



BARGE "IB 1094"

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	00-1/8	- 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	00-5/8	- 00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
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 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

July 25, 2017

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1094"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	3,767.25	0	3,512.96	0	3,258.68	0	3,004.40	0	2,727.76	0	2,430.47	0	2,133.20	0	1,835.91		
1/4	1/4	1/4	3,761.95	1/4	3,507.67	1/4	3,253.38	1/4	2,999.10	1/4	2,721.57	1/4	2,424.28	1/4	2,127.01	1/4	1,829.72	1/4	1,829.72		
1/2	1/2	1/2	3,756.65	1/2	3,502.37	1/2	3,248.08	1/2	2,993.80	1/2	2,715.37	1/2	2,418.09	1/2	2,120.81	1/2	1,823.52	1/2	1,823.52		
3/4	3/4	3/4	3,751.36	3/4	3,497.07	3/4	3,242.79	3/4	2,988.50	3/4	2,709.18	3/4	2,411.90	3/4	2,114.62	3/4	1,817.33	3/4	1,817.33		
1		1	3,746.06	1	3,491.77	1	3,237.49	1	2,983.20	1	2,702.99	1	2,405.70	1	2,108.43	1	1,811.14	1	1,811.14		
1/4	1/4	1/4	3,974.61	1/4	3,740.76	1/4	3,486.48	1/4	3,232.19	1/4	2,977.91	1/4	2,696.79	1/4	2,399.51	1/4	2,102.23	1/4	1,804.94	1/4	1,804.94
1/2	1/2	1/2	3,972.48	1/2	3,735.46	1/2	3,481.18	1/2	3,226.89	1/2	2,972.61	1/2	2,690.60	1/2	2,393.32	1/2	2,096.04	1/2	1,798.75	1/2	1,798.75
3/4	3/4	3/4	3,970.35	3/4	3,730.17	3/4	3,475.88	3/4	3,221.60	3/4	2,967.31	3/4	2,684.40	3/4	2,387.12	3/4	2,089.84	3/4	1,792.56	3/4	1,792.56
2		2	3,968.22	2	3,724.87	2	3,470.58	2	3,216.30	2	2,962.01	2	2,678.21	2	2,380.93	2	2,083.65	2	1,786.36	2	1,786.36
1/4	1/4	1/4	3,966.08	1/4	3,719.57	1/4	3,465.29	1/4	3,211.00	1/4	2,956.72	1/4	2,672.02	1/4	2,374.74	1/4	2,077.46	1/4	1,780.17	1/4	1,780.17
1/2	1/2	1/2	3,962.38	1/2	3,714.27	1/2	3,459.99	1/2	3,205.70	1/2	2,951.42	1/2	2,665.82	1/2	2,368.55	1/2	2,071.26	1/2	1,773.98	1/2	1,773.98
3/4	3/4	3/4	3,958.68	3/4	3,708.98	3/4	3,454.69	3/4	3,200.41	3/4	2,946.12	3/4	2,659.63	3/4	2,362.35	3/4	2,065.07	3/4	1,767.78	3/4	1,767.78
3		3	3,954.97	3	3,703.68	3	3,449.39	3	3,195.11	3	2,940.82	3	2,653.44	3	2,356.16	3	2,058.88	3	1,761.59	3	1,761.59
1/4	1/4	1/4	3,951.27	1/4	3,698.38	1/4	3,444.10	1/4	3,189.81	1/4	2,935.53	1/4	2,647.24	1/4	2,349.97	1/4	2,052.68	1/4	1,755.40	1/4	1,755.40
1/2	1/2	1/2	3,946.29	1/2	3,693.08	1/2	3,438.80	1/2	3,184.51	1/2	2,930.23	1/2	2,641.05	1/2	2,343.77	1/2	2,046.49	1/2	1,749.20	1/2	1,749.20
3/4	3/4	3/4	3,941.31	3/4	3,687.79	3/4	3,433.50	3/4	3,179.22	3/4	2,924.93	3/4	2,634.86	3/4	2,337.58	3/4	2,040.30	3/4	1,743.01	3/4	1,743.01
4		4	3,936.34	4	3,682.49	4	3,428.20	4	3,173.92	4	2,919.63	4	2,628.66	4	2,331.39	4	2,034.10	4	1,736.82	4	1,736.82
1/4	1/4	1/4	3,931.36	1/4	3,677.19	1/4	3,422.91	1/4	3,168.62	1/4	2,914.34	1/4	2,622.47	1/4	2,325.20	1/4	2,027.91	1/4	1,730.62	1/4	1,730.62
1/2	1/2	1/2	3,926.09	1/2	3,671.89	1/2	3,417.61	1/2	3,163.32	1/2	2,909.04	1/2	2,616.28	1/2	2,319.00	1/2	2,021.72	1/2	1,724.43	1/2	1,724.43
3/4	3/4	3/4	3,920.81	3/4	3,666.60	3/4	3,412.31	3/4	3,158.03	3/4	2,903.75	3/4	2,610.08	3/4	2,312.81	3/4	2,015.52	3/4	1,718.23	3/4	1,718.23
5		5	3,915.54	5	3,661.30	5	3,407.01	5	3,152.73	5	2,898.46	5	2,603.89	5	2,306.62	5	2,009.33	5	1,712.04	5	1,712.04
1/4	1/4	1/4	3,910.26	1/4	3,656.00	1/4	3,401.72	1/4	3,147.43	1/4	2,893.17	1/4	2,597.70	1/4	2,300.42	1/4	2,003.14	1/4	1,705.85	1/4	1,705.85
1/2	1/2	1/2	3,904.97	1/2	3,650.70	1/2	3,396.42	1/2	3,142.13	1/2	2,887.43	1/2	2,591.50	1/2	2,294.23	1/2	1,996.94	1/2	1,699.66	1/2	1,699.66
