



# BARGE "IB 1112"

## 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	- 00-3/4	00-3/4	- 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  
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# BARGE "IB 1112"

# 1 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	3,742.05	0	3,488.04	0	3,234.03	0	2,980.02	0	2,700.10	0	2,403.14	0	2,106.18	0	1,809.20		
1/4	1/4	3,970.37	3,736.76	1/4	3,482.75	1/4	3,228.74	1/4	2,974.73	1/4	2,693.91	1/4	2,396.95	1/4	2,099.99	1/4	1,803.02		
1/2	1/2	3,968.24	3,731.47	1/2	3,477.46	1/2	3,223.45	1/2	2,969.44	1/2	2,687.73	1/2	2,390.76	1/2	2,093.80	1/2	1,796.83		
3/4	3/4	3,966.11	3,726.18	3/4	3,472.17	3/4	3,218.15	3/4	2,964.14	3/4	2,681.54	3/4	2,384.58	3/4	2,087.62	3/4	1,790.64		
1	1	3,963.98	3,720.89	1	3,466.87	1	3,212.86	1	2,958.85	1	2,675.35	1	2,378.39	1	2,081.43	1	1,784.46		
1/4	1/4	3,961.85	3,715.59	1/4	3,461.58	1/4	3,207.57	1/4	2,953.56	1/4	2,669.17	1/4	2,372.20	1/4	2,075.24	1/4	1,778.27		
1/2	1/2	3,958.15	3,710.30	1/2	3,456.29	1/2	3,202.28	1/2	2,948.27	1/2	2,662.98	1/2	2,366.02	1/2	2,069.05	1/2	1,772.08		
3/4	3/4	3,954.45	3,705.01	3/4	3,451.00	3/4	3,196.99	3/4	2,942.98	3/4	2,656.79	3/4	2,359.83	3/4	2,062.87	3/4	1,765.90		
2	2	3,950.75	3,699.72	2	3,445.71	2	3,191.70	2	2,937.68	2	2,650.60	2	2,353.64	2	2,056.68	2	1,759.71		
1/4	1/4	3,947.05	3,694.43	1/4	3,440.41	1/4	3,186.40	1/4	2,932.39	1/4	2,644.42	1/4	2,347.46	1/4	2,050.49	1/4	1,753.52		
1/2	1/2	3,942.08	3,689.13	1/2	3,435.12	1/2	3,181.11	1/2	2,927.10	1/2	2,638.23	1/2	2,341.27	1/2	2,044.31	1/2	1,747.34		
3/4	3/4	3,937.11	3,683.84	3/4	3,429.83	3/4	3,175.82	3/4	2,921.81	3/4	2,632.04	3/4	2,335.09	3/4	2,038.12	3/4	1,741.15		
3	3	3,932.13	3,678.55	3	3,424.54	3	3,170.53	3	2,916.52	3	2,625.86	3	2,328.90	3	2,031.93	3	1,734.96		
1/4	1/4	3,927.16	3,673.26	1/4	3,419.25	1/4	3,165.24	1/4	2,911.23	1/4	2,619.67	1/4	2,322.71	1/4	2,025.75	1/4	1,728.78		
1/2	1/2	3,921.89	3,667.97	1/2	3,413.96	1/2	3,159.94	1/2	2,905.94	1/2	2,613.48	1/2	2,316.53	1/2	2,019.56	1/2	1,722.59		
3/4	3/4	3,916.62	3,662.67	3/4	3,408.66	3/4	3,154.65	3/4	2,900.65	3/4	2,607.30	3/4	2,310.34	3/4	2,013.37	3/4	1,716.40		
4	4	3,911.36	3,657.38	4	3,403.37	4	3,149.36	4	2,895.37	4	2,601.11	4	2,304.15	4	2,007.19	4	1,710.21		
1/4	1/4	3,906.09	3,652.09	1/4	3,398.08	1/4	3,144.07	1/4	2,890.08	1/4	2,594.92	1/4	2,297.97	1/4	2,001.00	1/4	1,704.03		
1/2	1/2	3,900.80	3,646.80	1/2	3,392.79	1/2	3,138.78	1/2	2,884.35	1/2	2,588.74	1/2	2,291.78	1/2	1,994.81	1/2	1,697.85		
3/4	3/4	3,895.51	3,641.51	3/4	3,387.50	3/4	3,133.48	3/4	2,878.61	3/4	2,582.55	3/4	2,285.60	3/4	1,988.62	3/4	1,691.67		
5	5	3,890.23	3,636.22	5	3,382.20	5	3,128.19	5	2,872.88	5	2,576.36	5	2,279.41	5	1,982.44	5	1,685.49		
1/4	1/4	3,884.94	3,630.92	1/4	3,376.91	1/4	3,122.90	1/4	2,867.15	1/4	2,570.18	1/4	2,273.22	1/4	1,976.25	1/4	1,679.31		
1/2	1/2	3,879.65	3,625.63	1/2	3,371.62	1/2	3,117.61	1/2	2,860.96	1/2	2,563.99	1/2	2,267.04	1/2	1,970.06	1/2	1,673.14		
3/4	3/4	3,874.35	3,620.34	3/4	3,366.33	3/4	3,112.32	3/4	2,854.77	3/4	2,557.80	3/4	2,260.85	3/4	1,963.88	3/4	1,666.96		
6	6	3,869.06	3,615.05	6	3,361.04	6	3,107.03	6	2,848.59	6	2,551.61	6	2,254.66	6	1,957.69	6	1,660.79		
1/4	1/4	3,863.77	3,609.76	1/4	3,355.74	1/4	3,101.73	1/4	2,842.40	1/4	2,545.43	1/4	2,248.47	1/4	1,951.50	1/4	1,654.62		
1/2	1/2	3,858.47	3,604.46	1/2	3,350.45	1/2	3,096.44	1/2	2,836.21	1/2	2,539.24	1/2	2,242.29	1/2	1,945.32	1/2	1,648.44		
3/4	3/4	3,853.18	3,599.17	3/4	3,345.16	3/4	3,091.15	3/4	2,830.02	3/4	2,533.05	3/4	2,236.10	3/4	1,939.13	3/4	1,642.27		
7	7	3,847.89	3,593.88	7	3,339.87	7	3,085.86	7	2,823.84	7	2,526.87	7	2,229.91	7	1,932.94	7	1,636.10		
1/4	1/4	3,842.60	3,588.59	1/4	3,334.58	1/4	3,080.57	1/4	2,817.65	1/4	2,520.68	1/4	2,223.73	1/4	1,926.76	1/4	1,629.93		
1/2	1/2	3,837.31	3,583.30	1/2	3,329.28	1/2	3,075.27	1/2	2,811.46	1/2	2,514.49	1/2	2,217.54	1/2	1,920.57	1/2	1,623.75		
