



BARGE "IB 1110"

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"

May 23, 2018

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "IB 1110"

1 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	6.11	0	275.58	0	572.61	0	865.69	0	1,160.49	0	1,457.35	0	1,753.83	0	2,050.85	0	2,347.87	0	2,644.88
1/4	8.17	1/4	281.76	1/4	578.80	1/4	871.73	1/4	1,166.68	1/4	1,463.52	1/4	1,760.02	1/4	2,057.04	1/4	2,354.05	1/4	2,651.07
1/2	10.24	1/2	287.95	1/2	584.99	1/2	877.77	1/2	1,172.86	1/2	1,469.70	1/2	1,766.20	1/2	2,063.23	1/2	2,360.24	1/2	2,657.26
3/4	12.31	3/4	294.14	3/4	591.18	3/4	883.80	3/4	1,179.05	3/4	1,475.87	3/4	1,772.39	3/4	2,069.42	3/4	2,366.43	3/4	2,663.44
1	14.37	1	300.33	1	597.36	1	889.84	1	1,185.23	1	1,482.04	1	1,778.58	1	2,075.60	1	2,372.62	1	2,669.63
1/4	18.50	1/4	306.52	1/4	603.55	1/4	895.88	1/4	1,191.42	1/4	1,488.22	1/4	1,784.77	1/4	2,081.79	1/4	2,378.80	1/4	2,675.82
1/2	22.63	1/2	312.71	1/2	609.74	1/2	901.91	1/2	1,197.60	1/2	1,494.39	1/2	1,790.96	1/2	2,087.98	1/2	2,384.99	1/2	2,682.01
3/4	26.76	3/4	318.90	3/4	615.93	3/4	907.95	3/4	1,203.79	3/4	1,500.56	3/4	1,797.14	3/4	2,094.17	3/4	2,391.18	3/4	2,688.20
2	30.89	2	325.08	2	622.12	2	913.99	2	1,209.97	2	1,506.74	2	1,803.33	2	2,100.36	2	2,397.37	2	2,694.38
1/4	36.50	1/4	331.27	1/4	628.31	1/4	920.02	1/4	1,216.16	1/4	1,512.91	1/4	1,809.52	1/4	2,106.54	1/4	2,403.55	1/4	2,700.57
1/2	42.12	1/2	337.46	1/2	634.49	1/2	926.06	1/2	1,222.34	1/2	1,519.09	1/2	1,815.71	1/2	2,112.73	1/2	2,409.74	1/2	2,706.76
3/4	47.73	3/4	343.65	3/4	640.68	3/4	932.10	3/4	1,228.53	3/4	1,525.26	3/4	1,821.90	3/4	2,118.92	3/4	2,415.93	3/4	2,712.95
3	53.35	3	349.84	3	646.87	3	938.13	3	1,234.71	3	1,531.43	3	1,828.08	3	2,125.11	3	2,422.11	3	2,719.14
1/4	59.45	1/4	356.02	1/4	653.06	1/4	944.24	1/4	1,240.90	1/4	1,537.61	1/4	1,834.27	1/4	2,131.30	1/4	2,428.30	1/4	2,725.32
1/2	65.55	1/2	362.21	1/2	659.25	1/2	950.35	1/2	1,247.08	1/2	1,543.78	1/2	1,840.46	1/2	2,137.48	1/2	2,434.49	1/2	2,731.51
3/4	71.65	3/4	368.40	3/4	665.43	3/4	956.47	3/4	1,253.27	3/4	1,549.95	3/4	1,846.65	3/4	2,143.67	3/4	2,440.68	3/4	2,737.70
4	77.75	4	374.59	4	671.62	4	962.58	4	1,259.45	4	1,556.13	4	1,852.84	4	2,149.86	4	2,446.86	4	2,743.89
1/4	83.89	1/4	380.78	1/4	677.81	1/4	968.76	1/4	1,265.64	1/4	1,562.30	1/4	1,859.02	1/4	2,156.05	1/4	2,453.05	1/4	2,750.08
1/2	90.04	1/2	386.97	1/2	684.00	1/2	974.95	1/2	1,271.82	1/2	1,568.47	1/2	1,865.21	1/2	2,162.24	1/2	2,459.24	1/2	2,756.26
3/4	96.18	3/4	393.15	3/4	690.19	3/4	981.13	3/4	1,278.01	3/4	1,574.65	3/4	1,871.40	3/4	2,168.42	3/4	2,465.43	3/4	2,762.45
5	102.33	5	399.34	5	696.38	5	987.32	5	1,284.19	5	1,580.82	5	1,877.59	5	2,174.61	5	2,471.62	5	2,768.64
1/4	108.50	1/4	405.53	1/4	702.49	1/4	993.50	1/4	1,290.38	1/4	1,587.00	1/4	1,883.78	1/4	2,180.80	1/4	2,477.80	1/4	2,774.83
1/2	114.67	1/2	411.72	1/2	708.60	1/2	999.69	1/2	1,296.56	1/2	1,593.17	1/2	1,889.96	1/2	2,186.99	1/2	2,483.99	1/2	2,781.02
3/4	120.84	3/4	417.91	3/4	714.71	3/4	1,005.87	3/4	1,302.75	3/4	1,599.34	3/4	1,896.15	3/4	2,193.18	3/4	2,490.18	3/4	2,787.20
6	127.01	6	424.10	6	720.83	6	1,012.06	6	1,308.93	6	1,605.52	6	1,902.34	6	2,199.36	6	2,496.37	6	2,793.39
1/4	133.20	1/4	430.28	1/4	726.86	1/4	1,018.24	1/4	1,315.12	1/4	1,611.69	1/4	1,908.53	1/4	2,205.55	1/4	2,502.56	1/4	2,799.58
1/2	139.38	1/2	436.47	1/2	732.90	1/2	1,024.43	1/2	1,321.30	1/2	1,617.86	1/2	1,914.72	1/2	2,211.74	1/2	2,508.74	1/2	2,805.77
3/4	145.57	3/4	442.66	3/4	738.93	3/4	1,030.61	3/4	1,327.49	3/4	1,624.04	3/4	1,920.90	3/4	2,217.93	3/4	2,514.93	3/4	2,811.96
7	151.75	7	448.85	7	744.97	7	1,036.80	7	1,333.67	7	1,630.21	7	1,927.09	7	2,224.12	7	2,521.12	7	2,818.14
1/4	157.94	1/4	455.04	1/4	751.01	1/4	1,042.98	1/4	1,339.86	1/4	1,636.39	1/4	1,933.28	1/4	2,230.30	1/4	2,527.31	1/4	2,824.33
1/2	164.13	1/2	461.22	1/2	757.04	1/2	1,049.17	1/2	1,346.04	1/2	1,642.56	1/2	1,939.47	1/2	2,236.49	1/2	2,533.50	1/2	2,830.52
