



# BARGE "IB 1105"

## 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 1105"

## 1 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	3,749.11	0	3,495.34	0	3,241.56	0	2,987.79	0	2,709.92	0	2,413.23	0	2,116.56	0	1,819.86
1/4		1/4		1/4	3,743.83	1/4	3,490.05	1/4	3,236.28	1/4	2,982.50	1/4	2,703.74	1/4	2,407.05	1/4	2,110.37	1/4	1,813.68
1/2		1/2		1/2	3,738.54	1/2	3,484.76	1/2	3,230.99	1/2	2,977.21	1/2	2,697.56	1/2	2,400.87	1/2	2,104.19	1/2	1,807.50
3/4		3/4	3,966.62	3/4	3,733.25	3/4	3,479.48	3/4	3,225.70	3/4	2,971.93	3/4	2,691.38	3/4	2,394.69	3/4	2,098.01	3/4	1,801.32
1		1	3,964.50	1	3,727.97	1	3,474.19	1	3,220.41	1	2,966.64	1	2,685.19	1	2,388.51	1	2,091.83	1	1,795.14
1/4		1/4	3,962.37	1/4	3,722.68	1/4	3,468.90	1/4	3,215.13	1/4	2,961.35	1/4	2,679.01	1/4	2,382.33	1/4	2,085.65	1/4	1,788.96
1/2		1/2	3,960.24	1/2	3,717.39	1/2	3,463.62	1/2	3,209.84	1/2	2,956.06	1/2	2,672.83	1/2	2,376.15	1/2	2,079.47	1/2	1,782.78
3/4		3/4	3,958.12	3/4	3,712.11	3/4	3,458.33	3/4	3,204.55	3/4	2,950.78	3/4	2,666.65	3/4	2,369.97	3/4	2,073.29	3/4	1,776.60
2		2	3,954.42	2	3,706.82	2	3,453.04	2	3,199.27	2	2,945.49	2	2,660.47	2	2,363.79	2	2,067.11	2	1,770.41
1/4		1/4	3,950.72	1/4	3,701.53	1/4	3,447.76	1/4	3,193.98	1/4	2,940.20	1/4	2,654.29	1/4	2,357.61	1/4	2,060.93	1/4	1,764.23
1/2		1/2	3,947.03	1/2	3,696.24	1/2	3,442.47	1/2	3,188.69	1/2	2,934.92	1/2	2,648.11	1/2	2,351.43	1/2	2,054.74	1/2	1,758.05
3/4		3/4	3,943.33	3/4	3,690.96	3/4	3,437.18	3/4	3,183.41	3/4	2,929.63	3/4	2,641.93	3/4	2,345.25	3/4	2,048.56	3/4	1,751.87
3		3	3,938.36	3	3,685.67	3	3,431.89	3	3,178.12	3	2,924.34	3	2,635.75	3	2,339.07	3	2,042.38	3	1,745.69
1/4		1/4	3,933.40	1/4	3,680.38	1/4	3,426.61	1/4	3,172.83	1/4	2,919.06	1/4	2,629.56	1/4	2,332.89	1/4	2,036.20	1/4	1,739.51
1/2		1/2	3,928.43	1/2	3,675.10	1/2	3,421.32	1/2	3,167.54	1/2	2,913.77	1/2	2,623.38	1/2	2,326.70	1/2	2,030.02	1/2	1,733.33
3/4		3/4	3,923.46	3/4	3,669.81	3/4	3,416.03	3/4	3,162.26	3/4	2,908.48	3/4	2,617.20	3/4	2,320.52	3/4	2,023.84	3/4	1,727.15
4		4	3,918.20	4	3,664.52	4	3,410.75	4	3,156.97	4	2,903.20	4	2,611.02	4	2,314.34	4	2,017.66	4	1,720.97
1/4		1/4	3,912.93	1/4	3,659.24	1/4	3,405.46	1/4	3,151.68	1/4	2,897.92	1/4	2,604.84	1/4	2,308.16	1/4	2,011.48	1/4	1,714.78
1/2		1/2	3,907.67	1/2	3,653.95	1/2	3,400.17	1/2	3,146.40	1/2	2,892.64	1/2	2,598.66	1/2	2,301.98	1/2	2,005.30	1/2	1,708.60
3/4		3/4	3,902.41	3/4	3,648.66	3/4	3,394.89	3/4	3,141.11	3/4	2,887.36	3/4	2,592.48	3/4	2,295.80	3/4	1,999.11	3/4	1,702.42
5		5	3,897.12	5	3,643.37	5	3,389.60	5	3,135.82	5	2,881.63	5	2,586.30	5	2,289.62	5	1,992.93	5	1,696.25
1/4		1/4	3,891.84	1/4	3,638.09	1/4	3,384.31	1/4	3,130.54	1/4	2,875.90	1/4	2,580.12	1/4	2,283.44	1/4	1,986.75	1/4	1,690.07
1/2		1/2	3,886.56	1/2	3,632.80	1/2	3,379.02	1/2	3,125.25	1/2	2,870.17	1/2	2,573.94	1/2	2,277.26	1/2	1,980.57	1/2	1,683.90
3/4		3/4	3,881.28	3/4	3,627.51	3/4	3,373.74	3/4	3,119.96	3/4	2,864.45	3/4	2,567.75	3/4	2,271.08	3/4	1,974.39	3/4	1,677.73
6		6	3,876.00	6	3,622.23	6	3,368.45	6	3,114.67	6	2,858.27	6	2,561.57	6	2,264.90	6	1,968.21	6	1,671.56
1/4		1/4	3,870.71	1/4	3,616.94	1/4	3,363.16	1/4	3,109.39	1/4	2,852.08	1/4	2,555.39	1/4	2,258.72	1/4	1,962.03	1/4	1,665.39
1/2		1/2	3,865.43	1/2	3,611.65	1/2	3,357.88	1/2	3,104.10	1/2	2,845.90	1/2	2,549.21	1/2	2,252.54	1/2	1,955.85	1/2	1,659.23
3/4		3/4	3,860.14	3/4	3,606.37	3/4	3,352.59	3/4	3,098.81	3/4	2,839.72	3/4	2,543.03	3/4	2,246.36	3/4	1,949.67	3/4	1,653.06
7		7	3,854.85	7	3,601.08	7	3,347.30	7	3,093.53	7	2,833.54	7	2,536.85	7	2,240.18	7	1,943.48	7	1,646.89
1/4		1/4	3,849.57	1/4	3,595.79	1/4	3,342.02	1/4	3,088.24	1/4	2,827.36	1/4	2,530.67	1/4	2,234.00	1/4	1,937.30	1/4	1,640.73
