



# BARGE "IB 1113"

## 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"

June 19, 2018

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
 P.O. Box 2092  
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# BARGE "IB 1113"

## 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	275.26	0	571.96	0	864.70	0	1,159.16	0	1,455.68	0	1,751.82	0	2,048.50	0	2,345.18	0	2,641.85
1/4	8.16	1/4	281.44	1/4	578.14	1/4	870.73	1/4	1,165.34	1/4	1,461.85	1/4	1,758.00	1/4	2,054.68	1/4	2,351.36	1/4	2,648.03
1/2	10.23	1/2	287.62	1/2	584.32	1/2	876.76	1/2	1,171.52	1/2	1,468.01	1/2	1,764.18	1/2	2,060.86	1/2	2,357.54	1/2	2,654.21
3/4	12.29	3/4	293.80	3/4	590.50	3/4	882.79	3/4	1,177.70	3/4	1,474.18	3/4	1,770.36	3/4	2,067.05	3/4	2,363.72	3/4	2,660.39
1	14.36	1	299.99	1	596.68	1	888.82	1	1,183.88	1	1,480.35	1	1,776.54	1	2,073.23	1	2,369.90	1	2,666.57
1/4	18.48	1/4	306.17	1/4	602.86	1/4	894.85	1/4	1,190.05	1/4	1,486.51	1/4	1,782.72	1/4	2,079.41	1/4	2,376.08	1/4	2,672.75
1/2	22.61	1/2	312.35	1/2	609.04	1/2	900.88	1/2	1,196.23	1/2	1,492.68	1/2	1,788.91	1/2	2,085.59	1/2	2,382.26	1/2	2,678.93
3/4	26.73	3/4	318.53	3/4	615.22	3/4	906.91	3/4	1,202.41	3/4	1,498.85	3/4	1,795.09	3/4	2,091.77	3/4	2,388.44	3/4	2,685.12
2	30.85	2	324.71	2	621.40	2	912.94	2	1,208.59	2	1,505.01	2	1,801.27	2	2,097.95	2	2,394.62	2	2,691.30
1/4	36.46	1/4	330.89	1/4	627.59	1/4	918.97	1/4	1,214.76	1/4	1,511.18	1/4	1,807.45	1/4	2,104.13	1/4	2,400.80	1/4	2,697.48
1/2	42.07	1/2	337.07	1/2	633.77	1/2	925.00	1/2	1,220.94	1/2	1,517.35	1/2	1,813.63	1/2	2,110.31	1/2	2,406.98	1/2	2,703.66
3/4	47.68	3/4	343.25	3/4	639.95	3/4	931.03	3/4	1,227.12	3/4	1,523.51	3/4	1,819.81	3/4	2,116.49	3/4	2,413.16	3/4	2,709.84
3	53.29	3	349.44	3	646.13	3	937.06	3	1,233.30	3	1,529.68	3	1,825.99	3	2,122.67	3	2,419.34	3	2,716.02
1/4	59.38	1/4	355.62	1/4	652.31	1/4	943.16	1/4	1,239.48	1/4	1,535.85	1/4	1,832.17	1/4	2,128.85	1/4	2,425.52	1/4	2,722.20
1/2	65.47	1/2	361.80	1/2	658.49	1/2	949.27	1/2	1,245.65	1/2	1,542.01	1/2	1,838.35	1/2	2,135.04	1/2	2,431.70	1/2	2,728.38
3/4	71.57	3/4	367.98	3/4	664.67	3/4	955.37	3/4	1,251.83	3/4	1,548.18	3/4	1,844.53	3/4	2,141.22	3/4	2,437.88	3/4	2,734.56
4	77.66	4	374.16	4	670.85	4	961.47	4	1,258.01	4	1,554.34	4	1,850.71	4	2,147.40	4	2,444.06	4	2,740.74
1/4	83.80	1/4	380.34	1/4	677.03	1/4	967.65	1/4	1,264.19	1/4	1,560.51	1/4	1,856.89	1/4	2,153.58	1/4	2,450.24	1/4	2,746.92
1/2	89.94	1/2	386.52	1/2	683.22	1/2	973.83	1/2	1,270.36	1/2	1,566.68	1/2	1,863.08	1/2	2,159.76	1/2	2,456.42	1/2	2,753.11
3/4	96.07	3/4	392.70	3/4	689.40	3/4	980.01	3/4	1,276.54	3/4	1,572.84	3/4	1,869.26	3/4	2,165.94	3/4	2,462.60	3/4	2,759.29
5	102.21	5	398.88	5	695.58	5	986.19	5	1,282.72	5	1,579.01	5	1,875.44	5	2,172.12	5	2,468.78	5	2,765.47
1/4	108.37	1/4	405.07	1/4	701.68	1/4	992.36	1/4	1,288.90	1/4	1,585.18	1/4	1,881.62	1/4	2,178.30	1/4	2,474.97	1/4	2,771.65
1/2	114.54	1/2	411.25	1/2	707.79	1/2	998.54	1/2	1,295.08	1/2	1,591.34	1/2	1,887.80	1/2	2,184.48	1/2	2,481.15	1/2	2,777.83
3/4	120.70	3/4	417.43	3/4	713.89	3/4	1,004.72	3/4	1,301.25	3/4	1,597.51	3/4	1,893.98	3/4	2,190.66	3/4	2,487.33	3/4	2,784.01
6	126.87	6	423.61	6	720.00	6	1,010.90	6	1,307.43	6	1,603.68	6	1,900.16	6	2,196.84	6	2,493.51	6	2,790.19
1/4	133.04	1/4	429.79	1/4	726.03	1/4	1,017.07	1/4	1,313.61	1/4	1,609.84	1/4	1,906.34	1/4	2,203.03	1/4	2,499.69	1/4	2,796.37
1/2	139.22	1/2	435.97	1/2	732.06	1/2	1,023.25	1/2	1,319.79	1/2	1,616.01	1/2	1,912.52	1/2	2,209.21	1/2	2,505.87	1/2	2,802.55
3/4	145.40	3/4	442.15	3/4	738.09	3/4	1,029.43	3/4	1,325.96	3/4	1,622.18	3/4	1,918.70	3/4	2,215.39	3/4	2,512.05	3/4	2,808.73
7	151.58	7	448.33	7	744.12	7	1,035.61	7	1,332.14	7	1,628.34	7	1,924.88	7	2,221.57	7	2,518.23	7	2,814.91
1/4	157.76	1/4	454.51	1/4	750.15	1/4	1,041.79	1/4	1,338.32	1/4	1,634.51	1/4	1,931.07	1/4	2,227.75	1/4	2,524.41	1/4	2,821.10
1/2	163.94	1/2	460.70	1/2	756.18	1/2	1,047.96	1/2	1,344.50	1/2	1,640.68	1/2	1,937.25	1/2	2,233.93	1/2	2,530.59	1/2	2,827.28
