

BARGE "IB 1976"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

September 7, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1976"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	3,642.48	0	3,482.77	0	3,297.52	0	3,112.26	0	2,886.90	0	2,600.71	0	2,314.72	0	2,028.75	0	1,742.76	0	
1/4	1/4	3,642.23	1/4	3,478.91	1/4	3,293.66	1/4	3,108.40	1/4	2,880.33	1/4	2,594.75	1/4	2,308.76	1/4	2,022.79	1/4	1,736.80	1/4	1,450.81
1/2	1/2	3,640.74	1/2	3,475.06	1/2	3,289.80	1/2	3,104.54	1/2	2,874.96	1/2	2,588.79	1/2	2,302.81	1/2	2,016.83	1/2	1,730.84	1/2	1,444.85
3/4	3/4	3,639.25	3/4	3,471.20	3/4	3,285.94	3/4	3,100.68	3/4	2,869.99	3/4	2,582.88	3/4	2,296.85	3/4	2,010.87	3/4	1,724.88	3/4	1,438.89
1	1	3,637.75	1	3,467.34	1	3,282.08	1	3,096.82	1	2,867.02	1	2,576.88	1	2,290.89	1	2,004.92	1	1,718.92	1	1,432.93
1/4	1/4	3,636.26	1/4	3,463.48	1/4	3,278.22	1/4	3,092.96	1/4	2,862.05	1/4	2,570.92	1/4	2,284.94	1/4	2,000.97	1/4	1,714.96	1/4	1,428.97
1/2	1/2	3,634.89	1/2	3,459.52	1/2	3,273.36	1/2	3,088.11	1/2	2,851.08	1/2	2,564.96	1/2	2,278.98	1/2	1,994.01	1/2	1,708.01	1/2	1,424.98
3/4	3/4	3,633.52	3/4	3,455.76	3/4	3,270.50	3/4	3,085.25	3/4	2,846.11	3/4	2,559.00	3/4	2,273.02	3/4	1,987.04	3/4	1,701.05	3/4	1,420.04
2	2	3,632.15	2	3,451.90	2	3,266.64	2	3,081.59	2	2,839.14	2	2,553.04	2	2,267.06	2	1,981.08	2	1,695.09	2	1,416.05
1/4	1/4	3,630.77	1/4	3,448.04	1/4	3,262.78	1/4	3,077.53	1/4	2,833.17	1/4	2,547.09	1/4	2,261.11	1/4	1,975.12	1/4	1,689.13	1/4	1,412.06
1/2	1/2	3,627.50	1/2	3,444.18	1/2	3,258.92	1/2	3,073.67	1/2	2,827.20	1/2	2,541.13	1/2	2,255.15	1/2	1,969.17	1/2	1,683.17	1/2	1,408.07
3/4	3/4	3,624.22	3/4	3,440.32	3/4	3,255.06	3/4	3,069.81	3/4	2,821.23	3/4	2,535.17	3/4	2,249.19	3/4	1,963.21	3/4	1,677.21	3/4	1,404.04
3	3	3,620.94	3	3,436.46	3	3,251.20	3	3,065.95	3	2,815.26	3	2,529.21	3	2,243.23	3	1,957.25	3	1,671.26	3	1,400.01
1/4	1/4	3,617.66	1/4	3,432.60	1/4	3,247.34	1/4	3,062.09	1/4	2,809.29	1/4	2,523.25	1/4	2,237.28	1/4	1,951.29	1/4	1,665.30	1/4	1,396.04
1/2	1/2	3,613.84	1/2	3,428.74	1/2	3,243.49	1/2	3,058.32	1/2	2,803.32	1/2	2,517.30	1/2	2,231.32	1/2	1,945.33	1/2	1,659.34	1/2	1,392.01
3/4	3/4	3,610.02	3/4	3,424.88	3/4	3,238.63	3/4	3,054.37	3/4	2,797.35	3/4	2,511.34	3/4	2,225.36	3/4	1,939.38	3/4	1,653.39	3/4	1,388.01
4	4	3,606.20	4	3,421.02	4	3,233.77	4	3,050.51	4	2,791.38	4	2,505.38	4	2,219.40	4	1,933.42	4	1,647.42	4	1,384.01
1/4	1/4	3,602.38	1/4	3,417.16	1/4	3,228.05	1/4	3,046.55	1/4	2,785.41	1/4	2,499.42	1/4	2,213.45	1/4	1,927.46	1/4	1,641.47	1/4	1,380.01
1/2	1/2	3,598.53	1/2	3,413.30	1/2	3,223.19	1/2	3,042.79	1/2	2,779.46	1/2	2,493.46	1/2	2,207.49	1/2	1,921.50	1/2	1,635.51	1/2	1,376.01
3/4	3/4	3,594.68	3/4	3,409.44	3/4	3,224.19	3/4	3,038.53	3/4	2,773.50	3/4	2,487.50	3/4	2,201.53	3/4	1,915.54	3/4	1,629.55	3/4	1,372.01
5	5	3,590.83	5	3,405.58	5	3,220.33	5	3,035.07	5	2,767.54	5	2,481.55	5	2,195.57	5	1,909.58	5	1,623.59	5	1,368.01
1/4	1/4	3,586.98	1/4	3,401.72	1/4	3,216.47	1/4	3,031.21	1/4	2,761.58	1/4	2,475.54	1/4	2,189.52	1/4	1,903.56	1/4	1,617.53	1/4	1,364.01
1/2	1/2	3,583.12	1/2	3,397.87	1/2	3,212.61	1/2	3,027.35	1/2	2,755.62	1/2	2,469.63	1/2	2,183.66	1/2	1,897.67	1/2	1,611.59	1/2	1,360.01
3/4	3/4	3,579.26	3/4	3,394.01	3/4	3,208.75	3/4	3,023.49	3/4	2,749.67	3/4	2,463.71	3/4	2,177.70	3/4	1,891.71	3/4	1,605.75	3/4	1,356.01
6	6	3,575.40	6	3,390.15	6	3,204.89	6	3,019.63	6	2,743.71	6	2,457.71	6	2,171.74	6	1,885.75	6	1,599.80	6	1,352.01
1/4	1/4	3,571.54	1/4	3,386.29	1/4	3,201.03	1/4	3,015.77	1/4	2,737.75	1/4	2,451.76	1/4	2,165.79	1/4	1,879.79	1/4	1,593.86	1/4	1,348.01
1/2	1/2	3,567.68	1/2	3,382.43	1/2	3,197.17	1/2	3,011.91	1/2	2,731.79	1/2	2,445.80	1/2	2,159.83	1/2	1,873.84	1/2	1,587.91	1/2	1,344.01
3/4	3/4	3,563.82	3/4	3,378.57	3/4	3,193.31	3/4	3,008.06	3/4	2,725.83	3/4	2,439.84	3/4	2,153.87	3/4	1,871.88	3/4	1,581.97	3/4	1,340.01
7	7	3,559.96	7	3,374.71	7	3,189.45	7	3,004.20	7	2,719.87	7	2,433.88	7	2,147.91	7	1,861.92	7	1,576.03	7	1,336.01
1/4	1/4	3,556.10	1/4	3,370.85	1/4	3,185.59	1/4	3,000.34	1/4	2,713.92	1/4	2,427.92	1/4	2,141.95	1/4	1,855.96	1/4	1,570.08	1/4	1,332.01
1/2	1/2	3,552.25	1/2	3,366.99	1/2	3,181.73	1/2	2,996.47	1/2	2,707.96	1/2	2,421.96	1/2	2,136.00	1/2	1,850.00	1/2	1,564.14	1/2	1,328.01
3/4	3/4	3,548.39	3/4	3,363.13	3/4	3,177.87	3/4	2,991.61	3/4	2,702.00	3/4	2,416.01	3/4	2,130.04	3/4	1,844.04	3/4	1,558.19	3/4	1,324.01
