.17	3,396.00	1/4	3,132.59	1/4	2,869.18	1/4	2,605.77	1/4	2,342.36	1/4	2,078.95	1/4	1,815.54	1/4	1,552.13		
1/2	1/2	3,652.97	3,390.51	1/2	3,127.10	1/2	2,863.69	1/2	2,600.28	1/2	2,336.87	1/2	2,073.47	1/2	1,810.06	1/2	1,546.65		
3/4	3/4	3,647.76	3,385.03	3/4	3,121.62	3/4	2,858.21	3/4	2,594.80	3/4	2,331.39	3/4	2,067.98	3/4	1,804.57	3/4	1,541.16		
3	3	3,642.56	3,379.54	3	3,116.13	3	2,852.72	3	2,589.31	3	2,325.90	3	2,062.49	3	1,799.08	3	1,535.67		
1/4	1/4	3,637.35	3,374.05	1/4	3,110.64	1/4	2,847.23	1/4	2,583.82	1/4	2,320.41	1/4	2,057.00	1/4	1,793.59	1/4	1,530.18		
1/2	1/2	3,631.89	3,368.56	1/2	3,105.15	1/2	2,841.74	1/2	2,578.33	1/2	2,314.92	1/2	2,051.51	1/2	1,788.10	1/2	1,524.70		
3/4	3/4	3,626.42	3,363.07	3/4	3,099.67	3/4	2,836.26	3/4	2,572.85	3/4	2,309.44	3/4	2,046.03	3/4	1,782.62	3/4	1,519.21		
4	4	3,620.95	3,357.59	4	3,094.18	4	2,830.77	4	2,567.36	4	2,303.95	4	2,040.54	4	1,777.13	4	1,513.72		
1/4	1/4	3,615.49	3,352.10	1/4	3,088.69	1/4	2,825.28	1/4	2,561.87	1/4	2,298.46	1/4	2,035.05	1/4	1,771.64	1/4	1,508.23		
1/2	1/2	3,610.00	3,346.61	1/2	3,083.20	1/2	2,819.79	1/2	2,556.38	1/2	2,292.97	1/2	2,029.56	1/2	1,766.15	1/2	1,502.74		
3/4	3/4	3,604.52	3,341.12	3/4	3,077.71	3/4	2,814.30	3/4	2,550.90	3/4	2,287.49	3/4	2,024.08	3/4	1,760.67	3/4	1,497.26		
5	5	3,599.04	3,335.64	5	3,072.23	5	2,808.82	5	2,545.41	5	2,282.00	5	2,018.59	5	1,755.18	5	1,491.77		
1/4	1/4	3,593.56	3,330.15	1/4	3,066.74	1/4	2,803.33	1/4	2,539.92	1/4	2,276.51	1/4	2,013.10	1/4	1,749.69	1/4	1,486.28		
1/2	1/2	3,588.07	3,324.66	1/2	3,061.25	1/2	2,797.84	1/2	2,534.43	1/2	2,271.02	1/2	2,007.61	1/2	1,744.20	1/2	1,480.79		
3/4	3/4	3,582.58	3,319.17	3/4	3,055.76	3/4	2,792.35	3/4	2,528.94	3/4	2,265.53	3/4	2,002.13	3/4	1,738.72	3/4	1,475.31		
6	6	3,577.09	3,313.69	6	3,050.28	6	2,786.87	6	2,523.46	6	2,260.05	6	1,996.64	6	1,733.23	6	1,469.82		
1/4	1/4	3,571.61	3,308.20	1/4	3,044.79	1/4	2,781.38	1/4	2,517.97	1/4	2,254.56	1/4	1,991.15	1/4	1,727.74	1/4	1,464.33		
1/2	1/2	3,566.12	3,302.71	1/2	3,039.30	1/2	2,775.89	1/2	2,512.48	1/2	2,249.07	1/2	1,985.66	1/2	1,722.25	1/2	1,458.84		
3/4	3/4	3,560.63	3,297.22	3/4	3,033.81	3/4	2,770.40	3/4	2,506.99	3/4	2,243.58	3/4	1,980.17	3/4	1,716.76	3/4	1,453.36		
7	7	3,555.14	3,291.73	7	3,028.33	7	2,764.92	7	2,501.51	7	2,238.10	7	1,974.69	7	1,711.28	7	1,447.87		
1/4	1/4	3,549.66	3,286.25	1/4	3,022.84	1/4	2,759.43	1/4	2,496.02	1/4	2,232.61	1/4	1,969.20	1/4	1,705.79	1/4	1,442.38		