1/2		1/2	3,844.28	1/2	3,590.50	1/2	3,336.73	1/2	3,082.95	1/2	2,821.18	1/2	2,524.49	1/2	2,227.82	1/2	1,931.12	1/2	1,634.56
3/4		3/4	3,838.99	3/4	3,585.22	3/4	3,331.44	3/4	3,077.67	3/4	2,815.00	3/4	2,518.31	3/4	2,221.63	3/4	1,924.94	3/4	1,628.39
8		8	3,833.71	8	3,579.93	8	3,326.15	8	3,072.38	8	2,808.82	8	2,512.12	8	2,215.45	8	1,918.76	8	1,622.23
1/4		1/4	3,828.42	1/4	3,574.64	1/4	3,320.87	1/4	3,067.09	1/4	2,802.64	1/4	2,505.94	1/4	2,209.27	1/4	1,912.58	1/4	1,616.06
1/2		1/2	3,823.13	1/2	3,569.36	1/2	3,315.58	1/2	3,061.80	1/2	2,796.45	1/2	2,499.76	1/2	2,203.09	1/2	1,906.40	1/2	1,609.89
3/4		3/4	3,817.85	3/4	3,564.07	3/4	3,310.29	3/4	3,056.52	3/4	2,790.27	3/4	2,493.58	3/4	2,196.91	3/4	1,900.22	3/4	1,603.72
9		9	3,812.56	9	3,558.78	9	3,305.01	9	3,051.23	9	2,784.09	9	2,487.40	9	2,190.73	9	1,894.04	9	1,597.56
1/4		1/4	3,807.27	1/4	3,553.50	1/4	3,299.72	1/4	3,045.94	1/4	2,777.91	1/4	2,481.22	1/4	2,184.55	1/4	1,887.85	1/4	1,591.39
1/2		1/2	3,801.98	1/2	3,548.21	1/2	3,294.43	1/2	3,040.66	1/2	2,771.73	1/2	2,475.04	1/2	2,178.37	1/2	1,881.67	1/2	1,585.22
3/4		3/4	3,796.70	3/4	3,542.92	3/4	3,289.15	3/4	3,035.37	3/4	2,765.55	3/4	2,468.86	3/4	2,172.19	3/4	1,875.49	3/4	1,579.06
10		10	3,791.41	10	3,537.63	10	3,283.86	10	3,030.08	10	2,759.37	10	2,462.68	10	2,166.00	10	1,869.31	10	1,572.89
1/4		1/4	3,786.12	1/4	3,532.35	1/4	3,278.57	1/4	3,024.80	1/4	2,753.19	1/4	2,456.49	1/4	2,159.82	1/4	1,863.13	1/4	1,566.72
1/2		1/2	3,780.84	1/2	3,527.06	1/2	3,273.28	1/2	3,019.51	1/2	2,747.01	1/2	2,450.31	1/2	2,153.64	1/2	1,856.95	1/2	1,560.56
3/4		3/4	3,775.55	3/4	3,521.77	3/4	3,268.00	3/4	3,014.22	3/4	2,740.82	3/4	2,444.13	3/4	2,147.46	3/4	1,850.77	3/4	1,554.39
11		11	3,770.26	11	3,516.49	11	3,262.71	11	3,008.93	11	2,734.64	11	2,437.95	11	2,141.28	11	1,844.59	11	1,548.22
1/4		1/4	3,764.98	1/4	3,511.20	1/4	3,257.42	1/4	3,003.65	1/4	2,728.46	1/4	2,431.77	1/4	2,135.10	1/4	1,838.41	1/4	1,542.06
1/2		1/2	3,759.69	1/2	3,505.91	1/2	3,252.14	1/2	2,998.36	1/2	2,722.28	1/2	2,425.59	1/2	2,128.92	1/2	1,832.23	1/2	1,535.89
3/4		3/4	3,754.40	3/4	3,500.63	3/4	3,246.85	3/4	2,993.07	3/4	2,716.10	3/4	2,419.41	3/4	2,122.74	3/4	1,826.04	3/4	1,529.72

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 1105"

## 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	1,523.56	0	1,227.16	0	931.06	0	639.97	0	343.26	0	47.68	0		0		0		0	
1/4	1,517.39	1/4	1,220.98	1/4	925.03	1/4	633.79	1/4	337.08	1/4	42.07	1/4		1/4		1/4		1/4	
1/2	1,511.22	1/2	1,214.80	1/2	919.00	1/2	627.60	1/2	330.90	1/2	36.46	1/2		1/2		1/2		1/2	
3/4	1,505.06	3/4	1,208.62	3/4	912.96	3/4	621.42	3/4	324.72	3/4	30.85	3/4		3/4		3/4		3/4	
1	1,498.89	1	1,202.44	1	906.93	1	615.24	1	318.54	1	26.73	1		1		1		1	
1/4	1,492.72	1/4	1,196.27	1/4	900.90	1/4	609.06	1/4	312.36	1/4	22.61	1/4		1/4		1/4		1/4	
1/2	1,486.56	1/2	1,190.09	1/2	894.87	1/2	602.88	1/2	306.18	1/2	18.48	1/2		1/2		1/2		1/2	
3/4	1,480.39	3/4	1,183.91	3/4	888.84	3/4	596.70	3/4	299.99	3/4	14.36	3/4		3/4		3/4		3/4	
2	1,474.22	2	1,177.73	2	882.81	2	590.52	2	293.81	2	12.29	2		2		2		2	
1/4	1,468.06	1/4	1,171.55	1/4	876.79	1/4	584.34	1/4	287.63	1/4	10.23	1/4		1/4		1/4		1/4	
1/2	1,461.89	1/2	1,165.38	1/2	870.76	1/2	578.15	1/2	281.45	1/2	8.16	1/2		1/2		1/2		1/2	
3/4	1,455.72	3/4	1,159.20	3/4	864.73	3/4	571.97	3/4	275.27	3/4	6.10	3/4		3/4		3/4		3/4	
3	1,449.55	3	1,153.02	3	858.70	3	565.79	3	269.09	3		3		3		3		3	
1/4	1,443.38	1/4	1,146.84	1/4	852.67	1/4	559.61	1/4	262.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,437.20	1/2	1,140.66	1/2	846.64	1/2	553.43	1/2	256.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,431.03	3/4	1,134.49	3/4	840.61	3/4	547.25	3/4	250.54	3/4		3/4		3/4		3/4		3/4	
4	1,424.85	4	1,128.31	4	834.58	4	541.07	4	244.36	4		4		4		4		4	