3/4	3/4	3,832.02	3,578.00	3/4	3,323.99	3/4	3,069.98	3/4	2,805.28	3/4	2,508.31	3/4	2,211.35	3/4	1,914.38	3/4	1,617.58		
8	8	3,826.72	3,572.71	8	3,318.70	8	3,064.69	8	2,799.09	8	2,502.12	8	2,205.17	8	1,908.20	8	1,611.41		
1/4	1/4	3,821.43	3,567.42	1/4	3,313.41	1/4	3,059.40	1/4	2,792.90	1/4	2,495.93	1/4	2,198.98	1/4	1,902.01	1/4	1,605.24		
1/2	1/2	3,816.14	3,562.13	1/2	3,308.12	1/2	3,054.11	1/2	2,786.72	1/2	2,489.75	1/2	2,192.79	1/2	1,895.82	1/2	1,599.06		
3/4	3/4	3,810.85	3,556.84	3/4	3,302.83	3/4	3,048.81	3/4	2,780.53	3/4	2,483.56	3/4	2,186.61	3/4	1,889.63	3/4	1,592.89		
9	9	3,805.56	3,551.54	9	3,297.53	9	3,043.52	9	2,774.34	9	2,477.37	9	2,180.42	9	1,883.45	9	1,586.72		
1/4	1/4	3,800.26	3,546.25	1/4	3,292.24	1/4	3,038.23	1/4	2,768.16	1/4	2,471.18	1/4	2,174.23	1/4	1,877.26	1/4	1,580.55		
1/2	1/2	3,794.97	3,540.96	1/2	3,286.95	1/2	3,032.94	1/2	2,761.97	1/2	2,465.00	1/2	2,168.05	1/2	1,871.07	1/2	1,574.37		
3/4	3/4	3,789.68	3,535.67	3/4	3,281.66	3/4	3,027.65	3/4	2,755.78	3/4	2,458.81	3/4	2,161.86	3/4	1,864.89	3/4	1,568.20		
10	10	3,784.39	3,530.38	10	3,276.37	10	3,022.35	10	2,749.60	10	2,452.63	10	2,155.67	10	1,858.70	10	1,562.03		
1/4	1/4	3,779.10	3,525.09	1/4	3,271.07	1/4	3,017.06	1/4	2,743.41	1/4	2,446.44	1/4	2,149.48	1/4	1,852.51	1/4	1,555.86		
1/2	1/2	3,773.80	3,519.79	1/2	3,265.78	1/2	3,011.77	1/2	2,737.22	1/2	2,440.25	1/2	2,143.30	1/2	1,846.33	1/2	1,549.68		
3/4	3/4	3,768.51	3,514.50	3/4	3,260.49	3/4	3,006.48	3/4	2,731.03	3/4	2,434.07	3/4	2,137.11	3/4	1,840.14	3/4	1,543.51		
11	11	3,763.22	3,509.21	11	3,255.20	11	3,001.19	11	2,724.85	11	2,427.88	11	2,130.92	11	1,833.95	11	1,537.34		
1/4	1/4	3,757.93	3,503.92	1/4	3,249.91	1/4	2,995.90	1/4	2,718.66	1/4	2,421.69	1/4	2,124.74	1/4	1,827.77	1/4	1,531.17		
1/2	1/2	3,752.64	3,498.63	1/2	3,244.61	1/2	2,990.60	1/2	2,712.47	1/2	2,415.51	1/2	2,118.55	1/2	1,821.58	1/2	1,524.99		
3/4	3/4	3,747.34	3,493.33	3/4	3,239.32	3/4	2,985.31	3/4	2,706.29	3/4	2,409.32	3/4	2,112.36	3/4	1,815.39	3/4	1,518.82		

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 1112"

## 1 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	1,512.65	0	1,215.94	0	919.86	0	628.20	0	331.21	0	36.50	0		0		0		0	
1/4	1,506.48	1/4	1,209.76	1/4	913.83	1/4	622.01	1/4	325.03	1/4	30.88	1/4		1/4		1/4		1/4	
1/2	1,500.30	1/2	1,203.58	1/2	907.79	1/2	615.82	1/2	318.84	1/2	26.76	1/2		1/2		1/2		1/2	
3/4	1,494.13	3/4	1,197.39	3/4	901.75	3/4	609.63	3/4	312.65	3/4	22.63	3/4		3/4		3/4		3/4	
1	1,487.96	1	1,191.21	1	895.72	1	603.45	1	306.46	1	18.50	1		1		1		1	
1/4	1,481.78	1/4	1,185.03	1/4	889.68	1/4	597.26	1/4	300.28	1/4	14.37	1/4		1/4		1/4		1/4	
1/2	1,475.61	1/2	1,178.84	1/2	883.65	1/2	591.07	1/2	294.09	1/2	12.30	1/2		1/2		1/2		1/2	
3/4	1,469.44	3/4	1,172.66	3/4	877.61	3/4	584.89	3/4	287.90	3/4	10.24	3/4		3/4		3/4		3/4	
2	1,463.27	2	1,166.47	2	871.58	2	578.70	2	281.71	2	8.17	2		2		2		2	
1/4	1,457.09	1/4	1,160.29	1/4	865.54	1/4	572.51	1/4	275.53	1/4	6.11	1/4		1/4		1/4		1/4	
1/2	1,450.92	1/2	1,154.11	1/2	859.51	1/2	566.32	1/2	269.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,444.74	3/4	1,147.92	3/4	853.47	3/4	560.14	3/4	263.15	3/4		3/4		3/4		3/4		3/4	
3	1,438.56	3	1,141.74	3	847.44	3	553.95	3	256.97	3		3		3		3		3	
1/4	1,432.38	1/4	1,135.56	1/4	841.40	1/4	547.76	1/4	250.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,426.19	1/2	1,129.37	1/2	835.37	1/2	541.58	1/2	244.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,420.01	3/4	1,123.19	3/4	829.33	3/4	535.39	3/4	238.40	3/4		3/4		3/4		3/4		3/4	
4	1,413.83	4	1,117.00	4	823.30	4	529.20	4	232.21	4		4		4		4		4	
1/4	1,407.64	1/4	1,110.82	1/4	817.26	1/4	523.01	1/4	226.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,401.46	1/2	1,104.64	1/2	811.23	1/2	516.83	1/2	219.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,395.28	3/4	1,098.45	3/4	805.19	3/4	510.64	3/4	213.63	3/4		3/4		3/4		3/4		3/4	