3/4	3/4	3/4	3,899.68	3/4	3,645.40	3/4	3,391.12	3/4	3,136.84	3/4	2,881.69	3/4	2,585.31	3/4	2,288.04	3/4	1,990.75	3/4	1,693.47	3/4	1,693.47
6		6	3,894.39	6	3,640.11	6	3,385.82	6	3,131.54	6	2,875.95	6	2,579.12	6	2,281.84	6	1,984.56	6	1,687.29	6	1,687.29
1/4	1/4	1/4	3,889.09	1/4	3,634.81	1/4	3,380.52	1/4	3,126.24	1/4	2,870.21	1/4	2,572.92	1/4	2,275.65	1/4	1,978.36	1/4	1,681.10	1/4	1,681.10
1/2	1/2	1/2	3,883.80	1/2	3,629.51	1/2	3,375.23	1/2	3,120.94	1/2	2,864.02	1/2	2,566.73	1/2	2,269.46	1/2	1,972.17	1/2	1,674.92	1/2	1,674.92
3/4	3/4	3/4	3,878.50	3/4	3,624.21	3/4	3,369.93	3/4	3,115.64	3/4	2,857.82	3/4	2,560.53	3/4	2,263.26	3/4	1,965.97	3/4	1,668.74	3/4	1,668.74
7		7	3,873.20	7	3,618.92	7	3,364.63	7	3,110.35	7	2,851.63	7	2,554.34	7	2,257.07	7	1,959.78	7	1,662.56	7	1,662.56
1/4	1/4	1/4	3,867.90	1/4	3,613.62	1/4	3,359.33	1/4	3,105.05	1/4	2,845.44	1/4	2,548.15	1/4	2,250.88	1/4	1,953.59	1/4	1,656.38	1/4	1,656.38
1/2	1/2	1/2	3,862.61	1/2	3,608.32	1/2	3,354.04	1/2	3,099.75	1/2	2,839.24	1/2	2,541.95	1/2	2,244.68	1/2	1,947.39	1/2	1,650.21	1/2	1,650.21
3/4	3/4	3/4	3,857.31	3/4	3,603.02	3/4	3,348.74	3/4	3,094.45	3/4	2,833.05	3/4	2,535.76	3/4	2,238.49	3/4	1,941.20	3/4	1,644.03	3/4	1,644.03
8		8	3,852.01	8	3,597.73	8	3,343.44	8	3,089.16	8	2,826.86	8	2,529.57	8	2,232.30	8	1,935.01	8	1,637.85	8	1,637.85
1/4	1/4	1/4	3,846.71	1/4	3,592.43	1/4	3,338.14	1/4	3,083.86	1/4	2,820.66	1/4	2,523.37	1/4	2,226.10	1/4	1,928.81	1/4	1,631.67	1/4	1,631.67
1/2	1/2	1/2	3,841.42	1/2	3,587.13	1/2	3,332.85	1/2	3,078.56	1/2	2,814.47	1/2	2,517.18	1/2	2,219.91	1/2	1,922.62	1/2	1,625.49	1/2	1,625.49
3/4	3/4	3/4	3,836.12	3/4	3,581.83	3/4	3,327.55	3/4	3,073.26	3/4	2,808.27	3/4	2,510.99	3/4	2,213.71	3/4	1,916.43	3/4	1,619.31	3/4	1,619.31
9		9	3,830.82	9	3,576.54	9	3,322.25	9	3,067.97	9	2,802.08	9	2,504.79	9	2,207.52	9	1,910.23	9	1,613.13	9	1,613.13
1/4	1/4	1/4	3,825.52	1/4	3,571.24	1/4	3,316.95	1/4	3,062.67	1/4	2,795.89	1/4	2,498.60	1/4	2,201.33	1/4	1,904.04	1/4	1,606.95	1/4	1,606.95
1/2	1/2	1/2	3,820.23	1/2	3,565.94	1/2	3,311.66	1/2	3,057.37	1/2	2,789.69	1/2	2,492.41	1/2	2,195.13	1/2	1,897.85	1/2	1,600.77	1/2	1,600.77
3/4	3/4	3/4	3,814.93	3/4	3,560.64	3/4	3,306.36	3/4	3,052.07	3/4	2,783.50	3/4	2,486.21	3/4	2,188.94	3/4	1,891.65	3/4	1,594.59	3/4	1,594.59
10		10	3,809.63	10	3,555.35	10	3,301.06	10	3,046.78	10	2,777.31	10	2,480.02	10	2,182.75	10	1,885.46	10	1,588.41	10	1,588.41
1/4	1/4	1/4	3,804.33	1/4	3,550.05	1/4	3,295.76	1/4	3,041.48	1/4	2,771.11	1/4	2,473.83	1/4	2,176.55	1/4	1,879.27	1/4	1,582.23	1/4	1,582.23
1/2	1/2	1/2	3,799.04	1/2	3,544.75	1/2	3,290.47	1/2	3,036.18	1/2	2,764.92	1/2	2,467.63	1/2	2,170.36	1/2	1,873.07	1/2	1,576.06	1/2	1,576.06
3/4	3/4	3/4	3,793.74	3/4	3,539.45	3/4	3,285.17	3/4	3,030.88	3/4	2,758.73	3/4	2,461.44	3/4	2,164.17	3/4	1,866.88	3/4	1,569.88	3/4	1,569.88
11		11	3,788.44	11	3,534.16	11	3,279.87	11	3,025.59	11	2,752.53	11	2,455.25	11	2,157.97	11	1,860.69	11	1,563.70	11	1,563.70
1/4	1/4	1/4	3,783.14	1/4	3,528.86	1/4	3,274.57	1/4	3,020.29	1/4	2,746.34	1/4	2,449.05	1/4	2,151.78	1/4	1,854.49	1/4	1,557.52	1/4	1,557.52
1/2	1/2	1/2	3,777.84	1/2	3,523.56	1/2	3,269.28	1/2	3,014.99	1/2	2,740.15	1/2	2,442.86	1/2	2,145.59	1/2	1,848.30	1/2	1,551.34	1/2	1,551.34
3/4	3/4	3/4	3,772.55	3/4	3,518.26	3/4	3,263.98	3/4	3,009.69	3/4	2,733.95	3/4	2,436.67	3/4	2,139.39	3/4	1,842.10	3/4	1,545.16	3/4	1,545.16