8	8	3,544.53	8	3,359.27	8	3,174.01	8	2,986.75	8	2,696.04	8	2,410.05	8	2,124.08	8	1,838.09	8	1,552.25	8	1,320.01
1/4	1/4	3,540.67	1/4	3,355.41	1/4	3,170.15	1/4	2,981.89	1/4	2,690.08	1/4	2,404.09	1/4	2,118.12	1/4	1,832.13	1/4	1,546.31	1/4	1,316.01
1/2	1/2	3,536.81	1/2	3,351.55	1/2	3,166.30	1/2	2,977.03	1/2	2,684.13	1/2	2,398.13	1/2	2,112.16	1/2	1,826.17	1/2	1,540.36	1/2	1,312.01
3/4	3/4	3,532.95	3/4	3,347.69	3/4	3,162.44	3/4	2,972.17	3/4	2,678.17	3/4	2,392.17	3/4	2,106.21	3/4	1,820.21	3/4	1,534.42	3/4	1,308.01
9	9	3,529.09	9	3,343.83	9	3,158.58	9	2,968.31	9	2,674.31	9	2,388.22	9	2,100.25	9	1,816.25	9	1,528.47	9	1,304.01
1/4	1/4	3,525.23	1/4	3,339.97	1/4	3,154.72	1/4	2,963.45	1/4	2,669.45	1/4	2,383.26	1/4	2,094.29	1/4	1,810.30	1/4	1,522.53	1/4	1,300.01
1/2	1/2	3,521.37	1/2	3,336.11	1/2	3,150.86	1/2	2,958.59	1/2	2,664.59	1/2	2,378.40	1/2	2,088.33	1/2	1,804.34	1/2	1,516.59	1/2	1,296.01
3/4	3/4	3,517.51	3/4	3,332.25	3/4	3,147.00	3/4	2,953.73	3/4	2,659.73	3/4	2,373.54	3/4	2,082.37	3/4	1,798.38	3/4	1,510.64	3/4	1,292.01
10	10	3,513.65	10	3,328.39	10	3,143.14	10	2,948.87	10	2,654.87	10	2,368.68	10	2,076.41	10	1,794.42	10	1,504.70	10	1,288.01
1/4	1/4	3,509.79	1/4	3,324.53	1/4	3,139.28	1/4	2,944.01	1/4	2,649.01	1/4	2,363.49	1/4	2,071.54	1/4	1,789.46	1/4	1,498.75	1/4	1,284.01
1/2	1/2	3,505.93	1/2	3,320.68	1/2	3,135.42	1/2	2,939.15	1/2	2,644.15	1/2	2,358.66	1/2	2,066.68	1/2	1,784.50	1/2	1,492.81	1/2	1,280.01
3/4	3/4	3,502.07	3/4	3,316.82	3/4	3,131.56	3/4	2,934.29	3/4	2,639.29	3/4	2,353.81	3/4	2,061.81	3/4	1,779.54	3/4	1,487.87	3/4	1,276.01
11	11	3,498.21	11	3,312.96	11	3,127.70	11	2,929.43	11	2,634.54	11	2,348.54	11	2,056.58	11	1,774.59	11	1,482.87	11	1,272.01
1/4	1/4	3,494.35	1/4	3,309.10	1/4	3,123.84	1/4	2,924.57	1/4	2,629.64	1/4	2,343.64	1/4	2,051.71	1/4	1,769.63	1/4	1,477.93	1/4	1,268.01
1/2	1/2	3,490.49	1/2	3,305.24	1/2	3,119.98	1/2	2,919.71	1/2	2,624.71	1/2	2,338.71	1/2	2,046.84	1/2	1,764.67	1/2	1,472.98	1/2	1,264.01
3/4	3/4	3,486.63	3/4	3,301.38	3/4	3,116.12	3/4	2,914.85	3/4	2,619.85	3/4	2,333.85	3/4	2,041.97	3/4	1,759.71	3/4	1,468.01	3/4	1,260.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMMS CHAPTER 2.7
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAUGE GAUGES TAKEN AND 31'-03" FORWARD OF AFT BULKHEAD
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "IB 1976"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 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	1,457.15	0	1,171.45	0	886.07	0	605.95	0	319.94	0	34.69	0	0	0	0	0	0	0	0
1/4	1,451.20	1/4	1,165.49	1/4	880.27	1/4	599.99	1/4	313.98	1/4	29.03	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,445.26	1/2	1,159.54	1/2	874.47	1/2	594.03	1/2	308.03	1/2	25.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,439.32	3/4	1,153.58	3/4	868.67	3/4	588.07	3/4	302.07	3/4	21.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,433.37	1	1,147.63	1	862.87	1	582.11	1	296.11	1	17.29	1	1	1	1	1	1	1	1
1/4	1,427.43	1/4	1,141.67	1/4	857.07	1/4	576.15	1/4	290.15	1/4	13.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,421.48	1/2	1,135.72	1/2	851.27	1/2	570.20	1/2	284.19	1/2	11.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,415.54	3/4	1,129.76	3/4	845.47	3/4	564.24	3/4	278.23	3/4	8.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,409.60	2	1,123.81	2	839.67	2	558.28	2	272.27	2	6.80	2	2	2	2	2	2	2	2
1/4	1,403.65	1/4	1,117.85	1/4	833.87	1/4	552.32	1/4	266.32	1/4	4.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,397.71	1/2	1,111.90	1/2	828.07	1/2	546.36	1/2	260.36	1/2	3.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,391.76	3/4	1,105.94	3/4	822.27	3/4	540.40	3/4	254.40	3/4	2.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,385.82	3	1,099.99	3	816.47	3	534.45	3	248.44	3	1.62	3	3	3	3	3	3	3	3
1/4	1,379.88	1/4	1,094.03	1/4	810.67	1/4	528.49	1/4	242.48	1/4	0.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,373.92	1/2	1,088.08	1/2	804.87	1/2	522.53	1/2	236.52	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,367.97	3/4	1,082.12	3/4	799.07	3/4	516.57	3/4	230.56	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,362.01	4	1,076.17	4	793.27	4	510.61	4	224.61	4	0.00	4	4	4	4	4	4	4	4
1/4	1,356.06	1/4	1,070.21	1/4	787.47	1/4	504.65	1/4	218.65	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,350.10	1/2	1,064.26	1/2	781.68	1/2	498.70	1/2	212.68	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,344.15	3/4	1,058.30	3/4	775.88	3/4	492.74	3/4	206.72	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,338.19	5	1,052.35	5	770.08	5	486.78	5	200.75	5	0.00	5	5	5	5	5	5	5	5
