



# BARGE "IB 1096"

## 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	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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"

November 4, 2017

PRECISION MEASUREMENT  
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 P.O. Box 2092  
 Pearland, Texas 77588

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# BARGE "IB 1096"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,756.11	0	3,501.86	0	3,247.61	0	2,993.37	0	2,714.98	0	2,417.74	0	2,120.51	0	1,823.26
1/4		1/4		1/4	3,750.81	1/4	3,496.56	1/4	3,242.32	1/4	2,988.07	1/4	2,708.79	1/4	2,411.55	1/4	2,114.31	1/4	1,817.07
1/2		1/2		1/2	3,745.51	1/2	3,491.27	1/2	3,237.02	1/2	2,982.77	1/2	2,702.60	1/2	2,405.36	1/2	2,108.12	1/2	1,810.88
3/4		3/4		3/4	3,974.04	3/4	3,740.22	3/4	3,485.97	3/4	3,231.72	3/4	2,977.48	3/4	2,696.40	3/4	2,399.16	3/4	1,804.68
1		1		1	3,971.90	1	3,734.92	1	3,480.67	1	3,226.43	1	2,972.18	1	2,690.21	1	2,392.97	1	1,798.49
1/4		1/4		1/4	3,969.77	1/4	3,729.62	1/4	3,475.38	1/4	3,221.13	1/4	2,966.88	1/4	2,684.02	1/4	2,386.78	1/4	1,792.30
1/2		1/2		1/2	3,967.64	1/2	3,724.33	1/2	3,470.08	1/2	3,215.83	1/2	2,961.59	1/2	2,677.82	1/2	2,380.59	1/2	1,786.11
3/4		3/4		3/4	3,965.51	3/4	3,719.03	3/4	3,464.78	3/4	3,210.54	3/4	2,956.29	3/4	2,671.63	3/4	2,374.40	3/4	1,779.91
2		2		2	3,961.81	2	3,713.73	2	3,459.49	2	3,205.24	2	2,950.99	2	2,665.44	2	2,368.20	2	1,773.72
1/4		1/4		1/4	3,958.11	1/4	3,708.44	1/4	3,454.19	1/4	3,199.94	1/4	2,945.70	1/4	2,659.25	1/4	2,362.01	1/4	1,767.53
1/2		1/2		1/2	3,954.40	1/2	3,703.14	1/2	3,448.89	1/2	3,194.65	1/2	2,940.40	1/2	2,653.05	1/2	2,355.82	1/2	1,761.34
3/4		3/4		3/4	3,950.70	3/4	3,697.84	3/4	3,443.60	3/4	3,189.35	3/4	2,935.10	3/4	2,646.86	3/4	2,349.63	3/4	1,755.14
3		3		3	3,945.72	3	3,692.55	3	3,438.30	3	3,184.05	3	2,929.81	3	2,640.67	3	2,343.44	3	1,748.95
1/4		1/4		1/4	3,940.75	1/4	3,687.25	1/4	3,433.00	1/4	3,178.76	1/4	2,924.51	1/4	2,634.48	1/4	2,337.24	1/4	1,742.76
1/2		1/2		1/2	3,935.77	1/2	3,681.95	1/2	3,427.71	1/2	3,173.46	1/2	2,919.21	1/2	2,628.28	1/2	2,331.05	1/2	1,736.57
3/4		3/4		3/4	3,930.79	3/4	3,676.66	3/4	3,422.41	3/4	3,168.16	3/4	2,913.92	3/4	2,622.09	3/4	2,324.86	3/4	1,730.37
4		4		4	3,925.52	4	3,671.36	4	3,417.11	4	3,162.87	4	2,908.63	4	2,615.90	4	2,318.67	4	1,724.18
1/4		1/4		1/4	3,920.24	1/4	3,666.06	1/4	3,411.82	1/4	3,157.57	1/4	2,903.33	1/4	2,609.71	1/4	2,312.48	1/4	1,717.99
1/2		1/2		1/2	3,914.97	1/2	3,660.76	1/2	3,406.52	1/2	3,152.27	1/2	2,898.04	1/2	2,603.51	1/2	2,306.28	1/2	1,711.80
3/4		3/4		3/4	3,909.70	3/4	3,655.47	3/4	3,401.22	3/4	3,146.98	3/4	2,892.75	3/4	2,597.32	3/4	2,300.09	3/4	1,705.60
5		5		5	3,904.41	5	3,650.17	5	3,395.92	5	3,141.68	5	2,887.01	5	2,591.13	5	2,293.90	5	1,699.42
1/4		1/4		1/4	3,899.12	1/4	3,644.87	1/4	3,390.63	1/4	3,136.38	1/4	2,881.27	1/4	2,584.94	1/4	2,287.71	1/4	1,693.23
1/2		1/2		1/2	3,893.82	1/2	3,639.58	1/2	3,385.33	1/2	3,131.08	1/2	2,875.53	1/2	2,578.74	1/2	2,281.52	1/2	1,687.05
3/4		3/4		3/4	3,888.53	3/4	3,634.28	3/4	3,380.03	3/4	3,125.79	3/4	2,869.80	3/4	2,572.55	3/4	2,275.32	3/4	1,680.86
6		6		6	3,883.23	6	3,628.98	6	3,374.74	6	3,120.49	6	2,863.60	6	2,566.36	6	2,269.13	6	1,674.68
1/4		1/4		1/4	3,877.94	1/4	3,623.69	1/4	3,369.44	1/4	3,115.19	1/4	2,857.41	1/4	2,560.17	1/4	2,262.94	1/4	1,668.50
1/2		1/2		1/2	3,872.64	1/2	3,618.39	1/2	3,364.14	1/2	3,109.90	1/2	2,851.22	1/2	2,553.97	1/2	2,256.74	1/2	1,662.33
3/4		3/4		3/4	3,867.34	3/4	3,613.09	3/4	3,358.85	3/4	3,104.60	3/4	2,845.03	3/4	2,547.78	3/4	2,250.55	3/4	1,656.15
7		7		7	3,862.04	7	3,607.80	7	3,353.55	7	3,099.30	7	2,838.83	7	2,541.59	7	2,244.36	7	1,649.97
1/4		1/4		1/4	3,856.75	1/4	3,602.50	1/4	3,348.25	1/4	3,094.01	1/4	2,832.64	1/4	2,535.40	1/4	2,238.17	1/4	1,643.79
1/2		1/2		1/2	3,851.45	1/2	3,597.20	1/2	3,342.96	1/2	3,088.71	1/2	2,826.45	1/2	2,529.20	1/2	2,231.97	1/2	1,637.61
