



BARGE "IB 1107"

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 1107"

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	3,751.99	0	3,498.02	0	3,244.05	0	2,990.08	0	2,712.00	0	2,415.09	0	2,118.18	0	2,118.18	0	1,821.26
1/4	1/4	1/4	3,746.70	1/4	3,492.73	1/4	3,238.76	1/4	2,984.79	1/4	2,705.82	1/4	2,408.90	1/4	2,111.99	1/4	2,111.99	1/4	1,815.08
1/2	1/2	1/2	3,741.41	1/2	3,487.44	1/2	3,233.47	1/2	2,979.50	1/2	2,699.63	1/2	2,402.72	1/2	2,105.81	1/2	2,105.81	1/2	1,808.89
3/4	0 3/4	3/4	3,969.67	3/4	3,736.11	3/4	3,482.15	3/4	3,228.18	3/4	2,974.21	3/4	2,693.44	3/4	2,396.53	3/4	2,099.62	3/4	1,802.70
1	1	1	3,967.55	1	3,730.82	1	3,476.86	1	3,222.89	1	2,968.92	1	2,687.26	1	2,390.35	1	2,093.44	1	1,796.52
1/4	1/4	1/4	3,965.42	1/4	3,725.53	1/4	3,471.56	1/4	3,217.60	1/4	2,963.63	1/4	2,681.07	1/4	2,384.16	1/4	2,087.25	1/4	1,790.33
1/2	1/2	1/2	3,963.29	1/2	3,720.24	1/2	3,466.27	1/2	3,212.31	1/2	2,958.34	1/2	2,674.89	1/2	2,377.98	1/2	2,081.07	1/2	1,784.15
3/4	3/4	3/4	3,961.16	3/4	3,714.95	3/4	3,460.98	3/4	3,207.01	3/4	2,953.05	3/4	2,668.70	3/4	2,371.79	3/4	2,074.88	3/4	1,777.96
2	2	2	3,957.46	2	3,709.66	2	3,455.69	2	3,201.72	2	2,947.76	2	2,662.51	2	2,365.61	2	2,068.69	2	1,771.78
1/4	1/4	1/4	3,953.76	1/4	3,704.37	1/4	3,450.40	1/4	3,196.43	1/4	2,942.46	1/4	2,656.33	1/4	2,359.42	1/4	2,062.51	1/4	1,765.59
1/2	1/2	1/2	3,950.06	1/2	3,699.08	1/2	3,445.11	1/2	3,191.14	1/2	2,937.17	1/2	2,650.14	1/2	2,353.23	1/2	2,056.32	1/2	1,759.40
3/4	3/4	3/4	3,946.36	3/4	3,693.79	3/4	3,439.82	3/4	3,185.85	3/4	2,931.88	3/4	2,643.96	3/4	2,347.05	3/4	2,050.14	3/4	1,753.22
3	3	3	3,941.39	3	3,688.50	3	3,434.53	3	3,180.56	3	2,926.59	3	2,637.77	3	2,340.86	3	2,043.95	3	1,747.03
1/4	1/4	1/4	3,936.42	1/4	3,683.20	1/4	3,429.24	1/4	3,175.27	1/4	2,921.30	1/4	2,631.59	1/4	2,334.68	1/4	2,037.76	1/4	1,740.85
1/2	1/2	1/2	3,931.45	1/2	3,677.91	1/2	3,423.95	1/2	3,169.98	1/2	2,916.01	1/2	2,625.40	1/2	2,328.49	1/2	2,031.58	1/2	1,734.66
3/4	3/4	3/4	3,926.48	3/4	3,672.62	3/4	3,418.65	3/4	3,164.69	3/4	2,910.72	3/4	2,619.21	3/4	2,322.31	3/4	2,025.39	3/4	1,728.47
4	4	4	3,921.21	4	3,667.33	4	3,413.36	4	3,159.40	4	2,905.43	4	2,613.03	4	2,316.12	4	2,019.21	4	1,722.29
1/4	1/4	1/4	3,915.94	1/4	3,662.04	1/4	3,408.07	1/4	3,154.10	1/4	2,900.15	1/4	2,606.84	1/4	2,309.94	1/4	2,013.02	1/4	1,716.10
1/2	1/2	1/2	3,910.67	1/2	3,656.75	1/2	3,402.78	1/2	3,148.81	1/2	2,894.86	1/2	2,600.66	1/2	2,303.75	1/2	2,006.84	1/2	1,709.92
3/4	3/4	3/4	3,905.41	3/4	3,651.46	3/4	3,397.49	3/4	3,143.52	3/4	2,889.58	3/4	2,594.47	3/4	2,297.57	3/4	2,000.65	3/4	1,703.73
5	5	5	3,900.12	5	3,646.17	5	3,392.20	5	3,138.23	5	2,883.85	5	2,588.29	5	2,291.38	5	1,994.46	5	1,697.55
1/4	1/4	1/4	3,894.84	1/4	3,640.88	1/4	3,386.91	1/4	3,132.94	1/4	2,878.11	1/4	2,582.10	1/4	2,285.20	1/4	1,988.28	1/4	1,691.37
1/2	1/2	1/2	3,889.55	1/2	3,635.59	1/2	3,381.62	1/2	3,127.65	1/2	2,872.38	1/2	2,575.91	1/2	2,279.01	1/2	1,982.09	1/2	1,685.19
3/4	3/4	3/4	3,884.26	3/4	3,630.29	3/4	3,376.33	3/4	3,122.36	3/4	2,866.65	3/4	2,569.73	3/4	2,272.83	3/4	1,975.91	3/4	1,679.01