5	1,389.09	5	1,092.27	5	799.16	5	504.45	5	207.44	5		5		5		5		5	
1/4	1,382.91	1/4	1,086.09	1/4	793.12	1/4	498.27	1/4	201.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,376.72	1/2	1,079.90	1/2	787.09	1/2	492.08	1/2	195.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,370.54	3/4	1,073.72	3/4	781.05	3/4	485.89	3/4	188.86	3/4		3/4		3/4		3/4		3/4	
6	1,364.36	6	1,067.53	6	775.02	6	479.70	6	182.67	6		6		6		6		6	
1/4	1,358.17	1/4	1,061.35	1/4	768.98	1/4	473.52	1/4	176.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,351.99	1/2	1,055.17	1/2	762.95	1/2	467.33	1/2	170.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,345.80	3/4	1,048.98	3/4	756.91	3/4	461.14	3/4	164.10	3/4		3/4		3/4		3/4		3/4	
7	1,339.62	7	1,042.80	7	750.88	7	454.96	7	157.91	7		7		7		7		7	
1/4	1,333.44	1/4	1,036.61	1/4	744.84	1/4	448.77	1/4	151.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,327.25	1/2	1,030.43	1/2	738.80	1/2	442.58	1/2	145.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,321.07	3/4	1,024.25	3/4	732.77	3/4	436.39	3/4	139.36	3/4		3/4		3/4		3/4		3/4	
8	1,314.89	8	1,018.06	8	726.73	8	430.21	8	133.17	8		8		8		8		8	
1/4	1,308.70	1/4	1,011.88	1/4	720.70	1/4	424.02	1/4	126.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,302.52	1/2	1,005.70	1/2	714.59	1/2	417.83	1/2	120.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,296.33	3/4	999.51	3/4	708.48	3/4	411.65	3/4	114.65	3/4		3/4		3/4		3/4		3/4	
9	1,290.15	9	993.33	9	702.36	9	405.46	9	108.48	9		9		9		9		9	
1/4	1,283.97	1/4	987.14	1/4	696.25	1/4	399.27	1/4	102.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,277.78	1/2	980.96	1/2	690.07	1/2	393.09	1/2	96.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,271.60	3/4	974.78	3/4	683.88	3/4	386.90	3/4	90.02	3/4		3/4		3/4		3/4		3/4	
10	1,265.42	10	968.59	10	677.69	10	380.71	10	83.88	10		10		10		10		10	
1/4	1,259.23	1/4	962.41	1/4	671.50	1/4	374.52	1/4	77.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,253.05	1/2	956.30	1/2	665.32	1/2	368.34	1/2	71.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,246.86	3/4	950.19	3/4	659.13	3/4	362.15	3/4	65.54	3/4		3/4		3/4		3/4		3/4	
11	1,240.68	11	944.08	11	652.94	11	355.96	11	59.44	11		11		11		11		11	
1/4	1,234.50	1/4	937.97	1/4	646.76	1/4	349.78	1/4	53.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,228.31	1/2	931.93	1/2	640.57	1/2	343.59	1/2	47.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,222.13	3/4	925.90	3/4	634.38	3/4	337.40	3/4	42.11	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 1112"

## 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	3,443.02	0	3,180.21	0	2,917.40	0	2,654.59	0	2,391.78	0	2,128.97	0	1,866.16	0	1,603.35		
1/4	1/4	1/4	3,437.54	1/4	3,174.73	1/4	2,911.92	1/4	2,649.11	1/4	2,386.30	1/4	2,123.49	1/4	1,860.68	1/4	1,597.88		
1/2	1/2	1/2	3,675.24	1/2	3,432.07	1/2	3,169.26	1/2	2,906.45	1/2	2,643.64	1/2	2,380.83	1/2	2,118.02	1/2	1,855.21	1/2	1,592.40
3/4	3/4	3/4	3,672.96	3/4	3,426.59	3/4	3,163.78	3/4	2,900.97	3/4	2,638.16	3/4	2,375.35	3/4	2,112.54	3/4	1,849.73	3/4	1,586.92
1	1	1	3,670.68	1	3,421.12	1	3,158.31	1	2,895.50	1	2,632.69	1	2,369.88	1	2,107.07	1	1,844.26	1	1,581.45
1/4	1/4	1/4	3,668.40	1/4	3,415.64	1/4	3,152.83	1/4	2,890.02	1/4	2,627.21	1/4	2,364.40	1/4	2,101.59	1/4	1,838.78	1/4	1,575.97
1/2	1/2	1/2	3,666.12	1/2	3,410.17	1/2	3,147.36	1/2	2,884.55	1/2	2,621.74	1/2	2,358.93	1/2	2,096.12	1/2	1,833.31	1/2	1,570.50
3/4	3/4	3/4	3,662.05	3/4	3,404.69	3/4	3,141.88	3/4	2,879.07	3/4	2,616.26	3/4	2,353.45	3/4	2,090.64	3/4	1,827.83	3/4	1,565.02
2	2	2	3,657.98	2	3,399.22	2	3,136.41	2	2,873.60	2	2,610.79	2	2,347.98	2	2,085.17	2	1,822.36	2	1,559.55
1/4	1/4	1/4	3,653.91	1/4	3,393.74	1/4	3,130.93	1/4	2,868.12	1/4	2,605.31	1/4	2,342.50	1/4	2,079.69	1/4	1,816.88	1/4	1,554.07