3/4		3/4		3/4	3,846.15	3/4	3,591.91	3/4	3,337.66	3/4	3,083.41	3/4	2,820.25	3/4	2,523.01	3/4	2,225.78	3/4	1,631.43
8		8		8	3,840.86	8	3,586.61	8	3,332.36	8	3,078.12	8	2,814.06	8	2,516.82	8	2,219.59	8	1,625.26
1/4		1/4		1/4	3,835.56	1/4	3,581.31	1/4	3,327.07	1/4	3,072.82	1/4	2,807.87	1/4	2,510.62	1/4	2,213.40	1/4	1,619.08
1/2		1/2		1/2	3,830.26	1/2	3,576.02	1/2	3,321.77	1/2	3,067.52	1/2	2,801.68	1/2	2,504.43	1/2	2,207.20	1/2	1,612.90
3/4		3/4		3/4	3,824.97	3/4	3,570.72	3/4	3,316.47	3/4	3,062.23	3/4	2,795.48	3/4	2,498.24	3/4	2,201.01	3/4	1,606.72
9		9		9	3,819.67	9	3,565.42	9	3,311.18	9	3,056.93	9	2,789.29	9	2,492.05	9	2,194.82	9	1,600.54
1/4		1/4		1/4	3,814.37	1/4	3,560.13	1/4	3,305.88	1/4	3,051.63	1/4	2,783.10	1/4	2,485.85	1/4	2,188.63	1/4	1,594.36
1/2		1/2		1/2	3,809.08	1/2	3,554.83	1/2	3,300.58	1/2	3,046.34	1/2	2,776.91	1/2	2,479.66	1/2	2,182.43	1/2	1,588.19
3/4		3/4		3/4	3,803.78	3/4	3,549.53	3/4	3,295.29	3/4	3,041.04	3/4	2,770.71	3/4	2,473.47	3/4	2,176.24	3/4	1,582.01
10		10		10	3,798.48	10	3,544.24	10	3,289.99	10	3,035.74	10	2,764.52	10	2,467.28	10	2,170.05	10	1,575.83
1/4		1/4		1/4	3,793.18	1/4	3,538.94	1/4	3,284.69	1/4	3,030.45	1/4	2,758.33	1/4	2,461.08	1/4	2,163.86	1/4	1,569.65
1/2		1/2		1/2	3,787.89	1/2	3,533.64	1/2	3,279.40	1/2	3,025.15	1/2	2,752.14	1/2	2,454.89	1/2	2,157.66	1/2	1,563.47
3/4		3/4		3/4	3,782.59	3/4	3,528.34	3/4	3,274.10	3/4	3,019.85	3/4	2,745.94	3/4	2,448.70	3/4	2,151.47	3/4	1,557.29
11		11		11	3,777.29	11	3,523.05	11	3,268.80	11	3,014.56	11	2,739.75	11	2,442.51	11	2,145.28	11	1,551.12
1/4		1/4		1/4	3,772.00	1/4	3,517.75	1/4	3,263.50	1/4	3,009.26	1/4	2,733.56	1/4	2,436.32	1/4	2,139.08	1/4	1,544.94
1/2		1/2		1/2	3,766.70	1/2	3,512.45	1/2	3,258.21	1/2	3,003.96	1/2	2,727.37	1/2	2,430.12	1/2	2,132.89	1/2	1,538.76
3/4		3/4		3/4	3,761.40	3/4	3,507.16	3/4	3,252.91	3/4	2,998.66	3/4	2,721.17	3/4	2,423.93	3/4	2,126.70	3/4	1,532.58

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  
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# BARGE "IB 1096"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,526.40	0	1,229.45	0	932.80	0	641.17	0	343.91	0	47.77	0		0		0		0	
1/4	1,520.22	1/4	1,223.26	1/4	926.75	1/4	634.97	1/4	337.71	1/4	42.15	1/4		1/4		1/4		1/4	
1/2	1,514.05	1/2	1,217.07	1/2	920.71	1/2	628.78	1/2	331.52	1/2	36.53	1/2		1/2		1/2		1/2	
3/4	1,507.87	3/4	1,210.88	3/4	914.67	3/4	622.59	3/4	325.33	3/4	30.91	3/4		3/4		3/4		3/4	
1	1,501.69	1	1,204.69	1	908.63	1	616.39	1	319.13	1	26.78	1		1		1		1	
1/4	1,495.51	1/4	1,198.50	1/4	902.59	1/4	610.20	1/4	312.94	1/4	22.65	1/4		1/4		1/4		1/4	
1/2	1,489.33	1/2	1,192.31	1/2	896.55	1/2	604.01	1/2	306.75	1/2	18.52	1/2		1/2		1/2		1/2	
3/4	1,483.15	3/4	1,186.12	3/4	890.51	3/4	597.81	3/4	300.55	3/4	14.38	3/4		3/4		3/4		3/4	
2	1,476.98	2	1,179.93	2	884.46	2	591.62	2	294.36	2	12.32	2		2		2		2	
1/4	1,470.80	1/4	1,173.75	1/4	878.42	1/4	585.43	1/4	288.17	1/4	10.25	1/4		1/4		1/4		1/4	
1/2	1,464.62	1/2	1,167.56	1/2	872.38	1/2	579.24	1/2	281.98	1/2	8.18	1/2		1/2		1/2		1/2	
3/4	1,458.44	3/4	1,161.37	3/4	866.34	3/4	573.04	3/4	275.78	3/4	6.11	3/4		3/4		3/4		3/4	
3	1,452.26	3	1,155.18	3	860.30	3	566.85	3	269.59	3		3		3		3		3	
1/4	1,446.08	1/4	1,148.99	1/4	854.26	1/4	560.66	1/4	263.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,439.89	1/2	1,142.80	1/2	848.22	1/2	554.46	1/2	257.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,433.71	3/4	1,136.61	3/4	842.18	3/4	548.27	3/4	251.01	3/4		3/4		3/4		3/4		3/4	
4	1,427.52	4	1,130.42	4	836.14	4	542.08	4	244.81	4		4		4		4		4	
1/4	1,421.33	1/4	1,124.23	1/4	830.10	1/4	535.89	1/4	238.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,415.14	1/2	1,118.04	1/2	824.06	1/2	529.69	1/2	232.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,408.95	3/4	1,111.85	3/4	818.02	3/4	523.50	3/4	226.23	3/4		3/4		3/4		3/4		3/4	
5	1,402.76	5	1,105.66	5	811.98	5	517.31	5	220.03	5		5		5		5		5	
