



# BARGE "IB 1209"

## 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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/4"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

February 22, 2018

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

<http://www.pmacorp.net>



# BARGE "IB 1209"

# 1 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	4.03	0	245.06	0	520.42	0	792.15	0	1,064.98	0	1,340.19	0	1,614.98	0	1,890.33	0	2,165.68	0	2,441.02
1/4	4.99	1/4	250.79	1/4	526.16	1/4	797.73	1/4	1,070.72	1/4	1,345.92	1/4	1,620.71	1/4	1,896.07	1/4	2,171.42	1/4	2,446.76
1/2	5.95	1/2	256.53	1/2	531.90	1/2	803.32	1/2	1,076.45	1/2	1,351.64	1/2	1,626.45	1/2	1,901.81	1/2	2,177.15	1/2	2,452.50
3/4	6.91	3/4	262.27	3/4	537.64	3/4	808.90	3/4	1,082.19	3/4	1,357.36	3/4	1,632.19	3/4	1,907.54	3/4	2,182.89	3/4	2,458.23
1	7.87	1	268.00	1	543.37	1	814.49	1	1,087.92	1	1,363.08	1	1,637.92	1	1,913.28	1	2,188.62	1	2,463.97
1/4	10.74	1/4	273.74	1/4	549.11	1/4	820.07	1/4	1,093.65	1/4	1,368.80	1/4	1,643.66	1/4	1,919.02	1/4	2,194.36	1/4	2,469.71
1/2	13.62	1/2	279.48	1/2	554.85	1/2	825.66	1/2	1,099.39	1/2	1,374.53	1/2	1,649.40	1/2	1,924.75	1/2	2,200.10	1/2	2,475.44
3/4	16.49	3/4	285.21	3/4	560.58	3/4	831.24	3/4	1,105.12	3/4	1,380.25	3/4	1,655.13	3/4	1,930.49	3/4	2,205.83	3/4	2,481.18
2	19.36	2	290.95	2	566.32	2	836.83	2	1,110.85	2	1,385.97	2	1,660.87	2	1,936.23	2	2,211.57	2	2,486.92
1/4	24.15	1/4	296.69	1/4	572.06	1/4	842.41	1/4	1,116.59	1/4	1,391.69	1/4	1,666.61	1/4	1,941.96	1/4	2,217.30	1/4	2,492.65
1/2	28.94	1/2	302.43	1/2	577.79	1/2	848.00	1/2	1,122.32	1/2	1,397.42	1/2	1,672.34	1/2	1,947.70	1/2	2,223.04	1/2	2,498.39
3/4	33.73	3/4	308.16	3/4	583.53	3/4	853.58	3/4	1,128.05	3/4	1,403.14	3/4	1,678.08	3/4	1,953.44	3/4	2,228.78	3/4	2,504.12
3	38.52	3	313.90	3	589.27	3	859.17	3	1,133.79	3	1,408.86	3	1,683.82	3	1,959.17	3	2,234.51	3	2,509.86
1/4	44.22	1/4	319.64	1/4	595.00	1/4	864.76	1/4	1,139.52	1/4	1,414.58	1/4	1,689.55	1/4	1,964.91	1/4	2,240.25	1/4	2,515.60
1/2	49.91	1/2	325.37	1/2	600.74	1/2	870.34	1/2	1,145.25	1/2	1,420.30	1/2	1,695.29	1/2	1,970.65	1/2	2,245.98	1/2	2,521.33
3/4	55.61	3/4	331.11	3/4	606.48	3/4	875.93	3/4	1,150.99	3/4	1,426.03	3/4	1,701.03	3/4	1,976.38	3/4	2,251.72	3/4	2,527.07
4	61.31	4	336.85	4	612.21	4	881.51	4	1,156.72	4	1,431.75	4	1,706.76	4	1,982.12	4	2,257.45	4	2,532.81
1/4	67.05	1/4	342.58	1/4	617.95	1/4	887.25	1/4	1,162.45	1/4	1,437.47	1/4	1,712.50	1/4	1,987.86	1/4	2,263.19	1/4	2,538.54
1/2	72.78	1/2	348.32	1/2	623.69	1/2	892.98	1/2	1,168.19	1/2	1,443.19	1/2	1,718.24	1/2	1,993.59	1/2	2,268.93	1/2	2,544.28
3/4	78.52	3/4	354.06	3/4	629.42	3/4	898.71	3/4	1,173.92	3/4	1,448.92	3/4	1,723.97	3/4	1,999.33	3/4	2,274.66	3/4	2,550.02
5	84.25	5	359.79	5	635.16	5	904.45	5	1,179.65	5	1,454.64	5	1,729.71	5	2,005.07	5	2,280.40	5	2,555.75
1/4	90.00	1/4	365.53	1/4	640.90	1/4	910.18	1/4	1,185.39	1/4	1,460.36	1/4	1,735.45	1/4	2,010.80	1/4	2,286.13	1/4	2,561.49
1/2	95.74	1/2	371.27	1/2	646.63	1/2	915.91	1/2	1,191.12	1/2	1,466.08	1/2	1,741.18	1/2	2,016.54	1/2	2,291.87	1/2	2,567.23