6	6	6	3,878.97	6	3,625.00	6	3,371.04	6	3,117.07	6	2,860.46	6	2,563.54	6	2,266.64	6	1,969.72	6	1,672.84
1/4	1/4	1/4	3,873.68	1/4	3,619.71	1/4	3,365.74	1/4	3,111.78	1/4	2,854.27	1/4	2,557.36	1/4	2,260.45	1/4	1,963.53	1/4	1,666.67
1/2	1/2	1/2	3,868.39	1/2	3,614.42	1/2	3,360.45	1/2	3,106.49	1/2	2,848.09	1/2	2,551.17	1/2	2,254.27	1/2	1,957.35	1/2	1,660.50
3/4	3/4	3/4	3,863.10	3/4	3,609.13	3/4	3,355.16	3/4	3,101.19	3/4	2,841.90	3/4	2,544.98	3/4	2,248.08	3/4	1,951.16	3/4	1,654.33
7	7	7	3,857.81	7	3,603.84	7	3,349.87	7	3,095.90	7	2,835.72	7	2,538.80	7	2,241.90	7	1,944.98	7	1,648.16
1/4	1/4	1/4	3,852.52	1/4	3,598.55	1/4	3,344.58	1/4	3,090.61	1/4	2,829.53	1/4	2,532.61	1/4	2,235.71	1/4	1,938.79	1/4	1,641.99
1/2	1/2	1/2	3,847.23	1/2	3,593.26	1/2	3,339.29	1/2	3,085.32	1/2	2,823.35	1/2	2,526.43	1/2	2,229.52	1/2	1,932.61	1/2	1,635.81
3/4	3/4	3/4	3,841.93	3/4	3,587.97	3/4	3,334.00	3/4	3,080.03	3/4	2,817.16	3/4	2,520.24	3/4	2,223.34	3/4	1,926.42	3/4	1,629.64
8	8	8	3,836.64	8	3,582.68	8	3,328.71	8	3,074.74	8	2,810.97	8	2,514.06	8	2,217.15	8	1,920.23	8	1,623.47
1/4	1/4	1/4	3,831.35	1/4	3,577.38	1/4	3,323.42	1/4	3,069.45	1/4	2,804.79	1/4	2,507.87	1/4	2,210.97	1/4	1,914.05	1/4	1,617.30
1/2	1/2	1/2	3,826.06	1/2	3,572.09	1/2	3,318.13	1/2	3,064.16	1/2	2,798.60	1/2	2,501.68	1/2	2,204.78	1/2	1,907.86	1/2	1,611.13
3/4	3/4	3/4	3,820.77	3/4	3,566.80	3/4	3,312.83	3/4	3,058.87	3/4	2,792.42	3/4	2,495.50	3/4	2,198.60	3/4	1,901.68	3/4	1,604.96
9	9	9	3,815.48	9	3,561.51	9	3,307.54	9	3,053.58	9	2,786.23	9	2,489.31	9	2,192.41	9	1,895.49	9	1,598.79
1/4	1/4	1/4	3,810.19	1/4	3,556.22	1/4	3,302.25	1/4	3,048.28	1/4	2,780.04	1/4	2,483.13	1/4	2,186.22	1/4	1,889.31	1/4	1,592.61
1/2	1/2	1/2	3,804.90	1/2	3,550.93	1/2	3,296.96	1/2	3,042.99	1/2	2,773.86	1/2	2,476.94	1/2	2,180.04	1/2	1,883.12	1/2	1,586.44
3/4	3/4	3/4	3,799.61	3/4	3,545.64	3/4	3,291.67	3/4	3,037.70	3/4	2,767.67	3/4	2,470.75	3/4	2,173.85	3/4	1,876.93	3/4	1,580.27
10	10	10	3,794.32	10	3,540.35	10	3,286.38	10	3,032.41	10	2,761.49	10	2,464.57	10	2,167.67	10	1,870.75	10	1,574.10
1/4	1/4	1/4	3,789.02	1/4	3,535.06	1/4	3,281.09	1/4	3,027.12	1/4	2,755.30	1/4	2,458.38	1/4	2,161.48	1/4	1,864.56	1/4	1,567.93
1/2	1/2	1/2	3,783.73	1/2	3,529.77	1/2	3,275.80	1/2	3,021.83	1/2	2,749.12	1/2	2,452.20	1/2	2,155.29	1/2	1,858.38	1/2	1,561.76
3/4	3/4	3/4	3,778.44	3/4	3,524.47	3/4	3,270.51	3/4	3,016.54	3/4	2,742.93	3/4	2,446.01	3/4	2,149.11	3/4	1,852.19	3/4	1,555.58
11	11	11	3,773.15	11	3,519.18	11	3,265.22	11	3,011.25	11	2,736.74	11	2,439.83	11	2,142.92	11	1,846.00	11	1,549.41
1/4	1/4	1/4	3,767.86	1/4	3,513.89	1/4	3,259.92	1/4	3,005.96	1/4	2,730.56	1/4	2,433.64	1/4	2,136.74	1/4	1,839.82	1/4	1,543.24
1/2	1/2	1/2	3,762.57	1/2	3,508.60	1/2	3,254.63	1/2	3,000.67	1/2	2,724.37	1/2	2,427.46	1/2	2,130.55	1/2	1,833.63	1/2	1,537.07
3/4	3/4	3/4	3,757.28	3/4	3,503.31	3/4	3,249.34	3/4	2,995.37	3/4	2,718.19	3/4	2,421.27	3/4	2,124.37	3/4	1,827.45	3/4	1,530.90

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.