3/4	170.32	3/4	467.41	3/4	763.08	3/4	1,055.35	3/4	1,352.23	3/4	1,648.73	3/4	1,945.66	3/4	2,242.68	3/4	2,539.68	3/4	2,836.71
8	176.51	8	473.60	8	769.12	8	1,061.54	8	1,358.41	8	1,654.91	8	1,951.84	8	2,248.87	8	2,545.87	8	2,842.90
1/4	182.70	1/4	479.79	1/4	775.15	1/4	1,067.72	1/4	1,364.60	1/4	1,661.08	1/4	1,958.03	1/4	2,255.06	1/4	2,552.06	1/4	2,849.08
1/2	188.89	1/2	485.98	1/2	781.19	1/2	1,073.90	1/2	1,370.78	1/2	1,667.25	1/2	1,964.22	1/2	2,261.24	1/2	2,558.25	1/2	2,855.27
3/4	195.09	3/4	492.17	3/4	787.22	3/4	1,080.09	3/4	1,376.96	3/4	1,673.43	3/4	1,970.41	3/4	2,267.43	3/4	2,564.44	3/4	2,861.46
9	201.28	9	498.35	9	793.26	9	1,086.27	9	1,383.15	9	1,679.60	9	1,976.60	9	2,273.62	9	2,570.62	9	2,867.65
1/4	207.47	1/4	504.54	1/4	799.30	1/4	1,092.46	1/4	1,389.33	1/4	1,685.78	1/4	1,982.78	1/4	2,279.81	1/4	2,576.81	1/4	2,873.83
1/2	213.67	1/2	510.73	1/2	805.33	1/2	1,098.64	1/2	1,395.52	1/2	1,691.96	1/2	1,988.97	1/2	2,285.99	1/2	2,583.00	1/2	2,879.12
3/4	219.86	3/4	516.92	3/4	811.37	3/4	1,104.83	3/4	1,401.70	3/4	1,698.14	3/4	1,995.16	3/4	2,292.18	3/4	2,589.19	3/4	2,884.85
10	226.06	10	523.11	10	817.40	10	1,111.01	10	1,407.89	10	1,704.32	10	2,001.35	10	2,298.37	10	2,595.38	10	2,890.59
1/4	232.25	1/4	529.29	1/4	823.44	1/4	1,117.20	1/4	1,414.07	1/4	1,710.51	1/4	2,007.54	1/4	2,304.56	1/4	2,601.56	1/4	2,895.87
1/2	238.44	1/2	535.48	1/2	829.48	1/2	1,123.38	1/2	1,420.26	1/2	1,716.70	1/2	2,013.72	1/2	2,310.74	1/2	2,607.75	1/2	2,901.16
3/4	244.63	3/4	541.67	3/4	835.51	3/4	1,129.57	3/4	1,426.44	3/4	1,722.89	3/4	2,019.91	3/4	2,316.93	3/4	2,613.94	3/4	2,906.45
11	250.82	11	547.86	11	841.55	11	1,135.75	11	1,432.63	11	1,729.08	11	2,026.10	11	2,323.12	11	2,620.13	11	2,911.73
1/4	257.01	1/4	554.05	1/4	847.59	1/4	1,141.94	1/4	1,438.81	1/4	1,735.26	1/4	2,032.29	1/4	2,329.30	1/4	2,626.32	1/4	2,917.02
1/2	263.20	1/2	560.24	1/2	853.62	1/2	1,148.12	1/2	1,444.99	1/2	1,741.45	1/2	2,038.48	1/2	2,335.49	1/2	2,632.50	1/2	2,922.32
3/4	269.39	3/4	566.42	3/4	859.66	3/4	1,154.31	3/4	1,451.17	3/4	1,747.64	3/4	2,044.66	3/4	2,341.68	3/4	2,638.69	3/4	2,927.61

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
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BARGE "IB 1110"

1 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	2,932.90	0	3,186.96	0	3,441.02	0	3,695.08	0	3,947.74	0		0		0		0		0	
1/4	2,938.20	1/4	3,192.26	1/4	3,446.31	1/4	3,700.37	1/4	3,951.44	1/4		1/4		1/4		1/4		1/4	
1/2	2,943.49	1/2	3,197.55	1/2	3,451.61	1/2	3,705.67	1/2	3,955.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,948.78	3/4	3,202.84	3/4	3,456.90	3/4	3,710.96	3/4	3,958.84	3/4		3/4		3/4		3/4		3/4	
1	2,954.07	1	3,208.13	1	3,462.19	1	3,716.25	1	3,962.54	1		1		1		1		1	
1/4	2,959.37	1/4	3,213.43	1/4	3,467.49	1/4	3,721.55	1/4	3,964.67	1/4		1/4		1/4		1/4		1/4	
1/2	2,964.66	1/2	3,218.72	1/2	3,472.78	1/2	3,726.84	1/2	3,966.80	1/2		1/2		1/2		1/2		1/2	
3/4	2,969.95	3/4	3,224.01	3/4	3,478.07	3/4	3,732.13	3/4	3,968.93	3/4		3/4		3/4		3/4		3/4	
2	2,975.25	2	3,229.31	2	3,483.36	2	3,737.42	2	3,971.06	2		2		2		2		2	
1/4	2,980.54	1/4	3,234.60	1/4	3,488.66	1/4	3,742.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,985.83	1/2	3,239.89	1/2	3,493.95	1/2	3,748.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,991.12	3/4	3,245.18	3/4	3,499.24	3/4	3,753.30	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,996.42	3	3,250.48	3	3,504.54	3	3,758.60	3		3		3		3		3		3	
1/4	3,001.71	1/4	3,255.77	1/4	3,509.83	1/4	3,763.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,007.00	1/2	3,261.06	1/2	3,515.12	1/2	3,769.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,012.30	3/4	3,266.36	3/4	3,520.41	3/4	3,774.47	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,017.59	4	3,271.65	4	3,525.71	4	3,779.77	4		4		4		4		4		4	
1/4	3,022.88	1/4	3,276.94	1/4	3,531.00	1/4	3,785.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,028.18	1/2	3,282.23	1/2	3,536.29	1/2	3,790.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,033.47	3/4	3,287.53	3/4	3,541.59	3/4	3,795.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,038.76	5	3,292.82	5	3,546.88	5	3,800.94	5		5		5		5		5		5	