3/4	101.49	3/4	377.00	3/4	652.37	3/4	921.65	3/4	1,196.86	3/4	1,471.81	3/4	1,746.92	3/4	2,022.28	3/4	2,297.61	3/4	2,572.96
6	107.24	6	382.74	6	658.11	6	927.38	6	1,202.59	6	1,477.53	6	1,752.66	6	2,028.01	6	2,303.34	6	2,578.70
1/4	112.99	1/4	388.48	1/4	663.69	1/4	933.11	1/4	1,208.32	1/4	1,483.25	1/4	1,758.39	1/4	2,033.75	1/4	2,309.08	1/4	2,584.44
1/2	118.73	1/2	394.22	1/2	669.28	1/2	938.85	1/2	1,214.06	1/2	1,488.97	1/2	1,764.13	1/2	2,039.49	1/2	2,314.82	1/2	2,590.17
3/4	124.48	3/4	399.95	3/4	674.86	3/4	944.58	3/4	1,219.79	3/4	1,494.69	3/4	1,769.87	3/4	2,045.22	3/4	2,320.55	3/4	2,595.91
7	130.23	7	405.69	7	680.45	7	950.31	7	1,225.52	7	1,500.42	7	1,775.60	7	2,050.96	7	2,326.29	7	2,601.65
1/4	135.98	1/4	411.43	1/4	686.03	1/4	956.05	1/4	1,231.26	1/4	1,506.14	1/4	1,781.34	1/4	2,056.70	1/4	2,332.03	1/4	2,607.38
1/2	141.72	1/2	417.16	1/2	691.62	1/2	961.78	1/2	1,236.99	1/2	1,511.86	1/2	1,787.08	1/2	2,062.43	1/2	2,337.76	1/2	2,613.12
3/4	147.46	3/4	422.90	3/4	697.20	3/4	967.52	3/4	1,242.72	3/4	1,517.58	3/4	1,792.81	3/4	2,068.17	3/4	2,343.50	3/4	2,618.86
8	153.21	8	428.64	8	702.79	8	973.25	8	1,248.46	8	1,523.31	8	1,798.55	8	2,073.91	8	2,349.24	8	2,624.59
1/4	158.95	1/4	434.37	1/4	708.37	1/4	978.98	1/4	1,254.19	1/4	1,529.03	1/4	1,804.29	1/4	2,079.64	1/4	2,354.97	1/4	2,630.33
1/2	164.68	1/2	440.11	1/2	713.96	1/2	984.72	1/2	1,259.92	1/2	1,534.75	1/2	1,810.02	1/2	2,085.38	1/2	2,360.71	1/2	2,636.07
3/4	170.42	3/4	445.85	3/4	719.54	3/4	990.45	3/4	1,265.66	3/4	1,540.47	3/4	1,815.76	3/4	2,091.12	3/4	2,366.45	3/4	2,641.80
9	176.16	9	451.58	9	725.13	9	996.18	9	1,271.39	9	1,546.20	9	1,821.50	9	2,096.85	9	2,372.18	9	2,647.54
1/4	181.91	1/4	457.32	1/4	730.71	1/4	1,001.92	1/4	1,277.12	1/4	1,551.92	1/4	1,827.23	1/4	2,102.59	1/4	2,377.92	1/4	2,653.28
1/2	187.65	1/2	463.06	1/2	736.30	1/2	1,007.65	1/2	1,282.86	1/2	1,557.64	1/2	1,832.97	1/2	2,108.32	1/2	2,383.66	1/2	2,659.01
3/4	193.39	3/4	468.79	3/4	741.88	3/4	1,013.38	3/4	1,288.59	3/4	1,563.36	3/4	1,838.70	3/4	2,114.06	3/4	2,389.39	3/4	2,664.75
10	199.14	10	474.53	10	747.47	10	1,019.12	10	1,294.32	10	1,569.08	10	1,844.44	10	2,119.80	10	2,395.13	10	2,670.49
1/4	204.88	1/4	480.27	1/4	753.05	1/4	1,024.85	1/4	1,300.06	1/4	1,574.82	1/4	1,850.18	1/4	2,125.53	1/4	2,400.87	1/4	2,676.22
1/2	210.62	1/2	486.00	1/2	758.64	1/2	1,030.58	1/2	1,305.79	1/2	1,580.56	1/2	1,855.91	1/2	2,131.27	1/2	2,406.60	1/2	2,681.96
3/4	216.37	3/4	491.74	3/4	764.22	3/4	1,036.32	3/4	1,311.53	3/4	1,586.29	3/4	1,861.65	3/4	2,137.00	3/4	2,412.34	3/4	2,687.70
11	222.11	11	497.48	11	769.81	11	1,042.05	11	1,317.26	11	1,592.03	11	1,867.39	11	2,142.74	11	2,418.08	11	2,693.43
1/4	227.84	1/4	503.21	1/4	775.39	1/4	1,047.78	1/4	1,322.99	1/4	1,597.77	1/4	1,873.12	1/4	2,148.47	1/4	2,423.81	1/4	2,699.18
1/2	233.58	1/2	508.95	1/2	780.98	1/2	1,053.52	1/2	1,328.73	1/2	1,603.50	1/2	1,878.86	1/2	2,154.21	1/2	2,429.55	1/2	2,704.93
3/4	239.32	3/4	514.69	3/4	786.56	3/4	1,059.25	3/4	1,334.46	3/4	1,609.24	3/4	1,884.60	3/4	2,159.95	3/4	2,435.29	3/4	2,710.68

