



# BARGE "IB 1105"

## INNAGE 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 INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

April 24, 2018

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1105"

# 1 CENTER INNAGE 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	6.10	0	275.27	0	571.97	0	864.73	0	1,159.20	0	1,455.72	0	1,751.87	0	2,048.56	0	2,345.25	0	2,641.93
1/4	8.16	1/4	281.45	1/4	578.15	1/4	870.76	1/4	1,165.38	1/4	1,461.89	1/4	1,758.05	1/4	2,054.74	1/4	2,351.43	1/4	2,648.11
1/2	10.23	1/2	287.63	1/2	584.34	1/2	876.79	1/2	1,171.55	1/2	1,468.06	1/2	1,764.23	1/2	2,060.93	1/2	2,357.61	1/2	2,654.29
3/4	12.29	3/4	293.81	3/4	590.52	3/4	882.81	3/4	1,177.73	3/4	1,474.22	3/4	1,770.41	3/4	2,067.11	3/4	2,363.79	3/4	2,660.47
1	14.36	1	299.99	1	596.70	1	888.84	1	1,183.91	1	1,480.39	1	1,776.60	1	2,073.29	1	2,369.97	1	2,666.65
1/4	18.48	1/4	306.18	1/4	602.88	1/4	894.87	1/4	1,190.09	1/4	1,486.56	1/4	1,782.78	1/4	2,079.47	1/4	2,376.15	1/4	2,672.83
1/2	22.61	1/2	312.36	1/2	609.06	1/2	900.90	1/2	1,196.27	1/2	1,492.72	1/2	1,788.96	1/2	2,085.65	1/2	2,382.33	1/2	2,679.01
3/4	26.73	3/4	318.54	3/4	615.24	3/4	906.93	3/4	1,202.44	3/4	1,498.89	3/4	1,795.14	3/4	2,091.83	3/4	2,388.51	3/4	2,685.19
2	30.85	2	324.72	2	621.42	2	912.96	2	1,208.62	2	1,505.06	2	1,801.32	2	2,098.01	2	2,394.69	2	2,691.38
1/4	36.46	1/4	330.90	1/4	627.60	1/4	918.99	1/4	1,214.80	1/4	1,511.22	1/4	1,807.50	1/4	2,104.19	1/4	2,400.87	1/4	2,697.56
1/2	42.07	1/2	337.08	1/2	633.79	1/2	925.03	1/2	1,220.98	1/2	1,517.39	1/2	1,813.68	1/2	2,110.37	1/2	2,407.05	1/2	2,703.74
3/4	47.68	3/4	343.26	3/4	639.97	3/4	931.06	3/4	1,227.16	3/4	1,523.56	3/4	1,819.86	3/4	2,116.56	3/4	2,413.23	3/4	2,709.92
3	53.29	3	349.45	3	646.15	3	937.09	3	1,233.33	3	1,529.72	3	1,826.04	3	2,122.74	3	2,419.41	3	2,716.10
1/4	59.38	1/4	355.63	1/4	652.33	1/4	943.19	1/4	1,239.51	1/4	1,535.89	1/4	1,832.22	1/4	2,128.92	1/4	2,425.59	1/4	2,722.28
1/2	65.48	1/2	361.81	1/2	658.51	1/2	949.29	1/2	1,245.69	1/2	1,542.06	1/2	1,838.41	1/2	2,135.10	1/2	2,431.77	1/2	2,728.46
3/4	71.57	3/4	367.99	3/4	664.69	3/4	955.40	3/4	1,251.87	3/4	1,548.22	3/4	1,844.59	3/4	2,141.28	3/4	2,437.95	3/4	2,734.64
4	77.66	4	374.17	4	670.87	4	961.50	4	1,258.05	4	1,554.39	4	1,850.77	4	2,147.46	4	2,444.13	4	2,740.82
1/4	83.80	1/4	380.35	1/4	677.06	1/4	967.68	1/4	1,264.22	1/4	1,560.56	1/4	1,856.95	1/4	2,153.64	1/4	2,450.31	1/4	2,747.01
1/2	89.94	1/2	386.53	1/2	683.24	1/2	973.86	1/2	1,270.40	1/2	1,566.72	1/2	1,863.13	1/2	2,159.82	1/2	2,456.49	1/2	2,753.19
3/4	96.08	3/4	392.72	3/4	689.42	3/4	980.04	3/4	1,276.58	3/4	1,572.89	3/4	1,869.31	3/4	2,166.00	3/4	2,462.68	3/4	2,759.37
5	102.21	5	398.90	5	695.60	5	986.21	5	1,282.76	5	1,579.06	5	1,875.49	5	2,172.19	5	2,468.86	5	2,765.55
1/4	108.38	1/4	405.08	1/4	701.70	1/4	992.39	1/4	1,288.94	1/4	1,585.22	1/4	1,881.67	1/4	2,178.37	1/4	2,475.04	1/4	2,771.73
1/2	114.54	1/2	411.26	1/2	707.81	1/2	998.57	1/2	1,295.11	1/2	1,591.39	1/2	1,887.85	1/2	2,184.55	1/2	2,481.22	1/2	2,777.91
3/4	120.71	3/4	417.44	3/4	713.92	3/4	1,004.75	3/4	1,301.29	3/4	1,597.56	3/4	1,894.04	3/4	2,190.73	3/4	2,487.40	3/4	2,784.09