1/2	1/2	3,544.17	3,280.76	1/2	3,017.35	1/2	2,753.94	1/2	2,490.53	1/2	2,227.12	1/2	1,963.71	1/2	1,700.30	1/2	1,436.89		
3/4	3/4	3,538.68	3,275.27	3/4	3,011.86	3/4	2,748.45	3/4	2,485.04	3/4	2,221.63	3/4	1,958.22	3/4	1,694.81	3/4	1,431.40		
8	8	3,533.19	3,269.78	8	3,006.37	8	2,742.96	8	2,479.56	8	2,216.15	8	1,952.74	8	1,689.33	8	1,425.92		
1/4	1/4	3,527.71	3,264.30	1/4	3,000.89	1/4	2,737.48	1/4	2,474.07	1/4	2,210.66	1/4	1,947.25	1/4	1,683.84	1/4	1,420.43		
1/2	1/2	3,522.22	3,258.81	1/2	2,995.40	1/2	2,731.99	1/2	2,468.58	1/2	2,205.17	1/2	1,941.76	1/2	1,678.35	1/2	1,414.94		
3/4	3/4	3,516.73	3,253.32	3/4	2,989.91	3/4	2,726.50	3/4	2,463.09	3/4	2,199.68	3/4	1,936.27	3/4	1,672.86	3/4	1,409.45		
9	9	3,511.24	3,247.83	9	2,984.42	9	2,721.01	9	2,457.60	9	2,194.19	9	1,930.79	9	1,667.38	9	1,403.97		
1/4	1/4	3,505.76	3,242.35	1/4	2,978.94	1/4	2,715.53	1/4	2,452.12	1/4	2,188.71	1/4	1,925.30	1/4	1,661.89	1/4	1,398.48		
1/2	1/2	3,500.27	3,236.86	1/2	2,973.45	1/2	2,710.04	1/2	2,446.63	1/2	2,183.22	1/2	1,919.81	1/2	1,656.40	1/2	1,392.99		
3/4	3/4	3,494.78	3,231.37	3/4	2,967.96	3/4	2,704.55	3/4	2,441.14	3/4	2,177.73	3/4	1,914.32	3/4	1,650.91	3/4	1,387.50		
10	10	3,489.29	3,225.88	10	2,962.47	10	2,699.06	10	2,435.65	10	2,172.24	10	1,908.83	10	1,645.42	10	1,382.02		
1/4	1/4	3,483.80	3,220.39	1/4	2,956.99	1/4	2,693.58	1/4	2,430.17	1/4	2,166.76	1/4	1,903.35	1/4	1,639.94	1/4	1,376.53		
1/2	1/2	3,478.32	3,214.91	1/2	2,951.50	1/2	2,688.09	1/2	2,424.68	1/2	2,161.27	1/2	1,897.86	1/2	1,634.45	1/2	1,371.04		
3/4	3/4	3,472.83	3,209.42	3/4	2,946.01	3/4	2,682.60	3/4	2,419.19	3/4	2,155.78	3/4	1,892.37	3/4	1,628.96	3/4	1,365.55		
11	11	3,467.34	3,203.93	11	2,940.52	11	2,677.11	11	2,413.70	11	2,150.29	11	1,886.88	11	1,623.47	11	1,360.06		
1/4	1/4	3,461.85	3,198.44	1/4	2,935.03	1/4	2,671.62	1/4	2,408.22	1/4	2,144.81	1/4	1,881.40	1/4	1,617.99	1/4	1,354.58		
1/2	1/2	3,456.37	3,192.96	1/2	2,929.55	1/2	2,666.14	1/2	2,402.73	1/2	2,139.32	1/2	1,875.91	1/2	1,612.50	1/2	1,349.09		
3/4	3/4	3,450.88	3,187.47	3/4	2,924.06	3/4	2,660.65	3/4	2,397.24	3/4	2,133.83	3/4	1,870.42	3/4	1,607.01	3/4	1,343.60		

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 1108"

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	1,338.11	0	1,074.70	0	812.04	0	553.89	0	290.49	0	29.36	0		0		0		0	
1/4	1,332.63	1/4	1,069.22	1/4	806.70	1/4	548.40	1/4	285.00	1/4	24.39	1/4		1/4		1/4		1/4	