1/4	1,332.24	1/4	1,046.39	1/4	764.28	1/4	480.82	1/4	194.79	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,326.28	1/2	1,040.44	1/2	758.48	1/2	474.86	1/2	188.82	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,320.33	3/4	1,034.48	3/4	752.68	3/4	468.90	3/4	182.86	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,314.37	6	1,028.53	6	746.88	6	462.94	6	176.89	6	0.00	6	6	6	6	6	6	6	6
1/4	1,308.42	1/4	1,022.57	1/4	741.08	1/4	456.99	1/4	170.93	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,302.46	1/2	1,016.62	1/2	735.28	1/2	451.03	1/2	164.97	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,296.51	3/4	1,010.66	3/4	729.48	3/4	445.07	3/4	159.01	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,290.55	7	1,004.71	7	723.68	7	439.11	7	153.05	7	0.00	7	7	7	7	7	7	7	7
1/4	1,284.60	1/4	998.75	1/4	717.88	1/4	433.15	1/4	147.09	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,278.64	1/2	992.80	1/2	712.08	1/2	427.19	1/2	141.12	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,272.69	3/4	986.84	3/4	706.28	3/4	421.24	3/4	135.16	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,266.73	8	980.89	8	700.49	8	415.28	8	129.19	8	0.00	8	8	8	8	8	8	8	8
1/4	1,260.77	1/4	974.93	1/4	694.69	1/4	409.32	1/4	123.23	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,254.82	1/2	968.98	1/2	688.89	1/2	403.36	1/2	117.26	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,248.86	3/4	963.02	3/4	683.09	3/4	397.40	3/4	111.29	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,242.91	9	957.06	9	677.29	9	391.44	9	105.31	9	0.00	9	9	9	9	9	9	9	9
1/4	1,236.95	1/4	951.11	1/4	671.49	1/4	385.49	1/4	99.34	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,231.00	1/2	945.15	1/2	665.53	1/2	379.53	1/2	93.38	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,225.04	3/4	939.20	3/4	659.57	3/4	373.57	3/4	87.41	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,219.09	10	933.24	10	653.61	10	367.61	10	81.44	10	0.00	10	10	10	10	10	10	10	10
1/4	1,213.13	1/4	927.29	1/4	647.66	1/4	361.65	1/4	75.47	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,207.18	1/2	921.33	1/2	641.70	1/2	355.69	1/2	69.52	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,201.22	3/4	915.38	3/4	635.74	3/4	349.74	3/4	63.56	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,195.27	11	909.42	11	629.78	11	343.78	11	57.60	11	0.00	11	11	11	11	11	11	11	11
1/4	1,189.31	1/4	903.47	1/4	623.82	1/4	337.82	1/4	51.65	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,183.36	1/2	897.67	1/2	617.86	1/2	331.86	1/2	46.00	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,177.40	3/4	891.87	3/4	611.90	3/4	325.90	3/4	40.34	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

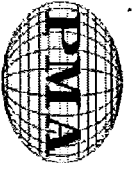
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/07/2017 CL
 CALCULATED: 09/08/2017 CL
 PRINTED: 09/08/2017 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2017

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BARGE "IB 1976"

2 CENTER ULLAGE TABLE

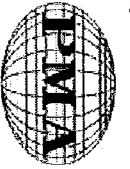
CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
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	3,834.53	0	3,585.59	0	3,311.48	0	3,037.37	0	2,763.26	0	2,489.15	0	2,215.04	0	1,940.93	0	1,666.82	0	1,392.71
1/4	3,833.51	1/4	3,579.88	1/4	3,305.77	1/4	3,031.66	1/4	2,757.55	1/4	2,483.44	1/4	2,209.33	1/4	1,935.22	1/4	1,661.11	1/4	1,387.00
1/2	3,832.08	1/2	3,574.17	1/2	3,300.06	1/2	3,025.95	1/2	2,751.84	1/2	2,477.73	1/2	2,203.62	1/2	1,929.51	1/2	1,655.40	1/2	1,381.29
3/4	3,830.65	3/4	3,566.46	3/4	3,294.34	3/4	3,020.24	3/4	2,746.13	3/4	2,472.02	3/4	2,197.91	3/4	1,923.80	3/4	1,649.69	3/4	1,375.18
1	3,827.32	1	3,557.75	1	3,288.54	1	3,014.53	1	2,740.42	1	2,466.31	1	2,192.20	1	1,918.09	1	1,643.98	1	1,367.07
1/4	3,823.99	1/4	3,551.03	1/4	3,277.22	1/4	3,003.11	1/4	2,734.71	1/4	2,459.60	1/4	2,185.49	1/4	1,911.38	1/4	1,637.27	1/4	1,358.16
1/2	3,820.66	1/2	3,545.32	1/2	3,272.22	1/2	3,000.11	1/2	2,729.00	1/2	2,454.89	1/2	2,180.78	1/2	1,906.67	1/2	1,632.56	1/2	1,350.05
3/4	3,817.33	3/4	3,540.03	3/4	3,271.50	3/4	2,997.40	3/4	2,723.29	3/4	2,449.18	3/4	2,176.07	3/4	1,901.96	3/4	1,627.85	3/4	1,341.94