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 31'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "IB 1094"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

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	IN	0
1/4	1,532.80	1/4	1,235.82	1/4	938.97	1/4	647.45	1/4	350.15	1/4	53.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,526.62	1/2	1,229.63	1/2	932.93	1/2	641.26	1/2	343.95	1/2	47.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,520.44	3/4	1,223.44	3/4	926.89	3/4	635.06	3/4	337.76	3/4	42.15	3/4		3/4		3/4		3/4		3/4	
1	1,514.26	1	1,217.25	1	920.84	1	628.87	1	331.57	1	36.53	1		1		1		1		1	
1/4	1,508.08	1/4	1,211.06	1/4	914.80	1/4	622.67	1/4	325.37	1/4	30.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,501.90	1/2	1,204.87	1/2	908.76	1/2	616.48	1/2	319.18	1/2	26.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,495.73	3/4	1,198.67	3/4	902.72	3/4	610.29	3/4	312.98	3/4	22.65	3/4		3/4		3/4		3/4		3/4	
2	1,489.55	2	1,192.48	2	896.67	2	604.09	2	306.79	2	18.52	2		2		2		2		2	
1/4	1,483.37	1/4	1,186.29	1/4	890.63	1/4	597.90	1/4	300.60	1/4	14.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,477.19	1/2	1,180.10	1/2	884.59	1/2	591.71	1/2	294.40	1/2	12.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.01	3/4	1,173.91	3/4	878.55	3/4	585.51	3/4	288.21	3/4	10.25	3/4		3/4		3/4		3/4		3/4	
3	1,464.83	3	1,167.72	3	872.51	3	579.32	3	282.01	3	8.18	3		3		3		3		3	
1/4	1,458.65	1/4	1,161.53	1/4	866.47	1/4	573.12	1/4	275.82	1/4	6.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,452.47	1/2	1,155.34	1/2	860.42	1/2	566.93	1/2	269.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,446.28	3/4	1,149.15	3/4	854.38	3/4	560.74	3/4	263.43	3/4		3/4		3/4		3/4		3/4		3/4	
4	1,440.10	4	1,142.96	4	848.34	4	554.54	4	257.24	4		4		4		4		4		4	
1/4	1,433.91	1/4	1,136.77	1/4	842.30	1/4	548.35	1/4	251.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,427.72	1/2	1,130.58	1/2	836.26	1/2	542.15	1/2	244.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,421.53	3/4	1,124.39	3/4	830.22	3/4	535.96	3/4	238.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	1,415.34	5	1,118.20	5	824.18	5	529.77	5	232.45	5		5		5		5		5		5	
1/4	1,409.15	1/4	1,112.01	1/4	818.13	1/4	523.57	1/4	226.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,402.96	1/2	1,105.82	1/2	812.09	1/2	517.38	1/2	220.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,396.77	3/4	1,099.63	3/4	806.05	3/4	511.19	3/4	213.86	3/4		3/4		3/4		3/4		3/4		3/4	
6	1,390.58	6	1,093.44	6	800.01	6	504.99	6	207.66	6		6		6		6		6		6	
1/4	1,384.39	1/4	1,087.25	1/4	793.97	1/4	498.80	1/4	201.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,378.20	1/2	1,081.06	1/2	787.93	1/2	492.60	1/2	195.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,372.01	3/4	1,074.86	3/4	781.88	3/4	486.41	3/4	189.06	3/4		3/4		3/4		3/4		3/4		3/4	
7	1,365.82	7	1,068.67	7	775.84	7	480.22	7	182.86	7		7		7		7		7		7	
1/4	1,359.63	1/4	1,062.48	1/4	769.80	1/4	474.02	1/4	176.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,353.44	1/2	1,056.29	1/2	763.76	1/2	467.83	1/2	170.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,347.25	3/4	1,050.10	3/4	757.72	3/4	461.64	3/4	164.27	3/4		3/4		3/4		3/4		3/4		3/4	
8	1,341.06	8	1,043.91	8	751.68	8	455.44	8	158.08	8		8		8		8		8		8	
1/4	1,334.87	1/4	1,037.72	1/4	745.63	1/4	449.25	1/4	151.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,328.68	1/2	1,031.53	1/2	739.59	1/2	443.05	1/2	145.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,322.48	3/4	1,025.34	3/4	733.55	3/4	436.86	3/4	139.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,316.29	9	1,019.15	9	727.51	9	430.67	9	133.31	9		9		9		9		9		9	
1/4	1,310.10	1/4	1,012.96	1/4	721.47	1/4	424.47	1/4	127.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,303.91	1/2	1,006.77	1/2	715.35	1/2	418.28	1/2	120.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,297.72	3/4	1,000.58	3/4	709.23	3/4	412.08	3/4	114.77	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,291.53	10	994.39	10	703.12	10	405.89	10	108.59	10		10		10		10		10		10	
1/4	1,285.34	1/4	988.20	1/4	697.00	1/4	399.70	1/4	102.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,279.15	1/2	982.01	1/2	690.81	1/2	393.50	1/2	96.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,272.96	3/4	975.82	3/4	684.61	3/4	387.31	3/4	90.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,266.77	11	969.63	11	678.42	11	381.12	11	83.97	11		11		11		11		11		11	
1/4	1,260.58	1/4	963.44	1/4	672.22	1/4	374.92	1/4	77.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,254.39	1/2	957.32	1/2	666.03	1/2	368.73	1/2	71.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,248.20	3/4	951.20	3/4	659.84	3/4	362.53	3/4	65.60	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2017 SW
CALCULATED: 07/26/2017 CL
PRINTED: 07/26/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017