1/2	1,327.14	1/2	1,063.73	1/2	801.36	1/2	542.91	1/2	279.51	1/2	20.73	1/2		1/2		1/2		1/2	
3/4	1,321.65	3/4	1,058.24	3/4	796.02	3/4	537.43	3/4	274.03	3/4	17.08	3/4		3/4		3/4		3/4	
1	1,316.16	1	1,052.75	1	790.68	1	531.94	1	268.54	1	13.43	1		1		1		1	
1/4	1,310.68	1/4	1,047.27	1/4	785.35	1/4	526.45	1/4	263.05	1/4	9.77	1/4		1/4		1/4		1/4	
1/2	1,305.19	1/2	1,041.78	1/2	780.01	1/2	520.96	1/2	257.56	1/2	7.94	1/2		1/2		1/2		1/2	
3/4	1,299.70	3/4	1,036.29	3/4	774.67	3/4	515.48	3/4	252.08	3/4	6.11	3/4		3/4		3/4		3/4	
2	1,294.21	2	1,030.80	2	769.33	2	509.99	2	246.59	2	4.28	2		2		2		2	
1/4	1,288.72	1/4	1,025.31	1/4	764.00	1/4	504.50	1/4	241.10	1/4	2.46	1/4		1/4		1/4		1/4	
1/2	1,283.24	1/2	1,019.83	1/2	758.66	1/2	499.01	1/2	235.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,277.75	3/4	1,014.34	3/4	753.32	3/4	493.53	3/4	230.13	3/4		3/4		3/4		3/4		3/4	
3	1,272.26	3	1,008.85	3	747.98	3	488.04	3	224.64	3		3		3		3		3	
1/4	1,266.77	1/4	1,003.36	1/4	742.65	1/4	482.55	1/4	219.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,261.29	1/2	997.88	1/2	737.31	1/2	477.06	1/2	213.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,255.80	3/4	992.39	3/4	731.97	3/4	471.58	3/4	208.18	3/4		3/4		3/4		3/4		3/4	
4	1,250.31	4	986.90	4	726.63	4	466.09	4	202.69	4		4		4		4		4	
1/4	1,244.82	1/4	981.41	1/4	721.30	1/4	460.60	1/4	197.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.33	1/2	975.93	1/2	715.96	1/2	455.11	1/2	191.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.85	3/4	970.44	3/4	710.62	3/4	449.63	3/4	186.23	3/4		3/4		3/4		3/4		3/4	
5	1,228.36	5	964.95	5	705.28	5	444.14	5	180.74	5		5		5		5		5	
1/4	1,222.87	1/4	959.46	1/4	699.95	1/4	438.65	1/4	175.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,217.38	1/2	953.97	1/2	694.61	1/2	433.16	1/2	169.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,211.90	3/4	948.49	3/4	689.27	3/4	427.68	3/4	164.28	3/4		3/4		3/4		3/4		3/4	
6	1,206.41	6	943.00	6	683.94	6	422.19	6	158.79	6		6		6		6		6	
1/4	1,200.92	1/4	937.51	1/4	678.60	1/4	416.70	1/4	153.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,195.43	1/2	932.02	1/2	673.26	1/2	411.21	1/2	147.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,189.95	3/4	926.54	3/4	667.92	3/4	405.73	3/4	142.34	3/4		3/4		3/4		3/4		3/4	
7	1,184.46	7	921.05	7	662.59	7	400.24	7	136.85	7		7		7		7		7	