3/4	170.12	3/4	466.88	3/4	762.20	3/4	1,054.14	3/4	1,350.68	3/4	1,646.84	3/4	1,943.43	3/4	2,240.11	3/4	2,536.77	3/4	2,833.46
8	176.31	8	473.06	8	768.23	8	1,060.32	8	1,356.85	8	1,653.01	8	1,949.61	8	2,246.29	8	2,542.96	8	2,839.64
1/4	182.49	1/4	479.24	1/4	774.26	1/4	1,066.50	1/4	1,363.03	1/4	1,659.18	1/4	1,955.79	1/4	2,252.47	1/4	2,549.14	1/4	2,845.82
1/2	188.68	1/2	485.42	1/2	780.29	1/2	1,072.67	1/2	1,369.21	1/2	1,665.34	1/2	1,961.97	1/2	2,258.65	1/2	2,555.32	1/2	2,852.00
3/4	194.86	3/4	491.60	3/4	786.32	3/4	1,078.85	3/4	1,375.39	3/4	1,671.51	3/4	1,968.15	3/4	2,264.83	3/4	2,561.50	3/4	2,858.18
9	201.05	9	497.78	9	792.35	9	1,085.03	9	1,381.56	9	1,677.68	9	1,974.33	9	2,271.01	9	2,567.68	9	2,864.36
1/4	207.23	1/4	503.96	1/4	798.38	1/4	1,091.21	1/4	1,387.74	1/4	1,683.85	1/4	1,980.51	1/4	2,277.20	1/4	2,573.86	1/4	2,870.09
1/2	213.42	1/2	510.14	1/2	804.41	1/2	1,097.39	1/2	1,393.92	1/2	1,690.02	1/2	1,986.69	1/2	2,283.38	1/2	2,580.04	1/2	2,875.82
3/4	219.61	3/4	516.33	3/4	810.44	3/4	1,103.56	3/4	1,400.10	3/4	1,696.20	3/4	1,992.87	3/4	2,289.56	3/4	2,586.22	3/4	2,881.55
10	225.80	10	522.51	10	816.47	10	1,109.74	10	1,406.28	10	1,702.37	10	1,999.06	10	2,295.74	10	2,592.40	10	2,887.27
1/4	231.98	1/4	528.69	1/4	822.50	1/4	1,115.92	1/4	1,412.45	1/4	1,708.55	1/4	2,005.24	1/4	2,301.92	1/4	2,598.58	1/4	2,892.56
1/2	238.17	1/2	534.87	1/2	828.53	1/2	1,122.10	1/2	1,418.63	1/2	1,714.73	1/2	2,011.42	1/2	2,308.10	1/2	2,604.76	1/2	2,897.84
3/4	244.35	3/4	541.05	3/4	834.56	3/4	1,128.28	3/4	1,424.81	3/4	1,720.92	3/4	2,017.60	3/4	2,314.28	3/4	2,610.95	3/4	2,903.12
11	250.53	11	547.23	11	840.59	11	1,134.45	11	1,430.99	11	1,727.10	11	2,023.78	11	2,320.46	11	2,617.13	11	2,908.40
1/4	256.72	1/4	553.41	1/4	846.61	1/4	1,140.63	1/4	1,437.16	1/4	1,733.28	1/4	2,029.96	1/4	2,326.64	1/4	2,623.31	1/4	2,913.68
1/2	262.90	1/2	559.59	1/2	852.64	1/2	1,146.81	1/2	1,443.33	1/2	1,739.46	1/2	2,036.14	1/2	2,332.82	1/2	2,629.49	1/2	2,918.97
3/4	269.08	3/4	565.77	3/4	858.67	3/4	1,152.99	3/4	1,449.51	3/4	1,745.64	3/4	2,042.32	3/4	2,339.00	3/4	2,635.67	3/4	2,924.26

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "IB 1113"

## 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	2,929.54	0	3,183.31	0	3,437.08	0	3,690.84	0	3,943.22	0		0		0		0		0	
1/4	2,934.83	1/4	3,188.60	1/4	3,442.36	1/4	3,696.13	1/4	3,946.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,940.12	1/2	3,193.88	1/2	3,447.65	1/2	3,701.42	1/2	3,950.61	1/2		1/2		1/2		1/2		1/2	
3/4	2,945.40	3/4	3,199.17	3/4	3,452.94	3/4	3,706.70	3/4	3,954.30	3/4		3/4		3/4		3/4		3/4	
1	2,950.69	1	3,204.46	1	3,458.22	1	3,711.99	1	3,958.00	1		1		1		1		1	
1/4	2,955.98	1/4	3,209.74	1/4	3,463.51	1/4	3,717.28	1/4	3,960.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,961.26	1/2	3,215.03	1/2	3,468.80	1/2	3,722.56	1/2	3,962.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,966.55	3/4	3,220.32	3/4	3,474.08	3/4	3,727.85	3/4	3,964.38	3/4		3/4		3/4		3/4		3/4	
2	2,971.84	2	3,225.60	2	3,479.37	2	3,733.14	2	3,966.51	2		2		2		2		2	
1/4	2,977.13	1/4	3,230.89	1/4	3,484.66	1/4	3,738.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,982.41	1/2	3,236.18	1/2	3,489.94	1/2	3,743.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,987.70	3/4	3,241.47	3/4	3,495.23	3/4	3,749.00	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,992.99	3	3,246.75	3	3,500.52	3	3,754.28	3		3		3		3		3		3	
1/4	2,998.27	1/4	3,252.04	1/4	3,505.81	1/4	3,759.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,003.56	1/2	3,257.33	1/2	3,511.09	1/2	3,764.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,008.85	3/4	3,262.61	3/4	3,516.38	3/4	3,770.15	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,014.13	4	3,267.90	4	3,521.67	4	3,775.43	4		4		4		4		4		4	
1/4	3,019.42	1/4	3,273.19	1/4	3,526.95	1/4	3,780.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,024.71	1/2	3,278.47	1/2	3,532.24	1/2	3,786.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,029.99	3/4	3,283.76	3/4	3,537.53	3/4	3,791.29	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,035.28	5	3,289.05	5	3,542.81	5	3,796.58	5		5		5		5		5		5	