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



BARGE "IB 1107"

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	1,524.73	0	1,228.10	0	931.77	0	640.46	0	343.53	0	47.72	0		0		0		0	
1/4	1,518.56	1/4	1,221.92	1/4	925.74	1/4	634.28	1/4	337.34	1/4	42.10	1/4		1/4		1/4		1/4	
1/2	1,512.38	1/2	1,215.74	1/2	919.70	1/2	628.09	1/2	331.16	1/2	36.49	1/2		1/2		1/2		1/2	
3/4	1,506.21	3/4	1,209.55	3/4	913.67	3/4	621.90	3/4	324.97	3/4	30.88	3/4		3/4		3/4		3/4	
1	1,500.04	1	1,203.37	1	907.63	1	615.72	1	318.78	1	26.75	1		1		1		1	
1/4	1,493.87	1/4	1,197.19	1/4	901.60	1/4	609.53	1/4	312.60	1/4	22.62	1/4		1/4		1/4		1/4	
1/2	1,487.70	1/2	1,191.01	1/2	895.56	1/2	603.34	1/2	306.41	1/2	18.50	1/2		1/2		1/2		1/2	
3/4	1,481.53	3/4	1,184.82	3/4	889.53	3/4	597.16	3/4	300.22	3/4	14.37	3/4		3/4		3/4		3/4	
2	1,475.36	2	1,178.64	2	883.50	2	590.97	2	294.04	2	12.30	2		2		2		2	
1/4	1,469.18	1/4	1,172.46	1/4	877.46	1/4	584.79	1/4	287.85	1/4	10.24	1/4		1/4		1/4		1/4	
1/2	1,463.01	1/2	1,166.27	1/2	871.43	1/2	578.60	1/2	281.67	1/2	8.17	1/2		1/2		1/2		1/2	
3/4	1,456.84	3/4	1,160.09	3/4	865.39	3/4	572.41	3/4	275.48	3/4	6.10	3/4		3/4		3/4		3/4	
3	1,450.66	3	1,153.91	3	859.36	3	566.23	3	269.29	3		3		3		3		3	
1/4	1,444.49	1/4	1,147.73	1/4	853.32	1/4	560.04	1/4	263.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,438.31	1/2	1,141.54	1/2	847.29	1/2	553.86	1/2	256.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,432.13	3/4	1,135.36	3/4	841.26	3/4	547.67	3/4	250.73	3/4		3/4		3/4		3/4		3/4	
4	1,425.95	4	1,129.18	4	835.22	4	541.48	4	244.55	4		4		4		4		4	
1/4	1,419.77	1/4	1,122.99	1/4	829.19	1/4	535.30	1/4	238.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,413.59	1/2	1,116.81	1/2	823.15	1/2	529.11	1/2	232.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,407.40	3/4	1,110.63	3/4	817.12	3/4	522.93	3/4	225.98	3/4		3/4		3/4		3/4		3/4	
5	1,401.22	5	1,104.45	5	811.09	5	516.74	5	219.79	5		5		5		5		5	
1/4	1,395.04	1/4	1,098.26	1/4	805.05	1/4	510.55	1/4	213.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,388.85	1/2	1,092.08	1/2	799.02	1/2	504.37	1/2	207.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,382.67	3/4	1,085.90	3/4	792.98	3/4	498.18	3/4	201.21	3/4		3/4		3/4		3/4		3/4	
6	1,376.49	6	1,079.71	6	786.95	6	492.00	6	195.02	6		6		6		6		6	
1/4	1,370.31	1/4	1,073.53	1/4	780.92	1/4	485.81	1/4	188.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,364.12	1/2	1,067.35	1/2	774.88	1/2	479.62	1/2	182.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,357.94	3/4	1,061.17	3/4	768.85	3/4	473.44	3/4	176.45	3/4		3/4		3/4		3/4		3/4	
7	1,351.76	7	1,054.98	7	762.81	7	467.25	7	170.26	7		7		7		7		7	
1/4	1,345.58	1/4	1,048.80	1/4	756.78	1/4	461.06	1/4	164.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,339.39	1/2	1,042.62	1/2	750.74	1/2	454.88	1/2	157.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,333.21	3/4	1,036.44	3/4	744.71	3/4	448.69	3/4	151.70	3/4		3/4		3/4		3/4		3/4	
8	1,327.03	8	1,030.25	8	738.68	8	442.51	8	145.52	8		8		8		8		8	
1/4	1,320.84	1/4	1,024.07	1/4	732.64	1/4	436.32	1/4	139.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,314.66	1/2	1,017.89	1/2	726.61	1/2	430.13	1/2	133.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,308.48	3/4	1,011.70	3/4	720.57	3/4	423.95	3/4	126.97	3/4		3/4		3/4		3/4		3/4	
9	1,302.30	9	1,005.52	9	714.46	9	417.76	9	120.80	9		9		9		9		9	
1/4	1,296.11	1/4	999.34	1/4	708.36	1/4	411.58	1/4	114.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,289.93	1/2	993.16	1/2	702.25	1/2	405.39	1/2	108.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,283.75	3/4	986.97	3/4	696.14	3/4	399.20	3/4	102.29	3/4		3/4		3/4		3/4		3/4	
10	1,277.56	10	980.79	10	689.95	10	393.02	10	96.15	10		10		10		10		10	
1/4	1,271.38	1/4	974.61	1/4	683.76	1/4	386.83	1/4	90.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,265.20	1/2	968.42	1/2	677.58	1/2	380.65	1/2	83.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,259.02	3/4	962.24	3/4	671.39	3/4	374.46	3/4	77.72	3/4		3/4		3/4		3/4		3/4	
11	1,252.83	11	956.13	11	665.21	11	368.27	11	71.62	11		11		11		11		11	
