



# BARGE "IB 1106"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00 3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

April 24, 2018

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

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# BARGE "IB 1106"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 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	3,750.81	0	3,496.56	0	3,242.32	0	2,988.07	0	2,708.79	0	2,411.55	0	2,114.31	0	1,817.07
1/4		1/4		1/4	3,745.51	1/4	3,491.27	1/4	3,237.02	1/4	2,982.77	1/4	2,702.60	1/4	2,405.36	1/4	2,108.12	1/4	1,810.88
1/2		1/2	3,974.04	1/2	3,740.22	1/2	3,485.97	1/2	3,231.72	1/2	2,977.48	1/2	2,696.40	1/2	2,399.16	1/2	2,101.93	1/2	1,804.68
3/4		3/4	3,971.90	3/4	3,734.92	3/4	3,480.67	3/4	3,226.43	3/4	2,972.18	3/4	2,690.21	3/4	2,392.97	3/4	2,095.74	3/4	1,798.49
1		1	3,969.77	1	3,729.62	1	3,475.38	1	3,221.13	1	2,966.88	1	2,684.02	1	2,386.78	1	2,089.54	1	1,792.30
1/4		1/4	3,967.64	1/4	3,724.33	1/4	3,470.08	1/4	3,215.83	1/4	2,961.59	1/4	2,677.82	1/4	2,380.59	1/4	2,083.35	1/4	1,786.11
1/2		1/2	3,965.51	1/2	3,719.03	1/2	3,464.78	1/2	3,210.54	1/2	2,956.29	1/2	2,671.63	1/2	2,374.40	1/2	2,077.16	1/2	1,779.91
3/4		3/4	3,961.81	3/4	3,713.73	3/4	3,459.49	3/4	3,205.24	3/4	2,950.99	3/4	2,665.44	3/4	2,368.20	3/4	2,070.97	3/4	1,773.72
2		2	3,958.11	2	3,708.44	2	3,454.19	2	3,199.94	2	2,945.70	2	2,659.25	2	2,362.01	2	2,064.77	2	1,767.53
1/4		1/4	3,954.40	1/4	3,703.14	1/4	3,448.89	1/4	3,194.65	1/4	2,940.40	1/4	2,653.05	1/4	2,355.82	1/4	2,058.58	1/4	1,761.34
1/2		1/2	3,950.70	1/2	3,697.84	1/2	3,443.60	1/2	3,189.35	1/2	2,935.10	1/2	2,646.86	1/2	2,349.63	1/2	2,052.39	1/2	1,755.14
3/4		3/4	3,945.72	3/4	3,692.55	3/4	3,438.30	3/4	3,184.05	3/4	2,929.81	3/4	2,640.67	3/4	2,343.44	3/4	2,046.20	3/4	1,748.95
3		3	3,940.75	3	3,687.25	3	3,433.00	3	3,178.76	3	2,924.51	3	2,634.48	3	2,337.24	3	2,040.00	3	1,742.76
1/4		1/4	3,935.77	1/4	3,681.95	1/4	3,427.71	1/4	3,173.46	1/4	2,919.21	1/4	2,628.28	1/4	2,331.05	1/4	2,033.81	1/4	1,736.57
1/2		1/2	3,930.79	1/2	3,676.66	1/2	3,422.41	1/2	3,168.16	1/2	2,913.92	1/2	2,622.09	1/2	2,324.86	1/2	2,027.62	1/2	1,730.37
3/4		3/4	3,925.52	3/4	3,671.36	3/4	3,417.11	3/4	3,162.87	3/4	2,908.63	3/4	2,615.90	3/4	2,318.67	3/4	2,021.43	3/4	1,724.18
4		4	3,920.24	4	3,666.06	4	3,411.82	4	3,157.57	4	2,903.33	4	2,609.71	4	2,312.48	4	2,015.23	4	1,717.99
1/4		1/4	3,914.97	1/4	3,660.76	1/4	3,406.52	1/4	3,152.27	1/4	2,898.04	1/4	2,603.51	1/4	2,306.28	1/4	2,009.04	1/4	1,711.80
1/2		1/2	3,909.70	1/2	3,655.47	1/2	3,401.22	1/2	3,146.98	1/2	2,892.75	1/2	2,597.32	1/2	2,300.09	1/2	2,002.85	1/2	1,705.60
3/4		3/4	3,904.41	3/4	3,650.17	3/4	3,395.92	3/4	3,141.68	3/4	2,887.01	3/4	2,591.13	3/4	2,293.90	3/4	1,996.66	3/4	1,699.42
5		5	3,899.12	5	3,644.87	5	3,390.63	5	3,136.38	5	2,881.27	5	2,584.94	5	2,287.71	5	1,990.46	5	1,693.23
1/4		1/4	3,893.82	1/4	3,639.58	1/4	3,385.33	1/4	3,131.08	1/4	2,875.53	1/4	2,578.74	1/4	2,281.52	1/4	1,984.27	1/4	1,687.05
1/2		1/2	3,888.53	1/2	3,634.28	1/2	3,380.03	1/2	3,125.79	1/2	2,869.80	1/2	2,572.55	1/2	2,275.32	1/2	1,978.08	1/2	1,680.86