1/2	1/2	1/2	3,649.84	1/2	3,388.27	1/2	3,125.46	1/2	2,862.65	1/2	2,599.84	1/2	2,337.03	1/2	2,074.22	1/2	1,811.41	1/2	1,548.60
3/4	3/4	3/4	3,644.65	3/4	3,382.79	3/4	3,119.98	3/4	2,857.17	3/4	2,594.36	3/4	2,331.55	3/4	2,068.74	3/4	1,805.93	3/4	1,543.12
3	3	3	3,639.46	3	3,377.32	3	3,114.51	3	2,851.70	3	2,588.89	3	2,326.08	3	2,063.27	3	1,800.46	3	1,537.65
1/4	1/4	1/4	3,634.26	1/4	3,371.84	1/4	3,109.03	1/4	2,846.22	1/4	2,583.41	1/4	2,320.60	1/4	2,057.79	1/4	1,794.98	1/4	1,532.17
1/2	1/2	1/2	3,629.07	1/2	3,366.36	1/2	3,103.56	1/2	2,840.75	1/2	2,577.94	1/2	2,315.13	1/2	2,052.32	1/2	1,789.51	1/2	1,526.70
3/4	3/4	3/4	3,623.62	3/4	3,360.89	3/4	3,098.08	3/4	2,835.27	3/4	2,572.46	3/4	2,309.65	3/4	2,046.84	3/4	1,784.03	3/4	1,521.22
4	4	4	3,618.16	4	3,355.41	4	3,092.60	4	2,829.80	4	2,566.99	4	2,304.18	4	2,041.37	4	1,778.56	4	1,515.75
1/4	1/4	1/4	3,612.71	1/4	3,349.94	1/4	3,087.13	1/4	2,824.32	1/4	2,561.51	1/4	2,298.70	1/4	2,035.89	1/4	1,773.08	1/4	1,510.27
1/2	1/2	1/2	3,607.25	1/2	3,344.46	1/2	3,081.65	1/2	2,818.84	1/2	2,556.04	1/2	2,293.23	1/2	2,030.42	1/2	1,767.61	1/2	1,504.80
3/4	3/4	3/4	3,601.78	3/4	3,338.99	3/4	3,076.18	3/4	2,813.37	3/4	2,550.56	3/4	2,287.75	3/4	2,024.94	3/4	1,762.13	3/4	1,499.32
5	5	5	3,596.31	5	3,333.51	5	3,070.70	5	2,807.89	5	2,545.08	5	2,282.28	5	2,019.47	5	1,756.66	5	1,493.85
1/4	1/4	1/4	3,590.84	1/4	3,328.04	1/4	3,065.23	1/4	2,802.42	1/4	2,539.61	1/4	2,276.80	1/4	2,013.99	1/4	1,751.18	1/4	1,488.37
1/2	1/2	1/2	3,585.37	1/2	3,322.56	1/2	3,059.75	1/2	2,796.94	1/2	2,534.13	1/2	2,271.32	1/2	2,008.52	1/2	1,745.71	1/2	1,482.90
3/4	3/4	3/4	3,579.90	3/4	3,317.09	3/4	3,054.28	3/4	2,791.47	3/4	2,528.66	3/4	2,265.85	3/4	2,003.04	3/4	1,740.23	3/4	1,477.42
6	6	6	3,574.42	6	3,311.61	6	3,048.80	6	2,785.99	6	2,523.18	6	2,260.37	6	1,997.56	6	1,734.76	6	1,471.95
1/4	1/4	1/4	3,568.95	1/4	3,306.14	1/4	3,043.33	1/4	2,780.52	1/4	2,517.71	1/4	2,254.90	1/4	1,992.09	1/4	1,729.28	1/4	1,466.47
1/2	1/2	1/2	3,563.47	1/2	3,300.66	1/2	3,037.85	1/2	2,775.04	1/2	2,512.23	1/2	2,249.42	1/2	1,986.61	1/2	1,723.80	1/2	1,461.00
3/4	3/4	3/4	3,558.00	3/4	3,295.19	3/4	3,032.38	3/4	2,769.57	3/4	2,506.76	3/4	2,243.95	3/4	1,981.14	3/4	1,718.33	3/4	1,455.52
7	7	7	3,552.52	7	3,289.71	7	3,026.90	7	2,764.09	7	2,501.28	7	2,238.47	7	1,975.66	7	1,712.85	7	1,450.04
1/4	1/4	1/4	3,547.05	1/4	3,284.24	1/4	3,021.43	1/4	2,758.62	1/4	2,495.81	1/4	2,233.00	1/4	1,970.19	1/4	1,707.38	1/4	1,444.57
1/2	1/2	1/2	3,541.57	1/2	3,278.76	1/2	3,015.95	1/2	2,753.14	1/2	2,490.33	1/2	2,227.52	1/2	1,964.71	1/2	1,701.90	1/2	1,439.09
3/4	3/4	3/4	3,536.10	3/4	3,273.29	3/4	3,010.48	3/4	2,747.67	3/4	2,484.86	3/4	2,222.05	3/4	1,959.24	3/4	1,696.43	3/4	1,433.62
8	8	8	3,530.62	8	3,267.81	8	3,005.00	8	2,742.19	8	2,479.38	8	2,216.57	8	1,953.76	8	1,690.95	8	1,428.14
1/4	1/4	1/4	3,525.15	1/4	3,262.34	1/4	2,999.53	1/4	2,736.72	1/4	2,473.91	1/4	2,211.10	1/4	1,948.29	1/4	1,685.48	1/4	1,422.67
1/2	1/2	1/2	3,519.67	1/2	3,256.86	1/2	2,994.05	1/2	2,731.24	1/2	2,468.43	1/2	2,205.62	1/2	1,942.81	1/2	1,680.00	1/2	1,417.19
3/4	3/4	3/4	3,514.20	3/4	3,251.39	3/4	2,988.58	3/4	2,725.77	3/4	2,462.96	3/4	2,200.15	3/4	1,937.34	3/4	1,674.53	3/4	1,411.72
9	9	9	3,508.72	9	3,245.91	9	2,983.10	9	2,720.29	9	2,457.48	9	2,194.67	9	1,931.86	9	1,669.05	9	1,406.24
1/4	1/4	1/4	3,503.24	1/4	3,240.44	1/4	2,977.63	1/4	2,714.82	1/4	2,452.01	1/4	2,189.20	1/4	1,926.39	1/4	1,663.58	1/4	1,400.77
1/2	1/2	1/2	3,497.77	1/2	3,234.96	1/2	2,972.15	1/2	2,709.34	1/2	2,446.53	1/2	2,183.72	1/2	1,920.91	1/2	1,658.10	1/2	1,395.29
3/4	3/4	3/4	3,492.29	3/4	3,229.48	3/4	2,966.68	3/4	2,703.87	3/4	2,441.06	3/4	2,178.25	3/4	1,915.44	3/4	1,652.63	3/4	1,389.82
10	10	10	3,486.82	10	3,224.01	10	2,961.20	10	2,698.39	10	2,435.58	10	2,172.77	10	1,909.96	10	1,647.15	10	1,384.34
1/4	1/4	1/4	3,481.34	1/4	3,218.53	1/4	2,955.72	1/4	2,692.92	1/4	2,430.11	1/4	2,167.30	1/4	1,904.49	1/4	1,641.68	1/4	1,378.87