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 31'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1209"

## 1 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	2,716.43	0	2,975.56	0	3,211.19	0	3,446.81	0	3,682.18	0		0		0		0		0	
1/4	2,722.17	1/4	2,980.47	1/4	3,216.09	1/4	3,451.72	1/4	3,686.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,727.92	1/2	2,985.38	1/2	3,221.00	1/2	3,456.63	1/2	3,690.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,733.67	3/4	2,990.29	3/4	3,225.91	3/4	3,461.54	3/4	3,694.03	3/4		3/4		3/4		3/4		3/4	
1	2,739.42	1	2,995.19	1	3,230.82	1	3,466.45	1	3,697.98	1		1		1		1		1	
1/4	2,745.17	1/4	3,000.10	1/4	3,235.73	1/4	3,471.36	1/4	3,700.01	1/4		1/4		1/4		1/4		1/4	
1/2	2,750.92	1/2	3,005.01	1/2	3,240.64	1/2	3,476.27	1/2	3,702.04	1/2		1/2		1/2		1/2		1/2	
3/4	2,756.66	3/4	3,009.92	3/4	3,245.55	3/4	3,481.18	3/4	3,704.08	3/4		3/4		3/4		3/4		3/4	
2	2,762.41	2	3,014.83	2	3,250.46	2	3,486.08	2	3,706.11	2		2		2		2		2	
1/4	2,768.16	1/4	3,019.74	1/4	3,255.37	1/4	3,490.99	1/4	3,706.23	1/4		1/4		1/4		1/4		1/4	
1/2	2,773.91	1/2	3,024.65	1/2	3,260.27	1/2	3,495.90	1/2	3,706.35	1/2		1/2		1/2		1/2		1/2	
3/4	2,779.66	3/4	3,029.56	3/4	3,265.18	3/4	3,500.81	3/4	3,706.47	3/4		3/4		3/4		3/4		3/4	
3	2,785.41	3	3,034.47	3	3,270.09	3	3,505.72	3	3,706.59	3		3		3		3		3	
1/4	2,791.15	1/4	3,039.37	1/4	3,275.00	1/4	3,510.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,796.90	1/2	3,044.28	1/2	3,279.91	1/2	3,515.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,802.65	3/4	3,049.19	3/4	3,284.82	3/4	3,520.45	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,808.40	4	3,054.10	4	3,289.73	4	3,525.36	4		4		4		4		4		4	
1/4	2,814.15	1/4	3,059.01	1/4	3,294.64	1/4	3,530.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,819.90	1/2	3,063.92	1/2	3,299.55	1/2	3,535.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,825.64	3/4	3,068.83	3/4	3,304.45	3/4	3,540.08	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,831.39	5	3,073.74	5	3,309.36	5	3,544.99	5		5		5		5		5		5	
1/4	2,837.14	1/4	3,078.65	1/4	3,314.27	1/4	3,549.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,842.89	1/2	3,083.55	1/2	3,319.18	1/2	3,554.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,848.64	3/4	3,088.46	3/4	3,324.09	3/4	3,559.72	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,854.39	6	3,093.37	6	3,329.00	6	3,564.63	6		6		6		6		6		6	
1/4	2,860.14	1/4	3,098.28	1/4	3,333.91	1/4	3,569.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,865.88	1/2	3,103.19	1/2	3,338.82	1/2	3,574.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,871.63	3/4	3,108.10	3/4	3,343.73	3/4	3,579.35	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,877.38	7	3,113.01	7	3,348.63	7	3,584.26	7		7		7		7		7		7	
1/4	2,882.29	1/4	3,117.92	1/4	3,353.54	1/4	3,589.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,887.20	1/2	3,122.83	1/2	3,358.45	1/2	3,594.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,892.11	3/4	3,127.73	3/4	3,363.36	3/4	3,598.99	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,897.02	8	3,132.64	8	3,368.27	8	3,603.90	8		8		8		8		8		8	
1/4	2,901.92	1/4	3,137.55	1/4	3,373.18	1/4	3,608.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,906.83	1/2	3,142.46	1/2	3,378.09	1/2	3,613.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,911.74	3/4	3,147.37	3/4	3,383.00	3/4	3,618.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,916.65	9	3,152.28	9	3,387.91	9	3,623.53	9		9		9		9		9		9	
1/4	2,921.56	1/4	3,157.19	1/4	3,392.81	1/4	3,628.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,926.47	1/2	3,162.10	1/2	3,397.72	1/2	3,633.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,931.38	3/4	3,167.01	3/4	3,402.63	3/4	3,638.26	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,936.29	10	3,171.91	10	3,407.54	10	3,643.17	10		10		10		10		10		10	
1/4	2,941.20	1/4	3,176.82	1/4	3,412.45	1/4	3,648.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,946.10	1/2	3,181.73	1/2	3,417.36	1/2	3,652.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,951.01	3/4	3,186.64	3/4	3,422.27	3/4	3,657.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,955.92	11	3,191.55	11	3,427.18	11	3,662.74	11		11		11		11		11		11	
1/4	2,960.83	1/4	3,196.46	1/4	3,432.09	1/4	3,667.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,965.74	1/2	3,201.37	1/2	3,436.99	1/2	3,672.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,970.65	3/4	3,206.28	3/4	3,441.90	3/4	3,677.32	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2018 CL  
CALCULATED: 02/22/2018 CL  
PRINTED: 02/23/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2018