1/4	1,246.65	1/4	950.02	1/4	659.02	1/4	362.09	1/4	65.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.47	1/2	943.91	1/2	652.83	1/2	355.90	1/2	59.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,234.28	3/4	937.81	3/4	646.65	3/4	349.71	3/4	53.33	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 1107"

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	3,441.62	0	3,178.50	0	2,915.38	0	2,652.25	0	2,389.13	0	2,126.01	0	1,862.89	0	1,599.77		
1/4	0 1/4	3,679.58	3,436.14	1/4	3,173.02	1/4	2,909.89	1/4	2,646.77	1/4	2,383.65	1/4	2,120.53	1/4	1,857.41	1/4	1,594.29		
1/2	1/2	3,677.30	3,430.66	1/2	3,167.53	1/2	2,904.41	1/2	2,641.29	1/2	2,378.17	1/2	2,115.05	1/2	1,851.93	1/2	1,588.80		
3/4	3/4	3,675.02	3,425.17	3/4	3,162.05	3/4	2,898.93	3/4	2,635.81	3/4	2,372.69	3/4	2,109.57	3/4	1,846.44	3/4	1,583.32		
1	1	3,672.73	3,419.69	1	3,156.57	1	2,893.45	1	2,630.33	1	2,367.21	1	2,104.08	1	1,840.96	1	1,577.84		
1/4	1/4	3,670.45	3,414.21	1/4	3,151.09	1/4	2,887.97	1/4	2,624.85	1/4	2,361.72	1/4	2,098.60	1/4	1,835.48	1/4	1,572.36		
1/2	1/2	3,666.37	3,408.73	1/2	3,145.61	1/2	2,882.49	1/2	2,619.36	1/2	2,356.24	1/2	2,093.12	1/2	1,830.00	1/2	1,566.88		
3/4	3/4	3,662.30	3,403.25	3/4	3,140.13	3/4	2,877.00	3/4	2,613.88	3/4	2,350.76	3/4	2,087.64	3/4	1,824.52	3/4	1,561.40		
2	2	3,658.23	3,397.76	2	3,134.64	2	2,871.52	2	2,608.40	2	2,345.28	2	2,082.16	2	1,819.04	2	1,555.91		
1/4	1/4	3,654.15	3,392.28	1/4	3,129.16	1/4	2,866.04	1/4	2,602.92	1/4	2,339.80	1/4	2,076.68	1/4	1,813.55	1/4	1,550.43		
1/2	1/2	3,648.95	3,386.80	1/2	3,123.68	1/2	2,860.56	1/2	2,597.44	1/2	2,334.32	1/2	2,071.19	1/2	1,808.07	1/2	1,544.95		
3/4	3/4	3,643.76	3,381.32	3/4	3,118.20	3/4	2,855.08	3/4	2,591.96	3/4	2,328.83	3/4	2,065.71	3/4	1,802.59	3/4	1,539.47		
3	3	3,638.56	3,375.84	3	3,112.72	3	2,849.59	3	2,586.47	3	2,323.35	3	2,060.23	3	1,797.11	3	1,533.99		
1/4	1/4	3,633.36	3,370.36	1/4	3,107.23	1/4	2,844.11	1/4	2,580.99	1/4	2,317.87	1/4	2,054.75	1/4	1,791.63	1/4	1,528.51		
1/2	1/2	3,627.90	3,364.87	1/2	3,101.75	1/2	2,838.63	1/2	2,575.51	1/2	2,312.39	1/2	2,049.27	1/2	1,786.15	1/2	1,523.02		
3/4	3/4	3,622.44	3,359.39	3/4	3,096.27	3/4	2,833.15	3/4	2,570.03	3/4	2,306.91	3/4	2,043.79	3/4	1,780.66	3/4	1,517.54		
4	4	3,616.97	3,353.91	4	3,090.79	4	2,827.67	4	2,564.55	4	2,301.42	4	2,038.30	4	1,775.18	4	1,512.06		
1/4	1/4	3,611.51	3,348.43	1/4	3,085.31	1/4	2,822.19	1/4	2,559.06	1/4	2,295.94	1/4	2,032.82	1/4	1,769.70	1/4	1,506.58		
1/2	1/2	3,606.04	3,342.95	1/2	3,079.83	1/2	2,816.70	1/2	2,553.58	1/2	2,290.46	1/2	2,027.34	1/2	1,764.22	1/2	1,501.10		
3/4	3/4	3,600.56	3,337.47	3/4	3,074.34	3/4	2,811.22	3/4	2,548.10	3/4	2,284.98	3/4	2,021.86	3/4	1,758.74	3/4	1,495.62		
5	5	3,595.08	3,331.98	5	3,068.86	5	2,805.74	5	2,542.62	5	2,279.50	5	2,016.38	5	1,753.25	5	1,490.13		
1/4	1/4	3,589.61	3,326.50	1/4	3,063.38	1/4	2,800.26	1/4	2,537.14	1/4	2,274.02	1/4	2,010.89	1/4	1,747.77	1/4	1,484.65		
1/2	1/2	3,584.13	3,321.02	1/2	3,057.90	1/2	2,794.78	1/2	2,531.66	1/2	2,268.53	1/2	2,005.41	1/2	1,742.29	1/2	1,479.17		
3/4	3/4	3,578.65	3,315.54	3/4	3,052.42	3/4	2,789.30	3/4	2,526.17	3/4	2,263.05	3/4	1,999.93	3/4	1,736.81	3/4	1,473.69		
6	6	3,573.17	3,310.06	6	3,046.94	6	2,783.81	6	2,520.69	6	2,257.57	6	1,994.45	6	1,731.33	6	1,468.21		
1/4	1/4	3,567.70	3,304.58	1/4	3,041.45	1/4	2,778.33	1/4	2,515.21	1/4	2,252.09	1/4	1,988.97	1/4	1,725.85	1/4	1,462.72		
1/2	1/2	3,562.22	3,299.09	1/2	3,035.97	1/2	2,772.85	1/2	2,509.73	1/2	2,246.61	1/2	1,983.49	1/2	1,720.36	1/2	1,457.24		
3/4	3/4	3,556.73	3,293.61	3/4	3,030.49	3/4	2,767.37	3/4	2,504.25	3/4	2,241.13	3/4	1,978.00	3/4	1,714.88	3/4	1,451.76		
7	7	3,551.25	3,288.13	7	3,025.01	7	2,761.89	7	2,498.77	7	2,235.64	7	1,972.52	7	1,709.40	7	1,446.28		
1/4	1/4	3,545.77	3,282.65	1/4	3,019.53	1/4	2,756.41	1/4	2,493.28	1/4	2,230.16	1/4	1,967.04	1/4	1,703.92	1/4	1,440.80		
1/2	1/2	3,540.29	3,277.17	1/2	3,014.05	1/2	2,750.92	1/2	2,487.80	1/2	2,224.68	1/2	1,961.56	1/2	1,698.44	1/2	1,435.32		
3/4	3/4	3,534.81	3,271.69	3/4	3,008.56	3/4	2,745.44	3/4	2,482.32	3/4	2,219.20	3/4	1,956.08	3/4	1,692.96	3/4	1,429.83		