1/2	1/2	1/2	3,475.87	1/2	3,213.06	1/2	2,950.25	1/2	2,687.44	1/2	2,424.63	1/2	2,161.82	1/2	1,899.01	1/2	1,636.20	1/2	1,373.39
3/4	3/4	3/4	3,470.39	3/4	3,207.58	3/4	2,944.77	3/4	2,681.96	3/4	2,419.16	3/4	2,156.35	3/4	1,893.54	3/4	1,630.73	3/4	1,367.92
11	11	11	3,464.92	11	3,202.11	11	2,939.30	11	2,676.49	11	2,413.68	11	2,150.87	11	1,888.06	11	1,625.25	11	1,362.44
1/4	1/4	1/4	3,459.44	1/4	3,196.63	1/4	2,933.82	1/4	2,671.01	1/4	2,408.20	1/4	2,145.40	1/4	1,882.59	1/4	1,619.78	1/4	1,356.97
1/2	1/2	1/2	3,453.97	1/2	3,191.16	1/2	2,928.35	1/2	2,665.54	1/2	2,402.73	1/2	2,139.92	1/2	1,877.11	1/2	1,614.30	1/2	1,351.49
3/4	3/4	3/4	3,448.49	3/4	3,185.68	3/4	2,922.87	3/4	2,660.06	3/4	2,397.25	3/4	2,134.44	3/4	1,871.64	3/4	1,608.83	3/4	1,346.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO 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 1112"

## 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	1,340.54	0	1,077.73	0	815.52	0	558.10	0	295.30	0	34.25	0		0		0		0	
1/4	1,335.07	1/4	1,072.26	1/4	810.19	1/4	552.63	1/4	289.83	1/4	29.29	1/4		1/4		1/4		1/4	
1/2	1,329.59	1/2	1,066.78	1/2	804.86	1/2	547.15	1/2	284.35	1/2	24.33	1/2		1/2		1/2		1/2	
3/4	1,324.12	3/4	1,061.31	3/4	799.54	3/4	541.68	3/4	278.88	3/4	20.69	3/4		3/4		3/4		3/4	
1	1,318.64	1	1,055.83	1	794.21	1	536.20	1	273.40	1	17.04	1		1		1		1	
1/4	1,313.16	1/4	1,050.36	1/4	788.88	1/4	530.73	1/4	267.93	1/4	13.40	1/4		1/4		1/4		1/4	
1/2	1,307.69	1/2	1,044.88	1/2	783.56	1/2	525.25	1/2	262.45	1/2	9.75	1/2		1/2		1/2		1/2	
3/4	1,302.21	3/4	1,039.40	3/4	778.23	3/4	519.78	3/4	256.98	3/4	7.92	3/4		3/4		3/4		3/4	
2	1,296.74	2	1,033.93	2	772.91	2	514.30	2	251.50	2	6.10	2		2		2		2	
1/4	1,291.26	1/4	1,028.45	1/4	767.58	1/4	508.83	1/4	246.03	1/4	4.27	1/4		1/4		1/4		1/4	
1/2	1,285.79	1/2	1,022.98	1/2	762.26	1/2	503.35	1/2	240.55	1/2	2.45	1/2		1/2		1/2		1/2	
3/4	1,280.31	3/4	1,017.50	3/4	756.93	3/4	497.88	3/4	235.08	3/4		3/4		3/4		3/4		3/4	
3	1,274.84	3	1,012.03	3	751.61	3	492.40	3	229.60	3		3		3		3		3	
1/4	1,269.36	1/4	1,006.55	1/4	746.28	1/4	486.93	1/4	224.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.89	1/2	1,001.08	1/2	740.96	1/2	481.45	1/2	218.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.41	3/4	995.60	3/4	735.63	3/4	475.98	3/4	213.18	3/4		3/4		3/4		3/4		3/4	
4	1,252.94	4	990.13	4	730.31	4	470.50	4	207.70	4		4		4		4		4	
1/4	1,247.46	1/4	984.65	1/4	724.98	1/4	465.03	1/4	202.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,241.99	1/2	979.18	1/2	719.66	1/2	459.55	1/2	196.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,236.51	3/4	973.70	3/4	714.33	3/4	454.08	3/4	191.28	3/4		3/4		3/4		3/4		3/4	
5	1,231.04	5	968.23	5	709.00	5	448.60	5	185.80	5		5		5		5		5	
1/4	1,225.56	1/4	962.75	1/4	703.68	1/4	443.13	1/4	180.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,220.09	1/2	957.28	1/2	698.35	1/2	437.65	1/2	174.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,214.61	3/4	951.80	3/4	693.03	3/4	432.18	3/4	169.38	3/4		3/4		3/4		3/4		3/4	
6	1,209.14	6	946.33	6	687.70	6	426.70	6	163.90	6		6		6		6		6	
1/4	1,203.66	1/4	940.85	1/4	682.38	1/4	421.23	1/4	158.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.19	1/2	935.38	1/2	677.05	1/2	415.75	1/2	152.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,192.71	3/4	929.90	3/4	671.73	3/4	410.28	3/4	147.48	3/4		3/4		3/4		3/4		3/4	
7	1,187.24	7	924.43	7	666.40	7	404.80	7	142.01	7		7		7		7		7	
1/4	1,181.76	1/4	918.95	1/4	661.08	1/4	399.33	1/4	136.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,176.28	1/2	913.48	1/2	655.75	1/2	393.85	1/2	131.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,170.81	3/4	908.00	3/4	650.43	3/4	388.38	3/4	125.61	3/4		3/4		3/4		3/4		3/4	
8	1,165.33	8	902.52	8	645.10	8	382.90	8	120.14	8		8		8		8		8	