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



BARGE "IB 1094"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	3,474.86	0	3,211.30	0	2,947.74	0	2,684.17	0	2,420.61	0	2,157.05	0	1,893.48	0	1,629.92
1/4		1/4		1/4	3,469.37	1/4	3,205.81	1/4	2,942.25	1/4	2,678.68	1/4	2,415.12	1/4	2,151.56	1/4	1,887.99	1/4	1,624.43
1/2		1/2		1/2	3,463.88	1/2	3,200.32	1/2	2,936.76	1/2	2,673.19	1/2	2,409.63	1/2	2,146.07	1/2	1,882.50	1/2	1,618.94
3/4		3/4		3/4	3,458.39	3/4	3,194.83	3/4	2,931.26	3/4	2,667.70	3/4	2,404.14	3/4	2,140.57	3/4	1,877.01	3/4	1,613.45
1		1		1	3,452.90	1	3,189.34	1	2,925.77	1	2,662.21	1	2,398.65	1	2,135.08	1	1,871.52	1	1,607.96
1/4		1/4		1/4	3,447.41	1/4	3,183.85	1/4	2,920.28	1/4	2,656.72	1/4	2,393.16	1/4	2,129.59	1/4	1,866.03	1/4	1,602.47
1/2		1/2	3,685.81	1/2	3,441.92	1/2	3,178.35	1/2	2,914.79	1/2	2,651.23	1/2	2,387.67	1/2	2,124.10	1/2	1,860.54	1/2	1,596.98
3/4		3/4	3,683.52	3/4	3,436.43	3/4	3,172.86	3/4	2,909.30	3/4	2,645.74	3/4	2,382.17	3/4	2,118.61	3/4	1,855.05	3/4	1,591.48
2		2	3,681.23	2	3,430.94	2	3,167.37	2	2,903.81	2	2,640.25	2	2,376.68	2	2,113.12	2	1,849.56	2	1,585.99
1/4		1/4	3,678.95	1/4	3,425.45	1/4	3,161.88	1/4	2,898.32	1/4	2,634.76	1/4	2,371.19	1/4	2,107.63	1/4	1,844.07	1/4	1,580.50
1/2		1/2	3,676.66	1/2	3,419.95	1/2	3,156.39	1/2	2,892.83	1/2	2,629.26	1/2	2,365.70	1/2	2,102.14	1/2	1,838.58	1/2	1,575.01
3/4		3/4	3,672.58	3/4	3,414.46	3/4	3,150.90	3/4	2,887.34	3/4	2,623.77	3/4	2,360.21	3/4	2,096.65	3/4	1,833.08	3/4	1,569.52
3		3	3,668.50	3	3,408.97	3	3,145.41	3	2,881.85	3	2,618.28	3	2,354.72	3	2,091.16	3	1,827.59	3	1,564.03
1/4		1/4	3,664.42	1/4	3,403.48	1/4	3,139.92	1/4	2,876.36	1/4	2,612.79	1/4	2,349.23	1/4	2,085.67	1/4	1,822.10	1/4	1,558.54
1/2		1/2	3,660.34	1/2	3,397.99	1/2	3,134.43	1/2	2,870.86	1/2	2,607.30	1/2	2,343.74	1/2	2,080.17	1/2	1,816.61	1/2	1,553.05
3/4		3/4	3,655.13	3/4	3,392.50	3/4	3,128.94	3/4	2,865.37	3/4	2,601.81	3/4	2,338.25	3/4	2,074.68	3/4	1,811.12	3/4	1,547.56
4		4	3,649.92	4	3,387.01	4	3,123.45	4	2,859.88	4	2,596.32	4	2,332.76	4	2,069.19	4	1,805.63	4	1,542.07
1/4		1/4	3,644.71	1/4	3,381.52	1/4	3,117.95	1/4	2,854.39	1/4	2,590.83	1/4	2,327.27	1/4	2,063.70	1/4	1,800.14	1/4	1,536.58
1/2		1/2	3,639.51	1/2	3,376.03	1/2	3,112.46	1/2	2,848.90	1/2	2,585.34	1/2	2,321.77	1/2	2,058.21	1/2	1,794.65	1/2	1,531.08
3/4		3/4	3,634.04	3/4	3,370.54	3/4	3,106.97	3/4	2,843.41	3/4	2,579.85	3/4	2,316.28	3/4	2,052.72	3/4	1,789.16	3/4	1,525.59
5		5	3,628.57	5	3,365.05	5	3,101.48	5	2,837.92	5	2,574.36	5	2,310.79	5	2,047.23	5	1,783.67	5	1,520.10
1/4		1/4	3,623.09	1/4	3,359.55	1/4	3,095.99	1/4	2,832.43	1/4	2,568.86	1/4	2,305.30	1/4	2,041.74	1/4	1,778.18	1/4	1,514.61
1/2		1/2	3,617.62	1/2	3,354.06	1/2	3,090.50	1/2	2,826.94	1/2	2,563.37	1/2	2,299.81	1/2	2,036.25	1/2	1,772.68	1/2	1,509.12
3/4		3/4	3,612.14	3/4	3,348.57	3/4	3,085.01	3/4	2,821.45	3/4	2,557.88	3/4	2,294.32	3/4	2,030.76	3/4	1,767.19	3/4	1,503.63
6		6	3,606.65	6	3,343.08	6	3,079.52	6	2,815.96	6	2,552.39	6	2,288.83	6	2,025.27	6	1,761.70	6	1,498.14
1/4		1/4	3,601.17	1/4	3,337.59	1/4	3,074.03	1/4	2,810.46	1/4	2,546.90	1/4	2,283.34	1/4	2,019.77	1/4	1,756.21	1/4	1,492.65
1/2		1/2	3,595.68	1/2	3,332.10	1/2	3,068.54	1/2	2,804.97	1/2	2,541.41	1/2	2,277.85	1/2	2,014.28	1/2	1,750.72	1/2	1,487.16
3/4		3/4	3,590.18	3/4	3,326.61	3/4	3,063.05	3/4	2,799.48	3/4	2,535.92	3/4	2,272.36	3/4	2,008.79	3/4	1,745.23	3/4	1,481.67
7		7	3,584.69	7	3,321.12	7	3,057.56	7	2,793.99	7	2,530.43	7	2,266.87	7	2,003.30	7	1,739.74	7	1,476.18
1/4		1/4	3,579.19	1/4	3,315.63	1/4	3,052.06	1/4	2,788.50	1/4	2,524.94	1/4	2,261.37	1/4	1,997.81	1/4	1,734.25	1/4	1,470.68
1/2		1/2	3,573.70	1/2	3,310.14	1/2	3,046.57	1/2	2,783.01	1/2	2,519.45	1/2	2,255.88	1/2	1,992.32	1/2	1,728.76	1/2	1,465.19
3/4		3/4	3,568.21	3/4	3,304.65	3/4	3,041.08	3/4	2,777.52	3/4	2,513.96	3/4	2,250.39	3/4	1,986.83	3/4	1,723.27	3/4	1,459.70
8		8	3,562.72	8	3,299.15	8	3,035.59	8	2,772.03	8	2,508.47	8	2,244.90	8	1,981.34	8	1,717.78	8	1,454.21
1/4		1/4	3,557.23	1/4	3,293.66	1/4	3,030.10	1/4	2,766.54	1/4	2,502.97	1/4	2,239.41	1/4	1,975.85	1/4	1,712.28	1/4	1,448.72
1/2		1/2	3,551.74	1/2	3,288.17	1/2	3,024.61	1/2	2,761.05	1/2	2,497.48	1/2	2,233.92	1/2	1,970.36	1/2	1,706.79	1/2	1,443.23
3/4		3/4	3,546.25	3/4	3,282.68	3/4	3,019.12	3/4	2,755.56	3/4	2,491.99	3/4	2,228.43	3/4	1,964.87	3/4	1,701.30	3/4	1,437.74
9		9	3,540.75	9	3,277.19	9	3,013.63	9	2,750.06	9	2,486.50	9	2,222.94	9	1,959.38	9	1,695.81	9	1,432.25
1/4		1/4	3,535.26	1/4	3,271.70	1/4	3,008.14	1/4	2,744.57	1/4	2,481.01	1/4	2,217.45	1/4	1,953.88	1/4	1,690.32	1/4	1,426.76
1/2		1/2	3,529.77	1/2	3,266.21	1/2	3,002.65	1/2	2,739.08	1/2	2,475.52	1/2	2,211.96	1/2	1,948.39	1/2	1,684.83	1/2	1,421.27
3/4		3/4	3,524.28	3/4	3,260.72	3/4	2,997.16	3/4	2,733.59	3/4	2,470.03	3/4	2,206.47	3/4	1,942.90	3/4	1,679.34	3/4	1,415.78
10		10	3,518.79	10	3,255.23	10	2,991.66	10	2,728.10	10	2,464.54	10	2,200.97	10	1,937.41	10	1,673.85	10	1,410.29
1/4		1/4	3,513.30	1/4	3,249.74	1/4	2,986.17	1/4	2,722.61	1/4	2,459.05	1/4	2,195.48	1/4	1,931.92	1/4	1,668.36	1/4	1,404.79
1/2		1/2	3,507.81	1/2	3,244.25	1/2	2,980.68	1/2	2,717.12	1/2	2,453.56	1/2	2,189.99	1/2	1,926.43	1/2	1,662.87	1/2	1,399.30
3/4		3/4	3,502.32	3/4	3,238.75	3/4	2,975.19	3/4	2,711.63	3/4	2,448.07	3/4	2,184.50	3/4	1,920.94	3/4	1,657.38	3/4	1,393.81
11		11	3,496.83	11	3,233.26	11	2,969.70	11	2,706.14	11	2,442.57	11	2,179.01	11	1,915.45	11	1,651.88	11	1,388.32
1/4		1/4	3,491.34	1/4	3,227.77	1/4	2,964.21	1/4	2,700.65	1/4	2,437.08	1/4	2,173.52	1/4	1,909.96	1/4	1,646.39	1/4	1,382.83
1/2		1/2	3,485.85	1/2	3,222.28	1/2	2,958.72	1/2	2,695.16	1/2	2,431.59	1/2	2,168.03	1/2	1,904.47	1/2	1,640.90	1/2	1,377.34
3/4		3/4	3,480.35	3/4	3,216.79	3/4	2,953.23	3/4	2,689.66	3/4	2,426.10	3/4	2,162.54	3/4	1,898.98	3/4	1,635.41	3/4	1,371.85