2	3,812.17	2	3,533.91	2	3,265.59	2	2,991.69	2	2,717.58	2	2,443.47	2	2,171.87	2	1,897.76	2	1,623.65	2	1,337.83
1/4	3,807.02	1/4	3,528.48	1/4	3,260.08	1/4	2,985.97	1/4	2,711.87	1/4	2,437.76	1/4	2,167.75	1/4	1,893.64	1/4	1,619.53	1/4	1,333.72
1/2	3,801.86	1/2	3,522.77	1/2	3,254.37	1/2	2,980.26	1/2	2,706.16	1/2	2,432.05	1/2	2,163.94	1/2	1,889.83	1/2	1,615.42	1/2	1,329.61
3/4	3,796.71	3/4	3,517.06	3/4	3,248.66	3/4	2,974.55	3/4	2,700.44	3/4	2,426.34	3/4	2,159.72	3/4	1,885.72	3/4	1,611.31	3/4	1,325.50
3	3,791.03	3	3,511.35	3	3,242.95	3	2,968.84	3	2,696.73	3	2,420.63	3	2,155.62	3	1,881.61	3	1,607.20	3	1,321.39
1/4	3,785.36	1/4	3,505.64	1/4	3,237.24	1/4	2,963.13	1/4	2,693.02	1/4	2,414.91	1/4	2,151.51	1/4	1,877.50	1/4	1,603.09	1/4	1,317.28
1/2	3,779.69	1/2	3,499.93	1/2	3,231.53	1/2	2,957.42	1/2	2,687.31	1/2	2,409.20	1/2	2,147.40	1/2	1,873.39	1/2	1,598.98	1/2	1,313.17
3/4	3,774.01	3/4	3,494.22	3/4	3,225.82	3/4	2,951.71	3/4	2,681.60	3/4	2,403.49	3/4	2,143.29	3/4	1,869.18	3/4	1,594.87	3/4	1,309.06
4	3,768.31	4	3,488.51	4	3,220.11	4	2,946.00	4	2,675.89	4	2,397.78	4	2,139.17	4	1,865.06	4	1,590.76	4	1,304.95
1/4	3,762.61	1/4	3,482.80	1/4	3,214.40	1/4	2,940.29	1/4	2,669.78	1/4	2,392.07	1/4	2,135.06	1/4	1,860.95	1/4	1,586.65	1/4	1,300.84
1/2	3,756.91	1/2	3,477.09	1/2	3,208.69	1/2	2,934.58	1/2	2,664.07	1/2	2,385.86	1/2	2,130.95	1/2	1,856.84	1/2	1,582.54	1/2	1,296.73
3/4	3,751.21	3/4	3,471.38	3/4	3,202.98	3/4	2,928.87	3/4	2,658.36	3/4	2,379.75	3/4	2,126.84	3/4	1,852.73	3/4	1,578.43	3/4	1,292.62
5	3,745.50	5	3,465.66	5	3,197.27	5	2,923.16	5	2,652.65	5	2,373.54	5	2,122.73	5	1,848.62	5	1,574.32	5	1,288.51
1/4	3,739.78	1/4	3,459.95	1/4	3,191.56	1/4	2,917.45	1/4	2,646.94	1/4	2,367.43	1/4	2,118.62	1/4	1,844.51	1/4	1,570.21	1/4	1,284.40
1/2	3,734.07	1/2	3,454.24	1/2	3,185.95	1/2	2,911.74	1/2	2,641.23	1/2	2,362.32	1/2	2,114.51	1/2	1,840.40	1/2	1,566.10	1/2	1,280.29
3/4	3,728.35	3/4	3,448.53	3/4	3,180.33	3/4	2,906.03	3/4	2,635.52	3/4	2,357.21	3/4	2,110.40	3/4	1,836.29	3/4	1,561.99	3/4	1,276.18
6	3,722.64	6	3,442.82	6	3,174.72	6	2,900.32	6	2,629.81	6	2,351.10	6	2,106.29	6	1,832.18	6	1,557.88	6	1,272.07
1/4	3,716.93	1/4	3,437.11	1/4	3,169.11	1/4	2,894.61	1/4	2,624.10	1/4	2,346.99	1/4	2,102.18	1/4	1,828.07	1/4	1,553.77	1/4	1,267.96
1/2	3,711.22	1/2	3,431.40	1/2	3,163.50	1/2	2,888.90	1/2	2,618.39	1/2	2,341.88	1/2	2,100.07	1/2	1,823.96	1/2	1,549.66	1/2	1,263.85
3/4	3,705.51	3/4	3,425.69	3/4	3,157.89	3/4	2,883.19	3/4	2,612.68	3/4	2,336.77	3/4	2,095.96	3/4	1,819.85	3/4	1,545.55	3/4	1,259.74
7	3,699.80	7	3,419.98	7	3,152.28	7	2,877.47	7	2,606.97	7	2,331.66	7	2,091.85	7	1,815.74	7	1,541.44	7	1,255.63
1/4	3,694.09	1/4	3,414.27	1/4	3,146.67	1/4	2,871.76	1/4	2,601.26	1/4	2,326.55	1/4	2,087.74	1/4	1,811.63	1/4	1,537.33	1/4	1,251.52
1/2	3,688.38	1/2	3,408.56	1/2	3,141.06	1/2	2,866.05	1/2	2,595.55	1/2	2,321.44	1/2	2,083.63	1/2	1,807.52	1/2	1,533.22	1/2	1,247.41
3/4	3,682.67	3/4	3,402.85	3/4	3,135.45	3/4	2,860.34	3/4	2,589.84	3/4	2,316.33	3/4	2,081.52	3/4	1,803.41	3/4	1,529.11	3/4	1,243.30
8	3,676.96	8	3,402.85	8	3,129.84	8	2,854.63	8	2,584.63	8	2,310.72	8	2,076.41	8	1,799.30	8	1,525.00	8	1,239.19
1/4	3,671.25	1/4	3,397.14	1/4	3,124.23	1/4	2,848.92	1/4	2,578.91	1/4	2,305.61	1/4	2,072.30	1/4	1,795.19	1/4	1,520.89	1/4	1,235.08
1/2	3,665.54	1/2	3,391.43	1/2	3,118.62	1/2	2,843.21	1/2	2,573.20	1/2	2,300.50	1/2	2,068.19	1/2	1,791.08	1/2	1,516.98	1/2	1,230.97
3/4	3,659.83	3/4	3,385.72	3/4	3,113.01	3/4	2,837.50	3/4	2,567.49	3/4	2,295.39	3/4	2,064.08	3/4	1,786.97	3/4	1,512.87	3/4	1,226.86
9	3,654.11	9	3,380.01	9	3,107.40	9	2,831.79	9	2,561.78	9	2,289.28	9	2,059.97	9	1,782.86	9	1,508.76	9	1,222.75
1/4	3,648.40	1/4	3,374.30	1/4	3,101.79	1/4	2,826.08	1/4	2,556.07	1/4	2,283.17	1/4	2,055.86	1/4	1,778.75	1/4	1,504.65	1/4	1,218.64
1/2	3,642.69	1/2	3,368.58	1/2	3,096.18	1/2	2,820.37	1/2	2,550.36	1/2	2,277.06	1/2	2,051.75	1/2	1,774.64	1/2	1,500.54	1/2	1,214.53
3/4	3,636.98	3/4	3,362.87	3/4	3,090.57	3/4	2,814.66	3/4	2,544.65	3/4	2,270.95	3/4	2,047.64	3/4	1,770.53	3/4	1,496.43	3/4	1,210.42
10	3,631.27	10	3,357.16	10	3,084.96	10	2,808.95	10	2,538.94	10	2,264.84	10	2,043.53	10	1,766.42	10	1,492.32	10	1,206.31
1/4	3,625.56	1/4	3,351.45	1/4	3,079.35	1/4	2,803.24	1/4	2,533.23	1/4	2,259.73	1/4	2,039.42	1/4	1,762.31	1/4	1,488.21	1/4	1,202.20
1/2	3,619.85	1/2	3,345.74	1/2	3,073.64	1/2	2,797.52	1/2	2,527.52	1/2	2,254.62	1/2	2,035.31	1/2	1,758.20	1/2	1,484.10	1/2	1,198.09