1/4	1,159.86	1/4	897.05	1/4	639.78	1/4	377.43	1/4	114.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,154.38	1/2	891.57	1/2	634.45	1/2	371.95	1/2	109.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,148.91	3/4	886.10	3/4	629.05	3/4	366.48	3/4	103.76	3/4		3/4		3/4		3/4		3/4	
9	1,143.43	9	880.62	9	623.65	9	361.00	9	98.32	9		9		9		9		9	
1/4	1,137.96	1/4	875.15	1/4	618.25	1/4	355.53	1/4	92.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,132.48	1/2	869.67	1/2	612.85	1/2	350.05	1/2	87.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,127.01	3/4	864.20	3/4	607.38	3/4	344.58	3/4	81.99	3/4		3/4		3/4		3/4		3/4	
10	1,121.53	10	858.72	10	601.90	10	339.10	10	76.56	10		10		10		10		10	
1/4	1,116.06	1/4	853.25	1/4	596.43	1/4	333.63	1/4	71.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,110.58	1/2	847.77	1/2	590.95	1/2	328.15	1/2	65.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,105.11	3/4	842.37	3/4	585.48	3/4	322.68	3/4	60.33	3/4		3/4		3/4		3/4		3/4	
11	1,099.63	11	836.97	11	580.00	11	317.20	11	54.94	11		11		11		11		11	
1/4	1,094.16	1/4	831.57	1/4	574.53	1/4	311.73	1/4	49.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,088.68	1/2	826.17	1/2	569.05	1/2	306.25	1/2	44.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,083.21	3/4	820.84	3/4	563.58	3/4	300.78	3/4	39.21	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 1112"

## 3 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	3,434.32	0	3,173.43	0	2,912.54	0	2,651.64	0	2,390.75	0	2,129.85	0	1,868.96	0	1,608.06		
1/4	1/4	1/4	3,428.89	1/4	3,167.99	1/4	2,907.10	1/4	2,646.21	1/4	2,385.31	1/4	2,124.42	1/4	1,863.52	1/4	1,602.63		
1/2	1/2	1/2	3,423.45	1/2	3,162.56	1/2	2,901.66	1/2	2,640.77	1/2	2,379.88	1/2	2,118.98	1/2	1,858.09	1/2	1,597.19		
3/4	3/4	3/4	3,418.02	3/4	3,157.12	3/4	2,896.23	3/4	2,635.34	3/4	2,374.44	3/4	2,113.55	3/4	1,852.65	3/4	1,591.76		
1	1	1	3,653.99	1	3,412.58	1	3,151.69	1	2,890.79	1	2,629.90	1	2,369.01	1	2,108.11	1	1,847.22	1	1,586.32
1/4	1/4	1/4	3,651.72	1/4	3,407.15	1/4	3,146.25	1/4	2,885.36	1/4	2,624.46	1/4	2,363.57	1/4	2,102.68	1/4	1,841.78	1/4	1,580.89
1/2	1/2	1/2	3,649.46	1/2	3,401.71	1/2	3,140.82	1/2	2,879.92	1/2	2,619.03	1/2	2,358.13	1/2	2,097.24	1/2	1,836.35	1/2	1,575.45
3/4	3/4	3/4	3,647.19	3/4	3,396.28	3/4	3,135.38	3/4	2,874.49	3/4	2,613.59	3/4	2,352.70	3/4	2,091.81	3/4	1,830.91	3/4	1,570.02
2	2	2	3,644.93	2	3,390.84	2	3,129.95	2	2,869.05	2	2,608.16	2	2,347.26	2	2,086.37	2	1,825.48	2	1,564.58
1/4	1/4	1/4	3,640.89	1/4	3,385.41	1/4	3,124.51	1/4	2,863.62	1/4	2,602.72	1/4	2,341.83	1/4	2,080.93	1/4	1,820.04	1/4	1,559.15
1/2	1/2	1/2	3,636.85	1/2	3,379.97	1/2	3,119.08	1/2	2,858.18	1/2	2,597.29	1/2	2,336.39	1/2	2,075.50	1/2	1,814.60	1/2	1,553.71
3/4	3/4	3/4	3,632.81	3/4	3,374.54	3/4	3,113.64	3/4	2,852.75	3/4	2,591.85	3/4	2,330.96	3/4	2,070.06	3/4	1,809.17	3/4	1,548.28
3	3	3	3,628.77	3	3,369.10	3	3,108.21	3	2,847.31	3	2,586.42	3	2,325.52	3	2,064.63	3	1,803.73	3	1,542.84
1/4	1/4	1/4	3,623.62	1/4	3,363.67	1/4	3,102.77	1/4	2,841.88	1/4	2,580.98	1/4	2,320.09	1/4	2,059.19	1/4	1,798.30	1/4	1,537.40
1/2	1/2	1/2	3,618.46	1/2	3,358.23	1/2	3,097.34	1/2	2,836.44	1/2	2,575.55	1/2	2,314.65	1/2	2,053.76	1/2	1,792.86	1/2	1,531.97
3/4	3/4	3/4	3,613.31	3/4	3,352.79	3/4	3,091.90	3/4	2,831.01	3/4	2,570.11	3/4	2,309.22	3/4	2,048.32	3/4	1,787.43	3/4	1,526.53
4	4	4	3,608.15	4	3,347.36	4	3,086.47	4	2,825.57	4	2,564.68	4	2,303.78	4	2,042.89	4	1,781.99	4	1,521.10
1/4	1/4	1/4	3,602.74	1/4	3,341.92	1/4	3,081.03	1/4	2,820.14	1/4	2,559.24	1/4	2,298.35	1/4	2,037.45	1/4	1,776.56	1/4	1,515.66
1/2	1/2	1/2	3,597.32	1/2	3,336.49	1/2	3,075.59	1/2	2,814.70	1/2	2,553.81	1/2	2,292.91	1/2	2,032.02	1/2	1,771.12	1/2	1,510.23
3/4	3/4	3/4	3,591.91	3/4	3,331.05	3/4	3,070.16	3/4	2,809.26	3/4	2,548.37	3/4	2,287.48	3/4	2,026.58	3/4	1,765.69	3/4	1,504.79
5	5	5	3,586.49	5	3,325.62	5	3,064.72	5	2,803.83	5	2,542.94	5	2,282.04	5	2,021.15	5	1,760.25	5	1,499.36