8	8	3,529.33	3,266.20	8	3,003.08	8	2,739.96	8	2,476.84	8	2,213.72	8	1,950.60	8	1,687.47	8	1,424.35		
1/4	1/4	3,523.84	3,260.72	1/4	2,997.60	1/4	2,734.48	1/4	2,471.36	1/4	2,208.24	1/4	1,945.11	1/4	1,681.99	1/4	1,418.87		
1/2	1/2	3,518.36	3,255.24	1/2	2,992.12	1/2	2,729.00	1/2	2,465.88	1/2	2,202.75	1/2	1,939.63	1/2	1,676.51	1/2	1,413.39		
3/4	3/4	3,512.88	3,249.76	3/4	2,986.64	3/4	2,723.52	3/4	2,460.39	3/4	2,197.27	3/4	1,934.15	3/4	1,671.03	3/4	1,407.91		
9	9	3,507.40	3,244.28	9	2,981.16	9	2,718.03	9	2,454.91	9	2,191.79	9	1,928.67	9	1,665.55	9	1,402.43		
1/4	1/4	3,501.92	3,238.80	1/4	2,975.67	1/4	2,712.55	1/4	2,449.43	1/4	2,186.31	1/4	1,923.19	1/4	1,660.07	1/4	1,396.94		
1/2	1/2	3,496.44	3,233.31	1/2	2,970.19	1/2	2,707.07	1/2	2,443.95	1/2	2,180.83	1/2	1,917.71	1/2	1,654.58	1/2	1,391.46		
3/4	3/4	3,490.95	3,227.83	3/4	2,964.71	3/4	2,701.59	3/4	2,438.47	3/4	2,175.35	3/4	1,912.22	3/4	1,649.10	3/4	1,385.98		
10	10	3,485.47	3,222.35	10	2,959.23	10	2,696.11	10	2,432.99	10	2,169.86	10	1,906.74	10	1,643.62	10	1,380.50		
1/4	1/4	3,479.99	3,216.87	1/4	2,953.75	1/4	2,690.63	1/4	2,427.50	1/4	2,164.38	1/4	1,901.26	1/4	1,638.14	1/4	1,375.02		
1/2	1/2	3,474.51	3,211.39	1/2	2,948.27	1/2	2,685.14	1/2	2,422.02	1/2	2,158.90	1/2	1,895.78	1/2	1,632.66	1/2	1,369.54		
3/4	3/4	3,469.03	3,205.91	3/4	2,942.78	3/4	2,679.66	3/4	2,416.54	3/4	2,153.42	3/4	1,890.30	3/4	1,627.18	3/4	1,364.05		
11	11	3,463.55	3,200.42	11	2,937.30	11	2,674.18	11	2,411.06	11	2,147.94	11	1,884.82	11	1,621.69	11	1,358.57		
1/4	1/4	3,458.06	3,194.94	1/4	2,931.82	1/4	2,668.70	1/4	2,405.58	1/4	2,142.46	1/4	1,879.33	1/4	1,616.21	1/4	1,353.09		
1/2	1/2	3,452.58	3,189.46	1/2	2,926.34	1/2	2,663.22	1/2	2,400.10	1/2	2,136.97	1/2	1,873.85	1/2	1,610.73	1/2	1,347.61		
3/4	3/4	3,447.10	3,183.98	3/4	2,920.86	3/4	2,657.74	3/4	2,394.61	3/4	2,131.49	3/4	1,868.37	3/4	1,605.25	3/4	1,342.13		

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 1107"

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	1,336.65	0	1,073.52	0	811.15	0	553.28	0	290.17	0	29.33	0		0		0		0	
1/4	1,331.16	1/4	1,068.04	1/4	805.81	1/4	547.80	1/4	284.69	1/4	24.36	1/4		1/4		1/4		1/4	
1/2	1,325.68	1/2	1,062.56	1/2	800.48	1/2	542.32	1/2	279.21	1/2	20.71	1/2		1/2		1/2		1/2	
3/4	1,320.20	3/4	1,057.08	3/4	795.15	3/4	536.84	3/4	273.72	3/4	17.06	3/4		3/4		3/4		3/4	
1	1,314.72	1	1,051.60	1	789.82	1	531.36	1	268.24	1	13.41	1		1		1		1	
1/4	1,309.24	1/4	1,046.12	1/4	784.48	1/4	525.87	1/4	262.76	1/4	9.76	1/4		1/4		1/4		1/4	
1/2	1,303.76	1/2	1,040.63	1/2	779.15	1/2	520.39	1/2	257.28	1/2	7.93	1/2		1/2		1/2		1/2	
3/4	1,298.27	3/4	1,035.15	3/4	773.82	3/4	514.91	3/4	251.80	3/4	6.11	3/4		3/4		3/4		3/4	
2	1,292.79	2	1,029.67	2	768.49	2	509.43	2	246.32	2	4.28	2		2		2		2	
1/4	1,287.31	1/4	1,024.19	1/4	763.16	1/4	503.95	1/4	240.84	1/4	2.45	1/4		1/4		1/4		1/4	
1/2	1,281.83	1/2	1,018.71	1/2	757.83	1/2	498.47	1/2	235.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,276.35	3/4	1,013.23	3/4	752.50	3/4	492.98	3/4	229.87	3/4		3/4		3/4		3/4		3/4	
3	1,270.87	3	1,007.74	3	747.16	3	487.50	3	224.39	3		3		3		3		3	
1/4	1,265.38	1/4	1,002.26	1/4	741.83	1/4	482.02	1/4	218.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,259.90	1/2	996.78	1/2	736.50	1/2	476.54	1/2	213.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,254.42	3/4	991.30	3/4	731.17	3/4	471.06	3/4	207.95	3/4		3/4		3/4		3/4		3/4	
4	1,248.94	4	985.82	4	725.84	4	465.58	4	202.47	4		4		4		4		4	
1/4	1,243.46	1/4	980.34	1/4	720.51	1/4	460.10	1/4	196.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,237.98	1/2	974.85	1/2	715.17	1/2	454.61	1/2	191.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,232.49	3/4	969.37	3/4	709.84	3/4	449.13	3/4	186.02	3/4		3/4		3/4		3/4		3/4	
5	1,227.01	5	963.89	5	704.51	5	443.65	5	180.54	5		5		5		5		5	
1/4	1,221.53	1/4	958.41	1/4	699.18	1/4	438.17	1/4	175.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,216.05	1/2	952.93	1/2	693.85	1/2	432.69	1/2	169.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,210.57	3/4	947.45	3/4	688.52	3/4	427.21	3/4	164.10	3/4		3/4		3/4		3/4		3/4	