1/4	1,418.67	1/4	1,122.13	1/4	828.55	1/4	534.89	1/4	238.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,412.50	1/2	1,115.95	1/2	822.52	1/2	528.70	1/2	231.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,406.32	3/4	1,109.77	3/4	816.49	3/4	522.52	3/4	225.80	3/4		3/4		3/4		3/4		3/4	
5	1,400.14	5	1,103.60	5	810.46	5	516.34	5	219.62	5		5		5		5		5	
1/4	1,393.96	1/4	1,097.42	1/4	804.43	1/4	510.16	1/4	213.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,387.78	1/2	1,091.24	1/2	798.40	1/2	503.98	1/2	207.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,381.61	3/4	1,085.06	3/4	792.37	3/4	497.80	3/4	201.05	3/4		3/4		3/4		3/4		3/4	
6	1,375.43	6	1,078.88	6	786.34	6	491.62	6	194.87	6		6		6		6		6	
1/4	1,369.25	1/4	1,072.71	1/4	780.31	1/4	485.43	1/4	188.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,363.07	1/2	1,066.53	1/2	774.29	1/2	479.25	1/2	182.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,356.89	3/4	1,060.35	3/4	768.26	3/4	473.07	3/4	176.31	3/4		3/4		3/4		3/4		3/4	
7	1,350.72	7	1,054.17	7	762.23	7	466.89	7	170.13	7		7		7		7		7	
1/4	1,344.54	1/4	1,047.99	1/4	756.20	1/4	460.71	1/4	163.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,338.36	1/2	1,041.82	1/2	750.17	1/2	454.53	1/2	157.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,332.18	3/4	1,035.64	3/4	744.14	3/4	448.35	3/4	151.58	3/4		3/4		3/4		3/4		3/4	
8	1,326.00	8	1,029.46	8	738.11	8	442.17	8	145.40	8		8		8		8		8	
1/4	1,319.83	1/4	1,023.28	1/4	732.08	1/4	435.98	1/4	139.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,313.65	1/2	1,017.10	1/2	726.05	1/2	429.80	1/2	133.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,307.47	3/4	1,010.93	3/4	720.02	3/4	423.62	3/4	126.87	3/4		3/4		3/4		3/4		3/4	
9	1,301.29	9	1,004.75	9	713.92	9	417.44	9	120.71	9		9		9		9		9	
1/4	1,295.11	1/4	998.57	1/4	707.81	1/4	411.26	1/4	114.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,288.94	1/2	992.39	1/2	701.70	1/2	405.08	1/2	108.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,282.76	3/4	986.21	3/4	695.60	3/4	398.90	3/4	102.21	3/4		3/4		3/4		3/4		3/4	
10	1,276.58	10	980.04	10	689.42	10	392.72	10	96.08	10		10		10		10		10	
1/4	1,270.40	1/4	973.86	1/4	683.24	1/4	386.53	1/4	89.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,264.22	1/2	967.68	1/2	677.06	1/2	380.35	1/2	83.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.05	3/4	961.50	3/4	670.87	3/4	374.17	3/4	77.66	3/4		3/4		3/4		3/4		3/4	
11	1,251.87	11	955.40	11	664.69	11	367.99	11	71.57	11		11		11		11		11	
1/4	1,245.69	1/4	949.29	1/4	658.51	1/4	361.81	1/4	65.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.51	1/2	943.19	1/2	652.33	1/2	355.63	1/2	59.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.33	3/4	937.09	3/4	646.15	3/4	349.45	3/4	53.29	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 1105"

## 2 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4	3,434.46	1/4	3,171.89	1/4	2,909.31	1/4	2,646.74	1/4	2,384.17	1/4	2,121.59	1/4	1,859.02	1/4	1,596.44		
1/2		1/2	3,671.94	1/2	3,428.99	1/2	3,166.42	1/2	2,903.84	1/2	2,641.27	1/2	2,378.70	1/2	2,116.12	1/2	1,853.55	1/2	1,590.97		
3/4		3/4	3,669.66	3/4	3,423.52	3/4	3,160.95	3/4	2,898.37	3/4	2,635.80	3/4	2,373.23	3/4	2,110.65	3/4	1,848.08	3/4	1,585.50		
1	1	1	3,667.38	1	3,418.05	1	3,155.48	1	2,892.90	1	2,630.33	1	2,367.76	1	2,105.18	1	1,842.61	1	1,580.03		
1/4		1/4	3,665.10	1/4	3,412.58	1/4	3,150.01	1/4	2,887.43	1/4	2,624.86	1/4	2,362.28	1/4	2,099.71	1/4	1,837.14	1/4	1,574.56		
1/2		1/2	3,662.82	1/2	3,407.11	1/2	3,144.54	1/2	2,881.96	1/2	2,619.39	1/2	2,356.81	1/2	2,094.24	1/2	1,831.67	1/2	1,569.09		