1/4	1/4	1/4	3,581.06	1/4	3,320.18	1/4	3,059.29	1/4	2,798.39	1/4	2,537.50	1/4	2,276.61	1/4	2,015.71	1/4	1,754.82	1/4	1,493.92
1/2	1/2	1/2	3,575.63	1/2	3,314.75	1/2	3,053.85	1/2	2,792.96	1/2	2,532.06	1/2	2,271.17	1/2	2,010.28	1/2	1,749.38	1/2	1,488.49
3/4	3/4	3/4	3,570.20	3/4	3,309.31	3/4	3,048.42	3/4	2,787.52	3/4	2,526.63	3/4	2,265.73	3/4	2,004.84	3/4	1,743.95	3/4	1,483.05
6	6	6	3,564.77	6	3,303.88	6	3,042.98	6	2,782.09	6	2,521.19	6	2,260.30	6	1,999.41	6	1,738.51	6	1,477.62
1/4	1/4	1/4	3,559.34	1/4	3,298.44	1/4	3,037.55	1/4	2,776.65	1/4	2,515.76	1/4	2,254.86	1/4	1,993.97	1/4	1,733.08	1/4	1,472.18
1/2	1/2	1/2	3,553.90	1/2	3,293.01	1/2	3,032.11	1/2	2,771.22	1/2	2,510.32	1/2	2,249.43	1/2	1,988.53	1/2	1,727.64	1/2	1,466.75
3/4	3/4	3/4	3,548.47	3/4	3,287.57	3/4	3,026.68	3/4	2,765.78	3/4	2,504.89	3/4	2,243.99	3/4	1,983.10	3/4	1,722.20	3/4	1,461.31
7	7	7	3,543.03	7	3,282.14	7	3,021.24	7	2,760.35	7	2,499.45	7	2,238.56	7	1,977.66	7	1,717.77	7	1,455.88
1/4	1/4	1/4	3,537.60	1/4	3,276.70	1/4	3,015.81	1/4	2,754.91	1/4	2,494.02	1/4	2,233.12	1/4	1,972.23	1/4	1,711.33	1/4	1,450.44
1/2	1/2	1/2	3,532.16	1/2	3,271.27	1/2	3,010.37	1/2	2,749.48	1/2	2,488.58	1/2	2,227.69	1/2	1,966.79	1/2	1,705.90	1/2	1,445.00
3/4	3/4	3/4	3,526.72	3/4	3,265.83	3/4	3,004.94	3/4	2,744.04	3/4	2,483.15	3/4	2,222.25	3/4	1,961.36	3/4	1,700.46	3/4	1,439.57
8	8	8	3,521.29	8	3,260.39	8	2,999.50	8	2,738.61	8	2,477.71	8	2,216.82	8	1,955.92	8	1,695.03	8	1,434.13
1/4	1/4	1/4	3,515.85	1/4	3,254.96	1/4	2,994.07	1/4	2,733.17	1/4	2,472.28	1/4	2,211.38	1/4	1,950.49	1/4	1,689.59	1/4	1,428.70
1/2	1/2	1/2	3,510.42	1/2	3,249.52	1/2	2,988.63	1/2	2,727.74	1/2	2,466.84	1/2	2,205.95	1/2	1,945.05	1/2	1,684.16	1/2	1,423.26
3/4	3/4	3/4	3,504.98	3/4	3,244.09	3/4	2,983.19	3/4	2,722.30	3/4	2,461.41	3/4	2,200.51	3/4	1,939.62	3/4	1,678.72	3/4	1,417.83
9	9	9	3,499.55	9	3,238.65	9	2,977.76	9	2,716.86	9	2,455.97	9	2,195.08	9	1,934.18	9	1,673.29	9	1,412.39
1/4	1/4	1/4	3,494.11	1/4	3,233.22	1/4	2,972.32	1/4	2,711.43	1/4	2,450.54	1/4	2,189.64	1/4	1,928.75	1/4	1,667.85	1/4	1,406.96
1/2	1/2	1/2	3,488.68	1/2	3,227.78	1/2	2,966.89	1/2	2,705.99	1/2	2,445.10	1/2	2,184.21	1/2	1,923.31	1/2	1,662.42	1/2	1,401.52
3/4	3/4	3/4	3,483.24	3/4	3,222.35	3/4	2,961.45	3/4	2,700.56	3/4	2,439.66	3/4	2,178.77	3/4	1,917.88	3/4	1,656.98	3/4	1,396.09
10	10	10	3,477.81	10	3,216.91	10	2,956.02	10	2,695.12	10	2,434.23	10	2,173.33	10	1,912.44	10	1,651.55	10	1,390.65
1/4	1/4	1/4	3,472.37	1/4	3,211.48	1/4	2,950.58	1/4	2,689.69	1/4	2,428.79	1/4	2,167.90	1/4	1,907.01	1/4	1,646.11	1/4	1,385.22
1/2	1/2	1/2	3,466.94	1/2	3,206.04	1/2	2,945.15	1/2	2,684.25	1/2	2,423.36	1/2	2,162.46	1/2	1,901.57	1/2	1,640.68	1/2	1,379.78
3/4	3/4	3/4	3,461.50	3/4	3,200.61	3/4	2,939.71	3/4	2,678.82	3/4	2,417.92	3/4	2,157.03	3/4	1,896.13	3/4	1,635.24	3/4	1,374.35
11	11	11	3,456.07	11	3,195.17	11	2,934.28	11	2,673.38	11	2,412.49	11	2,151.59	11	1,890.70	11	1,629.80	11	1,368.91
1/4	1/4	1/4	3,450.63	1/4	3,189.74	1/4	2,928.84	1/4	2,667.95	1/4	2,407.05	1/4	2,146.16	1/4	1,885.26	1/4	1,624.37	1/4	1,363.48
1/2	1/2	1/2	3,445.20	1/2	3,184.30	1/2	2,923.41	1/2	2,662.51	1/2	2,401.62	1/2	2,140.72	1/2	1,879.83	1/2	1,618.93	1/2	1,358.04
3/4	3/4	3/4	3,439.76	3/4	3,178.87	3/4	2,917.97	3/4	2,657.08	3/4	2,396.18	3/4	2,135.29	3/4	1,874.39	3/4	1,613.50	3/4	1,352.60

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "IB 1112"

## 3 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	1,347.17	0	1,086.27	0	825.40	0	564.91	0	304.03	0	43.85	0		0		0		0	
1/4	1,341.73	1/4	1,080.84	1/4	819.97	1/4	559.47	1/4	298.59	1/4	38.93	1/4		1/4		1/4		1/4	
1/2	1,336.30	1/2	1,075.40	1/2	814.55	1/2	554.04	1/2	293.15	1/2	34.01	1/2		1/2		1/2		1/2	
3/4	1,330.86	3/4	1,069.97	3/4	809.12	3/4	548.60	3/4	287.72	3/4	29.08	3/4		3/4		3/4		3/4	
1	1,325.43	1	1,064.53	1	803.70	1	543.17	1	282.28	1	24.16	1		1		1		1	