3/4		3/4	3,883.23	3/4	3,628.98	3/4	3,374.74	3/4	3,120.49	3/4	2,863.60	3/4	2,566.36	3/4	2,269.13	3/4	1,971.88	3/4	1,674.68
6		6	3,877.94	6	3,623.69	6	3,369.44	6	3,115.19	6	2,857.41	6	2,560.17	6	2,262.94	6	1,965.69	6	1,668.50
1/4		1/4	3,872.64	1/4	3,618.39	1/4	3,364.14	1/4	3,109.90	1/4	2,851.22	1/4	2,553.97	1/4	2,256.74	1/4	1,959.50	1/4	1,662.33
1/2		1/2	3,867.34	1/2	3,613.09	1/2	3,358.85	1/2	3,104.60	1/2	2,845.03	1/2	2,547.78	1/2	2,250.55	1/2	1,953.31	1/2	1,656.15
3/4		3/4	3,862.04	3/4	3,607.80	3/4	3,353.55	3/4	3,099.30	3/4	2,838.83	3/4	2,541.59	3/4	2,244.36	3/4	1,947.11	3/4	1,649.97
7		7	3,856.75	7	3,602.50	7	3,348.25	7	3,094.01	7	2,832.64	7	2,535.40	7	2,238.17	7	1,940.92	7	1,643.79
1/4		1/4	3,851.45	1/4	3,597.20	1/4	3,342.96	1/4	3,088.71	1/4	2,826.45	1/4	2,529.20	1/4	2,231.97	1/4	1,934.73	1/4	1,637.61
1/2		1/2	3,846.15	1/2	3,591.91	1/2	3,337.66	1/2	3,083.41	1/2	2,820.25	1/2	2,523.01	1/2	2,225.78	1/2	1,928.54	1/2	1,631.43
3/4		3/4	3,840.86	3/4	3,586.61	3/4	3,332.36	3/4	3,078.12	3/4	2,814.06	3/4	2,516.82	3/4	2,219.59	3/4	1,922.34	3/4	1,625.26
8		8	3,835.56	8	3,581.31	8	3,327.07	8	3,072.82	8	2,807.87	8	2,510.62	8	2,213.40	8	1,916.15	8	1,619.08
1/4		1/4	3,830.26	1/4	3,576.02	1/4	3,321.77	1/4	3,067.52	1/4	2,801.68	1/4	2,504.43	1/4	2,207.20	1/4	1,909.96	1/4	1,612.90
1/2		1/2	3,824.97	1/2	3,570.72	1/2	3,316.47	1/2	3,062.23	1/2	2,795.48	1/2	2,498.24	1/2	2,201.01	1/2	1,903.77	1/2	1,606.72
3/4		3/4	3,819.67	3/4	3,565.42	3/4	3,311.18	3/4	3,056.93	3/4	2,789.29	3/4	2,492.05	3/4	2,194.82	3/4	1,897.57	3/4	1,600.54
9		9	3,814.37	9	3,560.13	9	3,305.88	9	3,051.63	9	2,783.10	9	2,485.85	9	2,188.63	9	1,891.38	9	1,594.36
1/4		1/4	3,809.08	1/4	3,554.83	1/4	3,300.58	1/4	3,046.34	1/4	2,776.91	1/4	2,479.66	1/4	2,182.43	1/4	1,885.19	1/4	1,588.19
1/2		1/2	3,803.78	1/2	3,549.53	1/2	3,295.29	1/2	3,041.04	1/2	2,770.71	1/2	2,473.47	1/2	2,176.24	1/2	1,879.00	1/2	1,582.01
3/4		3/4	3,798.48	3/4	3,544.24	3/4	3,289.99	3/4	3,035.74	3/4	2,764.52	3/4	2,467.28	3/4	2,170.05	3/4	1,872.80	3/4	1,575.83
10		10	3,793.18	10	3,538.94	10	3,284.69	10	3,030.45	10	2,758.33	10	2,461.08	10	2,163.86	10	1,866.61	10	1,569.65
1/4		1/4	3,787.89	1/4	3,533.64	1/4	3,279.40	1/4	3,025.15	1/4	2,752.14	1/4	2,454.89	1/4	2,157.66	1/4	1,860.42	1/4	1,563.47
1/2		1/2	3,782.59	1/2	3,528.34	1/2	3,274.10	1/2	3,019.85	1/2	2,745.94	1/2	2,448.70	1/2	2,151.47	1/2	1,854.23	1/2	1,557.29
3/4		3/4	3,777.29	3/4	3,523.05	3/4	3,268.80	3/4	3,014.56	3/4	2,739.75	3/4	2,442.51	3/4	2,145.28	3/4	1,848.03	3/4	1,551.12
11		11	3,772.00	11	3,517.75	11	3,263.50	11	3,009.26	11	2,733.56	11	2,436.32	11	2,139.08	11	1,841.84	11	1,544.94
1/4		1/4	3,766.70	1/4	3,512.45	1/4	3,258.21	1/4	3,003.96	1/4	2,727.37	1/4	2,430.12	1/4	2,132.89	1/4	1,835.65	1/4	1,538.76
1/2		1/2	3,761.40	1/2	3,507.16	1/2	3,252.91	1/2	2,998.66	1/2	2,721.17	1/2	2,423.93	1/2	2,126.70	1/2	1,829.45	1/2	1,532.58
3/4		3/4	3,756.11	3/4	3,501.86	3/4	3,247.61	3/4	2,993.37	3/4	2,714.98	3/4	2,417.74	3/4	2,120.51	3/4	1,823.26	3/4	1,526.40