1/4	3,040.57	1/4	3,294.33	1/4	3,548.10	1/4	3,801.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,045.85	1/2	3,299.62	1/2	3,553.39	1/2	3,807.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,051.14	3/4	3,304.91	3/4	3,558.67	3/4	3,812.44	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,056.43	6	3,310.19	6	3,563.96	6	3,817.73	6		6		6		6		6		6	
1/4	3,061.71	1/4	3,315.48	1/4	3,569.25	1/4	3,823.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,067.00	1/2	3,320.77	1/2	3,574.53	1/2	3,828.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,072.29	3/4	3,326.05	3/4	3,579.82	3/4	3,833.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,077.57	7	3,331.34	7	3,585.11	7	3,838.87	7		7		7		7		7		7	
1/4	3,082.86	1/4	3,336.63	1/4	3,590.39	1/4	3,844.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,088.15	1/2	3,341.91	1/2	3,595.68	1/2	3,849.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,093.43	3/4	3,347.20	3/4	3,600.97	3/4	3,854.73	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,098.72	8	3,352.49	8	3,606.25	8	3,860.02	8		8		8		8		8		8	
1/4	3,104.01	1/4	3,357.77	1/4	3,611.54	1/4	3,865.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,109.30	1/2	3,363.06	1/2	3,616.83	1/2	3,870.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,114.58	3/4	3,368.35	3/4	3,622.11	3/4	3,875.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,119.87	9	3,373.64	9	3,627.40	9	3,881.17	9		9		9		9		9		9	
1/4	3,125.16	1/4	3,378.92	1/4	3,632.69	1/4	3,886.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,130.44	1/2	3,384.21	1/2	3,637.98	1/2	3,891.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,135.73	3/4	3,389.50	3/4	3,643.26	3/4	3,897.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,141.02	10	3,394.78	10	3,648.55	10	3,902.29	10		10		10		10		10		10	
1/4	3,146.30	1/4	3,400.07	1/4	3,653.84	1/4	3,907.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,151.59	1/2	3,405.36	1/2	3,659.12	1/2	3,912.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,156.88	3/4	3,410.64	3/4	3,664.41	3/4	3,918.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,162.16	11	3,415.93	11	3,669.70	11	3,923.35	11		11		11		11		11		11	
1/4	3,167.45	1/4	3,421.22	1/4	3,674.98	1/4	3,928.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,172.74	1/2	3,426.50	1/2	3,680.27	1/2	3,933.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,178.02	3/4	3,431.79	3/4	3,685.56	3/4	3,938.25	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

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



# BARGE "IB 1113"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 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	2.45	0	240.70	0	503.67	0	762.74	0	1,023.62	0	1,286.60	0	1,549.57	0	1,812.54	0	2,075.51	0	2,338.49
1/4	4.28	1/4	246.18	1/4	509.14	1/4	768.07	1/4	1,029.10	1/4	1,292.07	1/4	1,555.05	1/4	1,818.02	1/4	2,080.99	1/4	2,343.96
1/2	6.10	1/2	251.66	1/2	514.62	1/2	773.39	1/2	1,034.58	1/2	1,297.55	1/2	1,560.52	1/2	1,823.50	1/2	2,086.47	1/2	2,349.44
3/4	7.93	3/4	257.14	3/4	520.10	3/4	778.72	3/4	1,040.06	3/4	1,303.03	3/4	1,566.00	3/4	1,828.98	3/4	2,091.95	3/4	2,354.92
1	9.76	1	262.62	1	525.58	1	784.05	1	1,045.54	1	1,308.51	1	1,571.48	1	1,834.45	1	2,097.43	1	2,360.40
1/4	13.40	1/4	268.09	1/4	531.06	1/4	789.38	1/4	1,051.02	1/4	1,313.99	1/4	1,576.96	1/4	1,839.93	1/4	2,102.91	1/4	2,365.88
1/2	17.05	1/2	273.57	1/2	536.54	1/2	794.71	1/2	1,056.49	1/2	1,319.47	1/2	1,582.44	1/2	1,845.41	1/2	2,108.38	1/2	2,371.36
3/4	20.70	3/4	279.05	3/4	542.01	3/4	800.04	3/4	1,061.97	3/4	1,324.95	3/4	1,587.92	3/4	1,850.89	3/4	2,113.86	3/4	2,376.84
2	24.35	2	284.53	2	547.49	2	805.37	2	1,067.45	2	1,330.42	2	1,593.40	2	1,856.37	2	2,119.34	2	2,382.31