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 25'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1094"

2 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	1,366.36	0	1,102.79	0	839.38	0	581.67	0	318.12	0	55.10	0		0		0		0	
1/4	1,360.87	1/4	1,097.30	1/4	833.96	1/4	576.18	1/4	312.63	1/4	49.70	1/4		1/4		1/4		1/4	
1/2	1,355.38	1/2	1,091.81	1/2	828.55	1/2	570.69	1/2	307.13	1/2	44.30	1/2		1/2		1/2		1/2	
3/4	1,349.89	3/4	1,086.32	3/4	823.21	3/4	565.20	3/4	301.64	3/4	39.32	3/4		3/4		3/4		3/4	
1	1,344.39	1	1,080.83	1	817.86	1	559.71	1	296.15	1	34.35	1		1		1		1	
1/4	1,338.90	1/4	1,075.34	1/4	812.52	1/4	554.22	1/4	290.66	1/4	29.38	1/4		1/4		1/4		1/4	
1/2	1,333.41	1/2	1,069.85	1/2	807.18	1/2	548.73	1/2	285.17	1/2	24.41	1/2		1/2		1/2		1/2	
3/4	1,327.92	3/4	1,064.36	3/4	801.84	3/4	543.23	3/4	279.68	3/4	20.75	3/4		3/4		3/4		3/4	
2	1,322.43	2	1,058.87	2	796.50	2	537.74	2	274.19	2	17.09	2		2		2		2	
1/4	1,316.94	1/4	1,053.38	1/4	791.16	1/4	532.25	1/4	268.70	1/4	13.44	1/4		1/4		1/4		1/4	
1/2	1,311.45	1/2	1,047.89	1/2	785.81	1/2	526.76	1/2	263.21	1/2	9.78	1/2		1/2		1/2		1/2	
3/4	1,305.96	3/4	1,042.39	3/4	780.47	3/4	521.27	3/4	257.72	3/4	7.95	3/4		3/4		3/4		3/4	
3	1,300.47	3	1,036.90	3	775.13	3	515.78	3	252.23	3	6.12	3		3		3		3	
1/4	1,294.98	1/4	1,031.41	1/4	769.79	1/4	510.29	1/4	246.74	1/4	4.29	1/4		1/4		1/4		1/4	
1/2	1,289.49	1/2	1,025.92	1/2	764.45	1/2	504.80	1/2	241.25	1/2	2.46	1/2		1/2		1/2		1/2	
3/4	1,283.99	3/4	1,020.43	3/4	759.11	3/4	499.31	3/4	235.76	3/4		3/4		3/4		3/4		3/4	
4	1,278.50	4	1,014.94	4	753.77	4	493.82	4	230.26	4		4		4		4		4	
1/4	1,273.01	1/4	1,009.45	1/4	748.43	1/4	488.33	1/4	224.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,267.52	1/2	1,003.96	1/2	743.09	1/2	482.84	1/2	219.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,262.03	3/4	998.47	3/4	737.75	3/4	477.35	3/4	213.79	3/4		3/4		3/4		3/4		3/4	
5	1,256.54	5	992.98	5	732.41	5	471.86	5	208.30	5		5		5		5		5	
1/4	1,251.05	1/4	987.49	1/4	727.07	1/4	466.36	1/4	202.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,245.56	1/2	981.99	1/2	721.73	1/2	460.87	1/2	197.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,240.07	3/4	976.50	3/4	716.39	3/4	455.38	3/4	191.83	3/4		3/4		3/4		3/4		3/4	
6	1,234.58	6	971.01	6	711.05	6	449.89	6	186.34	6		6		6		6		6	
1/4	1,229.09	1/4	965.52	1/4	705.71	1/4	444.40	1/4	180.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,223.59	1/2	960.03	1/2	700.36	1/2	438.91	1/2	175.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,218.10	3/4	954.54	3/4	695.02	3/4	433.42	3/4	169.87	3/4		3/4		3/4		3/4		3/4	
7	1,212.61	7	949.05	7	689.68	7	427.93	7	164.38	7		7		7		7		7	
1/4	1,207.12	1/4	943.56	1/4	684.34	1/4	422.44	1/4	158.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,201.63	1/2	938.07	1/2	679.00	1/2	416.95	1/2	153.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,196.14	3/4	932.58	3/4	673.66	3/4	411.46	3/4	147.91	3/4		3/4		3/4		3/4		3/4	
8	1,190.65	8	927.09	8	668.32	8	405.97	8	142.42	8		8		8		8		8	
1/4	1,185.16	1/4	921.59	1/4	662.98	1/4	400.48	1/4	136.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,179.67	1/2	916.10	1/2	657.64	1/2	394.99	1/2	131.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,174.18	3/4	910.61	3/4	652.30	3/4	389.49	3/4	125.97	3/4		3/4		3/4		3/4		3/4	
9	1,168.69	9	905.12	9	646.96	9	384.00	9	120.49	9		9		9		9		9	
1/4	1,163.19	1/4	899.63	1/4	641.62	1/4	378.51	1/4	115.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,157.70	1/2	894.14	1/2	636.28	1/2	373.02	1/2	109.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,152.21	3/4	888.65	3/4	630.86	3/4	367.53	3/4	104.07	3/4		3/4		3/4		3/4		3/4	
10	1,146.72	10	883.16	10	625.45	10	362.04	10	98.60	10		10		10		10		10	
1/4	1,141.23	1/4	877.67	1/4	620.03	1/4	356.55	1/4	93.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,135.74	1/2	872.18	1/2	614.61	1/2	351.06	1/2	87.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,130.25	3/4	866.69	3/4	609.12	3/4	345.57	3/4	82.23	3/4		3/4		3/4		3/4		3/4	
11	1,124.76	11	861.20	11	603.63	11	340.08	11	76.79	11		11		11		11		11	
1/4	1,119.27	1/4	855.70	1/4	598.14	1/4	334.59	1/4	71.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,113.78	1/2	850.21	1/2	592.65	1/2	329.10	1/2	65.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,108.29	3/4	844.80	3/4	587.16	3/4	323.61	3/4	60.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2017 SW
CALCULATED: 07/26/2017 CL
PRINTED: 07/26/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017