1/4	1,396.57	1/4	1,099.47	1/4	805.94	1/4	511.11	1/4	213.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,390.38	1/2	1,093.28	1/2	799.90	1/2	504.92	1/2	207.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,384.19	3/4	1,087.09	3/4	793.85	3/4	498.73	3/4	201.43	3/4		3/4		3/4		3/4		3/4	
6	1,378.00	6	1,080.90	6	787.81	6	492.54	6	195.23	6		6		6		6		6	
1/4	1,371.81	1/4	1,074.71	1/4	781.77	1/4	486.34	1/4	189.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,365.62	1/2	1,068.52	1/2	775.73	1/2	480.15	1/2	182.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,359.43	3/4	1,062.33	3/4	769.69	3/4	473.96	3/4	176.64	3/4		3/4		3/4		3/4		3/4	
7	1,353.24	7	1,056.14	7	763.65	7	467.76	7	170.45	7		7		7		7		7	
1/4	1,347.05	1/4	1,049.95	1/4	757.61	1/4	461.57	1/4	164.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,340.86	1/2	1,043.76	1/2	751.57	1/2	455.38	1/2	158.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,334.67	3/4	1,037.57	3/4	745.53	3/4	449.19	3/4	151.87	3/4		3/4		3/4		3/4		3/4	
8	1,328.49	8	1,031.38	8	739.49	8	442.99	8	145.68	8		8		8		8		8	
1/4	1,322.30	1/4	1,025.19	1/4	733.45	1/4	436.80	1/4	139.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,316.11	1/2	1,019.01	1/2	727.41	1/2	430.61	1/2	133.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,309.92	3/4	1,012.82	3/4	721.37	3/4	424.41	3/4	127.11	3/4		3/4		3/4		3/4		3/4	
9	1,303.73	9	1,006.63	9	715.25	9	418.22	9	120.93	9		9		9		9		9	
1/4	1,297.54	1/4	1,000.44	1/4	709.13	1/4	412.03	1/4	114.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,291.35	1/2	994.25	1/2	703.02	1/2	405.83	1/2	108.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,285.16	3/4	988.06	3/4	696.90	3/4	399.64	3/4	102.40	3/4		3/4		3/4		3/4		3/4	
10	1,278.97	10	981.87	10	690.71	10	393.45	10	96.26	10		10		10		10		10	
1/4	1,272.78	1/4	975.68	1/4	684.52	1/4	387.26	1/4	90.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,266.59	1/2	969.49	1/2	678.32	1/2	381.06	1/2	83.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,260.40	3/4	963.30	3/4	672.13	3/4	374.87	3/4	77.81	3/4		3/4		3/4		3/4		3/4	
11	1,254.21	11	957.18	11	665.94	11	368.68	11	71.70	11		11		11		11		11	
1/4	1,248.02	1/4	951.07	1/4	659.74	1/4	362.48	1/4	65.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,241.83	1/2	944.95	1/2	653.55	1/2	356.29	1/2	59.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,235.64	3/4	938.84	3/4	647.36	3/4	350.10	3/4	53.39	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/04/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

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



# BARGE "IB 1096"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,450.63	0	3,187.66	0	2,924.69	0	2,661.71	0	2,398.74	0	2,135.77	0	1,872.79	0	1,609.82		
1/4	1/4	1/4	3,445.15	1/4	3,182.18	1/4	2,919.21	1/4	2,656.23	1/4	2,393.26	1/4	2,130.29	1/4	1,867.32	1/4	1,604.34		
1/2	1/2	1/2	3,439.67	1/2	3,176.70	1/2	2,913.73	1/2	2,650.76	1/2	2,387.78	1/2	2,124.81	1/2	1,861.84	1/2	1,598.86		
3/4	3/4	3/4	3,677.51	3/4	3,434.20	3/4	3,171.22	3/4	2,908.25	3/4	2,645.28	3/4	2,382.30	3/4	2,119.33	3/4	1,856.36	3/4	1,593.39
1	1	1	3,675.23	1	3,428.72	1	3,165.74	1	2,902.77	1	2,639.80	1	2,376.83	1	2,113.85	1	1,850.88	1	1,587.91
1/4	1/4	1/4	3,672.94	1/4	3,423.24	1/4	3,160.27	1/4	2,897.29	1/4	2,634.32	1/4	2,371.35	1/4	2,108.37	1/4	1,845.40	1/4	1,582.43
1/2	1/2	1/2	3,670.66	1/2	3,417.76	1/2	3,154.79	1/2	2,891.81	1/2	2,628.84	1/2	2,365.87	1/2	2,102.90	1/2	1,839.92	1/2	1,576.95
3/4	3/4	3/4	3,668.38	3/4	3,412.28	3/4	3,149.31	3/4	2,886.34	3/4	2,623.36	3/4	2,360.39	3/4	2,097.42	3/4	1,834.44	3/4	1,571.47
2	2	2	3,664.31	2	3,406.80	2	3,143.83	2	2,880.86	2	2,617.88	2	2,354.91	2	2,091.94	2	1,828.97	2	1,565.99
1/4	1/4	1/4	3,660.24	1/4	3,401.32	1/4	3,138.35	1/4	2,875.38	1/4	2,612.41	1/4	2,349.43	1/4	2,086.46	1/4	1,823.49	1/4	1,560.51
1/2	1/2	1/2	3,656.16	1/2	3,395.84	1/2	3,132.87	1/2	2,869.90	1/2	2,606.93	1/2	2,343.95	1/2	2,080.98	1/2	1,818.01	1/2	1,555.04