1/4	29.31	1/4	290.01	1/4	552.97	1/4	810.70	1/4	1,072.93	1/4	1,335.90	1/4	1,598.88	1/4	1,861.85	1/4	2,124.82	1/4	2,387.79
1/2	34.27	1/2	295.49	1/2	558.45	1/2	816.03	1/2	1,078.41	1/2	1,341.38	1/2	1,604.35	1/2	1,867.33	1/2	2,130.30	1/2	2,393.27
3/4	39.23	3/4	300.97	3/4	563.93	3/4	821.36	3/4	1,083.89	3/4	1,346.86	3/4	1,609.83	3/4	1,872.81	3/4	2,135.78	3/4	2,398.75
3	44.19	3	306.44	3	569.41	3	826.69	3	1,089.37	3	1,352.34	3	1,615.31	3	1,878.28	3	2,141.26	3	2,404.23
1/4	49.58	1/4	311.92	1/4	574.89	1/4	832.09	1/4	1,094.84	1/4	1,357.82	1/4	1,620.79	1/4	1,883.76	1/4	2,146.74	1/4	2,409.71
1/2	54.97	1/2	317.40	1/2	580.36	1/2	837.50	1/2	1,100.32	1/2	1,363.30	1/2	1,626.27	1/2	1,889.24	1/2	2,152.21	1/2	2,415.19
3/4	60.36	3/4	322.88	3/4	585.84	3/4	842.90	3/4	1,105.80	3/4	1,368.77	3/4	1,631.75	3/4	1,894.72	3/4	2,157.69	3/4	2,420.67
4	65.75	4	328.36	4	591.32	4	848.31	4	1,111.28	4	1,374.25	4	1,637.23	4	1,900.20	4	2,163.17	4	2,426.14
1/4	71.18	1/4	333.84	1/4	596.80	1/4	853.79	1/4	1,116.76	1/4	1,379.73	1/4	1,642.70	1/4	1,905.68	1/4	2,168.65	1/4	2,431.62
1/2	76.61	1/2	339.31	1/2	602.28	1/2	859.26	1/2	1,122.24	1/2	1,385.21	1/2	1,648.18	1/2	1,911.16	1/2	2,174.13	1/2	2,437.10
3/4	82.04	3/4	344.79	3/4	607.76	3/4	864.74	3/4	1,127.72	3/4	1,390.69	3/4	1,653.66	3/4	1,916.63	3/4	2,179.61	3/4	2,442.58
5	87.47	5	350.27	5	613.23	5	870.22	5	1,133.19	5	1,396.17	5	1,659.14	5	1,922.11	5	2,185.09	5	2,448.06
1/4	92.92	1/4	355.75	1/4	618.64	1/4	875.70	1/4	1,138.67	1/4	1,401.65	1/4	1,664.62	1/4	1,927.59	1/4	2,190.56	1/4	2,453.54
1/2	98.38	1/2	361.23	1/2	624.04	1/2	881.18	1/2	1,144.15	1/2	1,407.12	1/2	1,670.10	1/2	1,933.07	1/2	2,196.04	1/2	2,459.02
3/4	103.83	3/4	366.71	3/4	629.45	3/4	886.66	3/4	1,149.63	3/4	1,412.60	3/4	1,675.58	3/4	1,938.55	3/4	2,201.52	3/4	2,464.49
6	109.28	6	372.18	6	634.85	6	892.14	6	1,155.11	6	1,418.08	6	1,681.05	6	1,944.03	6	2,207.00	6	2,469.97
1/4	114.75	1/4	377.66	1/4	640.18	1/4	897.61	1/4	1,160.59	1/4	1,423.56	1/4	1,686.53	1/4	1,949.51	1/4	2,212.48	1/4	2,475.45
1/2	120.22	1/2	383.14	1/2	645.51	1/2	903.09	1/2	1,166.07	1/2	1,429.04	1/2	1,692.01	1/2	1,954.98	1/2	2,217.96	1/2	2,480.93
3/4	125.68	3/4	388.62	3/4	650.84	3/4	908.57	3/4	1,171.54	3/4	1,434.52	3/4	1,697.49	3/4	1,960.46	3/4	2,223.44	3/4	2,486.41
7	131.15	7	394.10	7	656.16	7	914.05	7	1,177.02	7	1,440.00	7	1,702.97	7	1,965.94	7	2,228.91	7	2,491.89
1/4	136.63	1/4	399.58	1/4	661.49	1/4	919.53	1/4	1,182.50	1/4	1,445.47	1/4	1,708.45	1/4	1,971.42	1/4	2,234.39	1/4	2,497.37
1/2	142.10	1/2	405.05	1/2	666.82	1/2	925.01	1/2	1,187.98	1/2	1,450.95	1/2	1,713.93	1/2	1,976.90	1/2	2,239.87	1/2	2,502.84
3/4	147.58	3/4	410.53	3/4	672.15	3/4	930.49	3/4	1,193.46	3/4	1,456.43	3/4	1,719.40	3/4	1,982.38	3/4	2,245.35	3/4	2,508.32
8	153.05	8	416.01	8	677.48	8	935.96	8	1,198.94	8	1,461.91	8	1,724.88	8	1,987.86	8	2,250.83	8	2,513.80
1/4	158.53	1/4	421.49	1/4	682.81	1/4	941.44	1/4	1,204.42	1/4	1,467.39	1/4	1,730.36	1/4	1,993.33	1/4	2,256.31	1/4	2,519.28
1/2	164.01	1/2	426.97	1/2	688.14	1/2	946.92	1/2	1,209.89	1/2	1,472.87	1/2	1,735.84	1/2	1,998.81	1/2	2,261.79	1/2	2,524.76
3/4	169.48	3/4	432.45	3/4	693.46	3/4	952.40	3/4	1,215.37	3/4	1,478.35	3/4	1,741.32	3/4	2,004.29	3/4	2,267.26	3/4	2,530.24
9	174.96	9	437.93	9	698.79	9	957.88	9	1,220.85	9	1,483.82	9	1,746.80	9	2,009.77	9	2,272.74	9	2,535.72
1/4	180.44	1/4	443.40	1/4	704.12	1/4	963.36	1/4	1,226.33	1/4	1,489.30	1/4	1,752.28	1/4	2,015.25	1/4	2,278.22	1/4	2,541.19
1/2	185.92	1/2	448.88	1/2	709.45	1/2	968.84	1/2	1,231.81	1/2	1,494.78	1/2	1,757.75	1/2	2,020.73	1/2	2,283.70	1/2	2,546.67
3/4	191.40	3/4	454.36	3/4	714.78	3/4	974.31	3/4	1,237.29	3/4	1,500.26	3/4	1,763.23	3/4	2,026.21	3/4	2,289.18	3/4	2,552.15
10	196.88	10	459.84	10	720.11	10	979.79	10	1,242.77	10	1,505.74	10	1,768.71	10	2,031.68	10	2,294.66	10	2,557.63
1/4	202.35	1/4	465.32	1/4	725.44	1/4	985.27	1/4	1,248.24	1/4	1,511.22	1/4	1,774.19	1/4	2,037.16	1/4	2,300.14	1/4	2,563.11
1/2	207.83	1/2	470.80	1/2	730.77	1/2	990.75	1/2	1,253.72	1/2	1,516.70	1/2	1,779.67	1/2	2,042.64	1/2	2,305.61	1/2	2,568.59