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



# BARGE "IB 1209"

## 2 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	0.63	0	213.71	0	457.51	0	697.72	0	939.14	0	1,182.95	0	1,426.77	0	1,670.59	0	1,914.40	0	2,158.22
1/4	1.47	1/4	218.79	1/4	462.59	1/4	702.65	1/4	944.22	1/4	1,188.03	1/4	1,431.85	1/4	1,675.66	1/4	1,919.48	1/4	2,163.30
1/2	2.32	1/2	223.87	1/2	467.67	1/2	707.57	1/2	949.30	1/2	1,193.11	1/2	1,436.93	1/2	1,680.74	1/2	1,924.56	1/2	2,168.38
3/4	3.17	3/4	228.95	3/4	472.75	3/4	712.50	3/4	954.38	3/4	1,198.19	3/4	1,442.01	3/4	1,685.82	3/4	1,929.64	3/4	2,173.46
1	4.01	1	234.03	1	477.83	1	717.43	1	959.46	1	1,203.27	1	1,447.09	1	1,690.90	1	1,934.72	1	2,178.54
1/4	6.55	1/4	239.10	1/4	482.91	1/4	722.36	1/4	964.53	1/4	1,208.35	1/4	1,452.17	1/4	1,695.98	1/4	1,939.80	1/4	2,183.61
1/2	9.09	1/2	244.18	1/2	487.99	1/2	727.29	1/2	969.61	1/2	1,213.43	1/2	1,457.25	1/2	1,701.06	1/2	1,944.88	1/2	2,188.69
3/4	11.63	3/4	249.26	3/4	493.07	3/4	732.22	3/4	974.69	3/4	1,218.51	3/4	1,462.33	3/4	1,706.14	3/4	1,949.96	3/4	2,193.77
2	14.17	2	254.34	2	498.15	2	737.15	2	979.77	2	1,223.59	2	1,467.41	2	1,711.22	2	1,955.04	2	2,198.85
1/4	18.40	1/4	259.42	1/4	503.23	1/4	742.08	1/4	984.85	1/4	1,228.67	1/4	1,472.48	1/4	1,716.30	1/4	1,960.12	1/4	2,203.93
1/2	22.63	1/2	264.50	1/2	508.31	1/2	747.01	1/2	989.93	1/2	1,233.75	1/2	1,477.56	1/2	1,721.38	1/2	1,965.20	1/2	2,209.01
3/4	26.86	3/4	269.58	3/4	513.39	3/4	751.94	3/4	995.01	3/4	1,238.83	3/4	1,482.64	3/4	1,726.46	3/4	1,970.28	3/4	2,214.09
3	31.09	3	274.66	3	518.47	3	756.87	3	1,000.09	3	1,243.91	3	1,487.72	3	1,731.54	3	1,975.36	3	2,219.17
1/4	36.13	1/4	279.74	1/4	523.55	1/4	761.80	1/4	1,005.17	1/4	1,248.99	1/4	1,492.80	1/4	1,736.62	1/4	1,980.43	1/4	2,224.25
1/2	41.16	1/2	284.82	1/2	528.62	1/2	766.73	1/2	1,010.25	1/2	1,254.07	1/2	1,497.88	1/2	1,741.70	1/2	1,985.51	1/2	2,229.33
3/4	46.20	3/4	289.90	3/4	533.70	3/4	771.66	3/4	1,015.33	3/4	1,259.15	3/4	1,502.96	3/4	1,746.78	3/4	1,990.59	3/4	2,234.41
4	51.23	4	294.98	4	538.78	4	776.59	4	1,020.41	4	1,264.23	4	1,508.04	4	1,751.86	4	1,995.67	4	2,239.49
1/4	56.30	1/4	300.06	1/4	543.86	1/4	781.67	1/4	1,025.49	1/4	1,269.30	1/4	1,513.12	1/4	1,756.94	1/4	2,000.75	1/4	2,244.57
1/2	61.37	1/2	305.14	1/2	548.94	1/2	786.75	1/2	1,030.57	1/2	1,274.38	1/2	1,518.20	1/2	1,762.02	1/2	2,005.83	1/2	2,249.65
3/4	66.43	3/4	310.22	3/4	554.02	3/4	791.83	3/4	1,035.65	3/4	1,279.46	3/4	1,523.28	3/4	1,767.10	3/4	2,010.91	3/4	2,254.73
5	71.50	5	315.29	5	559.10	5	796.91	5	1,040.73	5	1,284.54	5	1,528.36	5	1,772.18	5	2,015.99	5	2,259.81
1/4	76.58	1/4	320.37	1/4	564.18	1/4	801.99	1/4	1,045.81	1/4	1,289.62	1/4	1,533.44	1/4	1,777.25	1/4	2,021.07	1/4	2,264.89
1/2	81.66	1/2	325.45	1/2	569.26	1/2	807.07	1/2	1,050.89	1/2	1,294.70	1/2	1,538.52	1/2	1,782.33	1/2	2,026.15	1/2	2,269.97
3/4	86.73	3/4	330.53	3/4	574.34	3/4	812.15	3/4	1,055.97	3/4	1,299.78	3/4	1,543.60	3/4	1,787.41	3/4	2,031.23	3/4	2,275.05