1/4	1,178.97	1/4	915.56	1/4	657.25	1/4	394.75	1/4	131.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,173.48	1/2	910.07	1/2	651.91	1/2	389.26	1/2	125.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,167.99	3/4	904.59	3/4	646.57	3/4	383.78	3/4	120.42	3/4		3/4		3/4		3/4		3/4	
8	1,162.51	8	899.10	8	641.24	8	378.29	8	114.94	8		8		8		8		8	
1/4	1,157.02	1/4	893.61	1/4	635.90	1/4	372.80	1/4	109.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,151.53	1/2	888.12	1/2	630.49	1/2	367.31	1/2	104.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,146.04	3/4	882.63	3/4	625.07	3/4	361.83	3/4	98.54	3/4		3/4		3/4		3/4		3/4	
9	1,140.56	9	877.15	9	619.66	9	356.34	9	93.08	9		9		9		9		9	
1/4	1,135.07	1/4	871.66	1/4	614.25	1/4	350.85	1/4	87.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,129.58	1/2	866.17	1/2	608.76	1/2	345.36	1/2	82.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,124.09	3/4	860.68	3/4	603.28	3/4	339.88	3/4	76.74	3/4		3/4		3/4		3/4		3/4	
10	1,118.61	10	855.20	10	597.79	10	334.39	10	71.30	10		10		10		10		10	
1/4	1,113.12	1/4	849.71	1/4	592.30	1/4	328.90	1/4	65.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,107.63	1/2	844.29	1/2	586.81	1/2	323.41	1/2	60.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,102.14	3/4	838.88	3/4	581.33	3/4	317.93	3/4	55.06	3/4		3/4		3/4		3/4		3/4	
11	1,096.65	11	833.47	11	575.84	11	312.44	11	49.67	11		11		11		11		11	
1/4	1,091.17	1/4	828.06	1/4	570.35	1/4	306.95	1/4	44.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,085.68	1/2	822.72	1/2	564.86	1/2	301.46	1/2	39.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,080.19	3/4	817.38	3/4	559.38	3/4	295.98	3/4	34.33	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/07/2018 CL
CALCULATED: 05/08/2018 CL
PRINTED: 05/08/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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



BARGE "IB 1108"

3 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	0	3,430.78	0	3,169.74	0	2,908.70	0	2,647.66	0	2,386.63	0	2,125.59	0	1,864.55	0	1,603.51		
1/4	1/4	1/4	3,425.34	1/4	3,164.30	1/4	2,903.26	1/4	2,642.23	1/4	2,381.19	1/4	2,120.15	1/4	1,859.11	1/4	1,598.07		
1/2	1/2	1/2	3,419.90	1/2	3,158.86	1/2	2,897.83	1/2	2,636.79	1/2	2,375.75	1/2	2,114.71	1/2	1,853.67	1/2	1,592.63		
3/4	0 3/4	3/4	3,655.99	3/4	3,414.46	3/4	3,153.43	3/4	2,892.39	3/4	2,631.35	3/4	2,370.31	3/4	2,109.27	3/4	1,848.23	3/4	1,587.19
1	1	1	3,653.73	1	3,409.03	1	3,147.99	1	2,886.95	1	2,625.91	1	2,364.87	1	2,103.83	1	1,842.80	1	1,581.76