6	126.87	6	423.62	6	720.02	6	1,010.93	6	1,307.47	6	1,603.72	6	1,900.22	6	2,196.91	6	2,493.58	6	2,790.27
1/4	133.05	1/4	429.80	1/4	726.05	1/4	1,017.10	1/4	1,313.65	1/4	1,609.89	1/4	1,906.40	1/4	2,203.09	1/4	2,499.76	1/4	2,796.45
1/2	139.23	1/2	435.98	1/2	732.08	1/2	1,023.28	1/2	1,319.83	1/2	1,616.06	1/2	1,912.58	1/2	2,209.27	1/2	2,505.94	1/2	2,802.64
3/4	145.40	3/4	442.17	3/4	738.11	3/4	1,029.46	3/4	1,326.00	3/4	1,622.23	3/4	1,918.76	3/4	2,215.45	3/4	2,512.12	3/4	2,808.82
7	151.58	7	448.35	7	744.14	7	1,035.64	7	1,332.18	7	1,628.39	7	1,924.94	7	2,221.63	7	2,518.31	7	2,815.00
1/4	157.76	1/4	454.53	1/4	750.17	1/4	1,041.82	1/4	1,338.36	1/4	1,634.56	1/4	1,931.12	1/4	2,227.82	1/4	2,524.49	1/4	2,821.18
1/2	163.95	1/2	460.71	1/2	756.20	1/2	1,047.99	1/2	1,344.54	1/2	1,640.73	1/2	1,937.30	1/2	2,234.00	1/2	2,530.67	1/2	2,827.36
3/4	170.13	3/4	466.89	3/4	762.23	3/4	1,054.17	3/4	1,350.72	3/4	1,646.89	3/4	1,943.48	3/4	2,240.18	3/4	2,536.85	3/4	2,833.54
8	176.31	8	473.07	8	768.26	8	1,060.35	8	1,356.89	8	1,653.06	8	1,949.67	8	2,246.36	8	2,543.03	8	2,839.72
1/4	182.50	1/4	479.25	1/4	774.29	1/4	1,066.53	1/4	1,363.07	1/4	1,659.23	1/4	1,955.85	1/4	2,252.54	1/4	2,549.21	1/4	2,845.90
1/2	188.68	1/2	485.43	1/2	780.31	1/2	1,072.71	1/2	1,369.25	1/2	1,665.39	1/2	1,962.03	1/2	2,258.72	1/2	2,555.39	1/2	2,852.08
3/4	194.87	3/4	491.62	3/4	786.34	3/4	1,078.88	3/4	1,375.43	3/4	1,671.56	3/4	1,968.21	3/4	2,264.90	3/4	2,561.57	3/4	2,858.27
9	201.05	9	497.80	9	792.37	9	1,085.06	9	1,381.61	9	1,677.73	9	1,974.39	9	2,271.08	9	2,567.75	9	2,864.45
1/4	207.24	1/4	503.98	1/4	798.40	1/4	1,091.24	1/4	1,387.78	1/4	1,683.90	1/4	1,980.57	1/4	2,277.26	1/4	2,573.93	1/4	2,870.17
1/2	213.43	1/2	510.16	1/2	804.43	1/2	1,097.42	1/2	1,393.96	1/2	1,690.07	1/2	1,986.75	1/2	2,283.44	1/2	2,580.12	1/2	2,875.90
3/4	219.62	3/4	516.34	3/4	810.46	3/4	1,103.60	3/4	1,400.14	3/4	1,696.25	3/4	1,992.93	3/4	2,289.62	3/4	2,586.30	3/4	2,881.63
10	225.80	10	522.52	10	816.49	10	1,109.77	10	1,406.32	10	1,702.42	10	1,999.11	10	2,295.80	10	2,592.48	10	2,887.36
1/4	231.99	1/4	528.70	1/4	822.52	1/4	1,115.95	1/4	1,412.50	1/4	1,708.60	1/4	2,005.30	1/4	2,301.98	1/4	2,598.66	1/4	2,892.64
1/2	238.17	1/2	534.89	1/2	828.55	1/2	1,122.13	1/2	1,418.67	1/2	1,714.78	1/2	2,011.48	1/2	2,308.16	1/2	2,604.84	1/2	2,897.92
3/4	244.36	3/4	541.07	3/4	834.58	3/4	1,128.31	3/4	1,424.85	3/4	1,720.97	3/4	2,017.66	3/4	2,314.34	3/4	2,611.02	3/4	2,903.20
11	250.54	11	547.25	11	840.61	11	1,134.49	11	1,431.03	11	1,727.15	11	2,023.84	11	2,320.52	11	2,617.20	11	2,908.48
1/4	256.72	1/4	553.43	1/4	846.64	1/4	1,140.66	1/4	1,437.20	1/4	1,733.33	1/4	2,030.02	1/4	2,326.70	1/4	2,623.38	1/4	2,913.77
1/2	262.90	1/2	559.61	1/2	852.67	1/2	1,146.84	1/2	1,443.38	1/2	1,739.51	1/2	2,036.20	1/2	2,332.89	1/2	2,629.56	1/2	2,919.06
3/4	269.09	3/4	565.79	3/4	858.70	3/4	1,153.02	3/4	1,449.55	3/4	1,745.69	3/4	2,042.38	3/4	2,339.07	3/4	2,635.75	3/4	2,924.34

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 INNAGE 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.  