3/4	3,614.14	3/4	3,340.03	3/4	3,067.93	3/4	2,791.81	3/4	2,521.81	3/4	2,249.51	3/4	2,031.20	3/4	1,754.09	3/4	1,479.99	3/4	1,193.98
11	3,608.43	11	3,334.32	11	3,062.21	11	2,786.10	11	2,515.99	11	2,243.80	11	2,027.09	11	1,749.98	11	1,475.88	11	1,189.87
1/4	3,602.72	1/4	3,328.61	1/4	3,056.50	1/4	2,780.39	1/4	2,510.28	1/4	2,238.69	1/4	2,022.98	1/4	1,745.87	1/4	1,471.77	1/4	1,185.76
1/2	3,597.01	1/2	3,322.90	1/2	3,050.79	1/2	2,774.68	1/2	2,504.57	1/2	2,232.58	1/2	2,018.87	1/2	1,741.66	1/2	1,467.66	1/2	1,181.65
3/4	3,591.30	3/4	3,317.19	3/4	3,045.08	3/4	2,768.97	3/4	2,498.86	3/4	2,226.46	3/4	2,014.76	3/4	1,737.55	3/4	1,463.55	3/4	1,177.54

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 INNAZE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1976"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

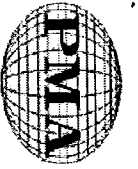
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,392.72	1/4	1,118.61	1/4	845.33	1/4	577.10	1/4	303.00	1/4	0	1/4	30.12	1/4	0	1/4	0	1/4	0
1/2	1,387.01	1/2	1,112.90	1/2	839.79	1/2	571.39	1/2	297.29	1/2	0	1/2	25.36	1/2	0	1/2	0	1/2	0
3/4	1,381.30	3/4	1,107.19	3/4	834.24	3/4	565.68	3/4	291.58	3/4	0	3/4	20.81	3/4	0	3/4	0	3/4	0
1	1,375.59	1	1,101.48	1	828.70	1	559.97	1	285.87	1	0	1	15.85	1	0	1	0	1	0
1/4	1,369.87	1/4	1,095.77	1/4	823.16	1/4	554.26	1/4	280.16	1/4	0	1/4	12.99	1/4	0	1/4	0	1/4	0
1/2	1,364.16	1/2	1,090.06	1/2	817.61	1/2	548.55	1/2	274.45	1/2	0	1/2	10.14	1/2	0	1/2	0	1/2	0
3/4	1,358.45	3/4	1,084.34	3/4	812.07	3/4	542.83	3/4	268.74	3/4	0	3/4	7.28	3/4	0	3/4	0	3/4	0
1	1,352.74	1	1,078.63	1	806.53	1	537.12	1	263.03	1	0	1	4.43	1	0	1	0	1	0
1/4	1,347.03	1/4	1,072.92	1/4	800.99	1/4	531.41	1/4	257.31	1/4	0	1/4	3.48	1/4	0	1/4	0	1/4	0
1/2	1,341.32	1/2	1,067.21	1/2	795.44	1/2	525.70	1/2	251.60	1/2	0	1/2	2.53	1/2	0	1/2	0	1/2	0
3/4	1,335.61	3/4	1,061.50	3/4	789.90	3/4	519.99	3/4	245.89	3/4	0	3/4	1.57	3/4	0	3/4	0	3/4	0
1	1,329.90	1	1,055.79	1	784.36	1	514.28	1	240.18	1	0	1	0.62	1	0	1	0	1	0
1/4	1,324.19	1/4	1,050.08	1/4	778.81	1/4	508.57	1/4	234.47	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,318.48	1/2	1,044.37	1/2	773.27	1/2	502.86	1/2	228.76	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,312.77	3/4	1,038.66	3/4	767.73	3/4	497.15	3/4	223.05	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,307.06	1	1,032.95	1	762.19	1	491.44	1	217.34	1	0	1	0	1	0	1	0	1	0
1/4	1,301.35	1/4	1,027.24	1/4	756.64	1/4	485.73	1/4	211.63	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,295.64	1/2	1,021.53	1/2	751.10	1/2	480.02	1/2	205.92	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,289.93	3/4	1,015.82	3/4	745.56	3/4	474.31	3/4	200.21	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,284.22	1	1,010.11	1	740.02	1	468.60	1	194.50	1	0	1	0	1	0	1	0	1	0
1/4	1,278.51	1/4	1,004.40	1/4	734.47	1/4	462.89	1/4	188.79	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,272.79	1/2	998.69	1/2	728.93	1/2	457.18	1/2	183.08	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,267.08	3/4	992.98	3/4	723.39	3/4	451.47	3/4	177.37	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,261.37	1	987.26	1	717.84	1	445.76	1	171.66	1	0	1	0	1	0	1	0	1	0
1/4	1,255.66	1/4	981.55	1/4	712.30	1/4	440.05	1/4	165.95	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,249.95	1/2	975.84	1/2	706.76	1/2	434.34	1/2	160.24	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,244.24	3/4	970.13	3/4	701.22	3/4	428.63	3/4	154.53	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,238.53	1	964.42	1	695.67	1	422.92	1	148.82	1	0	1	0	1	0	1	0	1	0
1/4	1,232.82	1/4	958.71	1/4	690.13	1/4	417.21	1/4	143.11	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,227.11	1/2	953.00	1/2	684.59	1/2	411.50	1/2	137.40	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,221.40	3/4	947.29	3/4	679.05	3/4	405.79	3/4	131.69	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,215.69	1	941.58	1	673.50	1	400.07	1	125.98	1	0	1	0	1	0	1	0	1	0
1/4	1,209.98	1/4	935.87	1/4	667.96	1/4	394.36	1/4	120.27	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,204.27	1/2	930.16	1/2	662.42	1/2	388.65	1/2	114.56	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,198.56	3/4	924.45	3/4	656.88	3/4	382.94	3/4	108.85	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,192.85	1	918.74	1	651.33	1	377.23	1	103.14	1	0	1	0	1	0	1	0	1	0