1/4	3,044.05	1/4	3,298.11	1/4	3,552.17	1/4	3,806.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,049.35	1/2	3,303.41	1/2	3,557.47	1/2	3,811.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,054.64	3/4	3,308.70	3/4	3,562.76	3/4	3,816.82	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,059.93	6	3,313.99	6	3,568.05	6	3,822.11	6		6		6		6		6		6	
1/4	3,065.23	1/4	3,319.28	1/4	3,573.34	1/4	3,827.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,070.52	1/2	3,324.58	1/2	3,578.64	1/2	3,832.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,075.81	3/4	3,329.87	3/4	3,583.93	3/4	3,837.99	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,081.10	7	3,335.16	7	3,589.22	7	3,843.28	7		7		7		7		7		7	
1/4	3,086.40	1/4	3,340.46	1/4	3,594.52	1/4	3,848.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,091.69	1/2	3,345.75	1/2	3,599.81	1/2	3,853.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,096.98	3/4	3,351.04	3/4	3,605.10	3/4	3,859.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,102.28	8	3,356.34	8	3,610.39	8	3,864.45	8		8		8		8		8		8	
1/4	3,107.57	1/4	3,361.63	1/4	3,615.69	1/4	3,869.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,112.86	1/2	3,366.92	1/2	3,620.98	1/2	3,875.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,118.15	3/4	3,372.21	3/4	3,626.27	3/4	3,880.33	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,123.45	9	3,377.51	9	3,631.57	9	3,885.62	9		9		9		9		9		9	
1/4	3,128.74	1/4	3,382.80	1/4	3,636.86	1/4	3,890.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,134.03	1/2	3,388.09	1/2	3,642.15	1/2	3,896.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,139.33	3/4	3,393.39	3/4	3,647.44	3/4	3,901.48	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,144.62	10	3,398.68	10	3,652.74	10	3,906.77	10		10		10		10		10		10	
1/4	3,149.91	1/4	3,403.97	1/4	3,658.03	1/4	3,912.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,155.20	1/2	3,409.26	1/2	3,663.32	1/2	3,917.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,160.50	3/4	3,414.56	3/4	3,668.62	3/4	3,922.58	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,165.79	11	3,419.85	11	3,673.91	11	3,927.84	11		11		11		11		11		11	
1/4	3,171.08	1/4	3,425.14	1/4	3,679.20	1/4	3,932.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,176.38	1/2	3,430.44	1/2	3,684.49	1/2	3,937.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,181.67	3/4	3,435.73	3/4	3,689.79	3/4	3,942.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2018 CL
CALCULATED: 05/23/2018 CL
PRINTED: 05/23/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "IB 1110"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02"

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	240.92	0	504.12	0	763.43	0	1,024.55	0	1,287.76	0	1,550.98	0	1,814.19	0	2,077.40	0	2,340.61
1/4	4.28	1/4	246.40	1/4	509.61	1/4	768.76	1/4	1,030.03	1/4	1,293.25	1/4	1,556.46	1/4	1,819.67	1/4	2,082.88	1/4	2,346.10
1/2	6.11	1/2	251.89	1/2	515.09	1/2	774.09	1/2	1,035.52	1/2	1,298.73	1/2	1,561.94	1/2	1,825.16	1/2	2,088.37	1/2	2,351.58
3/4	7.94	3/4	257.37	3/4	520.57	3/4	779.43	3/4	1,041.00	3/4	1,304.21	3/4	1,567.43	3/4	1,830.64	3/4	2,093.85	3/4	2,357.06
1	9.76	1	262.85	1	526.06	1	784.76	1	1,046.48	1	1,309.70	1	1,572.91	1	1,836.12	1	2,099.34	1	2,362.55
1/4	13.42	1/4	268.34	1/4	531.54	1/4	790.09	1/4	1,051.97	1/4	1,315.18	1/4	1,578.39	1/4	1,841.61	1/4	2,104.82	1/4	2,368.03
1/2	17.07	1/2	273.82	1/2	537.02	1/2	795.43	1/2	1,057.45	1/2	1,320.66	1/2	1,583.88	1/2	1,847.09	1/2	2,110.30	1/2	2,373.52
3/4	20.72	3/4	279.30	3/4	542.51	3/4	800.76	3/4	1,062.93	3/4	1,326.15	3/4	1,589.36	3/4	1,852.57	3/4	2,115.79	3/4	2,379.00
2	24.37	2	284.79	2	547.99	2	806.10	2	1,068.42	2	1,331.63	2	1,594.84	2	1,858.06	2	2,121.27	2	2,384.48