6	1,205.08	6	941.96	6	683.18	6	421.73	6	158.62	6		6		6		6		6	
1/4	1,199.60	1/4	936.48	1/4	677.85	1/4	416.24	1/4	153.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,194.12	1/2	931.00	1/2	672.52	1/2	410.76	1/2	147.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,188.64	3/4	925.52	3/4	667.19	3/4	405.28	3/4	142.18	3/4		3/4		3/4		3/4		3/4	
7	1,183.16	7	920.04	7	661.86	7	399.80	7	136.70	7		7		7		7		7	
1/4	1,177.68	1/4	914.55	1/4	656.53	1/4	394.32	1/4	131.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,172.19	1/2	909.07	1/2	651.19	1/2	388.84	1/2	125.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,166.71	3/4	903.59	3/4	645.86	3/4	383.35	3/4	120.28	3/4		3/4		3/4		3/4		3/4	
8	1,161.23	8	898.11	8	640.53	8	377.87	8	114.81	8		8		8		8		8	
1/4	1,155.75	1/4	892.63	1/4	635.20	1/4	372.39	1/4	109.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,150.27	1/2	887.15	1/2	629.79	1/2	366.91	1/2	103.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,144.79	3/4	881.66	3/4	624.39	3/4	361.43	3/4	98.43	3/4		3/4		3/4		3/4		3/4	
9	1,139.30	9	876.18	9	618.98	9	355.95	9	92.98	9		9		9		9		9	
1/4	1,133.82	1/4	870.70	1/4	613.58	1/4	350.47	1/4	87.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,128.34	1/2	865.22	1/2	608.10	1/2	344.98	1/2	82.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,122.86	3/4	859.74	3/4	602.61	3/4	339.50	3/4	76.66	3/4		3/4		3/4		3/4		3/4	
10	1,117.38	10	854.26	10	597.13	10	334.02	10	71.22	10		10		10		10		10	
1/4	1,111.90	1/4	848.77	1/4	591.65	1/4	328.54	1/4	65.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,106.41	1/2	843.37	1/2	586.17	1/2	323.06	1/2	60.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,100.93	3/4	837.96	3/4	580.69	3/4	317.58	3/4	55.00	3/4		3/4		3/4		3/4		3/4	
11	1,095.45	11	832.55	11	575.21	11	312.10	11	49.61	11		11		11		11		11	
1/4	1,089.97	1/4	827.15	1/4	569.73	1/4	306.61	1/4	44.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,084.49	1/2	821.81	1/2	564.24	1/2	301.13	1/2	39.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,079.01	3/4	816.48	3/4	558.76	3/4	295.65	3/4	34.29	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 1107"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,440.57	0	3,180.03	0	2,919.48	0	2,658.94	0	2,398.39	0	2,137.85	0	1,877.31	0	1,616.76		
1/4	1/4	1/4	3,435.14	1/4	3,174.60	1/4	2,914.05	1/4	2,653.51	1/4	2,392.97	1/4	2,132.42	1/4	1,871.88	1/4	1,611.33		
1/2	1/2	1/2	3,429.71	1/2	3,169.17	1/2	2,908.63	1/2	2,648.08	1/2	2,387.54	1/2	2,126.99	1/2	1,866.45	1/2	1,605.91		
3/4	3/4	3/4	3,424.29	3/4	3,163.74	3/4	2,903.20	3/4	2,642.65	3/4	2,382.11	3/4	2,121.57	3/4	1,861.02	3/4	1,600.48		
1	1	1	3,418.86	1	3,158.31	1	2,897.77	1	2,637.23	1	2,376.68	1	2,116.14	1	1,855.59	1	1,595.05		
1/4	1/4	1/4	3,413.43	1/4	3,152.89	1/4	2,892.34	1/4	2,631.80	1/4	2,371.25	1/4	2,110.71	1/4	1,850.17	1/4	1,589.62		
1/2	1/2	1/2	3,649.09	1/2	3,408.00	1/2	3,147.46	1/2	2,886.91	1/2	2,626.37	1/2	2,365.83	1/2	2,105.28	1/2	1,844.74	1/2	1,584.19
3/4	3/4	3/4	3,646.82	3/4	3,402.57	3/4	3,142.03	3/4	2,881.49	3/4	2,620.94	3/4	2,360.40	3/4	2,099.85	3/4	1,839.31	3/4	1,578.77
2	2	2	3,644.56	2	3,397.15	2	3,136.60	2	2,876.06	2	2,615.51	2	2,354.97	2	2,094.43	2	1,833.88	2	1,573.34
1/4	1/4	1/4	3,642.30	1/4	3,391.72	1/4	3,131.17	1/4	2,870.63	1/4	2,610.09	1/4	2,349.54	1/4	2,089.00	1/4	1,828.45	1/4	1,567.91
1/2	1/2	1/2	3,640.04	1/2	3,386.29	1/2	3,125.75	1/2	2,865.20	1/2	2,604.66	1/2	2,344.11	1/2	2,083.57	1/2	1,823.03	1/2	1,562.48
3/4	3/4	3/4	3,636.01	3/4	3,380.86	3/4	3,120.32	3/4	2,859.77	3/4	2,599.23	3/4	2,338.69	3/4	2,078.14	3/4	1,817.60	3/4	1,557.05
3	3	3	3,631.97	3	3,375.43	3	3,114.89	3	2,854.35	3	2,593.80	3	2,333.26	3	2,072.71	3	1,812.17	3	1,551.63
1/4	1/4	1/4	3,627.94	1/4	3,370.01	1/4	3,109.46	1/4	2,848.92	1/4	2,588.37	1/4	2,327.83	1/4	2,067.29	1/4	1,806.74	1/4	1,546.20
1/2	1/2	1/2	3,623.91	1/2	3,364.58	1/2	3,104.03	1/2	2,843.49	1/2	2,582.95	1/2	2,322.40	1/2	2,061.86	1/2	1,801.31	1/2	1,540.77
3/4	3/4	3/4	3,618.76	3/4	3,359.15	3/4	3,098.61	3/4	2,838.06	3/4	2,577.52	3/4	2,316.97	3/4	2,056.43	3/4	1,795.89	3/4	1,535.34