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "IB 1106"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2018 CL  
CALCULATED: 04/24/2018 CL  
PRINTED: 04/24/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2018

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



# BARGE "IB 1106"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

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	3,459.90	0	3,196.22	0	2,932.54	0	2,668.87	0	2,405.19	0	2,141.51	0	1,877.83	0	1,614.15
1/4		1/4		1/4	3,454.41	1/4	3,190.73	1/4	2,927.05	1/4	2,663.37	1/4	2,399.69	1/4	2,136.02	1/4	1,872.34	1/4	1,608.66
1/2		1/2		1/2	3,448.91	1/2	3,185.24	1/2	2,921.56	1/2	2,657.88	1/2	2,394.20	1/2	2,130.52	1/2	1,866.84	1/2	1,603.17
3/4		3/4	3,687.43	3/4	3,443.42	3/4	3,179.74	3/4	2,916.06	3/4	2,652.39	3/4	2,388.71	3/4	2,125.03	3/4	1,861.35	3/4	1,597.67
1		1	3,685.14	1	3,437.93	1	3,174.25	1	2,910.57	1	2,646.89	1	2,383.21	1	2,119.54	1	1,855.86	1	1,592.18
1/4		1/4	3,682.85	1/4	3,432.43	1/4	3,168.76	1/4	2,905.08	1/4	2,641.40	1/4	2,377.72	1/4	2,114.04	1/4	1,850.36	1/4	1,586.69
1/2		1/2	3,680.56	1/2	3,426.94	1/2	3,163.26	1/2	2,899.58	1/2	2,635.91	1/2	2,372.23	1/2	2,108.55	1/2	1,844.87	1/2	1,581.19
3/4		3/4	3,678.27	3/4	3,421.45	3/4	3,157.77	3/4	2,894.09	3/4	2,630.41	3/4	2,366.73	3/4	2,103.06	3/4	1,839.38	3/4	1,575.70
2		2	3,674.19	2	3,415.95	2	3,152.28	2	2,888.60	2	2,624.92	2	2,361.24	2	2,097.56	2	1,833.88	2	1,570.21
1/4		1/4	3,670.11	1/4	3,410.46	1/4	3,146.78	1/4	2,883.10	1/4	2,619.43	1/4	2,355.75	1/4	2,092.07	1/4	1,828.39	1/4	1,564.71
1/2		1/2	3,666.02	1/2	3,404.97	1/2	3,141.29	1/2	2,877.61	1/2	2,613.93	1/2	2,350.25	1/2	2,086.58	1/2	1,822.90	1/2	1,559.22
3/4		3/4	3,661.94	3/4	3,399.47	3/4	3,135.80	3/4	2,872.12	3/4	2,608.44	3/4	2,344.76	3/4	2,081.08	3/4	1,817.40	3/4	1,553.73
3		3	3,656.73	3	3,393.98	3	3,130.30	3	2,866.62	3	2,602.95	3	2,339.27	3	2,075.59	3	1,811.91	3	1,548.23
1/4		1/4	3,651.52	1/4	3,388.49	1/4	3,124.81	1/4	2,861.13	1/4	2,597.45	1/4	2,333.77	1/4	2,070.10	1/4	1,806.42	1/4	1,542.74
1/2		1/2	3,646.31	1/2	3,382.99	1/2	3,119.32	1/2	2,855.64	1/2	2,591.96	1/2	2,328.28	1/2	2,064.60	1/2	1,800.92	1/2	1,537.25
3/4		3/4	3,641.10	3/4	3,377.50	3/4	3,113.82	3/4	2,850.14	3/4	2,586.47	3/4	2,322.79	3/4	2,059.11	3/4	1,795.43	3/4	1,531.75
4		4	3,635.63	4	3,372.01	4	3,108.33	4	2,844.65	4	2,580.97	4	2,317.29	4	2,053.62	4	1,789.94	4	1,526.26
1/4		1/4	3,630.16	1/4	3,366.51	1/4	3,102.84	1/4	2,839.16	1/4	2,575.48	1/4	2,311.80	1/4	2,048.12	1/4	1,784.44	1/4	1,520.77
1/2		1/2	3,624.68	1/2	3,361.02	1/2	3,097.34	1/2	2,833.66	1/2	2,569.99	1/2	2,306.31	1/2	2,042.63	1/2	1,778.95	1/2	1,515.27
3/4		3/4	3,619.21	3/4	3,355.53	3/4	3,091.85	3/4	2,828.17	3/4	2,564.49	3/4	2,300.81	3/4	2,037.14	3/4	1,773.46	3/4	1,509.78
5		5	3,613.72	5	3,350.03	5	3,086.36	5	2,822.68	5	2,559.00	5	2,295.32	5	2,031.64	5	1,767.96	5	1,504.29
1/4		1/4	3,608.23	1/4	3,344.54	1/4	3,080.86	1/4	2,817.18	1/4	2,553.51	1/4	2,289.83	1/4	2,026.15	1/4	1,762.47	1/4	1,498.79
1/2		1/2	3,602.75	1/2	3,339.05	1/2	3,075.37	1/2	2,811.69	1/2	2,548.01	1/2	2,284.33	1/2	2,020.66	1/2	1,756.98	1/2	1,493.30