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# BARGE "IB 1105"

## 1 CENTER INNAGE 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	2,929.63	0	3,183.41	0	3,437.18	0	3,690.96	0	3,943.33	0		0		0		0		0	
1/4	2,934.92	1/4	3,188.69	1/4	3,442.47	1/4	3,696.24	1/4	3,947.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,940.20	1/2	3,193.98	1/2	3,447.76	1/2	3,701.53	1/2	3,950.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,945.49	3/4	3,199.27	3/4	3,453.04	3/4	3,706.82	3/4	3,954.42	3/4		3/4		3/4		3/4		3/4	
1	2,950.78	1	3,204.55	1	3,458.33	1	3,712.11	1	3,958.12	1		1		1		1		1	
1/4	2,956.06	1/4	3,209.84	1/4	3,463.62	1/4	3,717.39	1/4	3,960.24	1/4		1/4		1/4		1/4		1/4	
1/2	2,961.35	1/2	3,215.13	1/2	3,468.90	1/2	3,722.68	1/2	3,962.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,966.64	3/4	3,220.41	3/4	3,474.19	3/4	3,727.97	3/4	3,964.50	3/4		3/4		3/4		3/4		3/4	
2	2,971.93	2	3,225.70	2	3,479.48	2	3,733.25	2	3,966.62	2		2		2		2		2	
1/4	2,977.21	1/4	3,230.99	1/4	3,484.76	1/4	3,738.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,982.50	1/2	3,236.28	1/2	3,490.05	1/2	3,743.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,987.79	3/4	3,241.56	3/4	3,495.34	3/4	3,749.11	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,993.07	3	3,246.85	3	3,500.63	3	3,754.40	3		3		3		3		3		3	
1/4	2,998.36	1/4	3,252.14	1/4	3,505.91	1/4	3,759.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,003.65	1/2	3,257.42	1/2	3,511.20	1/2	3,764.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,008.93	3/4	3,262.71	3/4	3,516.49	3/4	3,770.26	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,014.22	4	3,268.00	4	3,521.77	4	3,775.55	4		4		4		4		4		4	
1/4	3,019.51	1/4	3,273.28	1/4	3,527.06	1/4	3,780.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,024.80	1/2	3,278.57	1/2	3,532.35	1/2	3,786.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,030.08	3/4	3,283.86	3/4	3,537.63	3/4	3,791.41	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,035.37	5	3,289.15	5	3,542.92	5	3,796.70	5		5		5		5		5		5	
1/4	3,040.66	1/4	3,294.43	1/4	3,548.21	1/4	3,801.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,045.94	1/2	3,299.72	1/2	3,553.50	1/2	3,807.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,051.23	3/4	3,305.01	3/4	3,558.78	3/4	3,812.56	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,056.52	6	3,310.29	6	3,564.07	6	3,817.85	6		6		6		6		6		6	
1/4	3,061.80	1/4	3,315.58	1/4	3,569.36	1/4	3,823.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,067.09	1/2	3,320.87	1/2	3,574.64	1/2	3,828.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,072.38	3/4	3,326.15	3/4	3,579.93	3/4	3,833.71	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,077.67	7	3,331.44	7	3,585.22	7	3,838.99	7		7		7		7		7		7	
1/4	3,082.95	1/4	3,336.73	1/4	3,590.50	1/4	3,844.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,088.24	1/2	3,342.02	1/2	3,595.79	1/2	3,849.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,093.53	3/4	3,347.30	3/4	3,601.08	3/4	3,854.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,098.81	8	3,352.59	8	3,606.37	8	3,860.14	8		8		8		8		8		8	
1/4	3,104.10	1/4	3,357.88	1/4	3,611.65	1/4	3,865.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,109.39	1/2	3,363.16	1/2	3,616.94	1/2	3,870.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,114.67	3/4	3,368.45	3/4	3,622.23	3/4	3,876.00	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,119.96	9	3,373.74	9	3,627.51	9	3,881.28	9		9		9		9		9		9	
1/4	3,125.25	1/4	3,379.02	1/4	3,632.80	1/4	3,886.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,130.54	1/2	3,384.31	1/2	3,638.09	1/2	3,891.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,135.82	3/4	3,389.60	3/4	3,643.37	3/4	3,897.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,141.11	10	3,394.89	10	3,648.66	10	3,902.41	10		10		10		10		10		10	
1/4	3,146.40	1/4	3,400.17	1/4	3,653.95	1/4	3,907.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,151.68	1/2	3,405.46	1/2	3,659.24	1/2	3,912.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,156.97	3/4	3,410.75	3/4	3,664.52	3/4	3,918.20	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,162.26	11	3,416.03	11	3,669.81	11	3,923.46	11		11		11		11		11		11	