4	4	4	3,613.61	4	3,353.72	4	3,093.18	4	2,832.63	4	2,572.09	4	2,311.55	4	2,051.00	4	1,790.46	4	1,529.91
1/4	1/4	1/4	3,608.46	1/4	3,348.29	1/4	3,087.75	1/4	2,827.21	1/4	2,566.66	1/4	2,306.12	1/4	2,045.57	1/4	1,785.03	1/4	1,524.49
1/2	1/2	1/2	3,603.31	1/2	3,342.87	1/2	3,082.32	1/2	2,821.78	1/2	2,561.23	1/2	2,300.69	1/2	2,040.15	1/2	1,779.60	1/2	1,519.06
3/4	3/4	3/4	3,597.90	3/4	3,337.44	3/4	3,076.89	3/4	2,816.35	3/4	2,555.81	3/4	2,295.26	3/4	2,034.72	3/4	1,774.17	3/4	1,513.63
5	5	5	3,592.50	5	3,332.01	5	3,071.47	5	2,810.92	5	2,550.38	5	2,289.83	5	2,029.29	5	1,768.75	5	1,508.20
1/4	1/4	1/4	3,587.09	1/4	3,326.58	1/4	3,066.04	1/4	2,805.49	1/4	2,544.95	1/4	2,284.41	1/4	2,023.86	1/4	1,763.32	1/4	1,502.77
1/2	1/2	1/2	3,581.68	1/2	3,321.15	1/2	3,060.61	1/2	2,800.07	1/2	2,539.52	1/2	2,278.98	1/2	2,018.43	1/2	1,757.89	1/2	1,497.35
3/4	3/4	3/4	3,576.26	3/4	3,315.73	3/4	3,055.18	3/4	2,794.64	3/4	2,534.09	3/4	2,273.55	3/4	2,013.01	3/4	1,752.46	3/4	1,491.92
6	6	6	3,570.84	6	3,310.30	6	3,049.75	6	2,789.21	6	2,528.67	6	2,268.12	6	2,007.58	6	1,747.03	6	1,486.49
1/4	1/4	1/4	3,565.41	1/4	3,304.87	1/4	3,044.33	1/4	2,783.78	1/4	2,523.24	1/4	2,262.69	1/4	2,002.15	1/4	1,741.61	1/4	1,481.06
1/2	1/2	1/2	3,559.99	1/2	3,299.44	1/2	3,038.90	1/2	2,778.35	1/2	2,517.81	1/2	2,257.27	1/2	1,996.72	1/2	1,736.18	1/2	1,475.63
3/4	3/4	3/4	3,554.56	3/4	3,294.01	3/4	3,033.47	3/4	2,772.93	3/4	2,512.38	3/4	2,251.84	3/4	1,991.29	3/4	1,730.75	3/4	1,470.21
7	7	7	3,549.13	7	3,288.59	7	3,028.04	7	2,767.50	7	2,506.95	7	2,246.41	7	1,985.87	7	1,725.32	7	1,464.78
1/4	1/4	1/4	3,543.70	1/4	3,283.16	1/4	3,022.61	1/4	2,762.07	1/4	2,501.53	1/4	2,240.98	1/4	1,980.44	1/4	1,719.89	1/4	1,459.35
1/2	1/2	1/2	3,538.27	1/2	3,277.73	1/2	3,017.19	1/2	2,756.64	1/2	2,496.10	1/2	2,235.55	1/2	1,975.01	1/2	1,714.47	1/2	1,453.92
3/4	3/4	3/4	3,532.85	3/4	3,272.30	3/4	3,011.76	3/4	2,751.21	3/4	2,490.67	3/4	2,230.13	3/4	1,969.59	3/4	1,709.04	3/4	1,448.49
8	8	8	3,527.42	8	3,266.87	8	3,006.33	8	2,745.79	8	2,485.24	8	2,224.70	8	1,964.15	8	1,703.61	8	1,443.07
1/4	1/4	1/4	3,521.99	1/4	3,261.45	1/4	3,000.90	1/4	2,740.36	1/4	2,479.81	1/4	2,219.27	1/4	1,958.73	1/4	1,698.18	1/4	1,437.64
1/2	1/2	1/2	3,516.56	1/2	3,256.02	1/2	2,995.47	1/2	2,734.93	1/2	2,474.39	1/2	2,213.84	1/2	1,953.30	1/2	1,692.75	1/2	1,432.21
3/4	3/4	3/4	3,511.13	3/4	3,250.59	3/4	2,990.05	3/4	2,729.50	3/4	2,468.96	3/4	2,208.41	3/4	1,947.87	3/4	1,687.33	3/4	1,426.78
9	9	9	3,505.71	9	3,245.16	9	2,984.62	9	2,724.07	9	2,463.53	9	2,202.99	9	1,942.44	9	1,681.90	9	1,421.35
1/4	1/4	1/4	3,500.28	1/4	3,239.73	1/4	2,979.19	1/4	2,718.65	1/4	2,458.10	1/4	2,197.56	1/4	1,937.01	1/4	1,676.47	1/4	1,415.93
1/2	1/2	1/2	3,494.85	1/2	3,234.31	1/2	2,973.76	1/2	2,713.22	1/2	2,452.67	1/2	2,192.13	1/2	1,931.59	1/2	1,671.04	1/2	1,410.50
3/4	3/4	3/4	3,489.42	3/4	3,228.88	3/4	2,968.33	3/4	2,707.79	3/4	2,447.25	3/4	2,186.70	3/4	1,926.16	3/4	1,665.61	3/4	1,405.07
10	10	10	3,483.99	10	3,223.45	10	2,962.91	10	2,702.36	10	2,441.82	10	2,181.27	10	1,920.73	10	1,660.19	10	1,399.64
1/4	1/4	1/4	3,478.57	1/4	3,218.02	1/4	2,957.48	1/4	2,696.93	1/4	2,436.39	1/4	2,175.85	1/4	1,915.30	1/4	1,654.76	1/4	1,394.21
1/2	1/2	1/2	3,473.14	1/2	3,212.59	1/2	2,952.05	1/2	2,691.51	1/2	2,430.96	1/2	2,170.42	1/2	1,909.87	1/2	1,649.33	1/2	1,388.79
3/4	3/4	3/4	3,467.71	3/4	3,207.17	3/4	2,946.62	3/4	2,686.08	3/4	2,425.53	3/4	2,164.99	3/4	1,904.45	3/4	1,643.90	3/4	1,383.36
11	11	11	3,462.28	11	3,201.74	11	2,941.19	11	2,680.65	11	2,420.11	11	2,159.56	11	1,899.02	11	1,638.47	11	1,377.93
1/4	1/4	1/4	3,456.85	1/4	3,196.31	1/4	2,935.77	1/4	2,675.22	1/4	2,414.68	1/4	2,154.13	1/4	1,893.59	1/4	1,633.05	1/4	1,372.50
1/2	1/2	1/2	3,451.43	1/2	3,190.88	1/2	2,930.34	1/2	2,669.79	1/2	2,409.25	1/2	2,148.71	1/2	1,888.16	1/2	1,627.62	1/2	1,367.07
3/4	3/4	3/4	3,446.00	3/4	3,185.45	3/4	2,924.91	3/4	2,664.37	3/4	2,403.82	3/4	2,143.28	3/4	1,882.73	3/4	1,622.19	3/4	1,361.65

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 1107"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,356.22	0	1,095.67	0	835.14	0	575.01	0	314.47	0	54.47	0		0		0		0	
1/4	1,350.79	1/4	1,090.25	1/4	829.71	1/4	569.58	1/4	309.04	1/4	49.13	1/4		1/4		1/4		1/4	