3/4		3/4	3,597.26	3/4	3,333.55	3/4	3,069.88	3/4	2,806.20	3/4	2,542.52	3/4	2,278.84	3/4	2,015.16	3/4	1,751.48	3/4	1,487.81
6		6	3,591.76	6	3,328.06	6	3,064.38	6	2,800.70	6	2,537.03	6	2,273.35	6	2,009.67	6	1,745.99	6	1,482.31
1/4		1/4	3,586.26	1/4	3,322.57	1/4	3,058.89	1/4	2,795.21	1/4	2,531.53	1/4	2,267.85	1/4	2,004.18	1/4	1,740.50	1/4	1,476.82
1/2		1/2	3,580.76	1/2	3,317.07	1/2	3,053.40	1/2	2,789.72	1/2	2,526.04	1/2	2,262.36	1/2	1,998.68	1/2	1,735.00	1/2	1,471.33
3/4		3/4	3,575.26	3/4	3,311.58	3/4	3,047.90	3/4	2,784.22	3/4	2,520.55	3/4	2,256.87	3/4	1,993.19	3/4	1,729.51	3/4	1,465.83
7		7	3,569.77	7	3,306.09	7	3,042.41	7	2,778.73	7	2,515.05	7	2,251.37	7	1,987.70	7	1,724.02	7	1,460.34
1/4		1/4	3,564.27	1/4	3,300.60	1/4	3,036.92	1/4	2,773.24	1/4	2,509.56	1/4	2,245.88	1/4	1,982.20	1/4	1,718.52	1/4	1,454.85
1/2		1/2	3,558.78	1/2	3,295.10	1/2	3,031.42	1/2	2,767.74	1/2	2,504.07	1/2	2,240.39	1/2	1,976.71	1/2	1,713.03	1/2	1,449.35
3/4		3/4	3,553.29	3/4	3,289.61	3/4	3,025.93	3/4	2,762.25	3/4	2,498.57	3/4	2,234.89	3/4	1,971.22	3/4	1,707.54	3/4	1,443.86
8		8	3,547.79	8	3,284.12	8	3,020.44	8	2,756.76	8	2,493.08	8	2,229.40	8	1,965.72	8	1,702.04	8	1,438.37
1/4		1/4	3,542.30	1/4	3,278.62	1/4	3,014.94	1/4	2,751.26	1/4	2,487.59	1/4	2,223.91	1/4	1,960.23	1/4	1,696.55	1/4	1,432.87
1/2		1/2	3,536.81	1/2	3,273.13	1/2	3,009.45	1/2	2,745.77	1/2	2,482.09	1/2	2,218.41	1/2	1,954.74	1/2	1,691.06	1/2	1,427.38
3/4		3/4	3,531.31	3/4	3,267.64	3/4	3,003.96	3/4	2,740.28	3/4	2,476.60	3/4	2,212.92	3/4	1,949.24	3/4	1,685.56	3/4	1,421.89
9		9	3,525.82	9	3,262.14	9	2,998.46	9	2,734.79	9	2,471.11	9	2,207.43	9	1,943.75	9	1,680.07	9	1,416.39
1/4		1/4	3,520.33	1/4	3,256.65	1/4	2,992.97	1/4	2,729.29	1/4	2,465.61	1/4	2,201.93	1/4	1,938.26	1/4	1,674.58	1/4	1,410.90
1/2		1/2	3,514.83	1/2	3,251.16	1/2	2,987.48	1/2	2,723.80	1/2	2,460.12	1/2	2,196.44	1/2	1,932.76	1/2	1,669.08	1/2	1,405.41
3/4		3/4	3,509.34	3/4	3,245.66	3/4	2,981.98	3/4	2,718.31	3/4	2,454.63	3/4	2,190.95	3/4	1,927.27	3/4	1,663.59	3/4	1,399.91
10		10	3,503.85	10	3,240.17	10	2,976.49	10	2,712.81	10	2,449.13	10	2,185.46	10	1,921.78	10	1,658.10	10	1,394.42
1/4		1/4	3,498.35	1/4	3,234.68	1/4	2,971.00	1/4	2,707.32	1/4	2,443.64	1/4	2,179.96	1/4	1,916.28	1/4	1,652.60	1/4	1,388.93
1/2		1/2	3,492.86	1/2	3,229.18	1/2	2,965.50	1/2	2,701.83	1/2	2,438.15	1/2	2,174.47	1/2	1,910.79	1/2	1,647.11	1/2	1,383.43
3/4		3/4	3,487.37	3/4	3,223.69	3/4	2,960.01	3/4	2,696.33	3/4	2,432.65	3/4	2,168.98	3/4	1,905.30	3/4	1,641.62	3/4	1,377.94
11		11	3,481.87	11	3,218.20	11	2,954.52	11	2,690.84	11	2,427.16	11	2,163.48	11	1,899.80	11	1,636.13	11	1,372.45
1/4		1/4	3,476.38	1/4	3,212.70	1/4	2,949.02	1/4	2,685.35	1/4	2,421.67	1/4	2,157.99	1/4	1,894.31	1/4	1,630.63	1/4	1,366.95
1/2		1/2	3,470.89	1/2	3,207.21	1/2	2,943.53	1/2	2,679.85	1/2	2,416.17	1/2	2,152.50	1/2	1,888.82	1/2	1,625.14	1/2	1,361.46
3/4		3/4	3,465.39	3/4	3,201.72	3/4	2,938.04	3/4	2,674.36	3/4	2,410.68	3/4	2,147.00	3/4	1,883.32	3/4	1,619.65	3/4	1,355.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "IB 1106"