3/4	3/4	3/4	3,652.09	3/4	3,390.37	3/4	3,127.39	3/4	2,864.42	3/4	2,601.45	3/4	2,338.48	3/4	2,075.50	3/4	1,812.53	3/4	1,549.56
3	3	3	3,646.90	3	3,384.89	3	3,121.91	3	2,858.94	3	2,595.97	3	2,333.00	3	2,070.02	3	1,807.05	3	1,544.08
1/4	1/4	1/4	3,641.70	1/4	3,379.41	1/4	3,116.44	1/4	2,853.46	1/4	2,590.49	1/4	2,327.52	1/4	2,064.55	1/4	1,801.57	1/4	1,538.60
1/2	1/2	1/2	3,636.50	1/2	3,373.93	1/2	3,110.96	1/2	2,847.98	1/2	2,585.01	1/2	2,322.04	1/2	2,059.07	1/2	1,796.09	1/2	1,533.12
3/4	3/4	3/4	3,631.31	3/4	3,368.45	3/4	3,105.48	3/4	2,842.51	3/4	2,579.53	3/4	2,316.56	3/4	2,053.59	3/4	1,790.62	3/4	1,527.64
4	4	4	3,625.85	4	3,362.97	4	3,100.00	4	2,837.03	4	2,574.05	4	2,311.08	4	2,048.11	4	1,785.14	4	1,522.16
1/4	1/4	1/4	3,620.39	1/4	3,357.49	1/4	3,094.52	1/4	2,831.55	1/4	2,568.58	1/4	2,305.60	1/4	2,042.63	1/4	1,779.66	1/4	1,516.69
1/2	1/2	1/2	3,614.94	1/2	3,352.02	1/2	3,089.04	1/2	2,826.07	1/2	2,563.10	1/2	2,300.12	1/2	2,037.15	1/2	1,774.18	1/2	1,511.21
3/4	3/4	3/4	3,609.48	3/4	3,346.54	3/4	3,083.56	3/4	2,820.59	3/4	2,557.62	3/4	2,294.65	3/4	2,031.67	3/4	1,768.70	3/4	1,505.73
5	5	5	3,604.00	5	3,341.06	5	3,078.09	5	2,815.11	5	2,552.14	5	2,289.17	5	2,026.19	5	1,763.22	5	1,500.25
1/4	1/4	1/4	3,598.53	1/4	3,335.58	1/4	3,072.61	1/4	2,809.63	1/4	2,546.66	1/4	2,283.69	1/4	2,020.72	1/4	1,757.74	1/4	1,494.77
1/2	1/2	1/2	3,593.06	1/2	3,330.10	1/2	3,067.13	1/2	2,804.16	1/2	2,541.18	1/2	2,278.21	1/2	2,015.24	1/2	1,752.26	1/2	1,489.29
3/4	3/4	3/4	3,587.58	3/4	3,324.62	3/4	3,061.65	3/4	2,798.68	3/4	2,535.70	3/4	2,272.73	3/4	2,009.76	3/4	1,746.79	3/4	1,483.81
6	6	6	3,582.11	6	3,319.14	6	3,056.17	6	2,793.20	6	2,530.23	6	2,267.25	6	2,004.28	6	1,741.31	6	1,478.33
1/4	1/4	1/4	3,576.63	1/4	3,313.67	1/4	3,050.69	1/4	2,787.72	1/4	2,524.75	1/4	2,261.77	1/4	1,998.80	1/4	1,735.83	1/4	1,472.86
1/2	1/2	1/2	3,571.16	1/2	3,308.19	1/2	3,045.21	1/2	2,782.24	1/2	2,519.27	1/2	2,256.30	1/2	1,993.32	1/2	1,730.35	1/2	1,467.38
3/4	3/4	3/4	3,565.68	3/4	3,302.71	3/4	3,039.74	3/4	2,776.76	3/4	2,513.79	3/4	2,250.82	3/4	1,987.84	3/4	1,724.87	3/4	1,461.90
7	7	7	3,560.20	7	3,297.23	7	3,034.26	7	2,771.28	7	2,508.31	7	2,245.34	7	1,982.37	7	1,719.39	7	1,456.42
1/4	1/4	1/4	3,554.72	1/4	3,291.75	1/4	3,028.78	1/4	2,765.81	1/4	2,502.83	1/4	2,239.86	1/4	1,976.89	1/4	1,713.91	1/4	1,450.94
1/2	1/2	1/2	3,549.25	1/2	3,286.27	1/2	3,023.30	1/2	2,760.33	1/2	2,497.35	1/2	2,234.38	1/2	1,971.41	1/2	1,708.44	1/2	1,445.46
3/4	3/4	3/4	3,543.77	3/4	3,280.79	3/4	3,017.82	3/4	2,754.85	3/4	2,491.88	3/4	2,228.90	3/4	1,965.93	3/4	1,702.96	3/4	1,439.98
8	8	8	3,538.29	8	3,275.32	8	3,012.34	8	2,749.37	8	2,486.40	8	2,223.42	8	1,960.45	8	1,697.48	8	1,434.51
1/4	1/4	1/4	3,532.81	1/4	3,269.84	1/4	3,006.86	1/4	2,743.89	1/4	2,480.92	1/4	2,217.95	1/4	1,954.97	1/4	1,692.00	1/4	1,429.03
1/2	1/2	1/2	3,527.33	1/2	3,264.36	1/2	3,001.39	1/2	2,738.41	1/2	2,475.44	1/2	2,212.47	1/2	1,949.49	1/2	1,686.52	1/2	1,423.55
3/4	3/4	3/4	3,521.85	3/4	3,258.88	3/4	2,995.91	3/4	2,732.93	3/4	2,469.96	3/4	2,206.99	3/4	1,944.02	3/4	1,681.04	3/4	1,418.07
9	9	9	3,516.37	9	3,253.40	9	2,990.43	9	2,727.46	9	2,464.48	9	2,201.51	9	1,938.54	9	1,675.56	9	1,412.59
1/4	1/4	1/4	3,510.90	1/4	3,247.92	1/4	2,984.95	1/4	2,721.98	1/4	2,459.00	1/4	2,196.03	1/4	1,933.06	1/4	1,670.09	1/4	1,407.11
1/2	1/2	1/2	3,505.42	1/2	3,242.44	1/2	2,979.47	1/2	2,716.50	1/2	2,453.53	1/2	2,190.55	1/2	1,927.58	1/2	1,664.61	1/2	1,401.63
3/4	3/4	3/4	3,499.94	3/4	3,236.97	3/4	2,973.99	3/4	2,711.02	3/4	2,448.05	3/4	2,185.07	3/4	1,922.10	3/4	1,659.13	3/4	1,396.16
10	10	10	3,494.46	10	3,231.49	10	2,968.51	10	2,705.54	10	2,442.57	10	2,179.60	10	1,916.62	10	1,653.65	10	1,390.68
1/4	1/4	1/4	3,488.98	1/4	3,226.01	1/4	2,963.04	1/4	2,700.06	1/4	2,437.09	1/4	2,174.12	1/4	1,911.14	1/4	1,648.17	1/4	1,385.20
1/2	1/2	1/2	3,483.50	1/2	3,220.53	1/2	2,957.56	1/2	2,694.58	1/2	2,431.61	1/2	2,168.64	1/2	1,905.67	1/2	1,642.69	1/2	1,379.72