1/4	3,167.54	1/4	3,421.32	1/4	3,675.10	1/4	3,928.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,172.83	1/2	3,426.61	1/2	3,680.38	1/2	3,933.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,178.12	3/4	3,431.89	3/4	3,685.67	3/4	3,938.36	3/4		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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/2"

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	2.45	0	240.34	0	502.90	0	761.57	0	1,022.06	0	1,284.64	0	1,547.21	0	1,809.78	0	2,072.36	0	2,334.93
1/4	4.27	1/4	245.81	1/4	508.37	1/4	766.89	1/4	1,027.53	1/4	1,290.11	1/4	1,552.68	1/4	1,815.25	1/4	2,077.83	1/4	2,340.40
1/2	6.09	1/2	251.28	1/2	513.84	1/2	772.21	1/2	1,033.00	1/2	1,295.58	1/2	1,558.15	1/2	1,820.73	1/2	2,083.30	1/2	2,345.87
3/4	7.92	3/4	256.75	3/4	519.31	3/4	777.53	3/4	1,038.47	3/4	1,301.05	3/4	1,563.62	3/4	1,826.20	3/4	2,088.77	3/4	2,351.34
1	9.74	1	262.22	1	524.78	1	782.85	1	1,043.94	1	1,306.52	1	1,569.09	1	1,831.67	1	2,094.24	1	2,356.81
1/4	13.38	1/4	267.69	1/4	530.25	1/4	788.18	1/4	1,049.41	1/4	1,311.99	1/4	1,574.56	1/4	1,837.14	1/4	2,099.71	1/4	2,362.28
1/2	17.03	1/2	273.16	1/2	535.72	1/2	793.50	1/2	1,054.88	1/2	1,317.46	1/2	1,580.03	1/2	1,842.61	1/2	2,105.18	1/2	2,367.76
3/4	20.67	3/4	278.63	3/4	541.19	3/4	798.82	3/4	1,060.35	3/4	1,322.93	3/4	1,585.50	3/4	1,848.08	3/4	2,110.65	3/4	2,373.23
2	24.31	2	284.10	2	546.66	2	804.14	2	1,065.82	2	1,328.40	2	1,590.97	2	1,853.55	2	2,116.12	2	2,378.70
1/4	29.26	1/4	289.57	1/4	552.13	1/4	809.46	1/4	1,071.29	1/4	1,333.87	1/4	1,596.44	1/4	1,859.02	1/4	2,121.59	1/4	2,384.17
1/2	34.22	1/2	295.04	1/2	557.60	1/2	814.78	1/2	1,076.76	1/2	1,339.34	1/2	1,601.91	1/2	1,864.49	1/2	2,127.06	1/2	2,389.64
3/4	39.17	3/4	300.51	3/4	563.07	3/4	820.11	3/4	1,082.23	3/4	1,344.81	3/4	1,607.38	3/4	1,869.96	3/4	2,132.53	3/4	2,395.11
3	44.13	3	305.98	3	568.54	3	825.43	3	1,087.70	3	1,350.28	3	1,612.85	3	1,875.43	3	2,138.00	3	2,400.58
1/4	49.51	1/4	311.45	1/4	574.01	1/4	830.82	1/4	1,093.18	1/4	1,355.75	1/4	1,618.32	1/4	1,880.90	1/4	2,143.47	1/4	2,406.05
1/2	54.89	1/2	316.92	1/2	579.48	1/2	836.22	1/2	1,098.65	1/2	1,361.22	1/2	1,623.79	1/2	1,886.37	1/2	2,148.94	1/2	2,411.52
3/4	60.27	3/4	322.39	3/4	584.95	3/4	841.62	3/4	1,104.12	3/4	1,366.69	3/4	1,629.26	3/4	1,891.84	3/4	2,154.41	3/4	2,416.99
4	65.65	4	327.86	4	590.42	4	847.01	4	1,109.59	4	1,372.16	4	1,634.73	4	1,897.31	4	2,159.88	4	2,422.46
1/4	71.07	1/4	333.33	1/4	595.89	1/4	852.48	1/4	1,115.06	1/4	1,377.63	1/4	1,640.21	1/4	1,902.78	1/4	2,165.35	1/4	2,427.93
1/2	76.50	1/2	338.80	1/2	601.36	1/2	857.95	1/2	1,120.53	1/2	1,383.10	1/2	1,645.68	1/2	1,908.25	1/2	2,170.82	1/2	2,433.40
3/4	81.92	3/4	344.27	3/4	606.83	3/4	863.42	3/4	1,126.00	3/4	1,388.57	3/4	1,651.15	3/4	1,913.72	3/4	2,176.29	3/4	2,438.87
5	87.34	5	349.74	5	612.30	5	868.89	5	1,131.47	5	1,394.04	5	1,656.62	5	1,919.19	5	2,181.76	5	2,444.34
1/4	92.78	1/4	355.21	1/4	617.70	1/4	874.36	1/4	1,136.94	1/4	1,399.51	1/4	1,662.09	1/4	1,924.66	1/4	2,187.24	1/4	2,449.81
1/2	98.23	1/2	360.68	1/2	623.09	1/2	879.83	1/2	1,142.41	1/2	1,404.98	1/2	1,667.56	1/2	1,930.13	1/2	2,192.71	1/2	2,455.28
3/4	103.67	3/4	366.15	3/4	628.49	3/4	885.30	3/4	1,147.88	3/4	1,410.45	3/4	1,673.03	3/4	1,935.60	3/4	2,198.18	3/4	2,460.75
6	109.12	6	371.62	6	633.88	6	890.77	6	1,153.35	6	1,415.92	6	1,678.50	6	1,941.07	6	2,203.65	6	2,466.22
1/4	114.58	1/4	377.09	1/4	639.20	1/4	896.24	1/4	1,158.82	1/4	1,421.39	1/4	1,683.97	1/4	1,946.54	1/4	2,209.12	1/4	2,471.69
1/2	120.03	1/2	382.56	1/2	644.52	1/2	901.71	1/2	1,164.29	1/2	1,426.86	1/2	1,689.44	1/2	1,952.01	1/2	2,214.59	1/2	2,477.16
3/4	125.49	3/4	388.03	3/4	649.84	3/4	907.19	3/4	1,169.76	3/4	1,432.33	3/4	1,694.91	3/4	1,957.48	3/4	2,220.06	3/4	2,482.63
7	130.95	7	393.50	7	655.16	7	912.66	7	1,175.23	7	1,437.80	7	1,700.38	7	1,962.95	7	2,225.53	7	2,488.10
1/4	136.42	1/4	398.97	1/4	660.48	1/4	918.13	1/4	1,180.70	1/4	1,443.27	1/4	1,705.85	1/4	1,968.42	1/4	2,231.00	1/4	2,493.57
1/2	141.88	1/2	404.44	1/2	665.80	1/2	923.60	1/2	1,186.17	1/2	1,448.74	1/2	1,711.32	1/2	1,973.89	1/2	2,236.47	1/2	2,499.04
3/4	147.35	3/4	409.91	3/4	671.12	3/4	929.07	3/4	1,191.64	3/4	1,454.22	3/4	1,716.79	3/4	1,979.36	3/4	2,241.94	3/4	2,504.51