3/4		3/4	3,658.76	3/4	3,401.64	3/4	3,139.07	3/4	2,876.49	3/4	2,613.92	3/4	2,351.34	3/4	2,088.77	3/4	1,826.20	3/4	1,563.62		
2	2	2	3,654.69	2	3,396.17	2	3,133.60	2	2,871.02	2	2,608.45	2	2,345.87	2	2,083.30	2	1,820.73	2	1,558.15		
1/4		1/4	3,650.63	1/4	3,390.70	1/4	3,128.13	1/4	2,865.55	1/4	2,602.98	1/4	2,340.40	1/4	2,077.83	1/4	1,815.25	1/4	1,552.68		
1/2		1/2	3,646.56	1/2	3,385.23	1/2	3,122.66	1/2	2,860.08	1/2	2,597.51	1/2	2,334.93	1/2	2,072.36	1/2	1,809.78	1/2	1,547.21		
3/4		3/4	3,641.38	3/4	3,379.76	3/4	3,117.19	3/4	2,854.61	3/4	2,592.04	3/4	2,329.46	3/4	2,066.89	3/4	1,804.31	3/4	1,541.74		
3	3	3	3,636.19	3	3,374.29	3	3,111.72	3	2,849.14	3	2,586.57	3	2,323.99	3	2,061.42	3	1,798.84	3	1,536.27		
1/4		1/4	3,631.00	1/4	3,368.82	1/4	3,106.25	1/4	2,843.67	1/4	2,581.10	1/4	2,318.52	1/4	2,055.95	1/4	1,793.37	1/4	1,530.80		
1/2		1/2	3,625.81	1/2	3,363.35	1/2	3,100.78	1/2	2,838.20	1/2	2,575.63	1/2	2,313.05	1/2	2,050.48	1/2	1,787.90	1/2	1,525.33		
3/4		3/4	3,620.36	3/4	3,357.88	3/4	3,095.31	3/4	2,832.73	3/4	2,570.16	3/4	2,307.58	3/4	2,045.01	3/4	1,782.43	3/4	1,519.86		
4	4	4	3,614.91	4	3,352.41	4	3,089.83	4	2,827.26	4	2,564.69	4	2,302.11	4	2,039.54	4	1,776.96	4	1,514.39		
1/4		1/4	3,609.46	1/4	3,346.94	1/4	3,084.36	1/4	2,821.79	1/4	2,559.22	1/4	2,296.64	1/4	2,034.07	1/4	1,771.49	1/4	1,508.92		
1/2		1/2	3,604.01	1/2	3,341.47	1/2	3,078.89	1/2	2,816.32	1/2	2,553.75	1/2	2,291.17	1/2	2,028.60	1/2	1,766.02	1/2	1,503.45		
3/4		3/4	3,598.55	3/4	3,336.00	3/4	3,073.42	3/4	2,810.85	3/4	2,548.28	3/4	2,285.70	3/4	2,023.13	3/4	1,760.55	3/4	1,497.98		
5	5	5	3,593.08	5	3,330.53	5	3,067.95	5	2,805.38	5	2,542.80	5	2,280.23	5	2,017.66	5	1,755.08	5	1,492.51		
1/4		1/4	3,587.62	1/4	3,325.06	1/4	3,062.48	1/4	2,799.91	1/4	2,537.33	1/4	2,274.76	1/4	2,012.19	1/4	1,749.61	1/4	1,487.04		
1/2		1/2	3,582.15	1/2	3,319.59	1/2	3,057.01	1/2	2,794.44	1/2	2,531.86	1/2	2,269.29	1/2	2,006.72	1/2	1,744.14	1/2	1,481.57		
3/4		3/4	3,576.68	3/4	3,314.12	3/4	3,051.54	3/4	2,788.97	3/4	2,526.39	3/4	2,263.82	3/4	2,001.25	3/4	1,738.67	3/4	1,476.10		
6	6	6	3,571.22	6	3,308.65	6	3,046.07	6	2,783.50	6	2,520.92	6	2,258.35	6	1,995.77	6	1,733.20	6	1,470.63		
1/4		1/4	3,565.75	1/4	3,303.18	1/4	3,040.60	1/4	2,778.03	1/4	2,515.45	1/4	2,252.88	1/4	1,990.30	1/4	1,727.73	1/4	1,465.16		
1/2		1/2	3,560.28	1/2	3,297.71	1/2	3,035.13	1/2	2,772.56	1/2	2,509.98	1/2	2,247.41	1/2	1,984.83	1/2	1,722.26	1/2	1,459.69		
3/4		3/4	3,554.81	3/4	3,292.24	3/4	3,029.66	3/4	2,767.09	3/4	2,504.51	3/4	2,241.94	3/4	1,979.36	3/4	1,716.79	3/4	1,454.22		
7	7	7	3,549.34	7	3,286.77	7	3,024.19	7	2,761.62	7	2,499.04	7	2,236.47	7	1,973.89	7	1,711.32	7	1,448.74		
1/4		1/4	3,543.87	1/4	3,281.30	1/4	3,018.72	1/4	2,756.15	1/4	2,493.57	1/4	2,231.00	1/4	1,968.42	1/4	1,705.85	1/4	1,443.27		
1/2		1/2	3,538.40	1/2	3,275.82	1/2	3,013.25	1/2	2,750.68	1/2	2,488.10	1/2	2,225.53	1/2	1,962.95	1/2	1,700.38	1/2	1,437.80		
3/4		3/4	3,532.93	3/4	3,270.35	3/4	3,007.78	3/4	2,745.21	3/4	2,482.63	3/4	2,220.06	3/4	1,957.48	3/4	1,694.91	3/4	1,432.33		
8	8	8	3,527.46	8	3,264.88	8	3,002.31	8	2,739.74	8	2,477.16	8	2,214.59	8	1,952.01	8	1,689.44	8	1,426.86		
1/4		1/4	3,521.99	1/4	3,259.41	1/4	2,996.84	1/4	2,734.27	1/4	2,471.69	1/4	2,209.12	1/4	1,946.54	1/4	1,683.97	1/4	1,421.39		
1/2		1/2	3,516.52	1/2	3,253.94	1/2	2,991.37	1/2	2,728.79	1/2	2,466.22	1/2	2,203.65	1/2	1,941.07	1/2	1,678.50	1/2	1,415.92		
3/4		3/4	3,511.05	3/4	3,248.47	3/4	2,985.90	3/4	2,723.32	3/4	2,460.75	3/4	2,198.18	3/4	1,935.60	3/4	1,673.03	3/4	1,410.45		
9	9	9	3,505.58	9	3,243.00	9	2,980.43	9	2,717.85	9	2,455.28	9	2,192.71	9	1,930.13	9	1,667.56	9	1,404.98		
1/4		1/4	3,500.11	1/4	3,237.53	1/4	2,974.96	1/4	2,712.38	1/4	2,449.81	1/4	2,187.24	1/4	1,924.66	1/4	1,662.09	1/4	1,399.51		