6	91.81	6	335.61	6	579.42	6	817.23	6	1,061.05	6	1,304.86	6	1,548.68	6	1,792.49	6	2,036.31	6	2,280.13
1/4	96.89	1/4	340.69	1/4	584.35	1/4	822.31	1/4	1,066.12	1/4	1,309.94	1/4	1,553.76	1/4	1,797.57	1/4	2,041.39	1/4	2,285.20
1/2	101.97	1/2	345.77	1/2	589.28	1/2	827.39	1/2	1,071.20	1/2	1,315.02	1/2	1,558.84	1/2	1,802.65	1/2	2,046.47	1/2	2,290.28
3/4	107.05	3/4	350.85	3/4	594.21	3/4	832.47	3/4	1,076.28	3/4	1,320.10	3/4	1,563.92	3/4	1,807.73	3/4	2,051.55	3/4	2,295.36
7	112.13	7	355.93	7	599.13	7	837.55	7	1,081.36	7	1,325.18	7	1,569.00	7	1,812.81	7	2,056.63	7	2,300.44
1/4	117.21	1/4	361.01	1/4	604.06	1/4	842.63	1/4	1,086.44	1/4	1,330.26	1/4	1,574.07	1/4	1,817.89	1/4	2,061.71	1/4	2,305.52
1/2	122.29	1/2	366.09	1/2	608.99	1/2	847.71	1/2	1,091.52	1/2	1,335.34	1/2	1,579.15	1/2	1,822.97	1/2	2,066.79	1/2	2,310.60
3/4	127.36	3/4	371.17	3/4	613.92	3/4	852.79	3/4	1,096.60	3/4	1,340.42	3/4	1,584.23	3/4	1,828.05	3/4	2,071.87	3/4	2,315.68
8	132.44	8	376.25	8	618.85	8	857.87	8	1,101.68	8	1,345.50	8	1,589.31	8	1,833.13	8	2,076.95	8	2,320.76
1/4	137.52	1/4	381.33	1/4	623.78	1/4	862.94	1/4	1,106.76	1/4	1,350.58	1/4	1,594.39	1/4	1,838.21	1/4	2,082.02	1/4	2,325.84
1/2	142.60	1/2	386.40	1/2	628.71	1/2	868.02	1/2	1,111.84	1/2	1,355.66	1/2	1,599.47	1/2	1,843.29	1/2	2,087.10	1/2	2,330.92
3/4	147.68	3/4	391.48	3/4	633.64	3/4	873.10	3/4	1,116.92	3/4	1,360.74	3/4	1,604.55	3/4	1,848.37	3/4	2,092.18	3/4	2,336.00
9	152.76	9	396.56	9	638.57	9	878.18	9	1,122.00	9	1,365.82	9	1,609.63	9	1,853.45	9	2,097.26	9	2,341.08
1/4	157.84	1/4	401.64	1/4	643.50	1/4	883.26	1/4	1,127.08	1/4	1,370.89	1/4	1,614.71	1/4	1,858.53	1/4	2,102.34	1/4	2,346.16
1/2	162.92	1/2	406.72	1/2	648.43	1/2	888.34	1/2	1,132.16	1/2	1,375.97	1/2	1,619.79	1/2	1,863.61	1/2	2,107.42	1/2	2,351.24
3/4	168.00	3/4	411.80	3/4	653.35	3/4	893.42	3/4	1,137.24	3/4	1,381.05	3/4	1,624.87	3/4	1,868.69	3/4	2,112.50	3/4	2,356.32
10	173.07	10	416.88	10	658.28	10	898.50	10	1,142.32	10	1,386.13	10	1,629.95	10	1,873.77	10	2,117.58	10	2,361.40
1/4	178.15	1/4	421.96	1/4	663.21	1/4	903.58	1/4	1,147.40	1/4	1,391.21	1/4	1,635.03	1/4	1,878.84	1/4	2,122.66	1/4	2,366.48
1/2	183.23	1/2	427.04	1/2	668.14	1/2	908.66	1/2	1,152.48	1/2	1,396.29	1/2	1,640.11	1/2	1,883.92	1/2	2,127.74	1/2	2,371.56
3/4	188.31	3/4	432.12	3/4	673.07	3/4	913.74	3/4	1,157.56	3/4	1,401.37	3/4	1,645.19	3/4	1,889.00	3/4	2,132.82	3/4	2,376.64
11	193.39	11	437.20	11	678.00	11	918.82	11	1,162.64	11	1,406.45	11	1,650.27	11	1,894.08	11	2,137.90	11	2,381.72
1/4	198.47	1/4	442.28	1/4	682.93	1/4	923.90	1/4	1,167.71	1/4	1,411.53	1/4	1,655.35	1/4	1,899.16	1/4	2,142.98	1/4	2,386.79
1/2	203.55	1/2	447.36	1/2	687.86	1/2	928.98	1/2	1,172.79	1/2	1,416.61	1/2	1,660.43	1/2	1,904.24	1/2	2,148.06	1/2	2,391.87
3/4	208.63	3/4	452.44	3/4	692.79	3/4	934.06	3/4	1,177.87	3/4	1,421.69	3/4	1,665.51	3/4	1,909.32	3/4	2,153.14	3/4	2,396.95