3/4	213.31	3/4	476.27	3/4	736.09	3/4	996.23	3/4	1,259.20	3/4	1,522.17	3/4	1,785.15	3/4	2,048.12	3/4	2,311.09	3/4	2,574.07
11	218.79	11	481.75	11	741.42	11	1,001.71	11	1,264.68	11	1,527.65	11	1,790.63	11	2,053.60	11	2,316.57	11	2,579.54
1/4	224.27	1/4	487.23	1/4	746.75	1/4	1,007.19	1/4	1,270.16	1/4	1,533.13	1/4	1,796.10	1/4	2,059.08	1/4	2,322.05	1/4	2,585.02
1/2	229.75	1/2	492.71	1/2	752.08	1/2	1,012.67	1/2	1,275.64	1/2	1,538.61	1/2	1,801.58	1/2	2,064.56	1/2	2,327.53	1/2	2,590.50
3/4	235.22	3/4	498.19	3/4	757.41	3/4	1,018.14	3/4	1,281.12	3/4	1,544.09	3/4	1,807.06	3/4	2,070.03	3/4	2,333.01	3/4	2,595.98

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1113"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-01 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	2,601.46	0	2,864.43	0	3,127.40	0	3,390.38	0	3,652.14	0		0		0		0		0	
1/4	2,606.94	1/4	2,869.91	1/4	3,132.88	1/4	3,395.86	1/4	3,656.21	1/4		1/4		1/4		1/4		1/4	
1/2	2,612.42	1/2	2,875.39	1/2	3,138.36	1/2	3,401.33	1/2	3,660.28	1/2		1/2		1/2		1/2		1/2	
3/4	2,617.89	3/4	2,880.87	3/4	3,143.84	3/4	3,406.81	3/4	3,664.36	3/4		3/4		3/4		3/4		3/4	
1	2,623.37	1	2,886.35	1	3,149.32	1	3,412.29	1	3,668.43	1		1		1		1		1	
1/4	2,628.85	1/4	2,891.82	1/4	3,154.80	1/4	3,417.77	1/4	3,670.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,634.33	1/2	2,897.30	1/2	3,160.28	1/2	3,423.25	1/2	3,672.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,639.81	3/4	2,902.78	3/4	3,165.75	3/4	3,428.73	3/4	3,675.28	3/4		3/4		3/4		3/4		3/4	
2	2,645.29	2	2,908.26	2	3,171.23	2	3,434.21	2	3,677.56	2		2		2		2		2	
1/4	2,650.77	1/4	2,913.74	1/4	3,176.71	1/4	3,439.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,656.24	1/2	2,919.22	1/2	3,182.19	1/2	3,445.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,661.72	3/4	2,924.70	3/4	3,187.67	3/4	3,450.64	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,667.20	3	2,930.17	3	3,193.15	3	3,456.12	3		3		3		3		3		3	
1/4	2,672.68	1/4	2,935.65	1/4	3,198.63	1/4	3,461.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,678.16	1/2	2,941.13	1/2	3,204.10	1/2	3,467.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,683.64	3/4	2,946.61	3/4	3,209.58	3/4	3,472.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,689.12	4	2,952.09	4	3,215.06	4	3,478.03	4		4		4		4		4		4	
1/4	2,694.60	1/4	2,957.57	1/4	3,220.54	1/4	3,483.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,700.07	1/2	2,963.05	1/2	3,226.02	1/2	3,488.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,705.55	3/4	2,968.53	3/4	3,231.50	3/4	3,494.47	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,711.03	5	2,974.00	5	3,236.98	5	3,499.95	5		5		5		5		5		5	
1/4	2,716.51	1/4	2,979.48	1/4	3,242.46	1/4	3,505.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,721.99	1/2	2,984.96	1/2	3,247.93	1/2	3,510.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,727.47	3/4	2,990.44	3/4	3,253.41	3/4	3,516.39	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,732.95	6	2,995.92	6	3,258.89	6	3,521.86	6		6		6		6		6		6	
1/4	2,738.42	1/4	3,001.40	1/4	3,264.37	1/4	3,527.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,743.90	1/2	3,006.88	1/2	3,269.85	1/2	3,532.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,749.38	3/4	3,012.35	3/4	3,275.33	3/4	3,538.30	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,754.86	7	3,017.83	7	3,280.81	7	3,543.78	7		7		7		7		7		7	
1/4	2,760.34	1/4	3,023.31	1/4	3,286.28	1/4	3,549.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,765.82	1/2	3,028.79	1/2	3,291.76	1/2	3,554.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,771.30	3/4	3,034.27	3/4	3,297.24	3/4	3,560.21	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,776.77	8	3,039.75	8	3,302.72	8	3,565.69	8		8		8		8		8		8	