1/4	29.34	1/4	290.27	1/4	553.47	1/4	811.43	1/4	1,073.90	1/4	1,337.11	1/4	1,600.33	1/4	1,863.54	1/4	2,126.75	1/4	2,389.97
1/2	34.30	1/2	295.75	1/2	558.96	1/2	816.77	1/2	1,079.39	1/2	1,342.60	1/2	1,605.81	1/2	1,869.02	1/2	2,132.24	1/2	2,395.45
3/4	39.27	3/4	301.24	3/4	564.44	3/4	822.10	3/4	1,084.87	3/4	1,348.08	3/4	1,611.29	3/4	1,874.51	3/4	2,137.72	3/4	2,400.93
3	44.23	3	306.72	3	569.92	3	827.44	3	1,090.35	3	1,353.57	3	1,616.78	3	1,879.99	3	2,143.20	3	2,406.42
1/4	49.63	1/4	312.20	1/4	575.41	1/4	832.85	1/4	1,095.84	1/4	1,359.05	1/4	1,622.26	1/4	1,885.47	1/4	2,148.69	1/4	2,411.90
1/2	55.02	1/2	317.69	1/2	580.89	1/2	838.26	1/2	1,101.32	1/2	1,364.53	1/2	1,627.75	1/2	1,890.96	1/2	2,154.17	1/2	2,417.38
3/4	60.42	3/4	323.17	3/4	586.37	3/4	843.67	3/4	1,106.80	3/4	1,370.02	3/4	1,633.23	3/4	1,896.44	3/4	2,159.65	3/4	2,422.87
4	65.81	4	328.65	4	591.86	4	849.07	4	1,112.29	4	1,375.50	4	1,638.71	4	1,901.93	4	2,165.14	4	2,428.35
1/4	71.25	1/4	334.14	1/4	597.34	1/4	854.56	1/4	1,117.77	1/4	1,380.98	1/4	1,644.20	1/4	1,907.41	1/4	2,170.62	1/4	2,433.83
1/2	76.68	1/2	339.62	1/2	602.82	1/2	860.04	1/2	1,123.25	1/2	1,386.47	1/2	1,649.68	1/2	1,912.89	1/2	2,176.11	1/2	2,439.32
3/4	82.12	3/4	345.11	3/4	608.31	3/4	865.53	3/4	1,128.74	3/4	1,391.95	3/4	1,655.16	3/4	1,918.38	3/4	2,181.59	3/4	2,444.80
5	87.55	5	350.59	5	613.79	5	871.01	5	1,134.22	5	1,397.43	5	1,660.65	5	1,923.86	5	2,187.07	5	2,450.29
1/4	93.01	1/4	356.07	1/4	619.20	1/4	876.49	1/4	1,139.71	1/4	1,402.92	1/4	1,666.13	1/4	1,929.34	1/4	2,192.56	1/4	2,455.77
1/2	98.47	1/2	361.56	1/2	624.61	1/2	881.98	1/2	1,145.19	1/2	1,408.40	1/2	1,671.61	1/2	1,934.83	1/2	2,198.04	1/2	2,461.25
3/4	103.92	3/4	367.04	3/4	630.02	3/4	887.46	3/4	1,150.67	3/4	1,413.89	3/4	1,677.10	3/4	1,940.31	3/4	2,203.52	3/4	2,466.74
6	109.38	6	372.52	6	635.42	6	892.94	6	1,156.16	6	1,419.37	6	1,682.58	6	1,945.79	6	2,209.01	6	2,472.22
1/4	114.85	1/4	378.01	1/4	640.76	1/4	898.43	1/4	1,161.64	1/4	1,424.85	1/4	1,688.07	1/4	1,951.28	1/4	2,214.49	1/4	2,477.70
1/2	120.33	1/2	383.49	1/2	646.09	1/2	903.91	1/2	1,167.12	1/2	1,430.34	1/2	1,693.55	1/2	1,956.76	1/2	2,219.97	1/2	2,483.19
3/4	125.80	3/4	388.97	3/4	651.42	3/4	909.39	3/4	1,172.61	3/4	1,435.82	3/4	1,699.03	3/4	1,962.25	3/4	2,225.46	3/4	2,488.67
7	131.27	7	394.46	7	656.76	7	914.88	7	1,178.09	7	1,441.30	7	1,704.52	7	1,967.73	7	2,230.94	7	2,494.15
1/4	136.75	1/4	399.94	1/4	662.09	1/4	920.36	1/4	1,183.57	1/4	1,446.79	1/4	1,710.00	1/4	1,973.21	1/4	2,236.43	1/4	2,499.64
1/2	142.23	1/2	405.42	1/2	667.42	1/2	925.84	1/2	1,189.06	1/2	1,452.27	1/2	1,715.48	1/2	1,978.70	1/2	2,241.91	1/2	2,505.12
3/4	147.71	3/4	410.91	3/4	672.76	3/4	931.33	3/4	1,194.54	3/4	1,457.75	3/4	1,720.97	3/4	1,984.18	3/4	2,247.39	3/4	2,510.61
8	153.19	8	416.39	8	678.09	8	936.81	8	1,200.02	8	1,463.24	8	1,726.45	8	1,989.66	8	2,252.88	8	2,516.09
1/4	158.67	1/4	421.87	1/4	683.43	1/4	942.30	1/4	1,205.51	1/4	1,468.72	1/4	1,731.93	1/4	1,995.15	1/4	2,258.36	1/4	2,521.57
1/2	164.16	1/2	427.36	1/2	688.76	1/2	947.78	1/2	1,210.99	1/2	1,474.20	1/2	1,737.42	1/2	2,000.63	1/2	2,263.84	1/2	2,527.06
3/4	169.64	3/4	432.84	3/4	694.09	3/4	953.26	3/4	1,216.48	3/4	1,479.69	3/4	1,742.90	3/4	2,006.11	3/4	2,269.33	3/4	2,532.54
9	175.12	9	438.32	9	699.43	9	958.75	9	1,221.96	9	1,485.17	9	1,748.38	9	2,011.60	9	2,274.81	9	2,538.02
1/4	180.60	1/4	443.81	1/4	704.76	1/4	964.23	1/4	1,227.44	1/4	1,490.66	1/4	1,753.87	1/4	2,017.08	1/4	2,280.29	1/4	2,543.51
1/2	186.09	1/2	449.29	1/2	710.09	1/2	969.71	1/2	1,232.93	1/2	1,496.14	1/2	1,759.35	1/2	2,022.56	1/2	2,285.78	1/2	2,548.99
3/4	191.57	3/4	454.77	3/4	715.43	3/4	975.20	3/4	1,238.41	3/4	1,501.62	3/4	1,764.84	3/4	2,028.05	3/4	2,291.26	3/4	2,554.47
10	197.05	10	460.26	10	720.76	10	980.68	10	1,243.89	10	1,507.11	10	1,770.32	10	2,033.53	10	2,296.74	10	2,559.96
1/4	202.54	1/4	465.74	1/4	726.09	1/4	986.16	1/4	1,249.38	1/4	1,512.59	1/4	1,775.80	1/4	2,039.02	1/4	2,302.23	1/4	2,565.44
1/2	208.02	1/2	471.22	1/2	731.43	1/2	991.65	1/2	1,254.86	1/2	1,518.07	1/2	1,781.29	1/2	2,044.50	1/2	2,307.71	1/2	2,570.92