## 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	1,350.47	0	1,086.80	0	823.56	0	565.44	0	301.77	0	39.34	0		0		0		0	
1/4	1,344.98	1/4	1,081.30	1/4	818.22	1/4	559.95	1/4	296.28	1/4	34.36	1/4		1/4		1/4		1/4	
1/2	1,339.49	1/2	1,075.81	1/2	812.87	1/2	554.46	1/2	290.79	1/2	29.39	1/2		1/2		1/2		1/2	
3/4	1,333.99	3/4	1,070.32	3/4	807.53	3/4	548.96	3/4	285.29	3/4	24.41	3/4		3/4		3/4		3/4	
1	1,328.50	1	1,064.82	1	802.19	1	543.47	1	279.80	1	20.76	1		1		1		1	
1/4	1,323.01	1/4	1,059.33	1/4	796.84	1/4	537.98	1/4	274.31	1/4	17.10	1/4		1/4		1/4		1/4	
1/2	1,317.51	1/2	1,053.84	1/2	791.50	1/2	532.48	1/2	268.81	1/2	13.44	1/2		1/2		1/2		1/2	
3/4	1,312.02	3/4	1,048.34	3/4	786.15	3/4	526.99	3/4	263.32	3/4	9.78	3/4		3/4		3/4		3/4	
2	1,306.53	2	1,042.85	2	780.81	2	521.50	2	257.83	2	7.95	2		2		2		2	
1/4	1,301.03	1/4	1,037.36	1/4	775.47	1/4	516.00	1/4	252.33	1/4	6.12	1/4		1/4		1/4		1/4	
1/2	1,295.54	1/2	1,031.86	1/2	770.13	1/2	510.51	1/2	246.84	1/2	4.29	1/2		1/2		1/2		1/2	
3/4	1,290.05	3/4	1,026.37	3/4	764.78	3/4	505.02	3/4	241.35	3/4	2.46	3/4		3/4		3/4		3/4	
3	1,284.55	3	1,020.88	3	759.44	3	499.52	3	235.86	3		3		3		3		3	
1/4	1,279.06	1/4	1,015.38	1/4	754.10	1/4	494.03	1/4	230.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,273.57	1/2	1,009.89	1/2	748.75	1/2	488.54	1/2	224.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,268.07	3/4	1,004.40	3/4	743.41	3/4	483.04	3/4	219.38	3/4		3/4		3/4		3/4		3/4	
4	1,262.58	4	998.90	4	738.07	4	477.55	4	213.88	4		4		4		4		4	
1/4	1,257.09	1/4	993.41	1/4	732.73	1/4	472.06	1/4	208.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,251.59	1/2	987.92	1/2	727.38	1/2	466.57	1/2	202.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,246.10	3/4	982.42	3/4	722.04	3/4	461.07	3/4	197.40	3/4		3/4		3/4		3/4		3/4	
5	1,240.61	5	976.93	5	716.70	5	455.58	5	191.91	5		5		5		5		5	
1/4	1,235.11	1/4	971.44	1/4	711.35	1/4	450.09	1/4	186.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,229.62	1/2	965.94	1/2	706.01	1/2	444.59	1/2	180.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,224.13	3/4	960.45	3/4	700.67	3/4	439.10	3/4	175.43	3/4		3/4		3/4		3/4		3/4	
6	1,218.63	6	954.96	6	695.33	6	433.61	6	169.94	6		6		6		6		6	
1/4	1,213.14	1/4	949.46	1/4	689.98	1/4	428.11	1/4	164.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,207.65	1/2	943.97	1/2	684.64	1/2	422.62	1/2	158.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,202.15	3/4	938.48	3/4	679.30	3/4	417.13	3/4	153.46	3/4		3/4		3/4		3/4		3/4	
7	1,196.66	7	932.98	7	673.95	7	411.63	7	147.97	7		7		7		7		7	
1/4	1,191.17	1/4	927.49	1/4	668.61	1/4	406.14	1/4	142.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,185.67	1/2	922.00	1/2	663.27	1/2	400.65	1/2	136.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,180.18	3/4	916.50	3/4	657.93	3/4	395.16	3/4	131.50	3/4		3/4		3/4		3/4		3/4	
8	1,174.69	8	911.01	8	652.58	8	389.66	8	126.02	8		8		8		8		8	
1/4	1,169.19	1/4	905.52	1/4	647.24	1/4	384.17	1/4	120.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,163.70	1/2	900.02	1/2	641.90	1/2	378.68	1/2	115.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,158.21	3/4	894.53	3/4	636.55	3/4	373.18	3/4	109.58	3/4		3/4		3/4		3/4		3/4	
9	1,152.71	9	889.04	9	631.13	9	367.69	9	104.11	9		9		9		9		9	
1/4	1,147.22	1/4	883.54	1/4	625.72	1/4	362.20	1/4	98.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,141.73	1/2	878.05	1/2	620.30	1/2	356.70	1/2	93.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,136.23	3/4	872.56	3/4	614.88	3/4	351.21	3/4	87.71	3/4		3/4		3/4		3/4		3/4	
10	1,130.74	10	867.06	10	609.39	10	345.72	10	82.26	10		10		10		10		10	
1/4	1,125.25	1/4	861.57	1/4	603.89	1/4	340.22	1/4	76.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,119.75	1/2	856.08	1/2	598.40	1/2	334.73	1/2	71.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,114.26	3/4	850.58	3/4	592.91	3/4	329.24	3/4	65.93	3/4		3/4		3/4		3/4		3/4	
11	1,108.77	11	845.16	11	587.41	11	323.74	11	60.53	11		11		11		11		11	
1/4	1,103.27	1/4	839.75	1/4	581.92	1/4	318.25	1/4	55.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,097.78	1/2	834.33	1/2	576.43	1/2	312.76	1/2	49.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,092.29	3/4	828.91	3/4	570.93	3/4	307.27	3/4	44.31	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2018 CL  
CALCULATED: 04/24/2018 CL  
PRINTED: 04/24/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2018