1/4	2,782.25	1/4	3,045.23	1/4	3,308.20	1/4	3,571.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,787.73	1/2	3,050.70	1/2	3,313.68	1/2	3,576.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,793.21	3/4	3,056.18	3/4	3,319.16	3/4	3,582.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,798.69	9	3,061.66	9	3,324.63	9	3,587.63	9		9		9		9		9		9	
1/4	2,804.17	1/4	3,067.14	1/4	3,330.11	1/4	3,593.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,809.65	1/2	3,072.62	1/2	3,335.59	1/2	3,598.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,815.12	3/4	3,078.10	3/4	3,341.07	3/4	3,604.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,820.60	10	3,083.58	10	3,346.55	10	3,609.53	10		10		10		10		10		10	
1/4	2,826.08	1/4	3,089.05	1/4	3,352.03	1/4	3,614.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,831.56	1/2	3,094.53	1/2	3,357.51	1/2	3,620.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,837.04	3/4	3,100.01	3/4	3,362.98	3/4	3,625.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,842.52	11	3,105.49	11	3,368.46	11	3,631.36	11		11		11		11		11		11	
1/4	2,848.00	1/4	3,110.97	1/4	3,373.94	1/4	3,636.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,853.47	1/2	3,116.45	1/2	3,379.42	1/2	3,641.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,858.95	3/4	3,121.93	3/4	3,384.90	3/4	3,646.95	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

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



# BARGE "IB 1113"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.43	0	238.53	0	499.12	0	759.43	0	1,019.88	0	1,280.48	0	1,541.08	0	1,801.67	0	2,062.27	0	2,322.87
1/4	4.24	1/4	243.96	1/4	504.55	1/4	764.85	1/4	1,025.31	1/4	1,285.91	1/4	1,546.51	1/4	1,807.10	1/4	2,067.70	1/4	2,328.30
1/2	6.05	1/2	249.39	1/2	509.98	1/2	770.26	1/2	1,030.74	1/2	1,291.34	1/2	1,551.94	1/2	1,812.53	1/2	2,073.13	1/2	2,333.73
3/4	7.86	3/4	254.82	3/4	515.40	3/4	775.68	3/4	1,036.17	3/4	1,296.77	3/4	1,557.36	3/4	1,817.96	3/4	2,078.56	3/4	2,339.16
1	9.67	1	260.25	1	520.83	1	781.10	1	1,041.60	1	1,302.20	1	1,562.79	1	1,823.39	1	2,083.99	1	2,344.58
1/4	13.29	1/4	265.68	1/4	526.26	1/4	786.52	1/4	1,047.03	1/4	1,307.63	1/4	1,568.22	1/4	1,828.82	1/4	2,089.42	1/4	2,350.01
1/2	16.90	1/2	271.10	1/2	531.69	1/2	791.94	1/2	1,052.46	1/2	1,313.06	1/2	1,573.65	1/2	1,834.25	1/2	2,094.85	1/2	2,355.44
3/4	20.52	3/4	276.53	3/4	537.12	3/4	797.36	3/4	1,057.89	3/4	1,318.48	3/4	1,579.08	3/4	1,839.68	3/4	2,100.27	3/4	2,360.87
2	24.13	2	281.96	2	542.55	2	802.78	2	1,063.32	2	1,323.91	2	1,584.51	2	1,845.11	2	2,105.70	2	2,366.30
1/4	29.05	1/4	287.39	1/4	547.98	1/4	808.20	1/4	1,068.75	1/4	1,329.34	1/4	1,589.94	1/4	1,850.54	1/4	2,111.13	1/4	2,371.73
1/2	33.97	1/2	292.82	1/2	553.41	1/2	813.62	1/2	1,074.18	1/2	1,334.77	1/2	1,595.37	1/2	1,855.97	1/2	2,116.56	1/2	2,377.16
3/4	38.88	3/4	298.25	3/4	558.84	3/4	819.04	3/4	1,079.60	3/4	1,340.20	3/4	1,600.80	3/4	1,861.39	3/4	2,121.99	3/4	2,382.59
3	43.80	3	303.68	3	564.26	3	824.46	3	1,085.03	3	1,345.63	3	1,606.23	3	1,866.82	3	2,127.42	3	2,388.02
1/4	49.14	1/4	309.11	1/4	569.69	1/4	829.88	1/4	1,090.46	1/4	1,351.06	1/4	1,611.66	1/4	1,872.25	1/4	2,132.85	1/4	2,393.45
1/2	54.48	1/2	314.54	1/2	575.12	1/2	835.30	1/2	1,095.89	1/2	1,356.49	1/2	1,617.09	1/2	1,877.68	1/2	2,138.28	1/2	2,398.88
3/4	59.82	3/4	319.96	3/4	580.55	3/4	840.73	3/4	1,101.32	3/4	1,361.92	3/4	1,622.51	3/4	1,883.11	3/4	2,143.71	3/4	2,404.30
4	65.16	4	325.39	4	585.98	4	846.15	4	1,106.75	4	1,367.35	4	1,627.94	4	1,888.54	4	2,149.14	4	2,409.73
1/4	70.55	1/4	330.82	1/4	591.41	1/4	851.58	1/4	1,112.18	1/4	1,372.78	1/4	1,633.37	1/4	1,893.97	1/4	2,154.57	1/4	2,415.16
1/2	75.93	1/2	336.25	1/2	596.84	1/2	857.01	1/2	1,117.61	1/2	1,378.20	1/2	1,638.80	1/2	1,899.40	1/2	2,160.00	1/2	2,420.59
3/4	81.31	3/4	341.68	3/4	602.27	3/4	862.44	3/4	1,123.04	3/4	1,383.63	3/4	1,644.23	3/4	1,904.83	3/4	2,165.42	3/4	2,426.02
5	86.69	5	347.11	5	607.70	5	867.87	5	1,128.47	5	1,389.06	5	1,649.66	5	1,910.26	5	2,170.85	5	2,431.45
1/4	92.09	1/4	352.54	1/4	613.12	1/4	873.30	1/4	1,133.90	1/4	1,394.49	1/4	1,655.09	1/4	1,915.69	1/4	2,176.28	1/4	2,436.88