1/4	1/4	1/4	3,651.46	1/4	3,403.59	1/4	3,142.55	1/4	2,881.51	1/4	2,620.47	1/4	2,359.43	1/4	2,098.40	1/4	1,837.36	1/4	1,576.32
1/2	1/2	1/2	3,649.19	1/2	3,398.15	1/2	3,137.11	1/2	2,876.07	1/2	2,615.03	1/2	2,354.00	1/2	2,092.96	1/2	1,831.92	1/2	1,570.88
3/4	3/4	3/4	3,646.93	3/4	3,392.71	3/4	3,131.67	3/4	2,870.63	3/4	2,609.60	3/4	2,348.56	3/4	2,087.52	3/4	1,826.48	3/4	1,565.44
2	2	2	3,642.89	2	3,387.27	2	3,126.23	2	2,865.20	2	2,604.16	2	2,343.12	2	2,082.08	2	1,821.04	2	1,560.00
1/4	1/4	1/4	3,638.85	1/4	3,381.83	1/4	3,120.80	1/4	2,859.76	1/4	2,598.72	1/4	2,337.68	1/4	2,076.64	1/4	1,815.60	1/4	1,554.57
1/2	1/2	1/2	3,634.81	1/2	3,376.40	1/2	3,115.36	1/2	2,854.32	1/2	2,593.28	1/2	2,332.24	1/2	2,071.20	1/2	1,810.17	1/2	1,549.13
3/4	3/4	3/4	3,630.76	3/4	3,370.96	3/4	3,109.92	3/4	2,848.88	3/4	2,587.84	3/4	2,326.80	3/4	2,065.77	3/4	1,804.73	3/4	1,543.69
3	3	3	3,625.61	3	3,365.52	3	3,104.48	3	2,843.44	3	2,582.40	3	2,321.37	3	2,060.33	3	1,799.29	3	1,538.25
1/4	1/4	1/4	3,620.45	1/4	3,360.08	1/4	3,099.04	1/4	2,838.00	1/4	2,576.97	1/4	2,315.93	1/4	2,054.89	1/4	1,793.85	1/4	1,532.81
1/2	1/2	1/2	3,615.29	1/2	3,354.64	1/2	3,093.60	1/2	2,832.57	1/2	2,571.53	1/2	2,310.49	1/2	2,049.45	1/2	1,788.41	1/2	1,527.37
3/4	3/4	3/4	3,610.13	3/4	3,349.20	3/4	3,088.17	3/4	2,827.13	3/4	2,566.09	3/4	2,305.05	3/4	2,044.01	3/4	1,782.97	3/4	1,521.94
4	4	4	3,604.71	4	3,343.77	4	3,082.73	4	2,821.69	4	2,560.65	4	2,299.61	4	2,038.57	4	1,777.54	4	1,516.50
1/4	1/4	1/4	3,599.30	1/4	3,338.33	1/4	3,077.29	1/4	2,816.25	1/4	2,555.21	1/4	2,294.17	1/4	2,033.14	1/4	1,772.10	1/4	1,511.06
1/2	1/2	1/2	3,593.88	1/2	3,332.89	1/2	3,071.85	1/2	2,810.81	1/2	2,549.77	1/2	2,288.74	1/2	2,027.70	1/2	1,766.66	1/2	1,505.62
3/4	3/4	3/4	3,588.46	3/4	3,327.45	3/4	3,066.41	3/4	2,805.37	3/4	2,544.34	3/4	2,283.30	3/4	2,022.26	3/4	1,761.22	3/4	1,500.18
5	5	5	3,583.03	5	3,322.01	5	3,060.97	5	2,799.94	5	2,538.90	5	2,277.86	5	2,016.82	5	1,755.78	5	1,494.74
1/4	1/4	1/4	3,577.59	1/4	3,316.57	1/4	3,055.54	1/4	2,794.50	1/4	2,533.46	1/4	2,272.42	1/4	2,011.38	1/4	1,750.34	1/4	1,489.31
1/2	1/2	1/2	3,572.16	1/2	3,311.14	1/2	3,050.10	1/2	2,789.06	1/2	2,528.02	1/2	2,266.98	1/2	2,005.94	1/2	1,744.91	1/2	1,483.87
3/4	3/4	3/4	3,566.73	3/4	3,305.70	3/4	3,044.66	3/4	2,783.62	3/4	2,522.58	3/4	2,261.54	3/4	2,000.51	3/4	1,739.47	3/4	1,478.43
6	6	6	3,561.29	6	3,300.26	6	3,039.22	6	2,778.18	6	2,517.14	6	2,256.11	6	1,995.07	6	1,734.03	6	1,472.99