8	152.82	8	415.38	8	676.44	8	934.54	8	1,197.11	8	1,459.69	8	1,722.26	8	1,984.83	8	2,247.41	8	2,509.98
1/4	158.29	1/4	420.85	1/4	681.77	1/4	940.01	1/4	1,202.58	1/4	1,465.16	1/4	1,727.73	1/4	1,990.30	1/4	2,252.88	1/4	2,515.45
1/2	163.76	1/2	426.32	1/2	687.09	1/2	945.48	1/2	1,208.05	1/2	1,470.63	1/2	1,733.20	1/2	1,995.77	1/2	2,258.35	1/2	2,520.92
3/4	169.23	3/4	431.79	3/4	692.41	3/4	950.95	3/4	1,213.52	3/4	1,476.10	3/4	1,738.67	3/4	2,001.24	3/4	2,263.82	3/4	2,526.39
9	174.69	9	437.26	9	697.73	9	956.42	9	1,218.99	9	1,481.57	9	1,744.14	9	2,006.72	9	2,269.29	9	2,531.86
1/4	180.16	1/4	442.73	1/4	703.05	1/4	961.89	1/4	1,224.46	1/4	1,487.04	1/4	1,749.61	1/4	2,012.19	1/4	2,274.76	1/4	2,537.33
1/2	185.63	1/2	448.20	1/2	708.37	1/2	967.36	1/2	1,229.93	1/2	1,492.51	1/2	1,755.08	1/2	2,017.66	1/2	2,280.23	1/2	2,542.80
3/4	191.10	3/4	453.67	3/4	713.69	3/4	972.83	3/4	1,235.40	3/4	1,497.98	3/4	1,760.55	3/4	2,023.13	3/4	2,285.70	3/4	2,548.27
10	196.57	10	459.14	10	719.01	10	978.30	10	1,240.87	10	1,503.45	10	1,766.02	10	2,028.60	10	2,291.17	10	2,553.75
1/4	202.04	1/4	464.61	1/4	724.33	1/4	983.77	1/4	1,246.34	1/4	1,508.92	1/4	1,771.49	1/4	2,034.07	1/4	2,296.64	1/4	2,559.22
1/2	207.51	1/2	470.08	1/2	729.65	1/2	989.24	1/2	1,251.81	1/2	1,514.39	1/2	1,776.96	1/2	2,039.54	1/2	2,302.11	1/2	2,564.69
3/4	212.98	3/4	475.55	3/4	734.97	3/4	994.71	3/4	1,257.28	3/4	1,519.86	3/4	1,782.43	3/4	2,045.01	3/4	2,307.58	3/4	2,570.16
11	218.45	11	481.02	11	740.29	11	1,000.18	11	1,262.75	11	1,525.33	11	1,787.90	11	2,050.48	11	2,313.05	11	2,575.63
1/4	223.93	1/4	486.49	1/4	745.61	1/4	1,005.65	1/4	1,268.22	1/4	1,530.80	1/4	1,793.37	1/4	2,055.95	1/4	2,318.52	1/4	2,581.10
1/2	229.40	1/2	491.96	1/2	750.93	1/2	1,011.12	1/2	1,273.70	1/2	1,536.27	1/2	1,798.84	1/2	2,061.42	1/2	2,323.99	1/2	2,586.57
3/4	234.87	3/4	497.43	3/4	756.25	3/4	1,016.59	3/4	1,279.17	3/4	1,541.74	3/4	1,804.31	3/4	2,066.89	3/4	2,329.46	3/4	2,592.04

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 INNAGE 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 1105"

## 2 CENTER INNAGE 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	2,597.51	0	2,860.08	0	3,122.66	0	3,385.23	0	3,646.56	0		0		0		0		0	
1/4	2,602.98	1/4	2,865.55	1/4	3,128.13	1/4	3,390.70	1/4	3,650.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,608.45	1/2	2,871.02	1/2	3,133.60	1/2	3,396.17	1/2	3,654.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,613.92	3/4	2,876.49	3/4	3,139.07	3/4	3,401.64	3/4	3,658.76	3/4		3/4		3/4		3/4		3/4	
1	2,619.39	1	2,881.96	1	3,144.54	1	3,407.11	1	3,662.82	1		1		1		1		1	
1/4	2,624.86	1/4	2,887.43	1/4	3,150.01	1/4	3,412.58	1/4	3,665.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,630.33	1/2	2,892.90	1/2	3,155.48	1/2	3,418.05	1/2	3,667.38	1/2		1/2		1/2		1/2		1/2	
3/4	2,635.80	3/4	2,898.37	3/4	3,160.95	3/4	3,423.52	3/4	3,669.66	3/4		3/4		3/4		3/4		3/4	
2	2,641.27	2	2,903.84	2	3,166.42	2	3,428.99	2	3,671.94	2		2		2		2		2	
1/4	2,646.74	1/4	2,909.31	1/4	3,171.89	1/4	3,434.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,652.21	1/2	2,914.79	1/2	3,177.36	1/2	3,439.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,657.68	3/4	2,920.26	3/4	3,182.83	3/4	3,445.40	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,663.15	3	2,925.73	3	3,188.30	3	3,450.87	3		3		3		3		3		3	
1/4	2,668.62	1/4	2,931.20	1/4	3,193.77	1/4	3,456.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,674.09	1/2	2,936.67	1/2	3,199.24	1/2	3,461.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,679.56	3/4	2,942.14	3/4	3,204.71	3/4	3,467.29	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,685.03	4	2,947.61	4	3,210.18	4	3,472.76	4		4		4		4		4		4	
1/4	2,690.50	1/4	2,953.08	1/4	3,215.65	1/4	3,478.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,695.97	1/2	2,958.55	1/2	3,221.12	1/2	3,483.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,701.44	3/4	2,964.02	3/4	3,226.59	3/4	3,489.17	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,706.91	5	2,969.49	5	3,232.06	5	3,494.64	5		5		5		5		5		5	
1/4	2,712.38	1/4	2,974.96	1/4	3,237.53	1/4	3,500.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,717.85	1/2	2,980.43	1/2	3,243.00	1/2	3,505.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,723.32	3/4	2,985.90	3/4	3,248.47	3/4	3,511.05	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,728.79	6	2,991.37	6	3,253.94	6	3,516.52	6		6		6		6		6		6	