3/4	3/4	3/4	3,478.02	3/4	3,215.05	3/4	2,952.08	3/4	2,689.11	3/4	2,426.13	3/4	2,163.16	3/4	1,900.19	3/4	1,637.21	3/4	1,374.24
11	11	11	3,472.55	11	3,209.57	11	2,946.60	11	2,683.63	11	2,420.65	11	2,157.68	11	1,894.71	11	1,631.74	11	1,368.76
1/4	1/4	1/4	3,467.07	1/4	3,204.09	1/4	2,941.12	1/4	2,678.15	1/4	2,415.18	1/4	2,152.20	1/4	1,889.23	1/4	1,626.26	1/4	1,363.28
1/2	1/2	1/2	3,461.59	1/2	3,198.62	1/2	2,935.64	1/2	2,672.67	1/2	2,409.70	1/2	2,146.72	1/2	1,883.75	1/2	1,620.78	1/2	1,357.81
3/4	3/4	3/4	3,456.11	3/4	3,193.14	3/4	2,930.16	3/4	2,667.19	3/4	2,404.22	3/4	2,141.25	3/4	1,878.27	3/4	1,615.30	3/4	1,352.33

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'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "IB 1096"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,346.85	0	1,083.88	0	821.35	0	563.93	0	300.96	0	39.23	0		0		0		0	
1/4	1,341.37	1/4	1,078.40	1/4	816.02	1/4	558.45	1/4	295.48	1/4	34.27	1/4		1/4		1/4		1/4	
1/2	1,335.89	1/2	1,072.92	1/2	810.69	1/2	552.97	1/2	290.01	1/2	29.31	1/2		1/2		1/2		1/2	
3/4	1,330.41	3/4	1,067.44	3/4	805.36	3/4	547.49	3/4	284.53	3/4	24.35	3/4		3/4		3/4		3/4	
1	1,324.93	1	1,061.96	1	800.03	1	542.01	1	279.05	1	20.70	1		1		1		1	
1/4	1,319.46	1/4	1,056.48	1/4	794.70	1/4	536.53	1/4	273.57	1/4	17.05	1/4		1/4		1/4		1/4	
1/2	1,313.98	1/2	1,051.00	1/2	789.37	1/2	531.06	1/2	268.09	1/2	13.40	1/2		1/2		1/2		1/2	
3/4	1,308.50	3/4	1,045.53	3/4	784.04	3/4	525.58	3/4	262.61	3/4	9.76	3/4		3/4		3/4		3/4	
2	1,303.02	2	1,040.05	2	778.71	2	520.10	2	257.14	2	7.93	2		2		2		2	
1/4	1,297.54	1/4	1,034.57	1/4	773.39	1/4	514.62	1/4	251.66	1/4	6.10	1/4		1/4		1/4		1/4	
1/2	1,292.06	1/2	1,029.09	1/2	768.06	1/2	509.14	1/2	246.18	1/2	4.28	1/2		1/2		1/2		1/2	
3/4	1,286.58	3/4	1,023.61	3/4	762.73	3/4	503.66	3/4	240.70	3/4	2.45	3/4		3/4		3/4		3/4	
3	1,281.11	3	1,018.13	3	757.40	3	498.18	3	235.22	3		3		3		3		3	
1/4	1,275.63	1/4	1,012.65	1/4	752.07	1/4	492.71	1/4	229.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,270.15	1/2	1,007.18	1/2	746.74	1/2	487.23	1/2	224.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,264.67	3/4	1,001.70	3/4	741.41	3/4	481.75	3/4	218.79	3/4		3/4		3/4		3/4		3/4	
4	1,259.19	4	996.22	4	736.09	4	476.27	4	213.31	4		4		4		4		4	
1/4	1,253.71	1/4	990.74	1/4	730.76	1/4	470.79	1/4	207.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,248.23	1/2	985.26	1/2	725.43	1/2	465.31	1/2	202.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,242.76	3/4	979.78	3/4	720.10	3/4	459.84	3/4	196.87	3/4		3/4		3/4		3/4		3/4	
5	1,237.28	5	974.30	5	714.77	5	454.36	5	191.39	5		5		5		5		5	
1/4	1,231.80	1/4	968.83	1/4	709.44	1/4	448.88	1/4	185.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,226.32	1/2	963.35	1/2	704.11	1/2	443.40	1/2	180.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,220.84	3/4	957.87	3/4	698.79	3/4	437.92	3/4	174.96	3/4		3/4		3/4		3/4		3/4	
6	1,215.36	6	952.39	6	693.46	6	432.44	6	169.48	6		6		6		6		6	
1/4	1,209.88	1/4	946.91	1/4	688.13	1/4	426.97	1/4	164.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,204.40	1/2	941.43	1/2	682.80	1/2	421.49	1/2	158.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,198.93	3/4	935.95	3/4	677.47	3/4	416.01	3/4	153.05	3/4		3/4		3/4		3/4		3/4	
7	1,193.45	7	930.47	7	672.14	7	410.53	7	147.57	7		7		7		7		7	
1/4	1,187.97	1/4	925.00	1/4	666.81	1/4	405.05	1/4	142.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,182.49	1/2	919.52	1/2	661.48	1/2	399.57	1/2	136.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,177.01	3/4	914.04	3/4	656.16	3/4	394.10	3/4	131.15	3/4		3/4		3/4		3/4		3/4	
8	1,171.53	8	908.56	8	650.83	8	388.62	8	125.68	8		8		8		8		8	
1/4	1,166.05	1/4	903.08	1/4	645.50	1/4	383.14	1/4	120.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,160.58	1/2	897.60	1/2	640.17	1/2	377.66	1/2	114.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,155.10	3/4	892.12	3/4	634.84	3/4	372.18	3/4	109.28	3/4		3/4		3/4		3/4		3/4	