1/2	97.49	1/2	357.97	1/2	618.54	1/2	878.73	1/2	1,139.32	1/2	1,399.92	1/2	1,660.52	1/2	1,921.11	1/2	2,181.71	1/2	2,442.31
3/4	102.90	3/4	363.40	3/4	623.97	3/4	884.16	3/4	1,144.75	3/4	1,405.35	3/4	1,665.95	3/4	1,926.54	3/4	2,187.14	3/4	2,447.74
6	108.30	6	368.82	6	629.39	6	889.59	6	1,150.18	6	1,410.78	6	1,671.38	6	1,931.97	6	2,192.57	6	2,453.17
1/4	113.72	1/4	374.25	1/4	634.81	1/4	895.01	1/4	1,155.61	1/4	1,416.21	1/4	1,676.81	1/4	1,937.40	1/4	2,198.00	1/4	2,458.60
1/2	119.14	1/2	379.68	1/2	640.23	1/2	900.44	1/2	1,161.04	1/2	1,421.64	1/2	1,682.23	1/2	1,942.83	1/2	2,203.43	1/2	2,464.02
3/4	124.55	3/4	385.11	3/4	645.64	3/4	905.87	3/4	1,166.47	3/4	1,427.07	3/4	1,687.66	3/4	1,948.26	3/4	2,208.86	3/4	2,469.45
7	129.97	7	390.54	7	651.06	7	911.30	7	1,171.90	7	1,432.50	7	1,693.09	7	1,953.69	7	2,214.29	7	2,474.88
1/4	135.40	1/4	395.97	1/4	656.48	1/4	916.73	1/4	1,177.33	1/4	1,437.92	1/4	1,698.52	1/4	1,959.12	1/4	2,219.72	1/4	2,480.31
1/2	140.82	1/2	401.40	1/2	661.90	1/2	922.16	1/2	1,182.76	1/2	1,443.35	1/2	1,703.95	1/2	1,964.55	1/2	2,225.14	1/2	2,485.74
3/4	146.25	3/4	406.83	3/4	667.32	3/4	927.59	3/4	1,188.19	3/4	1,448.78	3/4	1,709.38	3/4	1,969.98	3/4	2,230.57	3/4	2,491.17
8	151.67	8	412.26	8	672.73	8	933.02	8	1,193.62	8	1,454.21	8	1,714.81	8	1,975.41	8	2,236.00	8	2,496.60
1/4	157.10	1/4	417.68	1/4	678.15	1/4	938.45	1/4	1,199.04	1/4	1,459.64	1/4	1,720.24	1/4	1,980.83	1/4	2,241.43	1/4	2,502.03
1/2	162.53	1/2	423.11	1/2	683.57	1/2	943.88	1/2	1,204.47	1/2	1,465.07	1/2	1,725.67	1/2	1,986.26	1/2	2,246.86	1/2	2,507.46
3/4	167.96	3/4	428.54	3/4	688.99	3/4	949.31	3/4	1,209.90	3/4	1,470.50	3/4	1,731.10	3/4	1,991.69	3/4	2,252.29	3/4	2,512.89
9	173.38	9	433.97	9	694.41	9	954.73	9	1,215.33	9	1,475.93	9	1,736.53	9	1,997.12	9	2,257.72	9	2,518.32
1/4	178.81	1/4	439.40	1/4	699.83	1/4	960.16	1/4	1,220.76	1/4	1,481.36	1/4	1,741.95	1/4	2,002.55	1/4	2,263.15	1/4	2,523.74
1/2	184.24	1/2	444.83	1/2	705.24	1/2	965.59	1/2	1,226.19	1/2	1,486.79	1/2	1,747.38	1/2	2,007.98	1/2	2,268.58	1/2	2,529.17
3/4	189.67	3/4	450.26	3/4	710.66	3/4	971.02	3/4	1,231.62	3/4	1,492.22	3/4	1,752.81	3/4	2,013.41	3/4	2,274.01	3/4	2,534.60
10	195.10	10	455.69	10	716.08	10	976.45	10	1,237.05	10	1,497.64	10	1,758.24	10	2,018.84	10	2,279.44	10	2,540.03
1/4	200.53	1/4	461.12	1/4	721.50	1/4	981.88	1/4	1,242.48	1/4	1,503.07	1/4	1,763.67	1/4	2,024.27	1/4	2,284.86	1/4	2,545.46
1/2	205.96	1/2	466.54	1/2	726.92	1/2	987.31	1/2	1,247.91	1/2	1,508.50	1/2	1,769.10	1/2	2,029.70	1/2	2,290.29	1/2	2,550.89
3/4	211.39	3/4	471.97	3/4	732.34	3/4	992.74	3/4	1,253.34	3/4	1,513.93	3/4	1,774.53	3/4	2,035.13	3/4	2,295.72	3/4	2,556.32
11	216.82	11	477.40	11	737.75	11	998.17	11	1,258.76	11	1,519.36	11	1,779.96	11	2,040.55	11	2,301.15	11	2,561.75
1/4	222.24	1/4	482.83	1/4	743.17	1/4	1,003.60	1/4	1,264.19	1/4	1,524.79	1/4	1,785.39	1/4	2,045.98	1/4	2,306.58	1/4	2,567.18
1/2	227.67	1/2	488.26	1/2	748.59	1/2	1,009.03	1/2	1,269.62	1/2	1,530.22	1/2	1,790.82	1/2	2,051.41	1/2	2,312.01	1/2	2,572.61
3/4	233.10	3/4	493.69	3/4	754.01	3/4	1,014.45	3/4	1,275.05	3/4	1,535.65	3/4	1,796.25	3/4	2,056.84	3/4	2,317.44	3/4	2,578.04

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 INNAGE 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 1113"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,583.46	0	2,844.06	0	3,104.66	0	3,365.26	0	3,624.62	0		0		0		0		0	
1/4	2,588.89	1/4	2,849.49	1/4	3,110.09	1/4	3,370.68	1/4	3,628.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,594.32	1/2	2,854.92	1/2	3,115.52	1/2	3,376.11	1/2	3,632.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,599.75	3/4	2,860.35	3/4	3,120.95	3/4	3,381.54	3/4	3,636.73	3/4		3/4		3/4		3/4		3/4	
1	2,605.18	1	2,865.78	1	3,126.37	1	3,386.97	1	3,640.76	1		1		1		1		1	
1/4	2,610.61	1/4	2,871.21	1/4	3,131.80	1/4	3,392.40	1/4	3,643.02	1/4		1/4		1/4		1/4		1/4	