1/4	1/4	1/4	3,555.85	1/4	3,294.82	1/4	3,033.78	1/4	2,772.74	1/4	2,511.71	1/4	2,250.67	1/4	1,989.63	1/4	1,728.59	1/4	1,467.55
1/2	1/2	1/2	3,550.42	1/2	3,289.38	1/2	3,028.34	1/2	2,767.31	1/2	2,506.27	1/2	2,245.23	1/2	1,984.19	1/2	1,723.15	1/2	1,462.11
3/4	3/4	3/4	3,544.98	3/4	3,283.94	3/4	3,022.91	3/4	2,761.87	3/4	2,500.83	3/4	2,239.79	3/4	1,978.75	3/4	1,717.71	3/4	1,456.68
7	7	7	3,539.54	7	3,278.51	7	3,017.47	7	2,756.43	7	2,495.39	7	2,234.35	7	1,973.31	7	1,712.28	7	1,451.24
1/4	1/4	1/4	3,534.11	1/4	3,273.07	1/4	3,012.03	1/4	2,750.99	1/4	2,489.95	1/4	2,228.91	1/4	1,967.88	1/4	1,706.84	1/4	1,445.80
1/2	1/2	1/2	3,528.67	1/2	3,267.63	1/2	3,006.59	1/2	2,745.55	1/2	2,484.51	1/2	2,223.48	1/2	1,962.44	1/2	1,701.40	1/2	1,440.36
3/4	3/4	3/4	3,523.23	3/4	3,262.19	3/4	3,001.15	3/4	2,740.11	3/4	2,479.08	3/4	2,218.04	3/4	1,957.00	3/4	1,695.96	3/4	1,434.92
8	8	8	3,517.79	8	3,256.75	8	2,995.71	8	2,734.68	8	2,473.64	8	2,212.60	8	1,951.56	8	1,690.52	8	1,429.48
1/4	1/4	1/4	3,512.35	1/4	3,251.31	1/4	2,990.28	1/4	2,729.24	1/4	2,468.20	1/4	2,207.16	1/4	1,946.12	1/4	1,685.08	1/4	1,424.05
1/2	1/2	1/2	3,506.91	1/2	3,245.88	1/2	2,984.84	1/2	2,723.80	1/2	2,462.76	1/2	2,201.72	1/2	1,940.68	1/2	1,679.65	1/2	1,418.61
3/4	3/4	3/4	3,501.48	3/4	3,240.44	3/4	2,979.40	3/4	2,718.36	3/4	2,457.32	3/4	2,196.28	3/4	1,935.25	3/4	1,674.21	3/4	1,413.17
9	9	9	3,496.04	9	3,235.00	9	2,973.96	9	2,712.92	9	2,451.88	9	2,190.85	9	1,929.81	9	1,668.77	9	1,407.73
1/4	1/4	1/4	3,490.60	1/4	3,229.56	1/4	2,968.52	1/4	2,707.48	1/4	2,446.45	1/4	2,185.41	1/4	1,924.37	1/4	1,663.33	1/4	1,402.29
1/2	1/2	1/2	3,485.16	1/2	3,224.12	1/2	2,963.08	1/2	2,702.05	1/2	2,441.01	1/2	2,179.97	1/2	1,918.93	1/2	1,657.89	1/2	1,396.85
3/4	3/4	3/4	3,479.72	3/4	3,218.68	3/4	2,957.65	3/4	2,696.61	3/4	2,435.57	3/4	2,174.53	3/4	1,913.49	3/4	1,652.45	3/4	1,391.42
10	10	10	3,474.29	10	3,213.25	10	2,952.21	10	2,691.17	10	2,430.13	10	2,169.09	10	1,908.05	10	1,647.02	10	1,385.98
1/4	1/4	1/4	3,468.85	1/4	3,207.81	1/4	2,946.77	1/4	2,685.73	1/4	2,424.69	1/4	2,163.65	1/4	1,902.62	1/4	1,641.58	1/4	1,380.54
1/2	1/2	1/2	3,463.41	1/2	3,202.37	1/2	2,941.33	1/2	2,680.29	1/2	2,419.25	1/2	2,158.22	1/2	1,897.18	1/2	1,636.14	1/2	1,375.10
3/4	3/4	3/4	3,457.97	3/4	3,196.93	3/4	2,935.89	3/4	2,674.85	3/4	2,413.82	3/4	2,152.78	3/4	1,891.74	3/4	1,630.70	3/4	1,369.66
11	11	11	3,452.53	11	3,191.49	11	2,930.46	11	2,669.42	11	2,408.38	11	2,147.34	11	1,886.30	11	1,625.26	11	1,364.22