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'-06" FORWARD OF AFT BULKHEAD.

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





# BARGE "IB 1209"

## 2 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	2,402.03	0	2,645.85	0	2,889.67	0	3,133.48	0	3,377.05	0		0		0		0		0	
1/4	2,407.11	1/4	2,650.93	1/4	2,894.74	1/4	3,138.56	1/4	3,381.28	1/4		1/4		1/4		1/4		1/4	
1/2	2,412.19	1/2	2,656.01	1/2	2,899.82	1/2	3,143.64	1/2	3,385.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,417.27	3/4	2,661.09	3/4	2,904.90	3/4	3,148.72	3/4	3,389.74	3/4		3/4		3/4		3/4		3/4	
1	2,422.35	1	2,666.17	1	2,909.98	1	3,153.80	1	3,393.97	1		1		1		1		1	
1/4	2,427.43	1/4	2,671.25	1/4	2,915.06	1/4	3,158.88	1/4	3,396.51	1/4		1/4		1/4		1/4		1/4	
1/2	2,432.51	1/2	2,676.33	1/2	2,920.14	1/2	3,163.96	1/2	3,399.05	1/2		1/2		1/2		1/2		1/2	
3/4	2,437.59	3/4	2,681.41	3/4	2,925.22	3/4	3,169.04	3/4	3,401.59	3/4		3/4		3/4		3/4		3/4	
2	2,442.67	2	2,686.49	2	2,930.30	2	3,174.12	2	3,404.13	2		2		2		2		2	
1/4	2,447.75	1/4	2,691.56	1/4	2,935.38	1/4	3,179.20	1/4	3,404.98	1/4		1/4		1/4		1/4		1/4	
1/2	2,452.83	1/2	2,696.64	1/2	2,940.46	1/2	3,184.28	1/2	3,405.82	1/2		1/2		1/2		1/2		1/2	
3/4	2,457.91	3/4	2,701.72	3/4	2,945.54	3/4	3,189.36	3/4	3,406.67	3/4		3/4		3/4		3/4		3/4	
3	2,462.99	3	2,706.80	3	2,950.62	3	3,194.44	3	3,407.52	3		3		3		3		3	
1/4	2,468.07	1/4	2,711.88	1/4	2,955.70	1/4	3,199.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,473.15	1/2	2,716.96	1/2	2,960.78	1/2	3,204.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,478.23	3/4	2,722.04	3/4	2,965.86	3/4	3,209.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,483.31	4	2,727.12	4	2,970.94	4	3,214.75	4		4		4		4		4		4	
1/4	2,488.38	1/4	2,732.20	1/4	2,976.02	1/4	3,219.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,493.46	1/2	2,737.28	1/2	2,981.10	1/2	3,224.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,498.54	3/4	2,742.36	3/4	2,986.18	3/4	3,229.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,503.62	5	2,747.44	5	2,991.26	5	3,235.07	5		5		5		5		5		5	
1/4	2,508.70	1/4	2,752.52	1/4	2,996.33	1/4	3,240.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,513.78	1/2	2,757.60	1/2	3,001.41	1/2	3,245.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,518.86	3/4	2,762.68	3/4	3,006.49	3/4	3,250.31	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,523.94	6	2,767.76	6	3,011.57	6	3,255.39	6		6		6		6		6		6	
1/4	2,529.02	1/4	2,772.84	1/4	3,016.65	1/4	3,260.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,534.10	1/2	2,777.92	1/2	3,021.73	1/2	3,265.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,539.18	3/4	2,783.00	3/4	3,026.81	3/4	3,270.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,544.26	7	2,788.08	7	3,031.89	7	3,275.71	7		7		7		7		7		7	
1/4	2,549.34	1/4	2,793.15	1/4	3,036.97	1/4	3,280.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,554.42	1/2	2,798.23	1/2	3,042.05	1/2	3,285.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,559.50	3/4	2,803.31	3/4	3,047.13	3/4	3,290.95	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,564.58	8	2,808.39	8	3,052.21	8	3,296.03	8		8		8		8		8		8	
1/4	2,569.66	1/4	2,813.47	1/4	3,057.29	1/4	3,301.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,574.74	1/2	2,818.55	1/2	3,062.37	1/2	3,306.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,579.82	3/4	2,823.63	3/4	3,067.45	3/4	3,311.26	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,584.90	9	2,828.71	9	3,072.53	9	3,316.34	9		9		9		9		9		9	
1/4	2,589.97	1/4	2,833.79	1/4	3,077.61	1/4	3,321.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,595.05	1/2	2,838.87	1/2	3,082.69	1/2	3,326.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,600.13	3/4	2,843.95	3/4	3,087.77	3/4	3,331.56	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,605.21	10	2,849.03	10	3,092.85	10	3,336.64	10		10		10		10		10		10	
1/4	2,610.29	1/4	2,854.11	1/4	3,097.92	1/4	3,341.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,615.37	1/2	2,859.19	1/2	3,103.00	1/2	3,346.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,620.45	3/4	2,864.27	3/4	3,108.08	3/4	3,351.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,625.53	11	2,869.35	11	3,113.16	11	3,356.91	11		11		11		11		11		11	
1/4	2,630.61	1/4	2,874.43	1/4	3,118.24	1/4	3,361.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,635.69	1/2	2,879.51	1/2	3,123.32	1/2	3,366.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,640.77	3/4	2,884.59	3/4	3,128.40	3/4	3,372.01	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2018 CL  
CALCULATED: 02/22/2018 CL  
PRINTED: 02/23/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2018