1/4	1,187.14	1/4	913.03	1/4	645.62	1/4	371.52	1/4	97.43	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,181.42	1/2	907.32	1/2	639.91	1/2	365.81	1/2	91.72	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,175.71	3/4	901.61	3/4	634.20	3/4	360.10	3/4	86.01	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,170.00	1	895.89	1	628.49	1	354.39	1	80.30	1	0	1	0	1	0	1	0	1	0
1/4	1,164.29	1/4	890.18	1/4	622.78	1/4	348.68	1/4	74.61	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,158.58	1/2	884.47	1/2	617.07	1/2	342.97	1/2	68.91	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,152.87	3/4	878.76	3/4	611.36	3/4	337.26	3/4	63.22	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,147.16	1	873.05	1	605.65	1	331.54	1	57.52	1	0	1	0	1	0	1	0	1	0
1/4	1,141.45	1/4	867.34	1/4	600.00	1/4	325.84	1/4	51.86	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,135.74	1/2	861.63	1/2	594.29	1/2	320.13	1/2	46.20	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,130.03	3/4	855.92	3/4	588.52	3/4	314.42	3/4	40.54	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1,124.32	1	850.21	1	582.81	1	308.71	1	34.87	1	0	1	0	1	0	1	0	1	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/07/2017 CL
 CALCULATED: 09/08/2017 CL
 PRINTED: 09/08/2017 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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BARGE "IB 1976"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	3,823.60	0	3,562.34	0	3,289.18	0	3,016.03	0	2,742.87	0	2,469.71	0	2,196.55	0	1,923.39	0	1,650.23	0	
1/4	1/4	3,820.28	1/4	3,559.65	1/4	3,287.80	1/4	3,014.33	1/4	2,741.18	1/4	2,468.02	1/4	2,194.86	1/4	1,921.70	1/4	1,648.54	1/4	1,375.38
1/2	1/2	3,816.96	1/2	3,556.32	1/2	3,284.48	1/2	3,010.99	1/2	2,737.83	1/2	2,464.67	1/2	2,191.51	1/2	1,918.35	1/2	1,645.19	1/2	1,372.02
3/4	3/4	3,813.64	3/4	3,552.98	3/4	3,281.14	3/4	2,998.55	3/4	2,724.39	3/4	2,450.23	3/4	2,176.07	3/4	1,902.91	3/4	1,628.75	3/4	1,358.66
1	1	3,810.32	1	3,549.66	1	3,277.80	1	2,995.21	1	2,721.05	1	2,446.99	1	2,172.83	1	1,898.67	1	1,624.51	1	1,354.39
1 1/4	1 1/4	3,805.19	1 1/4	3,544.53	1 1/4	3,272.66	1 1/4	2,990.07	1 1/4	2,716.91	1 1/4	2,442.85	1 1/4	2,168.69	1 1/4	1,894.53	1 1/4	1,620.37	1 1/4	1,350.23
1 1/2	1 1/2	3,800.05	1 1/2	3,539.39	1 1/2	3,267.52	1 1/2	2,984.93	1 1/2	2,711.77	1 1/2	2,437.71	1 1/2	2,163.55	1 1/2	1,890.37	1 1/2	1,616.21	1 1/2	1,346.09
1 3/4	1 3/4	3,794.91	1 3/4	3,534.25	1 3/4	3,262.38	1 3/4	2,979.79	1 3/4	2,706.63	1 3/4	2,432.55	1 3/4	2,158.39	1 3/4	1,886.21	1 3/4	1,612.05	1 3/4	1,341.93
2	2	3,789.78	2	3,529.11	2	3,257.24	2	2,974.66	2	2,701.50	2	2,427.34	2	2,424.18	2	2,154.02	2	1,881.86	2	1,607.70
1/4	1/4	3,784.12	1/4	3,523.45	1/4	3,251.57	1/4	2,969.52	1/4	2,696.36	1/4	2,422.20	1/4	2,419.04	1/4	2,150.86	1/4	1,877.70	1/4	1,603.54
1/2	1/2	3,778.47	1/2	3,517.78	1/2	3,245.80	1/2	2,964.37	1/2	2,691.21	1/2	2,417.05	1/2	2,415.89	1/2	2,146.70	1/2	1,873.54	1/2	1,599.38
3/4	3/4	3,772.81	3/4	3,512.11	3/4	3,239.93	3/4	2,959.22	3/4	2,686.06	3/4	2,414.89	3/4	2,413.73	3/4	2,142.51	3/4	1,869.38	3/4	1,595.22
1	1	3,767.16	1	3,506.44	1	3,234.26	1	2,954.11	1	2,680.95	1	2,410.73	1	2,411.57	1	2,138.33	1	1,865.22	1	1,591.06
1 1/4	1 1/4	3,761.48	1 1/4	3,500.76	1 1/4	3,228.59	1 1/4	2,949.00	1 1/4	2,675.84	1 1/4	2,406.61	1 1/4	2,411.41	1 1/4	2,134.17	1 1/4	1,861.06	1 1/4	1,586.90
1 1/2	1 1/2	3,755.80	1 1/2	3,495.08	1 1/2	3,223.02	1 1/2	2,943.89	1 1/2	2,670.73	1 1/2	2,402.45	1 1/2	2,410.25	1 1/2	2,130.01	1 1/2	1,856.90	1 1/2	1,582.74
1 3/4	1 3/4	3,750.12	1 3/4	3,489.40	1 3/4	3,217.45	1 3/4	2,938.78	1 3/4	2,665.62	1 3/4	2,401.29	1 3/4	2,409.09	1 3/4	2,125.85	1 3/4	1,852.74	1 3/4	1,578.58
2	2	3,744.44	2	3,483.72	2	3,211.88	2	2,933.67	2	2,660.51	2	2,399.13	2	2,407.93	2	2,121.69	2	1,848.58	2	1,574.42
1/4	1/4	3,738.75	1/4	3,478.00	1/4	3,206.31	1/4	2,928.56	1/4	2,655.40	1/4	2,394.97	1/4	2,406.77	1/4	2,117.53	1/4	1,844.42	1/4	1,570.26
1/2	1/2	3,733.06	1/2	3,472.31	1/2	3,200.74	1/2	2,923.45	1/2	2,650.29	1/2	2,390.81	1/2	2,405.61	1/2	2,113.37	1/2	1,840.26	1/2	1,566.10
3/4	3/4	3,727.37	3/4	3,466.62	3/4	3,195.17	3/4	2,918.34	3/4	2,645.18	3/4	2,386.64	3/4	2,404.45	3/4	2,109.21	3/4	1,836.10	3/4	1,561.94
1	1	3,721.68	1	3,460.93	1	3,189.60	1	2,913.23	1	2,640.07	1	2,381.50	1	2,403.29	1	2,104.95	1	1,831.94	1	1,557.78
1 1/4	1 1/4	3,715.99	1 1/4	3,455.24	1 1/4	3,184.03	1 1/4	2,908.12	1 1/4	2,634.96	1 1/4	2,377.33	1 1/4	2,402.13	1 1/4	2,100.79	1 1/4	1,827.78	1 1/4	1,553.62