1/2		1/2	3,494.64	1/2	3,232.06	1/2	2,969.49	1/2	2,706.91	1/2	2,444.34	1/2	2,181.76	1/2	1,919.19	1/2	1,656.62	1/2	1,394.04		
3/4		3/4	3,489.17	3/4	3,226.59	3/4	2,964.02	3/4	2,701.44	3/4	2,438.87	3/4	2,176.29	3/4	1,913.72	3/4	1,651.15	3/4	1,388.57		
10	10	10	3,483.70	10	3,221.12	10	2,958.55	10	2,695.97	10	2,433.40	10	2,170.82	10	1,908.25	10	1,645.68	10	1,383.10		
1/4		1/4	3,478.23	1/4	3,215.65	1/4	2,953.08	1/4	2,690.50	1/4	2,427.93	1/4	2,165.35	1/4	1,902.78	1/4	1,640.21	1/4	1,377.63		
1/2		1/2	3,472.76	1/2	3,210.18	1/2	2,947.61	1/2	2,685.03	1/2	2,422.46	1/2	2,159.88	1/2	1,897.31	1/2	1,634.73	1/2	1,372.16		
3/4		3/4	3,467.29	3/4	3,204.71	3/4	2,942.14	3/4	2,679.56	3/4	2,416.99	3/4	2,154.41	3/4	1,891.84	3/4	1,629.26	3/4	1,366.69		
11	11	11	3,461.82	11	3,199.24	11	2,936.67	11	2,674.09	11	2,411.52	11	2,148.94	11	1,886.37	11	1,623.79	11	1,361.22		
1/4		1/4	3,456.34	1/4	3,193.77	1/4	2,931.20	1/4	2,668.62	1/4	2,406.05	1/4	2,143.47	1/4	1,880.90	1/4	1,618.32	1/4	1,355.75		
1/2		1/2	3,450.87	1/2	3,188.30	1/2	2,925.73	1/2	2,663.15	1/2	2,400.58	1/2	2,138.00	1/2	1,875.43	1/2	1,612.85	1/2	1,350.28		
3/4		3/4	3,445.40	3/4	3,182.83	3/4	2,920.26	3/4	2,657.68	3/4	2,395.11	3/4	2,132.53	3/4	1,869.96	3/4	1,607.38	3/4	1,344.81		

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  
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# BARGE "IB 1105"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,339.34	0	1,076.76	0	814.78	0	557.60	0	295.04	0	34.22	0		0		0		0	
1/4	1,333.87	1/4	1,071.29	1/4	809.46	1/4	552.13	1/4	289.57	1/4	29.26	1/4		1/4		1/4		1/4	
1/2	1,328.40	1/2	1,065.82	1/2	804.14	1/2	546.66	1/2	284.10	1/2	24.31	1/2		1/2		1/2		1/2	
3/4	1,322.93	3/4	1,060.35	3/4	798.82	3/4	541.19	3/4	278.63	3/4	20.67	3/4		3/4		3/4		3/4	
1	1,317.46	1	1,054.88	1	793.50	1	535.72	1	273.16	1	17.03	1		1		1		1	
1/4	1,311.99	1/4	1,049.41	1/4	788.18	1/4	530.25	1/4	267.69	1/4	13.38	1/4		1/4		1/4		1/4	
1/2	1,306.52	1/2	1,043.94	1/2	782.85	1/2	524.78	1/2	262.22	1/2	9.74	1/2		1/2		1/2		1/2	
3/4	1,301.05	3/4	1,038.47	3/4	777.53	3/4	519.31	3/4	256.75	3/4	7.92	3/4		3/4		3/4		3/4	
2	1,295.58	2	1,033.00	2	772.21	2	513.84	2	251.28	2	6.09	2		2		2		2	
1/4	1,290.11	1/4	1,027.53	1/4	766.89	1/4	508.37	1/4	245.81	1/4	4.27	1/4		1/4		1/4		1/4	
1/2	1,284.64	1/2	1,022.06	1/2	761.57	1/2	502.90	1/2	240.34	1/2	2.45	1/2		1/2		1/2		1/2	
3/4	1,279.17	3/4	1,016.59	3/4	756.25	3/4	497.43	3/4	234.87	3/4		3/4		3/4		3/4		3/4	
3	1,273.70	3	1,011.12	3	750.93	3	491.96	3	229.40	3		3		3		3		3	
1/4	1,268.22	1/4	1,005.65	1/4	745.61	1/4	486.49	1/4	223.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,262.75	1/2	1,000.18	1/2	740.29	1/2	481.02	1/2	218.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.28	3/4	994.71	3/4	734.97	3/4	475.55	3/4	212.98	3/4		3/4		3/4		3/4		3/4	
4	1,251.81	4	989.24	4	729.65	4	470.08	4	207.51	4		4		4		4		4	
1/4	1,246.34	1/4	983.77	1/4	724.33	1/4	464.61	1/4	202.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.87	1/2	978.30	1/2	719.01	1/2	459.14	1/2	196.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,235.40	3/4	972.83	3/4	713.69	3/4	453.67	3/4	191.10	3/4		3/4		3/4		3/4		3/4	
5	1,229.93	5	967.36	5	708.37	5	448.20	5	185.63	5		5		5		5		5	
1/4	1,224.46	1/4	961.89	1/4	703.05	1/4	442.73	1/4	180.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,218.99	1/2	956.42	1/2	697.73	1/2	437.26	1/2	174.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,213.52	3/4	950.95	3/4	692.41	3/4	431.79	3/4	169.23	3/4		3/4		3/4		3/4		3/4	
6	1,208.05	6	945.48	6	687.09	6	426.32	6	163.76	6		6		6		6		6	
1/4	1,202.58	1/4	940.01	1/4	681.77	1/4	420.85	1/4	158.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,197.11	1/2	934.54	1/2	676.44	1/2	415.38	1/2	152.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,191.64	3/4	929.07	3/4	671.12	3/4	409.91	3/4	147.35	3/4		3/4		3/4		3/4		3/4	