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



BARGE "IB 1094"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

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	
0		0		0	3,451.72	0	3,190.33	0	2,928.94	0	2,667.55	0	2,406.17	0	2,144.78	0	1,883.39	0	1,622.00		
1/4	1/4	1/4	3,446.28	1/4	3,184.89	1/4	2,923.50	1/4	2,662.11	1/4	2,400.72	1/4	2,139.33	1/4	1,877.94	1/4	1,616.55				
1/2	1/2	1/2	3,440.83	1/2	3,179.44	1/2	2,918.05	1/2	2,656.66	1/2	2,395.27	1/2	2,133.89	1/2	1,872.50	1/2	1,611.11				
3/4	3/4	3/4	3,435.38	3/4	3,174.00	3/4	2,912.61	3/4	2,651.22	3/4	2,389.83	3/4	2,128.44	3/4	1,867.05	3/4	1,605.66				
1		1	3,429.94	1	3,168.55	1	2,907.16	1	2,645.77	1	2,384.38	1	2,122.99	1	1,861.61	1	1,600.22				
1/4	1/4	1/4	3,424.49	1/4	3,163.10	1/4	2,901.72	1/4	2,640.33	1/4	2,378.94	1/4	2,117.55	1/4	1,856.16	1/4	1,594.77				
1/2	1/2	1/2	3,660.90	1/2	3,419.05	1/2	3,157.66	1/2	2,896.27	1/2	2,634.88	1/2	2,373.49	1/2	2,112.10	1/2	1,850.71	1/2	1,589.33		
3/4	3/4	3/4	3,658.63	3/4	3,413.60	3/4	3,152.21	3/4	2,890.82	3/4	2,629.44	3/4	2,368.05	3/4	2,106.66	3/4	1,845.27	3/4	1,583.88		
2		2	3,656.36	2	3,408.16	2	3,146.77	2	2,885.38	2	2,623.99	2	2,362.60	2	2,101.21	2	1,839.82	2	1,578.43		
1/4	1/4	1/4	3,654.09	1/4	3,402.71	1/4	3,141.32	1/4	2,879.93	1/4	2,618.54	1/4	2,357.16	1/4	2,095.77	1/4	1,834.38	1/4	1,572.99		
1/2	1/2	1/2	3,651.82	1/2	3,397.27	1/2	3,135.88	1/2	2,874.49	1/2	2,613.10	1/2	2,351.71	1/2	2,090.32	1/2	1,828.93	1/2	1,567.54		
3/4	3/4	3/4	3,647.78	3/4	3,391.82	3/4	3,130.43	3/4	2,869.04	3/4	2,607.65	3/4	2,346.26	3/4	2,084.88	3/4	1,823.49	3/4	1,562.10		
3		3	3,643.73	3	3,386.37	3	3,124.99	3	2,863.60	3	2,602.21	3	2,340.82	3	2,079.43	3	1,818.04	3	1,556.65		
1/4	1/4	1/4	3,639.68	1/4	3,380.93	1/4	3,119.54	1/4	2,858.15	1/4	2,596.76	1/4	2,335.37	1/4	2,073.98	1/4	1,812.60	1/4	1,551.21		
1/2	1/2	1/2	3,635.64	1/2	3,375.48	1/2	3,114.09	1/2	2,852.71	1/2	2,591.32	1/2	2,329.93	1/2	2,068.54	1/2	1,807.15	1/2	1,545.76		
3/4	3/4	3/4	3,630.47	3/4	3,370.04	3/4	3,108.65	3/4	2,847.26	3/4	2,585.87	3/4	2,324.48	3/4	2,063.09	3/4	1,801.70	3/4	1,540.32		
4		4	3,625.31	4	3,364.59	4	3,103.20	4	2,841.81	4	2,580.43	4	2,319.04	4	2,057.65	4	1,796.26	4	1,534.87		
1/4	1/4	1/4	3,620.14	1/4	3,359.15	1/4	3,097.76	1/4	2,836.37	1/4	2,574.98	1/4	2,313.59	1/4	2,052.20	1/4	1,790.81	1/4	1,529.42		
1/2	1/2	1/2	3,614.98	1/2	3,353.70	1/2	3,092.31	1/2	2,830.92	1/2	2,569.53	1/2	2,308.15	1/2	2,046.76	1/2	1,785.37	1/2	1,523.98		
3/4	3/4	3/4	3,609.55	3/4	3,348.25	3/4	3,086.87	3/4	2,825.48	3/4	2,564.09	3/4	2,302.70	3/4	2,041.31	3/4	1,779.92	3/4	1,518.53		
5		5	3,604.13	5	3,342.81	5	3,081.42	5	2,820.03	5	2,558.64	5	2,297.25	5	2,035.87	5	1,774.48	5	1,513.09		
1/4	1/4	1/4	3,598.70	1/4	3,337.36	1/4	3,075.97	1/4	2,814.59	1/4	2,553.20	1/4	2,291.81	1/4	2,030.42	1/4	1,769.03	1/4	1,507.64		
1/2	1/2	1/2	3,593.28	1/2	3,331.92	1/2	3,070.53	1/2	2,809.14	1/2	2,547.75	1/2	2,286.36	1/2	2,024.97	1/2	1,763.59	1/2	1,502.20		
3/4	3/4	3/4	3,587.84	3/4	3,326.47	3/4	3,065.08	3/4	2,803.69	3/4	2,542.31	3/4	2,280.92	3/4	2,019.53	3/4	1,758.14	3/4	1,496.75		