9	1,149.62	9	886.65	9	629.44	9	366.70	9	103.83	9		9		9		9		9	
1/4	1,144.14	1/4	881.17	1/4	624.04	1/4	361.22	1/4	98.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,138.66	1/2	875.69	1/2	618.63	1/2	355.75	1/2	92.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,133.18	3/4	870.21	3/4	613.23	3/4	350.27	3/4	87.47	3/4		3/4		3/4		3/4		3/4	
10	1,127.70	10	864.73	10	607.75	10	344.79	10	82.04	10		10		10		10		10	
1/4	1,122.23	1/4	859.25	1/4	602.27	1/4	339.31	1/4	76.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,116.75	1/2	853.77	1/2	596.80	1/2	333.83	1/2	71.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,111.27	3/4	848.30	3/4	591.32	3/4	328.35	3/4	65.75	3/4		3/4		3/4		3/4		3/4	
11	1,105.79	11	842.89	11	585.84	11	322.88	11	60.36	11		11		11		11		11	
1/4	1,100.31	1/4	837.49	1/4	580.36	1/4	317.40	1/4	54.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,094.83	1/2	832.08	1/2	574.88	1/2	311.92	1/2	49.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,089.35	3/4	826.68	3/4	569.40	3/4	306.44	3/4	44.19	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/04/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

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



# BARGE "IB 1096"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 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	3,438.43	0	3,177.63	0	2,916.84	0	2,656.04	0	2,395.25	0	2,134.46	0	1,873.66	0	1,612.87		
1/4	1/4	1/4	3,432.99	1/4	3,172.20	1/4	2,911.41	1/4	2,650.61	1/4	2,389.82	1/4	2,129.02	1/4	1,868.23	1/4	1,607.44		
1/2	1/2	1/2	3,427.56	1/2	3,166.77	1/2	2,905.97	1/2	2,645.18	1/2	2,384.38	1/2	2,123.59	1/2	1,862.80	1/2	1,602.00		
3/4	3/4	3/4	3,422.13	3/4	3,161.33	3/4	2,900.54	3/4	2,639.75	3/4	2,378.95	3/4	2,118.16	3/4	1,857.36	3/4	1,596.57		
1	1	1	3,416.69	1	3,155.90	1	2,895.11	1	2,634.31	1	2,373.52	1	2,112.72	1	1,851.93	1	1,591.14		
1/4	1/4	1/4	3,652.55	1/4	3,411.26	1/4	3,150.47	1/4	2,889.67	1/4	2,628.88	1/4	2,368.09	1/4	2,107.29	1/4	1,846.50	1/4	1,585.70
1/2	1/2	1/2	3,650.29	1/2	3,405.83	1/2	3,145.03	1/2	2,884.24	1/2	2,623.45	1/2	2,362.65	1/2	2,101.86	1/2	1,841.06	1/2	1,580.27
3/4	3/4	3/4	3,648.03	3/4	3,400.39	3/4	3,139.60	3/4	2,878.81	3/4	2,618.01	3/4	2,357.22	3/4	2,096.43	3/4	1,835.63	3/4	1,574.84
2	2	2	3,645.76	2	3,394.96	2	3,134.17	2	2,873.37	2	2,612.58	2	2,351.79	2	2,090.99	2	1,830.20	2	1,569.40
1/4	1/4	1/4	3,643.50	1/4	3,389.53	1/4	3,128.73	1/4	2,867.94	1/4	2,607.15	1/4	2,346.35	1/4	2,085.56	1/4	1,824.77	1/4	1,563.97
1/2	1/2	1/2	3,639.46	1/2	3,384.09	1/2	3,123.30	1/2	2,862.51	1/2	2,601.71	1/2	2,340.92	1/2	2,080.13	1/2	1,819.33	1/2	1,558.54
3/4	3/4	3/4	3,635.42	3/4	3,378.66	3/4	3,117.87	3/4	2,857.07	3/4	2,596.28	3/4	2,335.49	3/4	2,074.69	3/4	1,813.90	3/4	1,553.11
3	3	3	3,631.39	3	3,373.23	3	3,112.43	3	2,851.64	3	2,590.85	3	2,330.05	3	2,069.26	3	1,808.47	3	1,547.67
1/4	1/4	1/4	3,627.35	1/4	3,367.79	1/4	3,107.00	1/4	2,846.21	1/4	2,585.41	1/4	2,324.62	1/4	2,063.83	1/4	1,803.03	1/4	1,542.24
1/2	1/2	1/2	3,622.20	1/2	3,362.36	1/2	3,101.57	1/2	2,840.77	1/2	2,579.98	1/2	2,319.19	1/2	2,058.39	1/2	1,797.60	1/2	1,536.81
3/4	3/4	3/4	3,617.04	3/4	3,356.93	3/4	3,096.13	3/4	2,835.34	3/4	2,574.55	3/4	2,313.75	3/4	2,052.96	3/4	1,792.17	3/4	1,531.37
4	4	4	3,611.89	4	3,351.49	4	3,090.70	4	2,829.91	4	2,569.11	4	2,308.32	4	2,047.53	4	1,786.73	4	1,525.94
1/4	1/4	1/4	3,606.74	1/4	3,346.06	1/4	3,085.27	1/4	2,824.47	1/4	2,563.68	1/4	2,302.89	1/4	2,042.09	1/4	1,781.30	1/4	1,520.51
1/2	1/2	1/2	3,601.32	1/2	3,340.63	1/2	3,079.83	1/2	2,819.04	1/2	2,558.25	1/2	2,297.45	1/2	2,036.66	1/2	1,775.87	1/2	1,515.07
3/4	3/4	3/4	3,595.91	3/4	3,335.19	3/4	3,074.40	3/4	2,813.61	3/4	2,552.81	3/4	2,292.02	3/4	2,031.23	3/4	1,770.43	3/4	1,509.64
5	5	5	3,590.50	5	3,329.76	5	3,068.97	5	2,808.17	5	2,547.38	5	2,286.59	5	2,025.79	5	1,765.00	5	1,504.21