7	1,186.17	7	923.60	7	665.80	7	404.44	7	141.88	7		7		7		7		7	
1/4	1,180.70	1/4	918.13	1/4	660.48	1/4	398.97	1/4	136.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,175.23	1/2	912.66	1/2	655.16	1/2	393.50	1/2	130.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,169.76	3/4	907.19	3/4	649.84	3/4	388.03	3/4	125.49	3/4		3/4		3/4		3/4		3/4	
8	1,164.29	8	901.71	8	644.52	8	382.56	8	120.03	8		8		8		8		8	
1/4	1,158.82	1/4	896.24	1/4	639.20	1/4	377.09	1/4	114.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,153.35	1/2	890.77	1/2	633.88	1/2	371.62	1/2	109.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,147.88	3/4	885.30	3/4	628.49	3/4	366.15	3/4	103.67	3/4		3/4		3/4		3/4		3/4	
9	1,142.41	9	879.83	9	623.09	9	360.68	9	98.23	9		9		9		9		9	
1/4	1,136.94	1/4	874.36	1/4	617.70	1/4	355.21	1/4	92.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,131.47	1/2	868.89	1/2	612.30	1/2	349.74	1/2	87.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,126.00	3/4	863.42	3/4	606.83	3/4	344.27	3/4	81.92	3/4		3/4		3/4		3/4		3/4	
10	1,120.53	10	857.95	10	601.36	10	338.80	10	76.50	10		10		10		10		10	
1/4	1,115.06	1/4	852.48	1/4	595.89	1/4	333.33	1/4	71.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,109.59	1/2	847.01	1/2	590.42	1/2	327.86	1/2	65.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,104.12	3/4	841.62	3/4	584.95	3/4	322.39	3/4	60.27	3/4		3/4		3/4		3/4		3/4	
11	1,098.65	11	836.22	11	579.48	11	316.92	11	54.89	11		11		11		11		11	
1/4	1,093.18	1/4	830.82	1/4	574.01	1/4	311.45	1/4	49.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,087.70	1/2	825.43	1/2	568.54	1/2	305.98	1/2	44.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,082.23	3/4	820.11	3/4	563.07	3/4	300.51	3/4	39.17	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 1105"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,431.10	0	3,170.45	0	2,909.80	0	2,649.15	0	2,388.50	0	2,127.85	0	1,867.20	0	1,606.55
1/4		1/4		1/4	3,425.67	1/4	3,165.02	1/4	2,904.37	1/4	2,643.72	1/4	2,383.07	1/4	2,122.42	1/4	1,861.77	1/4	1,601.12
1/2		1/2		1/2	3,420.24	1/2	3,159.59	1/2	2,898.94	1/2	2,638.29	1/2	2,377.64	1/2	2,116.99	1/2	1,856.34	1/2	1,595.69
3/4		3/4		3/4	3,414.81	3/4	3,154.16	3/4	2,893.51	3/4	2,632.86	3/4	2,372.21	3/4	2,111.56	3/4	1,850.91	3/4	1,590.26
1		1		1	3,650.55	1	3,409.38	1	2,888.08	1	2,627.43	1	2,366.78	1	2,106.13	1	1,845.48	1	1,584.83
1/4		1/4		1/4	3,648.29	1/4	3,403.95	1/4	3,143.30	1/4	2,882.65	1/4	2,622.00	1/4	2,361.35	1/4	1,840.05	1/4	1,579.40
1/2		1/2		1/2	3,646.03	1/2	3,398.52	1/2	3,137.87	1/2	2,877.22	1/2	2,616.57	1/2	2,355.92	1/2	1,834.62	1/2	1,573.97
3/4		3/4		3/4	3,643.76	3/4	3,393.09	3/4	3,132.44	3/4	2,871.79	3/4	2,611.14	3/4	2,350.49	3/4	1,829.19	3/4	1,568.54
2		2		2	3,641.50	2	3,387.66	2	3,127.01	2	2,866.36	2	2,605.71	2	2,345.06	2	1,823.76	2	1,563.11
1/4		1/4		1/4	3,637.47	1/4	3,382.23	1/4	3,121.58	1/4	2,860.93	1/4	2,600.28	1/4	2,339.63	1/4	1,818.33	1/4	1,557.68
1/2		1/2		1/2	3,633.43	1/2	3,376.80	1/2	3,116.15	1/2	2,855.50	1/2	2,594.85	1/2	2,334.20	1/2	1,812.90	1/2	1,552.25
3/4		3/4		3/4	3,629.40	3/4	3,371.37	3/4	3,110.72	3/4	2,850.07	3/4	2,589.42	3/4	2,328.77	3/4	1,807.47	3/4	1,546.82
3		3		3	3,625.36	3	3,365.94	3	3,105.29	3	2,844.64	3	2,583.99	3	2,323.34	3	1,802.04	3	1,541.39
1/4		1/4		1/4	3,620.21	1/4	3,360.51	1/4	3,099.86	1/4	2,839.21	1/4	2,578.56	1/4	2,317.91	1/4	1,796.61	1/4	1,535.96
1/2		1/2		1/2	3,615.06	1/2	3,355.08	1/2	3,094.43	1/2	2,833.78	1/2	2,573.13	1/2	2,312.48	1/2	1,791.18	1/2	1,530.53