1/2	2,616.04	1/2	2,876.64	1/2	3,137.23	1/2	3,397.83	1/2	3,645.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,621.47	3/4	2,882.07	3/4	3,142.66	3/4	3,403.26	3/4	3,647.55	3/4		3/4		3/4		3/4		3/4	
2	2,626.90	2	2,887.49	2	3,148.09	2	3,408.69	2	3,649.81	2		2		2		2		2	
1/4	2,632.33	1/4	2,892.92	1/4	3,153.52	1/4	3,414.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,637.76	1/2	2,898.35	1/2	3,158.95	1/2	3,419.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,643.18	3/4	2,903.78	3/4	3,164.38	3/4	3,424.98	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,648.61	3	2,909.21	3	3,169.81	3	3,430.40	3		3		3		3		3		3	
1/4	2,654.04	1/4	2,914.64	1/4	3,175.24	1/4	3,435.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,659.47	1/2	2,920.07	1/2	3,180.67	1/2	3,441.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,664.90	3/4	2,925.50	3/4	3,186.09	3/4	3,446.69	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,670.33	4	2,930.93	4	3,191.52	4	3,452.12	4		4		4		4		4		4	
1/4	2,675.76	1/4	2,936.36	1/4	3,196.95	1/4	3,457.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,681.19	1/2	2,941.79	1/2	3,202.38	1/2	3,462.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,686.62	3/4	2,947.21	3/4	3,207.81	3/4	3,468.41	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,692.05	5	2,952.64	5	3,213.24	5	3,473.84	5		5		5		5		5		5	
1/4	2,697.48	1/4	2,958.07	1/4	3,218.67	1/4	3,479.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,702.90	1/2	2,963.50	1/2	3,224.10	1/2	3,484.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,708.33	3/4	2,968.93	3/4	3,229.53	3/4	3,490.12	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,713.76	6	2,974.36	6	3,234.96	6	3,495.55	6		6		6		6		6		6	
1/4	2,719.19	1/4	2,979.79	1/4	3,240.39	1/4	3,500.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,724.62	1/2	2,985.22	1/2	3,245.81	1/2	3,506.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,730.05	3/4	2,990.65	3/4	3,251.24	3/4	3,511.84	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,735.48	7	2,996.08	7	3,256.67	7	3,517.27	7		7		7		7		7		7	
1/4	2,740.91	1/4	3,001.51	1/4	3,262.10	1/4	3,522.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,746.34	1/2	3,006.93	1/2	3,267.53	1/2	3,528.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,751.77	3/4	3,012.36	3/4	3,272.96	3/4	3,533.56	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,757.20	8	3,017.79	8	3,278.39	8	3,538.99	8		8		8		8		8		8	
1/4	2,762.63	1/4	3,023.22	1/4	3,283.82	1/4	3,544.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,768.05	1/2	3,028.65	1/2	3,289.25	1/2	3,549.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,773.48	3/4	3,034.08	3/4	3,294.68	3/4	3,555.27	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,778.91	9	3,039.51	9	3,300.11	9	3,560.70	9		9		9		9		9		9	
1/4	2,784.34	1/4	3,044.94	1/4	3,305.54	1/4	3,566.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,789.77	1/2	3,050.37	1/2	3,310.96	1/2	3,571.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,795.20	3/4	3,055.80	3/4	3,316.39	3/4	3,576.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,800.63	10	3,061.23	10	3,321.82	10	3,582.39	10		10		10		10		10		10	
1/4	2,806.06	1/4	3,066.65	1/4	3,327.25	1/4	3,587.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,811.49	1/2	3,072.08	1/2	3,332.68	1/2	3,593.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,816.92	3/4	3,077.51	3/4	3,338.11	3/4	3,598.62	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,822.35	11	3,082.94	11	3,343.54	11	3,604.03	11		11		11		11		11		11	
1/4	2,827.77	1/4	3,088.37	1/4	3,348.97	1/4	3,609.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,833.20	1/2	3,093.80	1/2	3,354.40	1/2	3,614.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,838.63	3/4	3,099.23	3/4	3,359.83	3/4	3,619.48	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/19/2018 SW  
CALCULATED: 06/19/2018 CL  
PRINTED: 06/20/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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