1/4	1/4	1/4	3,585.09	1/4	3,324.33	1/4	3,063.53	1/4	2,802.74	1/4	2,541.95	1/4	2,281.15	1/4	2,020.36	1/4	1,759.57	1/4	1,498.77
1/2	1/2	1/2	3,579.66	1/2	3,318.90	1/2	3,058.10	1/2	2,797.31	1/2	2,536.51	1/2	2,275.72	1/2	2,014.93	1/2	1,754.13	1/2	1,493.34
3/4	3/4	3/4	3,574.23	3/4	3,313.46	3/4	3,052.67	3/4	2,791.87	3/4	2,531.08	3/4	2,270.29	3/4	2,009.49	3/4	1,748.70	3/4	1,487.91
6	6	6	3,568.80	6	3,308.03	6	3,047.24	6	2,786.44	6	2,525.65	6	2,264.85	6	2,004.06	6	1,743.27	6	1,482.47
1/4	1/4	1/4	3,563.37	1/4	3,302.60	1/4	3,041.80	1/4	2,781.01	1/4	2,520.21	1/4	2,259.42	1/4	1,998.63	1/4	1,737.83	1/4	1,477.04
1/2	1/2	1/2	3,557.94	1/2	3,297.16	1/2	3,036.37	1/2	2,775.58	1/2	2,514.78	1/2	2,253.99	1/2	1,993.19	1/2	1,732.40	1/2	1,471.61
3/4	3/4	3/4	3,552.51	3/4	3,291.73	3/4	3,030.94	3/4	2,770.14	3/4	2,509.35	3/4	2,248.55	3/4	1,987.76	3/4	1,726.97	3/4	1,466.17
7	7	7	3,547.09	7	3,286.30	7	3,025.50	7	2,764.71	7	2,503.92	7	2,243.12	7	1,982.33	7	1,721.53	7	1,460.74
1/4	1/4	1/4	3,541.66	1/4	3,280.86	1/4	3,020.07	1/4	2,759.28	1/4	2,498.48	1/4	2,237.69	1/4	1,976.89	1/4	1,716.10	1/4	1,455.31
1/2	1/2	1/2	3,536.22	1/2	3,275.43	1/2	3,014.64	1/2	2,753.84	1/2	2,493.05	1/2	2,232.26	1/2	1,971.46	1/2	1,710.67	1/2	1,449.87
3/4	3/4	3/4	3,530.79	3/4	3,270.00	3/4	3,009.20	3/4	2,748.41	3/4	2,487.62	3/4	2,226.82	3/4	1,966.03	3/4	1,705.23	3/4	1,444.44
8	8	8	3,525.36	8	3,264.56	8	3,003.77	8	2,742.98	8	2,482.18	8	2,221.39	8	1,960.60	8	1,699.80	8	1,439.01
1/4	1/4	1/4	3,519.92	1/4	3,259.13	1/4	2,998.34	1/4	2,737.54	1/4	2,476.75	1/4	2,215.96	1/4	1,955.16	1/4	1,694.37	1/4	1,433.57
1/2	1/2	1/2	3,514.49	1/2	3,253.70	1/2	2,992.90	1/2	2,732.11	1/2	2,471.32	1/2	2,210.52	1/2	1,949.73	1/2	1,688.94	1/2	1,428.14
3/4	3/4	3/4	3,509.06	3/4	3,248.26	3/4	2,987.47	3/4	2,726.68	3/4	2,465.88	3/4	2,205.09	3/4	1,944.30	3/4	1,683.50	3/4	1,422.71
9	9	9	3,503.62	9	3,242.83	9	2,982.04	9	2,721.24	9	2,460.45	9	2,199.66	9	1,938.86	9	1,678.07	9	1,417.28
1/4	1/4	1/4	3,498.19	1/4	3,237.40	1/4	2,976.60	1/4	2,715.81	1/4	2,455.02	1/4	2,194.22	1/4	1,933.43	1/4	1,672.64	1/4	1,411.84
1/2	1/2	1/2	3,492.76	1/2	3,231.96	1/2	2,971.17	1/2	2,710.38	1/2	2,449.58	1/2	2,188.79	1/2	1,928.00	1/2	1,667.20	1/2	1,406.41
3/4	3/4	3/4	3,487.32	3/4	3,226.53	3/4	2,965.74	3/4	2,704.94	3/4	2,444.15	3/4	2,183.36	3/4	1,922.56	3/4	1,661.77	3/4	1,400.98
10	10	10	3,481.89	10	3,221.10	10	2,960.30	10	2,699.51	10	2,438.72	10	2,177.92	10	1,917.13	10	1,656.34	10	1,395.54
1/4	1/4	1/4	3,476.46	1/4	3,215.66	1/4	2,954.87	1/4	2,694.08	1/4	2,433.28	1/4	2,172.49	1/4	1,911.70	1/4	1,650.90	1/4	1,390.11
1/2	1/2	1/2	3,471.02	1/2	3,210.23	1/2	2,949.44	1/2	2,688.64	1/2	2,427.85	1/2	2,167.06	1/2	1,906.26	1/2	1,645.47	1/2	1,384.68
3/4	3/4	3/4	3,465.59	3/4	3,204.80	3/4	2,944.00	3/4	2,683.21	3/4	2,422.42	3/4	2,161.62	3/4	1,900.83	3/4	1,640.04	3/4	1,379.24
11	11	11	3,460.16	11	3,199.36	11	2,938.57	11	2,677.78	11	2,416.98	11	2,156.19	11	1,895.40	11	1,634.60	11	1,373.81
1/4	1/4	1/4	3,454.73	1/4	3,193.93	1/4	2,933.14	1/4	2,672.34	1/4	2,411.55	1/4	2,150.76	1/4	1,889.96	1/4	1,629.17	1/4	1,368.38
1/2	1/2	1/2	3,449.29	1/2	3,188.50	1/2	2,927.70	1/2	2,666.91	1/2	2,406.12	1/2	2,145.32	1/2	1,884.53	1/2	1,623.74	1/2	1,362.94
3/4	3/4	3/4	3,443.86	3/4	3,183.07	3/4	2,922.27	3/4	2,661.48	3/4	2,400.68	3/4	2,139.89	3/4	1,879.10	3/4	1,618.30	3/4	1,357.51

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 1096"

## 3 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	1,352.08	0	1,091.28	0	830.50	0	570.12	0	309.34	0	49.18	0		0		0		0	
1/4	1,346.64	1/4	1,085.85	1/4	825.08	1/4	564.69	1/4	303.91	1/4	43.83	1/4		1/4		1/4		1/4	
1/2	1,341.21	1/2	1,080.42	1/2	819.65	1/2	559.26	1/2	298.47	1/2	38.91	1/2		1/2		1/2		1/2	
3/4	1,335.78	3/4	1,074.98	3/4	814.23	3/4	553.82	3/4	293.04	3/4	33.99	3/4		3/4		3/4		3/4	
1	1,330.34	1	1,069.55	1	808.80	1	548.39	1	287.61	1	29.07	1		1		1		1	