1/4	2,734.27	1/4	2,996.84	1/4	3,259.41	1/4	3,521.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,739.74	1/2	3,002.31	1/2	3,264.88	1/2	3,527.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,745.21	3/4	3,007.78	3/4	3,270.35	3/4	3,532.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,750.68	7	3,013.25	7	3,275.82	7	3,538.40	7		7		7		7		7		7	
1/4	2,756.15	1/4	3,018.72	1/4	3,281.30	1/4	3,543.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,761.62	1/2	3,024.19	1/2	3,286.77	1/2	3,549.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,767.09	3/4	3,029.66	3/4	3,292.24	3/4	3,554.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,772.56	8	3,035.13	8	3,297.71	8	3,560.28	8		8		8		8		8		8	
1/4	2,778.03	1/4	3,040.60	1/4	3,303.18	1/4	3,565.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,783.50	1/2	3,046.07	1/2	3,308.65	1/2	3,571.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,788.97	3/4	3,051.54	3/4	3,314.12	3/4	3,576.68	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,794.44	9	3,057.01	9	3,319.59	9	3,582.15	9		9		9		9		9		9	
1/4	2,799.91	1/4	3,062.48	1/4	3,325.06	1/4	3,587.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,805.38	1/2	3,067.95	1/2	3,330.53	1/2	3,593.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,810.85	3/4	3,073.42	3/4	3,336.00	3/4	3,598.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,816.32	10	3,078.89	10	3,341.47	10	3,604.01	10		10		10		10		10		10	
1/4	2,821.79	1/4	3,084.36	1/4	3,346.94	1/4	3,609.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,827.26	1/2	3,089.83	1/2	3,352.41	1/2	3,614.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,832.73	3/4	3,095.30	3/4	3,357.88	3/4	3,620.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,838.20	11	3,100.78	11	3,363.35	11	3,625.81	11		11		11		11		11		11	
1/4	2,843.67	1/4	3,106.25	1/4	3,368.82	1/4	3,631.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,849.14	1/2	3,111.72	1/2	3,374.29	1/2	3,636.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,854.61	3/4	3,117.19	3/4	3,379.76	3/4	3,641.38	3/4		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 INNAGE 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	2.43	0	238.58	0	499.22	0	759.58	0	1,020.09	0	1,280.74	0	1,541.39	0	1,802.04	0	2,062.69	0	2,323.34
1/4	4.24	1/4	244.01	1/4	504.65	1/4	765.00	1/4	1,025.52	1/4	1,286.17	1/4	1,546.82	1/4	1,807.47	1/4	2,068.12	1/4	2,328.77
1/2	6.05	1/2	249.44	1/2	510.08	1/2	770.42	1/2	1,030.95	1/2	1,291.60	1/2	1,552.25	1/2	1,812.90	1/2	2,073.55	1/2	2,334.20
3/4	7.86	3/4	254.87	3/4	515.51	3/4	775.84	3/4	1,036.38	3/4	1,297.03	3/4	1,557.68	3/4	1,818.33	3/4	2,078.98	3/4	2,339.63
1	9.67	1	260.30	1	520.94	1	781.26	1	1,041.81	1	1,302.46	1	1,563.11	1	1,823.76	1	2,084.41	1	2,345.06
1/4	13.29	1/4	265.73	1/4	526.37	1/4	786.68	1/4	1,047.24	1/4	1,307.89	1/4	1,568.54	1/4	1,829.19	1/4	2,089.84	1/4	2,350.49
1/2	16.91	1/2	271.16	1/2	531.80	1/2	792.10	1/2	1,052.67	1/2	1,313.32	1/2	1,573.97	1/2	1,834.62	1/2	2,095.27	1/2	2,355.92
3/4	20.52	3/4	276.59	3/4	537.23	3/4	797.52	3/4	1,058.10	3/4	1,318.75	3/4	1,579.40	3/4	1,840.05	3/4	2,100.70	3/4	2,361.35
2	24.14	2	282.02	2	542.66	2	802.94	2	1,063.53	2	1,324.18	2	1,584.83	2	1,845.48	2	2,106.13	2	2,366.78
1/4	29.06	1/4	287.45	1/4	548.09	1/4	808.36	1/4	1,068.96	1/4	1,329.61	1/4	1,590.26	1/4	1,850.91	1/4	2,111.56	1/4	2,372.21
1/2	33.97	1/2	292.88	1/2	553.52	1/2	813.78	1/2	1,074.39	1/2	1,335.04	1/2	1,595.69	1/2	1,856.34	1/2	2,116.99	1/2	2,377.64
3/4	38.89	3/4	298.31	3/4	558.95	3/4	819.20	3/4	1,079.82	3/4	1,340.47	3/4	1,601.12	3/4	1,861.77	3/4	2,122.42	3/4	2,383.07
3	43.81	3	303.74	3	564.38	3	824.62	3	1,085.25	3	1,345.90	3	1,606.55	3	1,867.20	3	2,127.85	3	2,388.50
1/4	49.15	1/4	309.17	1/4	569.81	1/4	830.05	1/4	1,090.68	1/4	1,351.33	1/4	1,611.98	1/4	1,872.63	1/4	2,133.28	1/4	2,393.93
1/2	54.49	1/2	314.60	1/2	575.24	1/2	835.47	1/2	1,096.11	1/2	1,356.76	1/2	1,617.41	1/2	1,878.06	1/2	2,138.71	1/2	2,399.36
3/4	59.84	3/4	320.03	3/4	580.67	3/4	840.90	3/4	1,101.54	3/4	1,362.19	3/4	1,622.84	3/4	1,883.49	3/4	2,144.14	3/4	2,404.79
4	65.18	4	325.46	4	586.10	4	846.32	4	1,106.97	4	1,367.62	4	1,628.27	4	1,888.92	4	2,149.57	4	2,410.22