3/4		3/4		3/4	3,609.91	3/4	3,349.65	3/4	3,089.00	3/4	2,828.35	3/4	2,567.70	3/4	2,307.05	3/4	1,785.75	3/4	1,525.10
4		4		4	3,604.76	4	3,344.22	4	3,083.57	4	2,822.92	4	2,562.27	4	2,301.62	4	1,780.32	4	1,519.67
1/4		1/4		1/4	3,599.35	1/4	3,338.79	1/4	3,078.14	1/4	2,817.49	1/4	2,556.84	1/4	2,296.19	1/4	1,774.89	1/4	1,514.24
1/2		1/2		1/2	3,593.94	1/2	3,333.36	1/2	3,072.71	1/2	2,812.06	1/2	2,551.41	1/2	2,290.76	1/2	1,769.46	1/2	1,508.81
3/4		3/4		3/4	3,588.53	3/4	3,327.93	3/4	3,067.28	3/4	2,806.63	3/4	2,545.98	3/4	2,285.33	3/4	1,764.03	3/4	1,503.38
5		5		5	3,583.12	5	3,322.50	5	3,061.85	5	2,801.20	5	2,540.55	5	2,279.90	5	1,758.60	5	1,497.95
1/4		1/4		1/4	3,577.70	1/4	3,317.07	1/4	3,056.42	1/4	2,795.77	1/4	2,535.12	1/4	2,274.47	1/4	1,753.17	1/4	1,492.52
1/2		1/2		1/2	3,572.27	1/2	3,311.64	1/2	3,050.99	1/2	2,790.34	1/2	2,529.69	1/2	2,269.04	1/2	1,747.74	1/2	1,487.09
3/4		3/4		3/4	3,566.84	3/4	3,306.21	3/4	3,045.56	3/4	2,784.91	3/4	2,524.26	3/4	2,263.61	3/4	1,742.31	3/4	1,481.66
6		6		6	3,561.42	6	3,300.78	6	3,040.13	6	2,779.48	6	2,518.83	6	2,258.18	6	1,736.88	6	1,476.23
1/4		1/4		1/4	3,555.99	1/4	3,295.35	1/4	3,034.70	1/4	2,774.05	1/4	2,513.40	1/4	2,252.75	1/4	1,731.45	1/4	1,470.80
1/2		1/2		1/2	3,550.56	1/2	3,289.91	1/2	3,029.27	1/2	2,768.62	1/2	2,507.97	1/2	2,247.32	1/2	1,726.02	1/2	1,465.37
3/4		3/4		3/4	3,545.13	3/4	3,284.48	3/4	3,023.84	3/4	2,763.19	3/4	2,502.54	3/4	2,241.89	3/4	1,720.59	3/4	1,459.94
7		7		7	3,539.70	7	3,279.05	7	3,018.40	7	2,757.76	7	2,497.11	7	2,236.46	7	1,715.16	7	1,454.51
1/4		1/4		1/4	3,534.27	1/4	3,273.62	1/4	3,012.97	1/4	2,752.33	1/4	2,491.68	1/4	2,231.03	1/4	1,709.73	1/4	1,449.08
1/2		1/2		1/2	3,528.84	1/2	3,268.19	1/2	3,007.54	1/2	2,746.89	1/2	2,486.25	1/2	2,225.60	1/2	1,704.30	1/2	1,443.65
3/4		3/4		3/4	3,523.41	3/4	3,262.76	3/4	3,002.11	3/4	2,741.46	3/4	2,480.82	3/4	2,220.17	3/4	1,698.87	3/4	1,438.22
8		8		8	3,517.98	8	3,257.33	8	2,996.68	8	2,736.03	8	2,475.38	8	2,214.74	8	1,693.44	8	1,432.79
1/4		1/4		1/4	3,512.55	1/4	3,251.90	1/4	2,991.25	1/4	2,730.60	1/4	2,469.95	1/4	2,209.31	1/4	1,688.01	1/4	1,427.36
1/2		1/2		1/2	3,507.12	1/2	3,246.47	1/2	2,985.82	1/2	2,725.17	1/2	2,464.52	1/2	2,203.87	1/2	1,682.58	1/2	1,421.93
3/4		3/4		3/4	3,501.69	3/4	3,241.04	3/4	2,980.39	3/4	2,719.74	3/4	2,459.09	3/4	2,198.44	3/4	1,677.15	3/4	1,416.50
9		9		9	3,496.26	9	3,235.61	9	2,974.96	9	2,714.31	9	2,453.66	9	2,193.01	9	1,671.72	9	1,411.07
1/4		1/4		1/4	3,490.83	1/4	3,230.18	1/4	2,969.53	1/4	2,708.88	1/4	2,448.23	1/4	2,187.58	1/4	1,666.29	1/4	1,405.64
1/2		1/2		1/2	3,485.40	1/2	3,224.75	1/2	2,964.10	1/2	2,703.45	1/2	2,442.80	1/2	2,182.15	1/2	1,660.85	1/2	1,400.21
3/4		3/4		3/4	3,479.97	3/4	3,219.32	3/4	2,958.67	3/4	2,698.02	3/4	2,437.37	3/4	2,176.72	3/4	1,655.42	3/4	1,394.78
10		10		10	3,474.54	10	3,213.89	10	2,953.24	10	2,692.59	10	2,431.94	10	2,171.29	10	1,649.99	10	1,389.34
1/4		1/4		1/4	3,469.11	1/4	3,208.46	1/4	2,947.81	1/4	2,687.16	1/4	2,426.51	1/4	2,165.86	1/4	1,644.56	1/4	1,383.91
1/2		1/2		1/2	3,463.68	1/2	3,203.03	1/2	2,942.38	1/2	2,681.73	1/2	2,421.08	1/2	2,160.43	1/2	1,639.13	1/2	1,378.48
3/4		3/4		3/4	3,458.25	3/4	3,197.60	3/4	2,936.95	3/4	2,676.30	3/4	2,415.65	3/4	2,155.00	3/4	1,633.70	3/4	1,373.05
11		11		11	3,452.82	11	3,192.17	11	2,931.52	11	2,670.87	11	2,410.22	11	2,149.57	11	1,628.27	11	1,367.62
1/4		1/4		1/4	3,447.39	1/4	3,186.74	1/4	2,926.09	1/4	2,665.44	1/4	2,404.79	1/4	2,144.14	1/4	1,622.84	1/4	1,362.19
1/2		1/2		1/2	3,441.96	1/2	3,181.31	1/2	2,920.66	1/2	2,660.01	1/2	2,399.36	1/2	2,138.71	1/2	1,617.41	1/2	1,356.76
3/4		3/4		3/4	3,436.53	3/4	3,175.88	3/4	2,915.23	3/4	2,654.58	3/4	2,393.93	3/4	2,133.28	3/4	1,611.98	3/4	1,351.33

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.