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



# BARGE "IB 1209"

## 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	0.63	0	211.99	0	453.83	0	695.41	0	937.10	0	1,178.94	0	1,420.79	0	1,662.64	0	1,904.49	0	2,146.34
1/4	1.47	1/4	217.03	1/4	458.87	1/4	700.44	1/4	942.14	1/4	1,183.98	1/4	1,425.83	1/4	1,667.68	1/4	1,909.53	1/4	2,151.38
1/2	2.31	1/2	222.07	1/2	463.91	1/2	705.47	1/2	947.17	1/2	1,189.02	1/2	1,430.87	1/2	1,672.72	1/2	1,914.57	1/2	2,156.41
3/4	3.15	3/4	227.11	3/4	468.94	3/4	710.49	3/4	952.21	3/4	1,194.06	3/4	1,435.91	3/4	1,677.76	3/4	1,919.60	3/4	2,161.45
1	3.99	1	232.14	1	473.98	1	715.52	1	957.25	1	1,199.10	1	1,440.95	1	1,682.79	1	1,924.64	1	2,166.49
1/4	6.50	1/4	237.18	1/4	479.02	1/4	720.55	1/4	962.29	1/4	1,204.14	1/4	1,445.99	1/4	1,687.83	1/4	1,929.68	1/4	2,171.53
1/2	9.02	1/2	242.22	1/2	484.06	1/2	725.58	1/2	967.33	1/2	1,209.18	1/2	1,451.02	1/2	1,692.87	1/2	1,934.72	1/2	2,176.57
3/4	11.54	3/4	247.26	3/4	489.10	3/4	730.60	3/4	972.37	3/4	1,214.21	3/4	1,456.06	3/4	1,697.91	3/4	1,939.76	3/4	2,181.61
2	14.06	2	252.30	2	494.14	2	735.63	2	977.40	2	1,219.25	2	1,461.10	2	1,702.95	2	1,944.80	2	2,186.64
1/4	18.26	1/4	257.33	1/4	499.17	1/4	740.66	1/4	982.44	1/4	1,224.29	1/4	1,466.14	1/4	1,707.99	1/4	1,949.84	1/4	2,191.68
1/2	22.45	1/2	262.37	1/2	504.21	1/2	745.69	1/2	987.48	1/2	1,229.33	1/2	1,471.18	1/2	1,713.03	1/2	1,954.87	1/2	2,196.72
3/4	26.65	3/4	267.41	3/4	509.25	3/4	750.72	3/4	992.52	3/4	1,234.37	3/4	1,476.22	3/4	1,718.06	3/4	1,959.91	3/4	2,201.76
3	30.85	3	272.45	3	514.29	3	755.75	3	997.56	3	1,239.41	3	1,481.25	3	1,723.10	3	1,964.95	3	2,206.80
1/4	35.84	1/4	277.49	1/4	519.33	1/4	760.78	1/4	1,002.60	1/4	1,244.45	1/4	1,486.29	1/4	1,728.14	1/4	1,969.99	1/4	2,211.84
1/2	40.84	1/2	282.53	1/2	524.36	1/2	765.81	1/2	1,007.64	1/2	1,249.48	1/2	1,491.33	1/2	1,733.18	1/2	1,975.03	1/2	2,216.88
3/4	45.83	3/4	287.56	3/4	529.40	3/4	770.84	3/4	1,012.67	3/4	1,254.52	3/4	1,496.37	3/4	1,738.22	3/4	1,980.07	3/4	2,221.91
4	50.83	4	292.60	4	534.44	4	775.86	4	1,017.71	4	1,259.56	4	1,501.41	4	1,743.26	4	1,985.10	4	2,226.95
1/4	55.85	1/4	297.64	1/4	539.48	1/4	780.90	1/4	1,022.75	1/4	1,264.60	1/4	1,506.45	1/4	1,748.30	1/4	1,990.14	1/4	2,231.99
1/2	60.88	1/2	302.68	1/2	544.52	1/2	785.94	1/2	1,027.79	1/2	1,269.64	1/2	1,511.49	1/2	1,753.33	1/2	1,995.18	1/2	2,237.03
3/4	65.90	3/4	307.72	3/4	549.56	3/4	790.98	3/4	1,032.83	3/4	1,274.68	3/4	1,516.52	3/4	1,758.37	3/4	2,000.22	3/4	2,242.07
5	70.93	5	312.76	5	554.59	5	796.02	5	1,037.87	5	1,279.71	5	1,521.56	5	1,763.41	5	2,005.26	5	2,247.11
1/4	75.97	1/4	317.79	1/4	559.63	1/4	801.06	1/4	1,042.91	1/4	1,284.75	1/4	1,526.60	1/4	1,768.45	1/4	2,010.30	1/4	2,252.15
1/2	81.00	1/2	322.83	1/2	564.67	1/2	806.10	1/2	1,047.94	1/2	1,289.79	1/2	1,531.64	1/2	1,773.49	1/2	2,015.34	1/2	2,257.18
3/4	86.04	3/4	327.87	3/4	569.71	3/4	811.13	3/4	1,052.98	3/4	1,294.83	3/4	1,536.68	3/4	1,778.53	3/4	2,020.37	3/4	2,262.22
6	91.08	6	332.91	6	574.75	6	816.17	6	1,058.02	6	1,299.87	6	1,541.72	6	1,783.56	6	2,025.41	6	2,267.26
1/4	96.11	1/4	337.95	1/4	579.78	1/4	821.21	1/4	1,063.06	1/4	1,304.91	1/4	1,546.76	1/4	1,788.60	1/4	2,030.45	1/4	2,272.30
1/2	101.15	1/2	342.99	1/2	584.80	1/2	826.25	1/2	1,068.10	1/2	1,309.95	1/2	1,551.79	1/2	1,793.64	1/2	2,035.49	1/2	2,277.34
3/4	106.19	3/4	348.02	3/4	589.83	3/4	831.29	3/4	1,073.14	3/4	1,314.98	3/4	1,556.83	3/4	1,798.68	3/4	2,040.53	3/4	2,282.38
7	111.23	7	353.06	7	594.86	7	836.33	7	1,078.17	7	1,320.02	7	1,561.87	7	1,803.72	7	2,045.57	7	2,287.41
1/4	116.27	1/4	358.10	1/4	599.89	1/4	841.37	1/4	1,083.21	1/4	1,325.06	1/4	1,566.91	1/4	1,808.76	1/4	2,050.61	1/4	2,292.45
1/2	121.31	1/2	363.14	1/2	604.91	1/2	846.40	1/2	1,088.25	1/2	1,330.10	1/2	1,571.95	1/2	1,813.80	1/2	2,055.64	1/2	2,297.49
3/4	126.34	3/4	368.18	3/4	609.94	3/4	851.44	3/4	1,093.29	3/4	1,335.14	3/4	1,576.99	3/4	1,818.83	3/4	2,060.68	3/4	2,302.53
8	131.38	8	373.22	8	614.97	8	856.48	8	1,098.33	8	1,340.18	8	1,582.02	8	1,823.87	8	2,065.72	8	2,307.57
1/4	136.42	1/4	378.25	1/4	620.00	1/4	861.52	1/4	1,103.37	1/4	1,345.22	1/4	1,587.06	1/4	1,828.91	1/4	2,070.76	1/4	2,312.61
1/2	141.46	1/2	383.29	1/2	625.02	1/2	866.56	1/2	1,108.41	1/2	1,350.25	1/2	1,592.10	1/2	1,833.95	1/2	2,075.80	1/2	2,317.65
3/4	146.49	3/4	388.33	3/4	630.05	3/4	871.60	3/4	1,113.44	3/4	1,355.29	3/4	1,597.14	3/4	1,838.99	3/4	2,080.84	3/4	2,322.68
9	151.53	9	393.37	9	635.08	9	876.63	9	1,118.48	9	1,360.33	9	1,602.18	9	1,844.03	9	2,085.87	9	2,327.72
1/4	156.57	1/4	398.41	1/4	640.11	1/4	881.67	1/4	1,123.52	1/4	1,365.37	1/4	1,607.22	1/4	1,849.07	1/4	2,090.91	1/4	2,332.76
1/2	161.61	1/2	403.45	1/2	645.13	1/2	886.71	1/2	1,128.56	1/2	1,370.41	1/2	1,612.26	1/2	1,854.10	1/2	2,095.95	1/2	2,337.80
3/4	166.65	3/4	408.48	3/4	650.16	3/4	891.75	3/4	1,133.60	3/4	1,375.45	3/4	1,617.29	3/4	1,859.14	3/4	2,100.99	3/4	2,342.84
10	171.68	10	413.52	10	655.19	10	896.79	10	1,138.64	10	1,380.48	10	1,622.33	10	1,864.18	10	2,106.03	10	2,347.88
1/4	176.72	1/4	418.56	1/4	660.22	1/4	901.83	1/4	1,143.68	1/4	1,385.52	1/4	1,627.37	1/4	1,869.22	1/4	2,111.07	1/4	2,352.92
1/2	181.76	1/2	423.60	1/2	665.24	1/2	906.87	1/2	1,148.71	1/2	1,390.56	1/2	1,632.41	1/2	1,874.26	1/2	2,116.11	1/2	2,357.95
3/4	186.80	3/4	428.64	3/4	670.27	3/4	911.90	3/4	1,153.75	3/4	1,395.60	3/4	1,637.45	3/4	1,879.30	3/4	2,121.14	3/4	2,362.99
11	191.84	11	433.68	11	675.30	11	916.94	11	1,158.79	11	1,400.64	11	1,642.49	11	1,884.33	11	2,126.18	11	2,368.03
1/4	196.88	1/4	438.71	1/4	680.33	1/4	921.98	1/4	1,163.83	1/4	1,405.68	1/4	1,647.53	1/4	1,889.37	1/4	2,131.22	1/4	2,373.07
1/2	201.91	1/2	443.75	1/2	685.36	1/2	927.02	1/2	1,168.87	1/2	1,410.72	1/2	1,652.56	1/2	1,894.41	1/2	2,136.26	1/2	2,378.11
3/4	206.95	3/4	448.79	3/4	690.38	3/4	932.06	3/4	1,173.91	3/4	1,415.75	3/4	1,657.60	3/4	1,899.45	3/4	2,141.30	3/4	2,383.15