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



# BARGE "IB 1106"

## 3 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	3,431.47	0	3,170.38	0	2,909.29	0	2,648.20	0	2,387.11	0	2,126.02	0	1,864.93	0	1,603.83
1/4		1/4		1/4	3,426.03	1/4	3,164.94	1/4	2,903.85	1/4	2,642.76	1/4	2,381.67	1/4	2,120.58	1/4	1,859.49	1/4	1,598.40
1/2		1/2		1/2	3,420.59	1/2	3,159.50	1/2	2,898.41	1/2	2,637.32	1/2	2,376.23	1/2	2,115.14	1/2	1,854.05	1/2	1,592.96
3/4		3/4		3/4	3,656.73	3/4	3,415.16	3/4	3,154.06	3/4	2,892.97	3/4	2,631.88	3/4	2,370.79	3/4	1,848.61	3/4	1,587.52
1		1		1	3,654.47	1	3,409.72	1	2,887.53	1	2,626.44	1	2,365.35	1	2,104.26	1	1,843.17	1	1,582.08
1/4		1/4		1/4	3,652.20	1/4	3,404.28	1/4	3,143.18	1/4	2,882.09	1/4	2,621.00	1/4	2,359.91	1/4	1,837.73	1/4	1,576.64
1/2		1/2		1/2	3,649.94	1/2	3,398.84	1/2	3,137.75	1/2	2,876.65	1/2	2,615.56	1/2	2,354.47	1/2	1,832.29	1/2	1,571.20
3/4		3/4		3/4	3,647.67	3/4	3,393.40	3/4	3,132.31	3/4	2,871.21	3/4	2,610.12	3/4	2,349.03	3/4	1,826.85	3/4	1,565.76
2		2		2	3,643.63	2	3,387.96	2	2,865.78	2	2,604.68	2	2,343.59	2	2,082.50	2	1,821.41	2	1,560.32
1/4		1/4		1/4	3,639.58	1/4	3,382.52	1/4	3,121.43	1/4	2,860.34	1/4	2,599.24	1/4	2,338.15	1/4	1,815.97	1/4	1,554.88
1/2		1/2		1/2	3,635.54	1/2	3,377.08	1/2	3,115.99	1/2	2,854.90	1/2	2,593.81	1/2	2,332.71	1/2	1,810.53	1/2	1,549.44
3/4		3/4		3/4	3,631.50	3/4	3,371.64	3/4	3,110.55	3/4	2,849.46	3/4	2,588.37	3/4	2,327.27	3/4	1,805.09	3/4	1,544.00
3		3		3	3,626.34	3	3,366.20	3	3,105.11	3	2,844.02	3	2,582.93	3	2,321.84	3	1,799.65	3	1,538.56
1/4		1/4		1/4	3,621.18	1/4	3,360.76	1/4	3,099.67	1/4	2,838.58	1/4	2,577.49	1/4	2,316.40	1/4	1,794.21	1/4	1,533.12
1/2		1/2		1/2	3,616.02	1/2	3,355.32	1/2	3,094.23	1/2	2,833.14	1/2	2,572.05	1/2	2,310.96	1/2	1,788.77	1/2	1,527.68
3/4		3/4		3/4	3,610.86	3/4	3,349.88	3/4	3,088.79	3/4	2,827.70	3/4	2,566.61	3/4	2,305.52	3/4	1,783.33	3/4	1,522.24
4		4		4	3,605.45	4	3,344.44	4	3,083.35	4	2,822.26	4	2,561.17	4	2,300.08	4	1,777.90	4	1,516.80
1/4		1/4		1/4	3,600.03	1/4	3,339.00	1/4	3,077.91	1/4	2,816.82	1/4	2,555.73	1/4	2,294.64	1/4	1,772.46	1/4	1,511.36
1/2		1/2		1/2	3,594.61	1/2	3,333.56	1/2	3,072.47	1/2	2,811.38	1/2	2,550.29	1/2	2,289.20	1/2	1,767.02	1/2	1,505.93
3/4		3/4		3/4	3,589.19	3/4	3,328.12	3/4	3,067.03	3/4	2,805.94	3/4	2,544.85	3/4	2,283.76	3/4	1,761.58	3/4	1,500.49
5		5		5	3,583.75	5	3,322.69	5	3,061.59	5	2,800.50	5	2,539.41	5	2,278.32	5	1,756.14	5	1,495.05
1/4		1/4		1/4	3,578.32	1/4	3,317.25	1/4	3,056.15	1/4	2,795.06	1/4	2,533.97	1/4	2,272.88	1/4	1,750.70	1/4	1,489.61
1/2		1/2		1/2	3,572.88	1/2	3,311.81	1/2	3,050.72	1/2	2,789.62	1/2	2,528.53	1/2	2,267.44	1/2	1,745.26	1/2	1,484.17
3/4		3/4		3/4	3,567.45	3/4	3,306.37	3/4	3,045.28	3/4	2,784.18	3/4	2,523.09	3/4	2,262.00	3/4	1,739.82	3/4	1,478.73