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 1105"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,345.90	0	1,085.25	0	824.62	0	564.38	0	303.74	0	43.81	0		0		0		0	
1/4	1,340.47	1/4	1,079.82	1/4	819.20	1/4	558.95	1/4	298.31	1/4	38.89	1/4		1/4		1/4		1/4	
1/2	1,335.04	1/2	1,074.39	1/2	813.78	1/2	553.52	1/2	292.88	1/2	33.97	1/2		1/2		1/2		1/2	
3/4	1,329.61	3/4	1,068.96	3/4	808.36	3/4	548.09	3/4	287.45	3/4	29.06	3/4		3/4		3/4		3/4	
1	1,324.18	1	1,063.53	1	802.94	1	542.66	1	282.02	1	24.14	1		1		1		1	
1/4	1,318.75	1/4	1,058.10	1/4	797.52	1/4	537.23	1/4	276.59	1/4	20.52	1/4		1/4		1/4		1/4	
1/2	1,313.32	1/2	1,052.67	1/2	792.10	1/2	531.80	1/2	271.16	1/2	16.91	1/2		1/2		1/2		1/2	
3/4	1,307.89	3/4	1,047.24	3/4	786.68	3/4	526.37	3/4	265.73	3/4	13.29	3/4		3/4		3/4		3/4	
2	1,302.46	2	1,041.81	2	781.26	2	520.94	2	260.30	2	9.67	2		2		2		2	
1/4	1,297.03	1/4	1,036.38	1/4	775.84	1/4	515.51	1/4	254.87	1/4	7.86	1/4		1/4		1/4		1/4	
1/2	1,291.60	1/2	1,030.95	1/2	770.42	1/2	510.08	1/2	249.44	1/2	6.05	1/2		1/2		1/2		1/2	
3/4	1,286.17	3/4	1,025.52	3/4	765.00	3/4	504.65	3/4	244.01	3/4	4.24	3/4		3/4		3/4		3/4	
3	1,280.74	3	1,020.09	3	759.58	3	499.22	3	238.58	3	2.43	3		3		3		3	
1/4	1,275.31	1/4	1,014.66	1/4	754.16	1/4	493.79	1/4	233.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,269.88	1/2	1,009.23	1/2	748.74	1/2	488.36	1/2	227.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,264.45	3/4	1,003.80	3/4	743.32	3/4	482.93	3/4	222.29	3/4		3/4		3/4		3/4		3/4	
4	1,259.02	4	998.37	4	737.90	4	477.50	4	216.86	4		4		4		4		4	
1/4	1,253.59	1/4	992.94	1/4	732.48	1/4	472.07	1/4	211.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,248.16	1/2	987.51	1/2	727.07	1/2	466.64	1/2	206.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,242.73	3/4	982.08	3/4	721.65	3/4	461.21	3/4	200.57	3/4		3/4		3/4		3/4		3/4	
5	1,237.30	5	976.65	5	716.23	5	455.78	5	195.14	5		5		5		5		5	
1/4	1,231.87	1/4	971.22	1/4	710.81	1/4	450.35	1/4	189.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,226.44	1/2	965.79	1/2	705.39	1/2	444.92	1/2	184.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,221.01	3/4	960.36	3/4	699.97	3/4	439.49	3/4	178.85	3/4		3/4		3/4		3/4		3/4	
6	1,215.58	6	954.93	6	694.55	6	434.06	6	173.42	6		6		6		6		6	
1/4	1,210.15	1/4	949.50	1/4	689.13	1/4	428.63	1/4	167.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,204.72	1/2	944.07	1/2	683.71	1/2	423.20	1/2	162.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,199.29	3/4	938.64	3/4	678.29	3/4	417.77	3/4	157.13	3/4		3/4		3/4		3/4		3/4	
7	1,193.86	7	933.21	7	672.87	7	412.34	7	151.70	7		7		7		7		7	
1/4	1,188.43	1/4	927.78	1/4	667.45	1/4	406.91	1/4	146.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,183.00	1/2	922.35	1/2	662.03	1/2	401.48	1/2	140.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,177.57	3/4	916.92	3/4	656.61	3/4	396.05	3/4	135.42	3/4		3/4		3/4		3/4		3/4	
8	1,172.14	8	911.49	8	651.19	8	390.62	8	130.00	8		8		8		8		8	
1/4	1,166.71	1/4	906.06	1/4	645.77	1/4	385.19	1/4	124.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,161.28	1/2	900.63	1/2	640.35	1/2	379.76	1/2	119.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,155.85	3/4	895.20	3/4	634.94	3/4	374.33	3/4	113.74	3/4		3/4		3/4		3/4		3/4	
9	1,150.42	9	889.77	9	629.52	9	368.90	9	108.32	9		9		9		9		9	
1/4	1,144.99	1/4	884.34	1/4	624.09	1/4	363.47	1/4	102.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,139.56	1/2	878.91	1/2	618.67	1/2	358.04	1/2	97.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,134.13	3/4	873.48	3/4	613.24	3/4	352.61	3/4	92.11	3/4		3/4		3/4		3/4		3/4	
10	1,128.70	10	868.05	10	607.82	10	347.18	10	86.70	10		10		10		10		10	
1/4	1,123.27	1/4	862.62	1/4	602.39	1/4	341.75	1/4	81.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,117.83	1/2	857.19	1/2	596.96	1/2	336.32	1/2	75.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,112.40	3/4	851.76	3/4	591.53	3/4	330.89	3/4	70.56	3/4		3/4		3/4		3/4		3/4	
11	1,106.97	11	846.32	11	586.10	11	325.46	11	65.18	11		11		11		11		11	
1/4	1,101.54	1/4	840.90	1/4	580.67	1/4	320.03	1/4	59.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,096.11	1/2	835.47	1/2	575.24	1/2	314.60	1/2	54.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,090.68	3/4	830.05	3/4	569.81	3/4	309.17	3/4	49.15	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

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