1/4	70.56	1/4	330.89	1/4	591.53	1/4	851.76	1/4	1,112.40	1/4	1,373.05	1/4	1,633.70	1/4	1,894.35	1/4	2,155.00	1/4	2,415.65
1/2	75.94	1/2	336.32	1/2	596.96	1/2	857.19	1/2	1,117.83	1/2	1,378.48	1/2	1,639.13	1/2	1,899.78	1/2	2,160.43	1/2	2,421.08
3/4	81.32	3/4	341.75	3/4	602.39	3/4	862.62	3/4	1,123.27	3/4	1,383.91	3/4	1,644.56	3/4	1,905.21	3/4	2,165.86	3/4	2,426.51
5	86.70	5	347.18	5	607.82	5	868.05	5	1,128.70	5	1,389.34	5	1,649.99	5	1,910.64	5	2,171.29	5	2,431.94
1/4	92.11	1/4	352.61	1/4	613.24	1/4	873.48	1/4	1,134.13	1/4	1,394.78	1/4	1,655.42	1/4	1,916.07	1/4	2,176.72	1/4	2,437.37
1/2	97.51	1/2	358.04	1/2	618.67	1/2	878.91	1/2	1,139.56	1/2	1,400.21	1/2	1,660.85	1/2	1,921.50	1/2	2,182.15	1/2	2,442.80
3/4	102.92	3/4	363.47	3/4	624.09	3/4	884.34	3/4	1,144.99	3/4	1,405.64	3/4	1,666.29	3/4	1,926.93	3/4	2,187.58	3/4	2,448.23
6	108.32	6	368.90	6	629.52	6	889.77	6	1,150.42	6	1,411.07	6	1,671.72	6	1,932.36	6	2,193.01	6	2,453.66
1/4	113.74	1/4	374.33	1/4	634.94	1/4	895.20	1/4	1,155.85	1/4	1,416.50	1/4	1,677.15	1/4	1,937.80	1/4	2,198.44	1/4	2,459.09
1/2	119.16	1/2	379.76	1/2	640.35	1/2	900.63	1/2	1,161.28	1/2	1,421.93	1/2	1,682.58	1/2	1,943.23	1/2	2,203.87	1/2	2,464.52
3/4	124.58	3/4	385.19	3/4	645.77	3/4	906.06	3/4	1,166.71	3/4	1,427.36	3/4	1,688.01	3/4	1,948.66	3/4	2,209.31	3/4	2,469.95
7	130.00	7	390.62	7	651.19	7	911.49	7	1,172.14	7	1,432.79	7	1,693.44	7	1,954.09	7	2,214.74	7	2,475.38
1/4	135.42	1/4	396.05	1/4	656.61	1/4	916.92	1/4	1,177.57	1/4	1,438.22	1/4	1,698.87	1/4	1,959.52	1/4	2,220.17	1/4	2,480.82
1/2	140.85	1/2	401.48	1/2	662.03	1/2	922.35	1/2	1,183.00	1/2	1,443.65	1/2	1,704.30	1/2	1,964.95	1/2	2,225.60	1/2	2,486.25
3/4	146.28	3/4	406.91	3/4	667.45	3/4	927.78	3/4	1,188.43	3/4	1,449.08	3/4	1,709.73	3/4	1,970.38	3/4	2,231.03	3/4	2,491.68
8	151.70	8	412.34	8	672.87	8	933.21	8	1,193.86	8	1,454.51	8	1,715.16	8	1,975.81	8	2,236.46	8	2,497.11
1/4	157.13	1/4	417.77	1/4	678.29	1/4	938.64	1/4	1,199.29	1/4	1,459.94	1/4	1,720.59	1/4	1,981.24	1/4	2,241.89	1/4	2,502.54
1/2	162.56	1/2	423.20	1/2	683.71	1/2	944.07	1/2	1,204.72	1/2	1,465.37	1/2	1,726.02	1/2	1,986.67	1/2	2,247.32	1/2	2,507.97
3/4	167.99	3/4	428.63	3/4	689.13	3/4	949.50	3/4	1,210.15	3/4	1,470.80	3/4	1,731.45	3/4	1,992.10	3/4	2,252.75	3/4	2,513.40
9	173.42	9	434.06	9	694.55	9	954.93	9	1,215.58	9	1,476.23	9	1,736.88	9	1,997.53	9	2,258.18	9	2,518.83
1/4	178.85	1/4	439.49	1/4	699.97	1/4	960.36	1/4	1,221.01	1/4	1,481.66	1/4	1,742.31	1/4	2,002.96	1/4	2,263.61	1/4	2,524.26
1/2	184.28	1/2	444.92	1/2	705.39	1/2	965.79	1/2	1,226.44	1/2	1,487.09	1/2	1,747.74	1/2	2,008.39	1/2	2,269.04	1/2	2,529.69
3/4	189.71	3/4	450.35	3/4	710.81	3/4	971.22	3/4	1,231.87	3/4	1,492.52	3/4	1,753.17	3/4	2,013.82	3/4	2,274.47	3/4	2,535.12
10	195.14	10	455.78	10	716.23	10	976.65	10	1,237.30	10	1,497.95	10	1,758.60	10	2,019.25	10	2,279.90	10	2,540.55
1/4	200.57	1/4	461.21	1/4	721.65	1/4	982.08	1/4	1,242.73	1/4	1,503.38	1/4	1,764.03	1/4	2,024.68	1/4	2,285.33	1/4	2,545.98
1/2	206.00	1/2	466.64	1/2	727.07	1/2	987.51	1/2	1,248.16	1/2	1,508.81	1/2	1,769.46	1/2	2,030.11	1/2	2,290.76	1/2	2,551.41
3/4	211.43	3/4	472.07	3/4	732.48	3/4	992.94	3/4	1,253.59	3/4	1,514.24	3/4	1,774.89	3/4	2,035.54	3/4	2,296.19	3/4	2,556.84
11	216.86	11	477.50	11	737.90	11	998.37	11	1,259.02	11	1,519.67	11	1,780.32	11	2,040.97	11	2,301.62	11	2,562.27
1/4	222.29	1/4	482.93	1/4	743.32	1/4	1,003.80	1/4	1,264.45	1/4	1,525.10	1/4	1,785.75	1/4	2,046.40	1/4	2,307.05	1/4	2,567.70
1/2	227.72	1/2	488.36	1/2	748.74	1/2	1,009.23	1/2	1,269.88	1/2	1,530.53	1/2	1,791.18	1/2	2,051.83	1/2	2,312.48	1/2	2,573.13
3/4	233.15	3/4	493.79	3/4	754.16	3/4	1,014.66	3/4	1,275.31	3/4	1,535.96	3/4	1,796.61	3/4	2,057.26	3/4	2,317.91	3/4	2,578.56

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 INNAGE 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  
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# BARGE "IB 1105"

## 3 CENTER INNAGE 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	2,583.99	0	2,844.64	0	3,105.29	0	3,365.94	0	3,625.36	0		0		0		0		0	
1/4	2,589.42	1/4	2,850.07	1/4	3,110.72	1/4	3,371.37	1/4	3,629.40	1/4		1/4		1/4		1/4		1/4	