1/4	1,324.91	1/4	1,064.12	1/4	803.38	1/4	542.96	1/4	282.17	1/4	24.15	1/4		1/4		1/4		1/4	
1/2	1,319.48	1/2	1,058.68	1/2	797.96	1/2	537.53	1/2	276.74	1/2	20.53	1/2		1/2		1/2		1/2	
3/4	1,314.04	3/4	1,053.25	3/4	792.53	3/4	532.09	3/4	271.31	3/4	16.92	3/4		3/4		3/4		3/4	
2	1,308.61	2	1,047.82	2	787.11	2	526.66	2	265.88	2	13.30	2		2		2		2	
1/4	1,303.18	1/4	1,042.38	1/4	781.69	1/4	521.23	1/4	260.44	1/4	9.68	1/4		1/4		1/4		1/4	
1/2	1,297.74	1/2	1,036.95	1/2	776.27	1/2	515.79	1/2	255.01	1/2	7.87	1/2		1/2		1/2		1/2	
3/4	1,292.31	3/4	1,031.52	3/4	770.84	3/4	510.36	3/4	249.58	3/4	6.06	3/4		3/4		3/4		3/4	
3	1,286.88	3	1,026.08	3	765.42	3	504.93	3	244.14	3	4.25	3		3		3		3	
1/4	1,281.45	1/4	1,020.65	1/4	760.00	1/4	499.49	1/4	238.71	1/4	2.44	1/4		1/4		1/4		1/4	
1/2	1,276.01	1/2	1,015.22	1/2	754.58	1/2	494.06	1/2	233.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,270.58	3/4	1,009.79	3/4	749.15	3/4	488.63	3/4	227.84	3/4		3/4		3/4		3/4		3/4	
4	1,265.15	4	1,004.35	4	743.73	4	483.20	4	222.41	4		4		4		4		4	
1/4	1,259.71	1/4	998.92	1/4	738.31	1/4	477.76	1/4	216.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,254.28	1/2	993.49	1/2	732.89	1/2	472.33	1/2	211.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,248.85	3/4	988.05	3/4	727.46	3/4	466.90	3/4	206.11	3/4		3/4		3/4		3/4		3/4	
5	1,243.41	5	982.62	5	722.04	5	461.46	5	200.68	5		5		5		5		5	
1/4	1,237.98	1/4	977.19	1/4	716.62	1/4	456.03	1/4	195.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,232.55	1/2	971.75	1/2	711.20	1/2	450.60	1/2	189.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,227.11	3/4	966.32	3/4	705.78	3/4	445.16	3/4	184.38	3/4		3/4		3/4		3/4		3/4	
6	1,221.68	6	960.89	6	700.35	6	439.73	6	178.95	6		6		6		6		6	
1/4	1,216.25	1/4	955.45	1/4	694.93	1/4	434.30	1/4	173.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,210.81	1/2	950.02	1/2	689.51	1/2	428.87	1/2	168.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,205.38	3/4	944.59	3/4	684.09	3/4	423.43	3/4	162.65	3/4		3/4		3/4		3/4		3/4	
7	1,199.95	7	939.15	7	678.66	7	418.00	7	157.22	7		7		7		7		7	
1/4	1,194.51	1/4	933.72	1/4	673.24	1/4	412.57	1/4	151.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,189.08	1/2	928.29	1/2	667.82	1/2	407.13	1/2	146.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,183.65	3/4	922.85	3/4	662.40	3/4	401.70	3/4	140.93	3/4		3/4		3/4		3/4		3/4	
8	1,178.21	8	917.42	8	656.97	8	396.27	8	135.50	8		8		8		8		8	
1/4	1,172.78	1/4	911.99	1/4	651.55	1/4	390.83	1/4	130.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,167.35	1/2	906.55	1/2	646.13	1/2	385.40	1/2	124.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,161.91	3/4	901.12	3/4	640.71	3/4	379.97	3/4	119.23	3/4		3/4		3/4		3/4		3/4	
9	1,156.48	9	895.69	9	635.28	9	374.54	9	113.80	9		9		9		9		9	
1/4	1,151.05	1/4	890.25	1/4	629.86	1/4	369.10	1/4	108.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,145.62	1/2	884.82	1/2	624.43	1/2	363.67	1/2	102.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,140.18	3/4	879.39	3/4	619.01	3/4	358.24	3/4	97.57	3/4		3/4		3/4		3/4		3/4	
10	1,134.75	10	873.96	10	613.58	10	352.80	10	92.16	10		10		10		10		10	
1/4	1,129.32	1/4	868.52	1/4	608.15	1/4	347.37	1/4	86.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,123.88	1/2	863.09	1/2	602.72	1/2	341.94	1/2	81.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,118.45	3/4	857.66	3/4	597.29	3/4	336.50	3/4	75.98	3/4		3/4		3/4		3/4		3/4	
11	1,113.02	11	852.22	11	591.86	11	331.07	11	70.60	11		11		11		11		11	
1/4	1,107.58	1/4	846.79	1/4	586.42	1/4	325.64	1/4	65.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,102.15	1/2	841.36	1/2	580.99	1/2	320.21	1/2	59.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,096.72	3/4	835.93	3/4	575.56	3/4	314.77	3/4	54.52	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/04/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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