3/4	213.50	3/4	476.71	3/4	736.76	3/4	997.13	3/4	1,260.34	3/4	1,523.56	3/4	1,786.77	3/4	2,049.98	3/4	2,313.20	3/4	2,576.41
11	218.99	11	482.19	11	742.09	11	1,002.62	11	1,265.83	11	1,529.04	11	1,792.25	11	2,055.47	11	2,318.68	11	2,581.89
1/4	224.47	1/4	487.67	1/4	747.43	1/4	1,008.10	1/4	1,271.31	1/4	1,534.52	1/4	1,797.74	1/4	2,060.95	1/4	2,324.16	1/4	2,587.38
1/2	229.95	1/2	493.16	1/2	752.76	1/2	1,013.58	1/2	1,276.80	1/2	1,540.01	1/2	1,803.22	1/2	2,066.43	1/2	2,329.65	1/2	2,592.86
3/4	235.44	3/4	498.64	3/4	758.09	3/4	1,019.07	3/4	1,282.28	3/4	1,545.49	3/4	1,808.70	3/4	2,071.92	3/4	2,335.13	3/4	2,598.34

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 1110"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02"

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	2,603.83	0	2,867.04	0	3,130.25	0	3,393.46	0	3,655.44	0		0		0		0		0	
1/4	2,609.31	1/4	2,872.52	1/4	3,135.74	1/4	3,398.95	1/4	3,659.52	1/4		1/4		1/4		1/4		1/4	
1/2	2,614.79	1/2	2,878.01	1/2	3,141.22	1/2	3,404.43	1/2	3,663.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,620.28	3/4	2,883.49	3/4	3,146.70	3/4	3,409.92	3/4	3,667.67	3/4		3/4		3/4		3/4		3/4	
1	2,625.76	1	2,888.97	1	3,152.19	1	3,415.40	1	3,671.74	1		1		1		1		1	
1/4	2,631.24	1/4	2,894.46	1/4	3,157.67	1/4	3,420.88	1/4	3,674.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,636.73	1/2	2,899.94	1/2	3,163.15	1/2	3,426.37	1/2	3,676.31	1/2		1/2		1/2		1/2		1/2	
3/4	2,642.21	3/4	2,905.42	3/4	3,168.64	3/4	3,431.85	3/4	3,678.60	3/4		3/4		3/4		3/4		3/4	
2	2,647.70	2	2,910.91	2	3,174.12	2	3,437.33	2	3,680.88	2		2		2		2		2	
1/4	2,653.18	1/4	2,916.39	1/4	3,179.60	1/4	3,442.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,658.66	1/2	2,921.88	1/2	3,185.09	1/2	3,448.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,664.15	3/4	2,927.36	3/4	3,190.57	3/4	3,453.78	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,669.63	3	2,932.84	3	3,196.06	3	3,459.27	3		3		3		3		3		3	
1/4	2,675.11	1/4	2,938.33	1/4	3,201.54	1/4	3,464.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,680.60	1/2	2,943.81	1/2	3,207.02	1/2	3,470.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,686.08	3/4	2,949.29	3/4	3,212.51	3/4	3,475.72	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,691.56	4	2,954.78	4	3,217.99	4	3,481.20	4		4		4		4		4		4	
1/4	2,697.05	1/4	2,960.26	1/4	3,223.47	1/4	3,486.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,702.53	1/2	2,965.74	1/2	3,228.96	1/2	3,492.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,708.01	3/4	2,971.23	3/4	3,234.44	3/4	3,497.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,713.50	5	2,976.71	5	3,239.92	5	3,503.14	5		5		5		5		5		5	
1/4	2,718.98	1/4	2,982.19	1/4	3,245.41	1/4	3,508.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,724.47	1/2	2,987.68	1/2	3,250.89	1/2	3,514.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,729.95	3/4	2,993.16	3/4	3,256.37	3/4	3,519.59	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,735.43	6	2,998.65	6	3,261.86	6	3,525.07	6		6		6		6		6		6	
1/4	2,740.92	1/4	3,004.13	1/4	3,267.34	1/4	3,530.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,746.40	1/2	3,009.61	1/2	3,272.83	1/2	3,536.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,751.88	3/4	3,015.10	3/4	3,278.31	3/4	3,541.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,757.37	7	3,020.58	7	3,283.79	7	3,547.01	7		7		7		7		7		7	
1/4	2,762.85	1/4	3,026.06	1/4	3,289.28	1/4	3,552.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,768.33	1/2	3,031.55	1/2	3,294.76	1/2	3,557.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,773.82	3/4	3,037.03	3/4	3,300.24	3/4	3,563.46	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,779.30	8	3,042.51	8	3,305.73	8	3,568.94	8		8		8		8		8		8	