1/2	1,345.36	1/2	1,084.82	1/2	824.29	1/2	564.15	1/2	303.62	1/2	43.79	1/2		1/2		1/2		1/2	
3/4	1,339.93	3/4	1,079.39	3/4	818.87	3/4	558.72	3/4	298.19	3/4	38.87	3/4		3/4		3/4		3/4	
1	1,334.51	1	1,073.96	1	813.45	1	553.30	1	292.76	1	33.96	1		1		1		1	
1/4	1,329.08	1/4	1,068.53	1/4	808.04	1/4	547.87	1/4	287.33	1/4	29.04	1/4		1/4		1/4		1/4	
1/2	1,323.65	1/2	1,063.11	1/2	802.62	1/2	542.44	1/2	281.91	1/2	24.13	1/2		1/2		1/2		1/2	
3/4	1,318.22	3/4	1,057.68	3/4	797.20	3/4	537.01	3/4	276.48	3/4	20.51	3/4		3/4		3/4		3/4	
2	1,312.79	2	1,052.25	2	791.78	2	531.58	2	271.05	2	16.90	2		2		2		2	
1/4	1,307.37	1/4	1,046.82	1/4	786.36	1/4	526.16	1/4	265.62	1/4	13.28	1/4		1/4		1/4		1/4	
1/2	1,301.94	1/2	1,041.39	1/2	780.95	1/2	520.73	1/2	260.19	1/2	9.67	1/2		1/2		1/2		1/2	
3/4	1,296.51	3/4	1,035.97	3/4	775.53	3/4	515.30	3/4	254.77	3/4	7.86	3/4		3/4		3/4		3/4	
3	1,291.08	3	1,030.54	3	770.11	3	509.87	3	249.34	3	6.05	3		3		3		3	
1/4	1,285.65	1/4	1,025.11	1/4	764.69	1/4	504.45	1/4	243.91	1/4	4.24	1/4		1/4		1/4		1/4	
1/2	1,280.23	1/2	1,019.68	1/2	759.28	1/2	499.02	1/2	238.48	1/2	2.43	1/2		1/2		1/2		1/2	
3/4	1,274.80	3/4	1,014.25	3/4	753.86	3/4	493.59	3/4	233.06	3/4		3/4		3/4		3/4		3/4	
4	1,269.37	4	1,008.83	4	748.44	4	488.16	4	227.63	4		4		4		4		4	
1/4	1,263.94	1/4	1,003.40	1/4	743.02	1/4	482.73	1/4	222.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,258.51	1/2	997.97	1/2	737.61	1/2	477.31	1/2	216.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,253.09	3/4	992.54	3/4	732.19	3/4	471.88	3/4	211.34	3/4		3/4		3/4		3/4		3/4	
5	1,247.66	5	987.11	5	726.77	5	466.45	5	205.92	5		5		5		5		5	
1/4	1,242.23	1/4	981.69	1/4	721.36	1/4	461.02	1/4	200.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,236.80	1/2	976.26	1/2	715.94	1/2	455.60	1/2	195.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,231.37	3/4	970.83	3/4	710.52	3/4	450.17	3/4	189.63	3/4		3/4		3/4		3/4		3/4	
6	1,225.95	6	965.40	6	705.10	6	444.74	6	184.21	6		6		6		6		6	
1/4	1,220.52	1/4	959.97	1/4	699.69	1/4	439.31	1/4	178.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,215.09	1/2	954.55	1/2	694.27	1/2	433.88	1/2	173.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,209.66	3/4	949.12	3/4	688.85	3/4	428.46	3/4	167.92	3/4		3/4		3/4		3/4		3/4	
7	1,204.23	7	943.69	7	683.44	7	423.03	7	162.50	7		7		7		7		7	
1/4	1,198.81	1/4	938.26	1/4	678.02	1/4	417.60	1/4	157.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,193.38	1/2	932.83	1/2	672.60	1/2	412.17	1/2	151.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,187.95	3/4	927.41	3/4	667.18	3/4	406.75	3/4	146.22	3/4		3/4		3/4		3/4		3/4	
8	1,182.52	8	921.98	8	661.77	8	401.32	8	140.79	8		8		8		8		8	
1/4	1,177.09	1/4	916.55	1/4	656.35	1/4	395.89	1/4	135.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,171.67	1/2	911.12	1/2	650.93	1/2	390.46	1/2	129.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,166.24	3/4	905.69	3/4	645.52	3/4	385.03	3/4	124.53	3/4		3/4		3/4		3/4		3/4	
9	1,160.81	9	900.27	9	640.10	9	379.61	9	119.11	9		9		9		9		9	
1/4	1,155.38	1/4	894.84	1/4	634.68	1/4	374.18	1/4	113.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,149.95	1/2	889.41	1/2	629.26	1/2	368.75	1/2	108.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,144.53	3/4	883.98	3/4	623.84	3/4	363.32	3/4	102.88	3/4		3/4		3/4		3/4		3/4	
10	1,139.10	10	878.55	10	618.42	10	357.90	10	97.47	10		10		10		10		10	
1/4	1,133.67	1/4	873.13	1/4	613.00	1/4	352.47	1/4	92.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,128.24	1/2	867.70	1/2	607.57	1/2	347.04	1/2	86.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,122.81	3/4	862.27	3/4	602.15	3/4	341.61	3/4	81.29	3/4		3/4		3/4		3/4		3/4	
11	1,117.39	11	856.84	11	596.72	11	336.18	11	75.91	11		11		11		11		11	
1/4	1,111.96	1/4	851.41	1/4	591.29	1/4	330.76	1/4	70.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,106.53	1/2	845.99	1/2	585.86	1/2	325.33	1/2	65.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,101.10	3/4	840.56	3/4	580.43	3/4	319.90	3/4	59.81	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>