6		6	3,582.40	6	3,321.03	6	3,059.64	6	2,798.25	6	2,536.86	6	2,275.47	6	2,014.08	6	1,752.69	6	1,491.31		
1/4	1/4	1/4	3,576.96	1/4	3,315.58	1/4	3,054.19	1/4	2,792.80	1/4	2,531.41	1/4	2,270.03	1/4	2,008.64	1/4	1,747.25	1/4	1,485.86		
1/2	1/2	1/2	3,571.51	1/2	3,310.14	1/2	3,048.75	1/2	2,787.36	1/2	2,525.97	1/2	2,264.58	1/2	2,003.19	1/2	1,741.80	1/2	1,480.41		
3/4	3/4	3/4	3,566.07	3/4	3,304.69	3/4	3,043.30	3/4	2,781.91	3/4	2,520.52	3/4	2,259.13	3/4	1,997.75	3/4	1,736.36	3/4	1,474.97		
7		7	3,560.63	7	3,299.24	7	3,037.86	7	2,776.47	7	2,515.08	7	2,253.69	7	1,992.30	7	1,730.91	7	1,469.52		
1/4	1/4	1/4	3,555.19	1/4	3,293.80	1/4	3,032.41	1/4	2,771.02	1/4	2,509.63	1/4	2,248.24	1/4	1,986.85	1/4	1,725.47	1/4	1,464.08		
1/2	1/2	1/2	3,549.74	1/2	3,288.35	1/2	3,026.96	1/2	2,765.58	1/2	2,504.19	1/2	2,242.80	1/2	1,981.41	1/2	1,720.02	1/2	1,458.63		
3/4	3/4	3/4	3,544.30	3/4	3,282.91	3/4	3,021.52	3/4	2,760.13	3/4	2,498.74	3/4	2,237.35	3/4	1,975.96	3/4	1,714.57	3/4	1,453.19		
8		8	3,538.85	8	3,277.46	8	3,016.07	8	2,754.68	8	2,493.30	8	2,231.91	8	1,970.52	8	1,709.13	8	1,447.74		
1/4	1/4	1/4	3,533.41	1/4	3,272.02	1/4	3,010.63	1/4	2,749.24	1/4	2,487.85	1/4	2,226.46	1/4	1,965.07	1/4	1,703.68	1/4	1,442.29		
1/2	1/2	1/2	3,527.96	1/2	3,266.57	1/2	3,005.18	1/2	2,743.79	1/2	2,482.40	1/2	2,221.02	1/2	1,959.63	1/2	1,698.24	1/2	1,436.85		
3/4	3/4	3/4	3,522.51	3/4	3,261.13	3/4	2,999.74	3/4	2,738.35	3/4	2,476.96	3/4	2,215.57	3/4	1,954.18	3/4	1,692.79	3/4	1,431.40		
9		9	3,517.07	9	3,255.68	9	2,994.29	9	2,732.90	9	2,471.51	9	2,210.12	9	1,948.74	9	1,687.35	9	1,425.96		
1/4	1/4	1/4	3,511.62	1/4	3,250.23	1/4	2,988.85	1/4	2,727.46	1/4	2,466.07	1/4	2,204.68	1/4	1,943.29	1/4	1,681.90	1/4	1,420.51		
1/2	1/2	1/2	3,506.18	1/2	3,244.79	1/2	2,983.40	1/2	2,722.01	1/2	2,460.62	1/2	2,199.23	1/2	1,937.84	1/2	1,676.46	1/2	1,415.07		
3/4	3/4	3/4	3,500.73	3/4	3,239.34	3/4	2,977.95	3/4	2,716.57	3/4	2,455.18	3/4	2,193.79	3/4	1,932.40	3/4	1,671.01	3/4	1,409.62		
10		10	3,495.29	10	3,233.90	10	2,972.51	10	2,711.12	10	2,449.73	10	2,188.34	10	1,926.95	10	1,665.56	10	1,404.18		
1/4	1/4	1/4	3,489.84	1/4	3,228.45	1/4	2,967.06	1/4	2,705.67	1/4	2,444.29	1/4	2,182.90	1/4	1,921.51	1/4	1,660.12	1/4	1,398.73		
1/2	1/2	1/2	3,484.39	1/2	3,223.01	1/2	2,961.62	1/2	2,700.23	1/2	2,438.84	1/2	2,177.45	1/2	1,916.06	1/2	1,654.67	1/2	1,393.28		
3/4	3/4	3/4	3,478.95	3/4	3,217.56	3/4	2,956.17	3/4	2,694.78	3/4	2,433.39	3/4	2,172.01	3/4	1,910.62	3/4	1,649.23	3/4	1,387.84		
11		11	3,473.50	11	3,212.11	11	2,950.73	11	2,689.34	11	2,427.95	11	2,166.56	11	1,905.17	11	1,643.78	11	1,382.39		
1/4	1/4	1/4	3,468.06	1/4	3,206.67	1/4	2,945.28	1/4	2,683.89	1/4	2,422.50	1/4	2,161.11	1/4	1,899.73	1/4	1,638.34	1/4	1,376.95		
1/2	1/2	1/2	3,462.61	1/2	3,201.22	1/2	2,939.83	1/2	2,678.45	1/2	2,417.06	1/2	2,155.67	1/2	1,894.28	1/2	1,632.89	1/2	1,371.50		
3/4	3/4	3/4	3,457.17	3/4	3,195.78	3/4	2,934.39	3/4	2,673.00	3/4	2,411.61	3/4	2,150.22	3/4	1,888.83	3/4	1,627.45	3/4	1,366.06		