1/4	2,784.79	1/4	3,048.00	1/4	3,311.21	1/4	3,574.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,790.27	1/2	3,053.48	1/2	3,316.69	1/2	3,579.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,795.75	3/4	3,058.97	3/4	3,322.18	3/4	3,585.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,801.24	9	3,064.45	9	3,327.66	9	3,590.87	9		9		9		9		9		9	
1/4	2,806.72	1/4	3,069.93	1/4	3,333.15	1/4	3,596.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,812.20	1/2	3,075.42	1/2	3,338.63	1/2	3,601.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,817.69	3/4	3,080.90	3/4	3,344.11	3/4	3,607.31	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,823.17	10	3,086.38	10	3,349.60	10	3,612.79	10		10		10		10		10		10	
1/4	2,828.65	1/4	3,091.87	1/4	3,355.08	1/4	3,618.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,834.14	1/2	3,097.35	1/2	3,360.56	1/2	3,623.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,839.62	3/4	3,102.83	3/4	3,366.05	3/4	3,629.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,845.10	11	3,108.32	11	3,371.53	11	3,634.64	11		11		11		11		11		11	
1/4	2,850.59	1/4	3,113.80	1/4	3,377.01	1/4	3,639.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,856.07	1/2	3,119.28	1/2	3,382.50	1/2	3,645.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,861.56	3/4	3,124.77	3/4	3,387.98	3/4	3,650.24	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2018 CL
CALCULATED: 05/23/2018 CL
PRINTED: 05/23/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "IB 1110"

3 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	2.44	0	238.95	0	499.98	0	760.75	0	1,021.66	0	1,282.71	0	1,543.75	0	1,804.80	0	2,065.85	0	2,326.90
1/4	4.25	1/4	244.38	1/4	505.42	1/4	766.18	1/4	1,027.10	1/4	1,288.14	1/4	1,549.19	1/4	1,810.24	1/4	2,071.29	1/4	2,332.34
1/2	6.06	1/2	249.82	1/2	510.86	1/2	771.60	1/2	1,032.53	1/2	1,293.58	1/2	1,554.63	1/2	1,815.68	1/2	2,076.73	1/2	2,337.77
3/4	7.88	3/4	255.26	3/4	516.30	3/4	777.03	3/4	1,037.97	3/4	1,299.02	3/4	1,560.07	3/4	1,821.12	3/4	2,082.17	3/4	2,343.21
1	9.69	1	260.70	1	521.74	1	782.46	1	1,043.41	1	1,304.46	1	1,565.51	1	1,826.56	1	2,087.60	1	2,348.65
1/4	13.31	1/4	266.14	1/4	527.18	1/4	787.89	1/4	1,048.85	1/4	1,309.90	1/4	1,570.95	1/4	1,831.99	1/4	2,093.04	1/4	2,354.09
1/2	16.93	1/2	271.58	1/2	532.61	1/2	793.32	1/2	1,054.29	1/2	1,315.34	1/2	1,576.38	1/2	1,837.43	1/2	2,098.48	1/2	2,359.53
3/4	20.55	3/4	277.01	3/4	538.05	3/4	798.74	3/4	1,059.73	3/4	1,320.78	3/4	1,581.82	3/4	1,842.87	3/4	2,103.92	3/4	2,364.97
2	24.18	2	282.45	2	543.49	2	804.17	2	1,065.17	2	1,326.21	2	1,587.26	2	1,848.31	2	2,109.36	2	2,370.41
1/4	29.10	1/4	287.89	1/4	548.93	1/4	809.60	1/4	1,070.60	1/4	1,331.65	1/4	1,592.70	1/4	1,853.75	1/4	2,114.80	1/4	2,375.84
1/2	34.03	1/2	293.33	1/2	554.37	1/2	815.03	1/2	1,076.04	1/2	1,337.09	1/2	1,598.14	1/2	1,859.19	1/2	2,120.23	1/2	2,381.28
3/4	38.95	3/4	298.77	3/4	559.81	3/4	820.46	3/4	1,081.48	3/4	1,342.53	3/4	1,603.58	3/4	1,864.63	3/4	2,125.67	3/4	2,386.72
3	43.88	3	304.21	3	565.24	3	825.89	3	1,086.92	3	1,347.97	3	1,609.02	3	1,870.06	3	2,131.11	3	2,392.16
1/4	49.23	1/4	309.64	1/4	570.68	1/4	831.32	1/4	1,092.36	1/4	1,353.41	1/4	1,614.45	1/4	1,875.50	1/4	2,136.55	1/4	2,397.60
1/2	54.58	1/2	315.08	1/2	576.12	1/2	836.76	1/2	1,097.80	1/2	1,358.84	1/2	1,619.89	1/2	1,880.94	1/2	2,141.99	1/2	2,403.04
3/4	59.93	3/4	320.52	3/4	581.56	3/4	842.19	3/4	1,103.24	3/4	1,364.28	3/4	1,625.33	3/4	1,886.38	3/4	2,147.43	3/4	2,408.48
4	65.28	4	325.96	4	587.00	4	847.63	4	1,108.67	4	1,369.72	4	1,630.77	4	1,891.82	4	2,152.87	4	2,413.91
1/4	70.67	1/4	331.40	1/4	592.44	1/4	853.06	1/4	1,114.11	1/4	1,375.16	1/4	1,636.21	1/4	1,897.26	1/4	2,158.30	1/4	2,419.35
1/2	76.06	1/2	336.84	1/2	597.87	1/2	858.50	1/2	1,119.55	1/2	1,380.60	1/2	1,641.65	1/2	1,902.69	1/2	2,163.74	1/2	2,424.79
3/4	81.45	3/4	342.27	3/4	603.31	3/4	863.94	3/4	1,124.99	3/4	1,386.04	3/4	1,647.09	3/4	1,908.13	3/4	2,169.18	3/4	2,430.23
5	86.84	5	347.71	5	608.75	5	869.38	5	1,130.43	5	1,391.48	5	1,652.52	5	1,913.57	5	2,174.62	5	2,435.67