1/4	1,319.99	1/4	1,059.10	1/4	798.27	1/4	537.73	1/4	276.85	1/4	20.54	1/4		1/4		1/4		1/4	
1/2	1,314.56	1/2	1,053.66	1/2	792.84	1/2	532.30	1/2	271.41	1/2	16.92	1/2		1/2		1/2		1/2	
3/4	1,309.12	3/4	1,048.23	3/4	787.42	3/4	526.86	3/4	265.98	3/4	13.30	3/4		3/4		3/4		3/4	
2	1,303.69	2	1,042.79	2	781.99	2	521.43	2	260.54	2	9.68	2		2		2		2	
1/4	1,298.25	1/4	1,037.36	1/4	776.57	1/4	515.99	1/4	255.11	1/4	7.87	1/4		1/4		1/4		1/4	
1/2	1,292.82	1/2	1,031.92	1/2	771.15	1/2	510.56	1/2	249.67	1/2	6.06	1/2		1/2		1/2		1/2	
3/4	1,287.38	3/4	1,026.49	3/4	765.72	3/4	505.12	3/4	244.24	3/4	4.25	3/4		3/4		3/4		3/4	
3	1,281.95	3	1,021.05	3	760.30	3	499.69	3	238.80	3	2.44	3		3		3		3	
1/4	1,276.51	1/4	1,015.62	1/4	754.87	1/4	494.25	1/4	233.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,271.07	1/2	1,010.18	1/2	749.45	1/2	488.82	1/2	227.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,265.64	3/4	1,004.75	3/4	744.02	3/4	483.38	3/4	222.50	3/4		3/4		3/4		3/4		3/4	
4	1,260.20	4	999.31	4	738.60	4	477.95	4	217.06	4		4		4		4		4	
1/4	1,254.77	1/4	993.87	1/4	733.17	1/4	472.51	1/4	211.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,249.33	1/2	988.44	1/2	727.75	1/2	467.08	1/2	206.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,243.90	3/4	983.00	3/4	722.32	3/4	461.64	3/4	200.76	3/4		3/4		3/4		3/4		3/4	
5	1,238.46	5	977.57	5	716.90	5	456.21	5	195.32	5		5		5		5		5	
1/4	1,233.03	1/4	972.13	1/4	711.48	1/4	450.77	1/4	189.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,227.59	1/2	966.70	1/2	706.05	1/2	445.34	1/2	184.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,222.16	3/4	961.26	3/4	700.63	3/4	439.90	3/4	179.02	3/4		3/4		3/4		3/4		3/4	
6	1,216.72	6	955.83	6	695.20	6	434.47	6	173.58	6		6		6		6		6	
1/4	1,211.29	1/4	950.39	1/4	689.78	1/4	429.03	1/4	168.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,205.85	1/2	944.96	1/2	684.35	1/2	423.60	1/2	162.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,200.42	3/4	939.52	3/4	678.93	3/4	418.16	3/4	157.28	3/4		3/4		3/4		3/4		3/4	
7	1,194.98	7	934.09	7	673.50	7	412.73	7	151.85	7		7		7		7		7	
1/4	1,189.55	1/4	928.65	1/4	668.08	1/4	407.29	1/4	146.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,184.11	1/2	923.22	1/2	662.66	1/2	401.86	1/2	140.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,178.67	3/4	917.78	3/4	657.23	3/4	396.42	3/4	135.55	3/4		3/4		3/4		3/4		3/4	
8	1,173.24	8	912.35	8	651.81	8	390.99	8	130.12	8		8		8		8		8	
1/4	1,167.80	1/4	906.91	1/4	646.38	1/4	385.55	1/4	124.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,162.37	1/2	901.47	1/2	640.96	1/2	380.12	1/2	119.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,156.93	3/4	896.04	3/4	635.53	3/4	374.68	3/4	113.85	3/4		3/4		3/4		3/4		3/4	
9	1,151.50	9	890.60	9	630.11	9	369.25	9	108.42	9		9		9		9		9	
1/4	1,146.06	1/4	885.17	1/4	624.68	1/4	363.81	1/4	103.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,140.63	1/2	879.73	1/2	619.25	1/2	358.38	1/2	97.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,135.19	3/4	874.30	3/4	613.82	3/4	352.94	3/4	92.19	3/4		3/4		3/4		3/4		3/4	
10	1,129.76	10	868.86	10	608.39	10	347.51	10	86.79	10		10		10		10		10	
1/4	1,124.32	1/4	863.43	1/4	602.96	1/4	342.07	1/4	81.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,118.89	1/2	857.99	1/2	597.52	1/2	336.64	1/2	76.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,113.45	3/4	852.56	3/4	592.09	3/4	331.20	3/4	70.63	3/4		3/4		3/4		3/4		3/4	
11	1,108.02	11	847.12	11	586.65	11	325.77	11	65.24	11		11		11		11		11	
1/4	1,102.58	1/4	841.69	1/4	581.22	1/4	320.33	1/4	59.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,097.15	1/2	836.26	1/2	575.78	1/2	314.90	1/2	54.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,091.71	3/4	830.83	3/4	570.35	3/4	309.46	3/4	49.20	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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