6		6		6	3,562.01	6	3,300.93	6	3,039.84	6	2,778.75	6	2,517.65	6	2,256.56	6	1,734.38	6	1,473.29
1/4		1/4		1/4	3,556.58	1/4	3,295.49	1/4	3,034.40	1/4	2,773.31	1/4	2,512.21	1/4	2,251.12	1/4	1,990.03	1/4	1,467.85
1/2		1/2		1/2	3,551.14	1/2	3,290.05	1/2	3,028.96	1/2	2,767.87	1/2	2,506.78	1/2	2,245.68	1/2	1,984.59	1/2	1,462.41
3/4		3/4		3/4	3,545.70	3/4	3,284.61	3/4	3,023.52	3/4	2,762.43	3/4	2,501.34	3/4	2,240.24	3/4	1,979.15	3/4	1,456.97
7		7		7	3,540.26	7	3,279.17	7	3,018.08	7	2,756.99	7	2,495.90	7	2,234.81	7	1,973.71	7	1,451.53
1/4		1/4		1/4	3,534.82	1/4	3,273.73	1/4	3,012.64	1/4	2,751.55	1/4	2,490.46	1/4	2,229.37	1/4	1,968.27	1/4	1,446.09
1/2		1/2		1/2	3,529.38	1/2	3,268.29	1/2	3,007.20	1/2	2,746.11	1/2	2,485.02	1/2	2,223.93	1/2	1,962.84	1/2	1,440.65
3/4		3/4		3/4	3,523.94	3/4	3,262.85	3/4	3,001.76	3/4	2,740.67	3/4	2,479.58	3/4	2,218.49	3/4	1,957.40	3/4	1,435.21
8		8		8	3,518.50	8	3,257.41	8	2,996.32	8	2,735.23	8	2,474.14	8	2,213.05	8	1,951.96	8	1,429.77
1/4		1/4		1/4	3,513.06	1/4	3,251.97	1/4	2,990.88	1/4	2,729.79	1/4	2,468.70	1/4	2,207.61	1/4	1,946.52	1/4	1,424.33
1/2		1/2		1/2	3,507.62	1/2	3,246.53	1/2	2,985.44	1/2	2,724.35	1/2	2,463.26	1/2	2,202.17	1/2	1,941.08	1/2	1,418.90
3/4		3/4		3/4	3,502.19	3/4	3,241.09	3/4	2,980.00	3/4	2,718.91	3/4	2,457.82	3/4	2,196.73	3/4	1,935.64	3/4	1,413.46
9		9		9	3,496.75	9	3,235.65	9	2,974.56	9	2,713.47	9	2,452.38	9	2,191.29	9	1,930.20	9	1,408.02
1/4		1/4		1/4	3,491.31	1/4	3,230.22	1/4	2,969.12	1/4	2,708.03	1/4	2,446.94	1/4	2,185.85	1/4	1,924.76	1/4	1,402.58
1/2		1/2		1/2	3,485.87	1/2	3,224.78	1/2	2,963.68	1/2	2,702.59	1/2	2,441.50	1/2	2,180.41	1/2	1,919.32	1/2	1,397.14
3/4		3/4		3/4	3,480.43	3/4	3,219.34	3/4	2,958.25	3/4	2,697.15	3/4	2,436.06	3/4	2,174.97	3/4	1,913.88	3/4	1,391.70
10		10		10	3,474.99	10	3,213.90	10	2,952.81	10	2,691.71	10	2,430.62	10	2,169.53	10	1,908.44	10	1,386.26
1/4		1/4		1/4	3,469.55	1/4	3,208.46	1/4	2,947.37	1/4	2,686.28	1/4	2,425.18	1/4	2,164.09	1/4	1,903.00	1/4	1,380.82
1/2		1/2		1/2	3,464.11	1/2	3,203.02	1/2	2,941.93	1/2	2,680.84	1/2	2,419.74	1/2	2,158.65	1/2	1,897.56	1/2	1,375.38
3/4		3/4		3/4	3,458.67	3/4	3,197.58	3/4	2,936.49	3/4	2,675.40	3/4	2,414.31	3/4	2,153.21	3/4	1,892.12	3/4	1,369.94
11		11		11	3,453.23	11	3,192.14	11	2,931.05	11	2,669.96	11	2,408.87	11	2,147.77	11	1,886.68	11	1,364.50
1/4		1/4		1/4	3,447.79	1/4	3,186.70	1/4	2,925.61	1/4	2,664.52	1/4	2,403.43	1/4	2,142.34	1/4	1,881.24	1/4	1,359.06
1/2		1/2		1/2	3,442.35	1/2	3,181.26	1/2	2,920.17	1/2	2,659.08	1/2	2,397.99	1/2	2,136.90	1/2	1,875.80	1/2	1,353.62
3/4		3/4		3/4	3,436.91	3/4	3,175.82	3/4	2,914.73	3/4	2,653.64	3/4	2,392.55	3/4	2,131.46	3/4	1,870.37	3/4	1,348.18