1 1/2	1 1/2	3,710.30	1 1/2	3,449.55	1 1/2	3,178.46	1 1/2	2,903.01	1 1/2	2,629.85	1 1/2	2,372.17	1 1/2	2,401.07	1 1/2	2,096.63	1 1/2	1,823.62	1 1/2	1,549.46
1 3/4	1 3/4	3,704.61	1 3/4	3,443.86	1 3/4	3,172.89	1 3/4	2,897.90	1 3/4	2,624.74	1 3/4	2,367.01	1 3/4	2,400.01	1 3/4	2,092.47	1 3/4	1,819.46	1 3/4	1,545.30
2	2	3,698.92	2	3,438.17	2	3,167.32	2	2,892.79	2	2,619.63	2	2,361.85	2	2,398.85	2	2,088.31	2	1,815.30	2	1,541.14
1/4	1/4	3,693.23	1/4	3,432.48	1/4	3,161.75	1/4	2,887.68	1/4	2,614.52	1/4	2,356.77	1/4	2,397.69	1/4	2,084.15	1/4	1,811.14	1/4	1,536.98
1/2	1/2	3,687.54	1/2	3,426.79	1/2	3,156.18	1/2	2,882.57	1/2	2,609.41	1/2	2,351.66	1/2	2,396.53	1/2	2,079.99	1/2	1,807.00	1/2	1,532.82
3/4	3/4	3,681.85	3/4	3,421.10	3/4	3,150.61	3/4	2,877.46	3/4	2,604.30	3/4	2,346.55	3/4	2,395.45	3/4	2,075.83	3/4	1,802.84	3/4	1,528.66
1	1	3,676.16	1	3,415.41	1	3,145.04	1	2,872.35	1	2,599.19	1	2,341.40	1	2,394.31	1	2,071.67	1	1,798.68	1	1,524.50
1 1/4	1 1/4	3,670.47	1 1/4	3,409.72	1 1/4	3,139.47	1 1/4	2,867.24	1 1/4	2,594.08	1 1/4	2,336.25	1 1/4	2,393.21	1 1/4	2,067.51	1 1/4	1,794.52	1 1/4	1,520.34
1 1/2	1 1/2	3,664.78	1 1/2	3,404.03	1 1/2	3,133.90	1 1/2	2,862.13	1 1/2	2,588.97	1 1/2	2,331.10	1 1/2	2,392.15	1 1/2	2,063.35	1 1/2	1,790.36	1 1/2	1,516.18
1 3/4	1 3/4	3,659.09	1 3/4	3,398.34	1 3/4	3,128.33	1 3/4	2,857.02	1 3/4	2,583.86	1 3/4	2,326.04	1 3/4	2,391.09	1 3/4	2,059.19	1 3/4	1,786.20	1 3/4	1,512.02
2	2	3,653.40	2	3,392.65	2	3,122.76	2	2,851.91	2	2,578.75	2	2,320.89	2	2,389.99	2	2,055.03	2	1,782.04	2	1,507.86
1/4	1/4	3,647.70	1/4	3,387.01	1/4	3,117.19	1/4	2,846.80	1/4	2,573.64	1/4	2,315.73	1/4	2,388.89	1/4	2,050.87	1/4	1,777.88	1/4	1,503.70
1/2	1/2	3,642.01	1/2	3,381.32	1/2	3,111.62	1/2	2,841.69	1/2	2,568.53	1/2	2,310.62	1/2	2,387.73	1/2	2,046.71	1/2	1,773.72	1/2	1,500.54
3/4	3/4	3,636.32	3/4	3,375.63	3/4	3,106.05	3/4	2,836.58	3/4	2,563.42	3/4	2,305.51	3/4	2,386.63	3/4	2,042.55	3/4	1,769.56	3/4	1,496.38
1	1	3,630.63	1	3,370.00	1	3,100.48	1	2,831.47	1	2,558.31	1	2,300.40	1	2,385.55	1	2,038.39	1	1,765.40	1	1,492.22
1 1/4	1 1/4	3,624.94	1 1/4	3,364.31	1 1/4	3,094.91	1 1/4	2,826.36	1 1/4	2,553.20	1 1/4	2,295.29	1 1/4	2,384.47	1 1/4	2,034.23	1 1/4	1,761.24	1 1/4	1,488.06
1 1/2	1 1/2	3,619.25	1 1/2	3,358.62	1 1/2	3,089.34	1 1/2	2,821.25	1 1/2	2,548.09	1 1/2	2,290.18	1 1/2	2,383.39	1 1/2	2,030.07	1 1/2	1,757.08	1 1/2	1,483.90
1 3/4	1 3/4	3,613.56	1 3/4	3,352.93	1 3/4	3,083.77	1 3/4	2,816.14	1 3/4	2,542.94	1 3/4	2,285.07	1 3/4	2,382.31	1 3/4	2,025.91	1 3/4	1,752.92	1 3/4	1,479.74
2	2	3,607.87	2	3,347.24	2	3,078.20	2	2,811.03	2	2,537.79	2	2,279.90	2	2,381.23	2	2,021.75	2	1,748.76	2	1,475.58
1/4	1/4	3,602.18	1/4	3,341.55	1/4	3,072.63	1/4	2,805.92	1/4	2,532.68	1/4	2,274.81	1/4	2,380.15	1/4	2,017.59	1/4	1,744.60	1/4	1,471.42
1/2	1/2	3,596.49	1/2	3,335.86	1/2	3,067.11	1/2	2,800.81	1/2	2,527.57	1/2	2,269.74	1/2	2,379.07	1/2	2,013.43	1/2	1,740.44	1/2	1,467.26
3/4	3/4	3,590.80	3/4	3,330.17	3/4	3,061.54	3/4	2,795.70	3/4	2,522.46	3/4	2,264.67	3/4	2,377.99	3/4	2,009.27	3/4	1,736.28	3/4	1,463.10
1	1	3,585.11	1	3,324.48	1	3,056.01	1	2,790.59	1	2,517.35	1	2,259.58	1	2,376.91	1	2,005.11	1	1,732.12	1	1,458.94
1 1/4	1 1/4	3,579.41	1 1/4	3,318.79	1 1/4	3,050.44	1 1/4	2,785.48	1 1/4	2,512.24	1 1/4	2,254.51	1 1/4	2,375.83	1 1/4	2,000.95	1 1/4	1,728.06	1 1/4	1,454.78
1 1/2	1 1/2	3,573.72	1 1/2	3,313.10	1 1/2	3,044.87	1 1/2	2,780.37	1 1/2	2,507.13	1 1/2	2,249.44	1 1/2	2,374.75	1 1/2	1,996.79	1 1/2	1,723.90	1 1/2	1,450.62
1 3/4	1 3/4	3,568.03	1 3/4	3,308.01	1 3/4	3,039.30	1 3/4	2,775.26	1 3/4	2,502.02	1 3/4	2,244.37	1 3/4	2,373.67	1 3/4	1,992.63	1 3/			



BARGE "IB 1976"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02"

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	1,377.08	0	1,103.92	0	830.83	0	558.03	0	284.88	0	15.80	0	0	0	0	0	0	0	0
1/4	1,371.38	1/4	1,098.23	1/4	825.15	1/4	552.34	1/4	279.19	1/4	12.96	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,365.69	1/2	1,092.54	1/2	819.47	1/2	546.65	1/2	273.50	1/2	10.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,360.00	3/4	1,086.84	3/4	813.79	3/4	540.96	3/4	267.81	3/4	7.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,354.31	1	1,081.15	1	808.11	1	535.27	1	262.12	1	4.42	1	1	1	1	1	1	1	1