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 1094"

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	1,360.61	0	1,099.22	0	837.84	0	576.87	0	315.49	0	54.65	0		0		0		0	
1/4	1,355.17	1/4	1,093.78	1/4	832.40	1/4	571.43	1/4	310.05	1/4	49.29	1/4		1/4		1/4		1/4	
1/2	1,349.72	1/2	1,088.33	1/2	826.96	1/2	565.98	1/2	304.60	1/2	43.93	1/2		1/2		1/2		1/2	
3/4	1,344.27	3/4	1,082.89	3/4	821.52	3/4	560.53	3/4	299.16	3/4	39.00	3/4		3/4		3/4		3/4	
1	1,338.83	1	1,077.44	1	816.09	1	555.09	1	293.71	1	34.07	1		1		1		1	
1/4	1,333.38	1/4	1,071.99	1/4	810.65	1/4	549.64	1/4	288.26	1/4	29.14	1/4		1/4		1/4		1/4	
1/2	1,327.94	1/2	1,066.55	1/2	805.22	1/2	544.20	1/2	282.82	1/2	24.21	1/2		1/2		1/2		1/2	
3/4	1,322.49	3/4	1,061.10	3/4	799.78	3/4	538.75	3/4	277.37	3/4	20.58	3/4		3/4		3/4		3/4	
2	1,317.05	2	1,055.66	2	794.34	2	533.31	2	271.93	2	16.95	2		2		2		2	
1/4	1,311.60	1/4	1,050.21	1/4	788.91	1/4	527.86	1/4	266.48	1/4	13.33	1/4		1/4		1/4		1/4	
1/2	1,306.15	1/2	1,044.77	1/2	783.47	1/2	522.42	1/2	261.04	1/2	9.70	1/2		1/2		1/2		1/2	
3/4	1,300.71	3/4	1,039.32	3/4	778.04	3/4	516.97	3/4	255.59	3/4	7.89	3/4		3/4		3/4		3/4	
3	1,295.26	3	1,033.87	3	772.60	3	511.53	3	250.15	3	6.07	3		3		3		3	
1/4	1,289.82	1/4	1,028.43	1/4	767.17	1/4	506.08	1/4	244.70	1/4	4.26	1/4		1/4		1/4		1/4	
1/2	1,284.37	1/2	1,022.98	1/2	761.73	1/2	500.64	1/2	239.26	1/2	2.44	1/2		1/2		1/2		1/2	
3/4	1,278.93	3/4	1,017.54	3/4	756.30	3/4	495.19	3/4	233.81	3/4		3/4		3/4		3/4		3/4	
4	1,273.48	4	1,012.09	4	750.86	4	489.74	4	228.37	4		4		4		4		4	
1/4	1,268.04	1/4	1,006.65	1/4	745.43	1/4	484.30	1/4	222.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,262.59	1/2	1,001.20	1/2	740.00	1/2	478.85	1/2	217.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.14	3/4	995.76	3/4	734.56	3/4	473.41	3/4	212.03	3/4		3/4		3/4		3/4		3/4	
5	1,251.70	5	990.31	5	729.13	5	467.96	5	206.58	5		5		5		5		5	
1/4	1,246.25	1/4	984.86	1/4	723.69	1/4	462.52	1/4	201.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.81	1/2	979.42	1/2	718.26	1/2	457.07	1/2	195.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,235.36	3/4	973.97	3/4	712.82	3/4	451.63	3/4	190.25	3/4		3/4		3/4		3/4		3/4	
6	1,229.92	6	968.53	6	707.39	6	446.18	6	184.80	6		6		6		6		6	
1/4	1,224.47	1/4	963.08	1/4	701.95	1/4	440.74	1/4	179.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,219.03	1/2	957.64	1/2	696.52	1/2	435.29	1/2	173.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,213.58	3/4	952.19	3/4	691.08	3/4	429.85	3/4	168.47	3/4		3/4		3/4		3/4		3/4	
7	1,208.13	7	946.75	7	685.65	7	424.40	7	163.02	7		7		7		7		7	
1/4	1,202.69	1/4	941.30	1/4	680.21	1/4	418.95	1/4	157.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,197.24	1/2	935.85	1/2	674.78	1/2	413.51	1/2	152.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,191.80	3/4	930.41	3/4	669.34	3/4	408.06	3/4	146.69	3/4		3/4		3/4		3/4		3/4	
8	1,186.35	8	924.96	8	663.91	8	402.62	8	141.25	8		8		8		8		8	
1/4	1,180.91	1/4	919.52	1/4	658.47	1/4	397.17	1/4	135.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,175.46	1/2	914.07	1/2	653.04	1/2	391.73	1/2	130.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,170.01	3/4	908.63	3/4	647.61	3/4	386.28	3/4	124.93	3/4		3/4		3/4		3/4		3/4	
9	1,164.57	9	903.18	9	642.17	9	380.84	9	119.50	9		9		9		9		9	
1/4	1,159.12	1/4	897.73	1/4	636.74	1/4	375.39	1/4	114.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,153.68	1/2	892.29	1/2	631.30	1/2	369.95	1/2	108.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,148.23	3/4	886.84	3/4	625.86	3/4	364.50	3/4	103.21	3/4		3/4		3/4		3/4		3/4	
10	1,142.79	10	881.40	10	620.42	10	359.06	10	97.79	10		10		10		10		10	
1/4	1,137.34	1/4	875.95	1/4	614.98	1/4	353.61	1/4	92.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,131.90	1/2	870.51	1/2	609.54	1/2	348.16	1/2	86.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,126.45	3/4	865.06	3/4	604.10	3/4	342.72	3/4	81.55	3/4		3/4		3/4		3/4		3/4	
11	1,121.00	11	859.62	11	598.65	11	337.27	11	76.16	11		11		11		11		11	
1/4	1,115.56	1/4	854.17	1/4	593.21	1/4	331.83	1/4	70.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,110.11	1/2	848.72	1/2	587.76	1/2	326.38	1/2	65.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,104.67	3/4	843.28	3/4	582.32	3/4	320.94	3/4	60.01	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2017 SW
CALCULATED: 07/26/2017 CL
PRINTED: 07/26/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017

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