1/4	1/4	1/4	3,447.09	1/4	3,186.06	1/4	2,925.02	1/4	2,663.98	1/4	2,402.94	1/4	2,141.90	1/4	1,880.86	1/4	1,619.82	1/4	1,358.79
1/2	1/2	1/2	3,441.66	1/2	3,180.62	1/2	2,919.58	1/2	2,658.54	1/2	2,397.50	1/2	2,136.46	1/2	1,875.42	1/2	1,614.39	1/2	1,353.35
3/4	3/4	3/4	3,436.22	3/4	3,175.18	3/4	2,914.14	3/4	2,653.10	3/4	2,392.06	3/4	2,131.02	3/4	1,869.99	3/4	1,608.95	3/4	1,347.91

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 1108"

3 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	1,342.47	0	1,081.43	0	820.42	0	559.78	0	298.75	0	38.95	0		0		0		0	
1/4	1,337.03	1/4	1,075.99	1/4	814.99	1/4	554.34	1/4	293.32	1/4	34.02	1/4		1/4		1/4		1/4	
1/2	1,331.59	1/2	1,070.56	1/2	809.57	1/2	548.91	1/2	287.88	1/2	29.10	1/2		1/2		1/2		1/2	
3/4	1,326.16	3/4	1,065.12	3/4	804.14	3/4	543.47	3/4	282.44	3/4	24.17	3/4		3/4		3/4		3/4	
1	1,320.72	1	1,059.68	1	798.71	1	538.03	1	277.00	1	20.55	1		1		1		1	
1/4	1,315.28	1/4	1,054.24	1/4	793.28	1/4	532.59	1/4	271.56	1/4	16.93	1/4		1/4		1/4		1/4	
1/2	1,309.84	1/2	1,048.80	1/2	787.85	1/2	527.15	1/2	266.13	1/2	13.31	1/2		1/2		1/2		1/2	
3/4	1,304.40	3/4	1,043.36	3/4	782.42	3/4	521.72	3/4	260.69	3/4	9.69	3/4		3/4		3/4		3/4	
2	1,298.97	2	1,037.93	2	777.00	2	516.28	2	255.25	2	7.88	2		2		2		2	
1/4	1,293.53	1/4	1,032.49	1/4	771.57	1/4	510.84	1/4	249.81	1/4	6.06	1/4		1/4		1/4		1/4	
1/2	1,288.09	1/2	1,027.05	1/2	766.14	1/2	505.40	1/2	244.37	1/2	4.25	1/2		1/2		1/2		1/2	
3/4	1,282.65	3/4	1,021.61	3/4	760.71	3/4	499.96	3/4	238.93	3/4	2.44	3/4		3/4		3/4		3/4	
3	1,277.21	3	1,016.17	3	755.29	3	494.53	3	233.50	3		3		3		3		3	
1/4	1,271.77	1/4	1,010.74	1/4	749.86	1/4	489.09	1/4	228.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,266.34	1/2	1,005.30	1/2	744.43	1/2	483.65	1/2	222.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.90	3/4	999.86	3/4	739.00	3/4	478.21	3/4	217.18	3/4		3/4		3/4		3/4		3/4	
4	1,255.46	4	994.42	4	733.58	4	472.77	4	211.74	4		4		4		4		4	
1/4	1,250.02	1/4	988.98	1/4	728.15	1/4	467.34	1/4	206.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.58	1/2	983.54	1/2	722.72	1/2	461.90	1/2	200.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.14	3/4	978.11	3/4	717.29	3/4	456.46	3/4	195.43	3/4		3/4		3/4		3/4		3/4	
5	1,233.71	5	972.67	5	711.87	5	451.02	5	189.99	5		5		5		5		5	
1/4	1,228.27	1/4	967.23	1/4	706.44	1/4	445.58	1/4	184.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,222.83	1/2	961.79	1/2	701.01	1/2	440.14	1/2	179.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,217.39	3/4	956.35	3/4	695.58	3/4	434.71	3/4	173.68	3/4		3/4		3/4		3/4		3/4	