1/4	92.25	1/4	353.15	1/4	614.18	1/4	874.82	1/4	1,135.87	1/4	1,396.91	1/4	1,657.96	1/4	1,919.01	1/4	2,180.06	1/4	2,441.11
1/2	97.66	1/2	358.59	1/2	619.62	1/2	880.26	1/2	1,141.30	1/2	1,402.35	1/2	1,663.40	1/2	1,924.45	1/2	2,185.50	1/2	2,446.54
3/4	103.08	3/4	364.03	3/4	625.05	3/4	885.70	3/4	1,146.74	3/4	1,407.79	3/4	1,668.84	3/4	1,929.89	3/4	2,190.94	3/4	2,451.98
6	108.49	6	369.47	6	630.48	6	891.13	6	1,152.18	6	1,413.23	6	1,674.28	6	1,935.33	6	2,196.37	6	2,457.42
1/4	113.92	1/4	374.90	1/4	635.91	1/4	896.57	1/4	1,157.62	1/4	1,418.67	1/4	1,679.72	1/4	1,940.76	1/4	2,201.81	1/4	2,462.86
1/2	119.34	1/2	380.34	1/2	641.34	1/2	902.01	1/2	1,163.06	1/2	1,424.11	1/2	1,685.15	1/2	1,946.20	1/2	2,207.25	1/2	2,468.30
3/4	124.77	3/4	385.78	3/4	646.77	3/4	907.45	3/4	1,168.50	3/4	1,429.55	3/4	1,690.59	3/4	1,951.64	3/4	2,212.69	3/4	2,473.74
7	130.20	7	391.22	7	652.19	7	912.89	7	1,173.94	7	1,434.98	7	1,696.03	7	1,957.08	7	2,218.13	7	2,479.18
1/4	135.63	1/4	396.66	1/4	657.62	1/4	918.33	1/4	1,179.37	1/4	1,440.42	1/4	1,701.47	1/4	1,962.52	1/4	2,223.57	1/4	2,484.61
1/2	141.07	1/2	402.09	1/2	663.05	1/2	923.76	1/2	1,184.81	1/2	1,445.86	1/2	1,706.91	1/2	1,967.96	1/2	2,229.00	1/2	2,490.05
3/4	146.50	3/4	407.53	3/4	668.48	3/4	929.20	3/4	1,190.25	3/4	1,451.30	3/4	1,712.35	3/4	1,973.40	3/4	2,234.44	3/4	2,495.49
8	151.94	8	412.97	8	673.91	8	934.64	8	1,195.69	8	1,456.74	8	1,717.79	8	1,978.83	8	2,239.88	8	2,500.93
1/4	157.37	1/4	418.41	1/4	679.33	1/4	940.08	1/4	1,201.13	1/4	1,462.18	1/4	1,723.22	1/4	1,984.27	1/4	2,245.32	1/4	2,506.37
1/2	162.81	1/2	423.85	1/2	684.76	1/2	945.52	1/2	1,206.57	1/2	1,467.61	1/2	1,728.66	1/2	1,989.71	1/2	2,250.76	1/2	2,511.81
3/4	168.25	3/4	429.29	3/4	690.19	3/4	950.96	3/4	1,212.01	3/4	1,473.05	3/4	1,734.10	3/4	1,995.15	3/4	2,256.20	3/4	2,517.25
9	173.69	9	434.72	9	695.62	9	956.40	9	1,217.44	9	1,478.49	9	1,739.54	9	2,000.59	9	2,261.64	9	2,522.68
1/4	179.12	1/4	440.16	1/4	701.04	1/4	961.83	1/4	1,222.88	1/4	1,483.93	1/4	1,744.98	1/4	2,006.03	1/4	2,267.07	1/4	2,528.12
1/2	184.56	1/2	445.60	1/2	706.47	1/2	967.27	1/2	1,228.32	1/2	1,489.37	1/2	1,750.42	1/2	2,011.46	1/2	2,272.51	1/2	2,533.56
3/4	190.00	3/4	451.04	3/4	711.90	3/4	972.71	3/4	1,233.76	3/4	1,494.81	3/4	1,755.86	3/4	2,016.90	3/4	2,277.95	3/4	2,539.00
10	195.44	10	456.48	10	717.33	10	978.15	10	1,239.20	10	1,500.25	10	1,761.29	10	2,022.34	10	2,283.39	10	2,544.44
1/4	200.88	1/4	461.92	1/4	722.75	1/4	983.59	1/4	1,244.64	1/4	1,505.68	1/4	1,766.73	1/4	2,027.78	1/4	2,288.83	1/4	2,549.88
1/2	206.32	1/2	467.35	1/2	728.18	1/2	989.03	1/2	1,250.07	1/2	1,511.12	1/2	1,772.17	1/2	2,033.22	1/2	2,294.27	1/2	2,555.31
3/4	211.75	3/4	472.79	3/4	733.61	3/4	994.47	3/4	1,255.51	3/4	1,516.56	3/4	1,777.61	3/4	2,038.66	3/4	2,299.71	3/4	2,560.75
11	217.19	11	478.23	11	739.04	11	999.90	11	1,260.95	11	1,522.00	11	1,783.05	11	2,044.10	11	2,305.14	11	2,566.19
1/4	222.63	1/4	483.67	1/4	744.47	1/4	1,005.34	1/4	1,266.39	1/4	1,527.44	1/4	1,788.49	1/4	2,049.53	1/4	2,310.58	1/4	2,571.63
1/2	228.07	1/2	489.11	1/2	749.89	1/2	1,010.78	1/2	1,271.83	1/2	1,532.88	1/2	1,793.92	1/2	2,054.97	1/2	2,316.02	1/2	2,577.07
3/4	233.51	3/4	494.55	3/4	755.32	3/4	1,016.22	3/4	1,277.27	3/4	1,538.32	3/4	1,799.36	3/4	2,060.41	3/4	2,321.46	3/4	2,582.51

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 1110"

3 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	2,587.95	0	2,848.99	0	3,110.04	0	3,371.09	0	3,630.93	0		0		0		0		0	
1/4	2,593.38	1/4	2,854.43	1/4	3,115.48	1/4	3,376.53	1/4	3,634.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,598.82	1/2	2,859.87	1/2	3,120.92	1/2	3,381.97	1/2	3,639.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,604.26	3/4	2,865.31	3/4	3,126.36	3/4	3,387.41	3/4	3,643.06	3/4		3/4		3/4		3/4		3/4	
1	2,609.70	1	2,870.75	1	3,131.80	1	3,392.84	1	3,647.10	1		1		1		1		1	
1/4	2,615.14	1/4	2,876.19	1/4	3,137.23	1/4	3,398.28	1/4	3,649.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,620.58	1/2	2,881.62	1/2	3,142.67	1/2	3,403.72	1/2	3,651.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,626.02	3/4	2,887.06	3/4	3,148.11	3/4	3,409.16	3/4	3,653.90	3/4		3/4		3/4		3/4		3/4	