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 1106"

## 3 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	1,342.74	0	1,081.65	0	820.59	0	559.90	0	298.81	0	38.96	0		0		0		0	
1/4	1,337.30	1/4	1,076.21	1/4	815.16	1/4	554.46	1/4	293.38	1/4	34.03	1/4		1/4		1/4		1/4	
1/2	1,331.86	1/2	1,070.77	1/2	809.73	1/2	549.02	1/2	287.94	1/2	29.11	1/2		1/2		1/2		1/2	
3/4	1,326.43	3/4	1,065.33	3/4	804.30	3/4	543.58	3/4	282.50	3/4	24.18	3/4		3/4		3/4		3/4	
1	1,320.99	1	1,059.89	1	798.87	1	538.14	1	277.06	1	20.56	1		1		1		1	
1/4	1,315.55	1/4	1,054.46	1/4	793.44	1/4	532.70	1/4	271.62	1/4	16.93	1/4		1/4		1/4		1/4	
1/2	1,310.11	1/2	1,049.02	1/2	788.01	1/2	527.26	1/2	266.18	1/2	13.31	1/2		1/2		1/2		1/2	
3/4	1,304.67	3/4	1,043.58	3/4	782.58	3/4	521.82	3/4	260.74	3/4	9.69	3/4		3/4		3/4		3/4	
2	1,299.23	2	1,038.14	2	777.15	2	516.38	2	255.30	2	7.88	2		2		2		2	
1/4	1,293.79	1/4	1,032.70	1/4	771.73	1/4	510.94	1/4	249.86	1/4	6.06	1/4		1/4		1/4		1/4	
1/2	1,288.35	1/2	1,027.26	1/2	766.30	1/2	505.50	1/2	244.42	1/2	4.25	1/2		1/2		1/2		1/2	
3/4	1,282.91	3/4	1,021.82	3/4	760.87	3/4	500.06	3/4	238.98	3/4	2.44	3/4		3/4		3/4		3/4	
3	1,277.47	3	1,016.38	3	755.44	3	494.63	3	233.54	3		3		3		3		3	
1/4	1,272.03	1/4	1,010.94	1/4	750.01	1/4	489.19	1/4	228.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,266.59	1/2	1,005.50	1/2	744.58	1/2	483.75	1/2	222.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,261.15	3/4	1,000.06	3/4	739.15	3/4	478.31	3/4	217.23	3/4		3/4		3/4		3/4		3/4	
4	1,255.71	4	994.62	4	733.73	4	472.87	4	211.79	4		4		4		4		4	
1/4	1,250.27	1/4	989.18	1/4	728.30	1/4	467.43	1/4	206.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,244.83	1/2	983.74	1/2	722.87	1/2	461.99	1/2	200.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,239.39	3/4	978.30	3/4	717.44	3/4	456.55	3/4	195.47	3/4		3/4		3/4		3/4		3/4	
5	1,233.96	5	972.86	5	712.01	5	451.11	5	190.03	5		5		5		5		5	
1/4	1,228.52	1/4	967.42	1/4	706.58	1/4	445.67	1/4	184.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,223.08	1/2	961.99	1/2	701.15	1/2	440.23	1/2	179.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,217.64	3/4	956.55	3/4	695.73	3/4	434.79	3/4	173.71	3/4		3/4		3/4		3/4		3/4	
6	1,212.20	6	951.11	6	690.30	6	429.36	6	168.28	6		6		6		6		6	
1/4	1,206.76	1/4	945.67	1/4	684.87	1/4	423.92	1/4	162.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,201.32	1/2	940.23	1/2	679.44	1/2	418.48	1/2	157.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,195.88	3/4	934.79	3/4	674.01	3/4	413.04	3/4	151.96	3/4		3/4		3/4		3/4		3/4	
7	1,190.44	7	929.35	7	668.58	7	407.60	7	146.52	7		7		7		7		7	
1/4	1,185.00	1/4	923.91	1/4	663.15	1/4	402.16	1/4	141.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,179.56	1/2	918.47	1/2	657.73	1/2	396.72	1/2	135.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,174.12	3/4	913.03	3/4	652.30	3/4	391.28	3/4	130.22	3/4		3/4		3/4		3/4		3/4	
8	1,168.68	8	907.59	8	646.87	8	385.84	8	124.79	8		8		8		8		8	
1/4	1,163.24	1/4	902.15	1/4	641.44	1/4	380.40	1/4	119.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,157.80	1/2	896.71	1/2	636.01	1/2	374.96	1/2	113.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,152.36	3/4	891.27	3/4	630.58	3/4	369.52	3/4	108.51	3/4		3/4		3/4		3/4		3/4	
9	1,146.93	9	885.83	9	625.15	9	364.08	9	103.09	9		9		9		9		9	
1/4	1,141.49	1/4	880.39	1/4	619.72	1/4	358.65	1/4	97.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,136.05	1/2	874.96	1/2	614.28	1/2	353.21	1/2	92.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,130.61	3/4	869.52	3/4	608.85	3/4	347.77	3/4	86.85	3/4		3/4		3/4		3/4		3/4	
10	1,125.17	10	864.08	10	603.41	10	342.33	10	81.46	10		10		10		10		10	
1/4	1,119.73	1/4	858.64	1/4	597.97	1/4	336.89	1/4	76.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,114.29	1/2	853.20	1/2	592.53	1/2	331.45	1/2	70.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,108.85	3/4	847.76	3/4	587.09	3/4	326.01	3/4	65.29	3/4		3/4		3/4		3/4		3/4	
11	1,103.41	11	842.32	11	581.65	11	320.57	11	59.94	11		11		11		11		11	
1/4	1,097.97	1/4	836.89	1/4	576.21	1/4	315.13	1/4	54.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,092.53	1/2	831.45	1/2	570.77	1/2	309.69	1/2	49.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,087.09	3/4	826.02	3/4	565.34	3/4	304.25	3/4	43.88	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2018 CL  
CALCULATED: 04/24/2018 CL  
PRINTED: 04/24/2018 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2018

PRECISION MEASUREMENT  
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