6	1,211.95	6	950.91	6	690.16	6	429.27	6	168.24	6		6		6		6		6	
1/4	1,206.51	1/4	945.48	1/4	684.73	1/4	423.83	1/4	162.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,201.08	1/2	940.04	1/2	679.30	1/2	418.39	1/2	157.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,195.64	3/4	934.60	3/4	673.87	3/4	412.95	3/4	151.93	3/4		3/4		3/4		3/4		3/4	
7	1,190.20	7	929.16	7	668.45	7	407.52	7	146.49	7		7		7		7		7	
1/4	1,184.76	1/4	923.72	1/4	663.02	1/4	402.08	1/4	141.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,179.32	1/2	918.28	1/2	657.59	1/2	396.64	1/2	135.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,173.88	3/4	912.85	3/4	652.16	3/4	391.20	3/4	130.19	3/4		3/4		3/4		3/4		3/4	
8	1,168.45	8	907.41	8	646.74	8	385.76	8	124.76	8		8		8		8		8	
1/4	1,163.01	1/4	901.97	1/4	641.31	1/4	380.33	1/4	119.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,157.57	1/2	896.53	1/2	635.88	1/2	374.89	1/2	113.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,152.13	3/4	891.09	3/4	630.45	3/4	369.45	3/4	108.48	3/4		3/4		3/4		3/4		3/4	
9	1,146.69	9	885.65	9	625.02	9	364.01	9	103.07	9		9		9		9		9	
1/4	1,141.25	1/4	880.22	1/4	619.59	1/4	358.57	1/4	97.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,135.82	1/2	874.78	1/2	614.16	1/2	353.14	1/2	92.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,130.38	3/4	869.34	3/4	608.73	3/4	347.70	3/4	86.83	3/4		3/4		3/4		3/4		3/4	
10	1,124.94	10	863.90	10	603.29	10	342.26	10	81.44	10		10		10		10		10	
1/4	1,119.50	1/4	858.46	1/4	597.85	1/4	336.82	1/4	76.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,114.06	1/2	853.02	1/2	592.41	1/2	331.38	1/2	70.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,108.62	3/4	847.59	3/4	586.97	3/4	325.94	3/4	65.28	3/4		3/4		3/4		3/4		3/4	
11	1,103.19	11	842.15	11	581.54	11	320.51	11	59.92	11		11		11		11		11	
1/4	1,097.75	1/4	836.72	1/4	576.10	1/4	315.07	1/4	54.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,092.31	1/2	831.29	1/2	570.66	1/2	309.63	1/2	49.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,086.87	3/4	825.85	3/4	565.22	3/4	304.19	3/4	43.87	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/07/2018 CL
CALCULATED: 05/08/2018 CL
PRINTED: 05/08/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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