2	2,631.45	2	2,892.50	2	3,153.55	2	3,414.60	2	3,656.16	2		2		2		2		2	
1/4	2,636.89	1/4	2,897.94	1/4	3,158.99	1/4	3,420.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,642.33	1/2	2,903.38	1/2	3,164.43	1/2	3,425.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,647.77	3/4	2,908.82	3/4	3,169.87	3/4	3,430.91	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,653.21	3	2,914.26	3	3,175.30	3	3,436.35	3		3		3		3		3		3	
1/4	2,658.65	1/4	2,919.69	1/4	3,180.74	1/4	3,441.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,664.08	1/2	2,925.13	1/2	3,186.18	1/2	3,447.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,669.52	3/4	2,930.57	3/4	3,191.62	3/4	3,452.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,674.96	4	2,936.01	4	3,197.06	4	3,458.11	4		4		4		4		4		4	
1/4	2,680.40	1/4	2,941.45	1/4	3,202.50	1/4	3,463.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,685.84	1/2	2,946.89	1/2	3,207.93	1/2	3,468.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,691.28	3/4	2,952.33	3/4	3,213.37	3/4	3,474.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,696.72	5	2,957.76	5	3,218.81	5	3,479.86	5		5		5		5		5		5	
1/4	2,702.15	1/4	2,963.20	1/4	3,224.25	1/4	3,485.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,707.59	1/2	2,968.64	1/2	3,229.69	1/2	3,490.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,713.03	3/4	2,974.08	3/4	3,235.13	3/4	3,496.18	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,718.47	6	2,979.52	6	3,240.57	6	3,501.61	6		6		6		6		6		6	
1/4	2,723.91	1/4	2,984.96	1/4	3,246.00	1/4	3,507.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,729.35	1/2	2,990.39	1/2	3,251.44	1/2	3,512.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,734.79	3/4	2,995.83	3/4	3,256.88	3/4	3,517.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,740.22	7	3,001.27	7	3,262.32	7	3,523.37	7		7		7		7		7		7	
1/4	2,745.66	1/4	3,006.71	1/4	3,267.76	1/4	3,528.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,751.10	1/2	3,012.15	1/2	3,273.20	1/2	3,534.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,756.54	3/4	3,017.59	3/4	3,278.64	3/4	3,539.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,761.98	8	3,023.03	8	3,284.07	8	3,545.12	8		8		8		8		8		8	
1/4	2,767.42	1/4	3,028.46	1/4	3,289.51	1/4	3,550.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,772.85	1/2	3,033.90	1/2	3,294.95	1/2	3,556.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,778.29	3/4	3,039.34	3/4	3,300.39	3/4	3,561.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,783.73	9	3,044.78	9	3,305.83	9	3,566.89	9		9		9		9		9		9	
1/4	2,789.17	1/4	3,050.22	1/4	3,311.27	1/4	3,572.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.61	1/2	3,055.66	1/2	3,316.70	1/2	3,577.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,800.05	3/4	3,061.10	3/4	3,322.14	3/4	3,583.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,805.49	10	3,066.53	10	3,327.58	10	3,588.63	10		10		10		10		10		10	
1/4	2,810.92	1/4	3,071.97	1/4	3,333.02	1/4	3,594.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.36	1/2	3,077.41	1/2	3,338.46	1/2	3,599.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.80	3/4	3,082.85	3/4	3,343.90	3/4	3,604.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,827.24	11	3,088.29	11	3,349.34	11	3,610.30	11		11		11		11		11		11	
1/4	2,832.68	1/4	3,093.73	1/4	3,354.77	1/4	3,615.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.12	1/2	3,099.16	1/2	3,360.21	1/2	3,620.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,843.56	3/4	3,104.60	3/4	3,365.65	3/4	3,625.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2018 CL
CALCULATED: 05/23/2018 CL
PRINTED: 05/23/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2018

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