1/4	1,348.62	1/4	1,075.46	1/4	802.43	1/4	529.58	1/4	256.43	1/4	3.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,342.93	1/2	1,069.77	1/2	796.75	1/2	523.89	1/2	250.74	1/2	2.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,337.24	3/4	1,064.08	3/4	791.07	3/4	518.20	3/4	245.05	3/4	1.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,331.55	2	1,058.39	2	785.39	2	512.50	2	239.36	2	0.63	2	2	2	2	2	2	2	2
1/4	1,325.86	1/4	1,052.70	1/4	779.71	1/4	506.81	1/4	233.67	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,320.17	1/2	1,047.01	1/2	774.03	1/2	501.12	1/2	227.97	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,314.48	3/4	1,041.32	3/4	768.36	3/4	495.43	3/4	222.28	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,308.79	3	1,035.63	3	762.68	3	489.74	3	216.59	3	0	3	3	3	3	3	3	3	3
1/4	1,303.09	1/4	1,029.94	1/4	757.00	1/4	484.05	1/4	210.90	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,297.40	1/2	1,024.25	1/2	751.32	1/2	478.36	1/2	205.21	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,291.71	3/4	1,018.55	3/4	745.64	3/4	472.67	3/4	199.52	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,286.02	4	1,012.86	4	739.96	4	466.98	4	193.83	4	0	4	4	4	4	4	4	4	4
1/4	1,280.33	1/4	1,007.17	1/4	734.28	1/4	461.29	1/4	188.14	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,274.64	1/2	1,001.48	1/2	728.60	1/2	455.60	1/2	182.45	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,268.95	3/4	995.79	3/4	722.92	3/4	449.91	3/4	176.76	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,263.26	5	990.10	5	717.24	5	444.22	5	171.07	5	0	5	5	5	5	5	5	5	5
1/4	1,257.57	1/4	984.41	1/4	711.56	1/4	438.53	1/4	165.38	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,251.88	1/2	978.72	1/2	705.88	1/2	432.84	1/2	159.69	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,246.19	3/4	973.03	3/4	700.20	3/4	427.15	3/4	154.00	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,240.50	6	967.34	6	694.52	6	421.46	6	148.31	6	0	6	6	6	6	6	6	6	6
1/4	1,234.81	1/4	961.65	1/4	688.84	1/4	415.76	1/4	142.62	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,229.11	1/2	955.96	1/2	683.16	1/2	410.07	1/2	136.93	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,223.42	3/4	950.27	3/4	677.48	3/4	404.38	3/4	131.24	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,217.73	7	944.57	7	671.80	7	398.69	7	125.55	7	0	7	7	7	7	7	7	7	7
1/4	1,212.04	1/4	938.88	1/4	666.12	1/4	393.00	1/4	119.86	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,206.35	1/2	933.19	1/2	660.44	1/2	387.31	1/2	114.17	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,200.66	3/4	927.50	3/4	654.76	3/4	381.62	3/4	108.48	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,194.97	8	921.81	8	649.08	8	375.93	8	102.79	8	0	8	8	8	8	8	8	8	8
1/4	1,189.28	1/4	916.12	1/4	643.39	1/4	370.24	1/4	97.10	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,183.59	1/2	910.43	1/2	637.70	1/2	364.55	1/2	91.41	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,177.90	3/4	904.74	3/4	632.01	3/4	358.86	3/4	85.72	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,172.21	9	899.05	9	626.32	9	353.17	9	80.03	9	0	9	9	9	9	9	9	9	9
1/4	1,166.52	1/4	893.36	1/4	620.63	1/4	347.48	1/4	74.35	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,160.82	1/2	887.67	1/2	614.94	1/2	341.79	1/2	68.68	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,155.13	3/4	881.98	3/4	609.25	3/4	336.10	3/4	63.00	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,149.44	10	876.28	10	603.55	10	330.41	10	57.33	10	0	10	10	10	10	10	10	10	10
1/4	1,143.75	1/4	870.50	1/4	597.86	1/4	324.72	1/4	51.68	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,138.06	1/2	864.92	1/2	592.17	1/2	319.02	1/2	46.04	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,132.37	3/4	859.24	3/4	586.48	3/4	313.33	3/4	40.40	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,126.68	11	853.56	11	580.79	11	307.64	11	34.76	11	0	11	11	11	11	11	11	11	11
1/4	1,120.99	1/4	847.88	1/4	575.10	1/4	301.95	1/4	30.02	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,115.30	1/2	842.20	1/2	569.41	1/2	296.26	1/2	25.28	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,109.61	3/4	836.51	3/4	563.72	3/4	290.57	3/4	20.54	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/07/2017 CL
 CALCULATED: 09/08/2017 CL
 PRINTED: 09/08/2017 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2017

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