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 1209"

## 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	2,388.18	0	2,630.03	0	2,871.88	0	3,113.73	0	3,355.34	0		0		0		0		0	
1/4	2,393.22	1/4	2,635.07	1/4	2,876.92	1/4	3,118.77	1/4	3,359.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,398.26	1/2	2,640.11	1/2	2,881.96	1/2	3,123.81	1/2	3,363.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,403.30	3/4	2,645.15	3/4	2,887.00	3/4	3,128.84	3/4	3,367.93	3/4		3/4		3/4		3/4		3/4	
1	2,408.34	1	2,650.19	1	2,892.03	1	3,133.88	1	3,372.13	1		1		1		1		1	
1/4	2,413.38	1/4	2,655.23	1/4	2,897.07	1/4	3,138.92	1/4	3,374.65	1/4		1/4		1/4		1/4		1/4	
1/2	2,418.42	1/2	2,660.26	1/2	2,902.11	1/2	3,143.96	1/2	3,377.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,423.45	3/4	2,665.30	3/4	2,907.15	3/4	3,149.00	3/4	3,379.69	3/4		3/4		3/4		3/4		3/4	
2	2,428.49	2	2,670.34	2	2,912.19	2	3,154.04	2	3,382.21	2		2		2		2		2	
1/4	2,433.53	1/4	2,675.38	1/4	2,917.23	1/4	3,159.08	1/4	3,383.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,438.57	1/2	2,680.42	1/2	2,922.27	1/2	3,164.11	1/2	3,383.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,443.61	3/4	2,685.46	3/4	2,927.30	3/4	3,169.15	3/4	3,384.73	3/4		3/4		3/4		3/4		3/4	
3	2,448.65	3	2,690.49	3	2,932.34	3	3,174.19	3	3,385.57	3		3		3		3		3	
1/4	2,453.69	1/4	2,695.53	1/4	2,937.38	1/4	3,179.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,458.72	1/2	2,700.57	1/2	2,942.42	1/2	3,184.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,463.76	3/4	2,705.61	3/4	2,947.46	3/4	3,189.31	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,468.80	4	2,710.65	4	2,952.50	4	3,194.34	4		4		4		4		4		4	
1/4	2,473.84	1/4	2,715.69	1/4	2,957.54	1/4	3,199.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,478.88	1/2	2,720.73	1/2	2,962.57	1/2	3,204.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,483.92	3/4	2,725.76	3/4	2,967.61	3/4	3,209.46	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,488.95	5	2,730.80	5	2,972.65	5	3,214.50	5		5		5		5		5		5	
1/4	2,493.99	1/4	2,735.84	1/4	2,977.69	1/4	3,219.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,499.03	1/2	2,740.88	1/2	2,982.73	1/2	3,224.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,504.07	3/4	2,745.92	3/4	2,987.77	3/4	3,229.61	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,509.11	6	2,750.96	6	2,992.80	6	3,234.65	6		6		6		6		6		6	
1/4	2,514.15	1/4	2,756.00	1/4	2,997.84	1/4	3,239.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,519.19	1/2	2,761.03	1/2	3,002.88	1/2	3,244.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,524.22	3/4	2,766.07	3/4	3,007.92	3/4	3,249.77	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,529.26	7	2,771.11	7	3,012.96	7	3,254.81	7		7		7		7		7		7	
1/4	2,534.30	1/4	2,776.15	1/4	3,018.00	1/4	3,259.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,539.34	1/2	2,781.19	1/2	3,023.04	1/2	3,264.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,544.38	3/4	2,786.23	3/4	3,028.07	3/4	3,269.92	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,549.42	8	2,791.26	8	3,033.11	8	3,274.96	8		8		8		8		8		8	
1/4	2,554.46	1/4	2,796.30	1/4	3,038.15	1/4	3,280.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,559.49	1/2	2,801.34	1/2	3,043.19	1/2	3,285.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,564.53	3/4	2,806.38	3/4	3,048.23	3/4	3,290.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,569.57	9	2,811.42	9	3,053.27	9	3,295.11	9		9		9		9		9		9	
1/4	2,574.61	1/4	2,816.46	1/4	3,058.31	1/4	3,300.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,579.65	1/2	2,821.50	1/2	3,063.34	1/2	3,305.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,584.69	3/4	2,826.53	3/4	3,068.38	3/4	3,310.22	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,589.72	10	2,831.57	10	3,073.42	10	3,315.26	10		10		10		10		10		10	
1/4	2,594.76	1/4	2,836.61	1/4	3,078.46	1/4	3,320.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,599.80	1/2	2,841.65	1/2	3,083.50	1/2	3,325.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,604.84	3/4	2,846.69	3/4	3,088.54	3/4	3,330.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,609.88	11	2,851.73	11	3,093.57	11	3,335.36	11		11		11		11		11		11	
1/4	2,614.92	1/4	2,856.77	1/4	3,098.61	1/4	3,340.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,619.96	1/2	2,861.80	1/2	3,103.65	1/2	3,345.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,624.99	3/4	2,866.84	3/4	3,108.69	3/4	3,350.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2018 CL  
CALCULATED: 02/22/2018 CL  
PRINTED: 02/23/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2018

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