1/2	2,594.85	1/2	2,855.50	1/2	3,116.15	1/2	3,376.80	1/2	3,633.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,600.28	3/4	2,860.93	3/4	3,121.58	3/4	3,382.23	3/4	3,637.47	3/4		3/4		3/4		3/4		3/4	
1	2,605.71	1	2,866.36	1	3,127.01	1	3,387.66	1	3,641.50	1		1		1		1		1	
1/4	2,611.14	1/4	2,871.79	1/4	3,132.44	1/4	3,393.09	1/4	3,643.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,616.57	1/2	2,877.22	1/2	3,137.87	1/2	3,398.52	1/2	3,646.03	1/2		1/2		1/2		1/2		1/2	
3/4	2,622.00	3/4	2,882.65	3/4	3,143.30	3/4	3,403.95	3/4	3,648.29	3/4		3/4		3/4		3/4		3/4	
2	2,627.43	2	2,888.08	2	3,148.73	2	3,409.38	2	3,650.55	2		2		2		2		2	
1/4	2,632.86	1/4	2,893.51	1/4	3,154.16	1/4	3,414.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,638.29	1/2	2,898.94	1/2	3,159.59	1/2	3,420.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,643.72	3/4	2,904.37	3/4	3,165.02	3/4	3,425.67	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,649.15	3	2,909.80	3	3,170.45	3	3,431.10	3		3		3		3		3		3	
1/4	2,654.58	1/4	2,915.23	1/4	3,175.88	1/4	3,436.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,660.01	1/2	2,920.66	1/2	3,181.31	1/2	3,441.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,665.44	3/4	2,926.09	3/4	3,186.74	3/4	3,447.39	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,670.87	4	2,931.52	4	3,192.17	4	3,452.82	4		4		4		4		4		4	
1/4	2,676.30	1/4	2,936.95	1/4	3,197.60	1/4	3,458.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,681.73	1/2	2,942.38	1/2	3,203.03	1/2	3,463.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,687.16	3/4	2,947.81	3/4	3,208.46	3/4	3,469.11	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,692.59	5	2,953.24	5	3,213.89	5	3,474.54	5		5		5		5		5		5	
1/4	2,698.02	1/4	2,958.67	1/4	3,219.32	1/4	3,479.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,703.45	1/2	2,964.10	1/2	3,224.75	1/2	3,485.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,708.88	3/4	2,969.53	3/4	3,230.18	3/4	3,490.83	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,714.31	6	2,974.96	6	3,235.61	6	3,496.26	6		6		6		6		6		6	
1/4	2,719.74	1/4	2,980.39	1/4	3,241.04	1/4	3,501.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,725.17	1/2	2,985.82	1/2	3,246.47	1/2	3,507.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,730.60	3/4	2,991.25	3/4	3,251.90	3/4	3,512.55	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,736.03	7	2,996.68	7	3,257.33	7	3,517.98	7		7		7		7		7		7	
1/4	2,741.46	1/4	3,002.11	1/4	3,262.76	1/4	3,523.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,746.89	1/2	3,007.54	1/2	3,268.19	1/2	3,528.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,752.33	3/4	3,012.97	3/4	3,273.62	3/4	3,534.27	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,757.76	8	3,018.40	8	3,279.05	8	3,539.70	8		8		8		8		8		8	
1/4	2,763.19	1/4	3,023.84	1/4	3,284.48	1/4	3,545.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,768.62	1/2	3,029.27	1/2	3,289.91	1/2	3,550.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,774.05	3/4	3,034.70	3/4	3,295.35	3/4	3,555.99	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,779.48	9	3,040.13	9	3,300.78	9	3,561.42	9		9		9		9		9		9	
1/4	2,784.91	1/4	3,045.56	1/4	3,306.21	1/4	3,566.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,790.34	1/2	3,050.99	1/2	3,311.64	1/2	3,572.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,795.77	3/4	3,056.42	3/4	3,317.07	3/4	3,577.70	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,801.20	10	3,061.85	10	3,322.50	10	3,583.12	10		10		10		10		10		10	
1/4	2,806.63	1/4	3,067.28	1/4	3,327.93	1/4	3,588.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,812.06	1/2	3,072.71	1/2	3,333.36	1/2	3,593.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,817.49	3/4	3,078.14	3/4	3,338.79	3/4	3,599.35	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,822.92	11	3,083.57	11	3,344.22	11	3,604.76	11		11		11		11		11		11	
1/4	2,828.35	1/4	3,089.00	1/4	3,349.65	1/4	3,609.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,833.78	1/2	3,094.43	1/2	3,355.08	1/2	3,615.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,839.21	3/4	3,099.86	3/4	3,360.51	3/4	3,620.21	3/4		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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