



BARGE "IB 1093"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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"

July 19, 2017

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1093"

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	6.12	0	276.07	0	573.64	0	867.24	0	1,162.57	0	1,459.96	0	1,756.97	0	2,054.53	0	2,352.07	0	2,649.62
1/4	8.19	1/4	282.27	1/4	579.84	1/4	873.29	1/4	1,168.77	1/4	1,466.14	1/4	1,763.17	1/4	2,060.73	1/4	2,358.27	1/4	2,655.82
1/2	10.26	1/2	288.47	1/2	586.04	1/2	879.34	1/2	1,174.97	1/2	1,472.33	1/2	1,769.37	1/2	2,066.93	1/2	2,364.47	1/2	2,662.02
3/4	12.33	3/4	294.67	3/4	592.24	3/4	885.39	3/4	1,181.16	3/4	1,478.51	3/4	1,775.57	3/4	2,073.12	3/4	2,370.67	3/4	2,668.21
1	14.40	1	300.87	1	598.44	1	891.43	1	1,187.36	1	1,484.70	1	1,781.77	1	2,079.32	1	2,376.87	1	2,674.41
1/4	18.54	1/4	307.07	1/4	604.63	1/4	897.48	1/4	1,193.55	1/4	1,490.88	1/4	1,787.97	1/4	2,085.52	1/4	2,383.06	1/4	2,680.61
1/2	22.67	1/2	313.27	1/2	610.83	1/2	903.53	1/2	1,199.75	1/2	1,497.07	1/2	1,794.17	1/2	2,091.72	1/2	2,389.26	1/2	2,686.81
3/4	26.81	3/4	319.47	3/4	617.03	3/4	909.57	3/4	1,205.95	3/4	1,503.25	3/4	1,800.36	3/4	2,097.92	3/4	2,395.46	3/4	2,693.01
2	30.94	2	325.67	2	623.23	2	915.62	2	1,212.14	2	1,509.44	2	1,806.56	2	2,104.12	2	2,401.66	2	2,699.21
1/4	36.57	1/4	331.86	1/4	629.43	1/4	921.67	1/4	1,218.34	1/4	1,515.62	1/4	1,812.76	1/4	2,110.32	1/4	2,407.86	1/4	2,705.41
1/2	42.19	1/2	338.06	1/2	635.63	1/2	927.72	1/2	1,224.53	1/2	1,521.81	1/2	1,818.96	1/2	2,116.52	1/2	2,414.06	1/2	2,711.61
3/4	47.82	3/4	344.26	3/4	641.83	3/4	933.77	3/4	1,230.73	3/4	1,527.99	3/4	1,825.16	3/4	2,122.72	3/4	2,420.26	3/4	2,717.81
3	53.44	3	350.46	3	648.03	3	939.81	3	1,236.93	3	1,534.18	3	1,831.36	3	2,128.92	3	2,426.45	3	2,724.01
1/4	59.56	1/4	356.66	1/4	654.23	1/4	945.94	1/4	1,243.12	1/4	1,540.36	1/4	1,837.56	1/4	2,135.12	1/4	2,432.65	1/4	2,730.21
1/2	65.67	1/2	362.86	1/2	660.43	1/2	952.06	1/2	1,249.32	1/2	1,546.55	1/2	1,843.76	1/2	2,141.31	1/2	2,438.85	1/2	2,736.40
3/4	71.78	3/4	369.06	3/4	666.63	3/4	958.18	3/4	1,255.51	3/4	1,552.73	3/4	1,849.96	3/4	2,147.51	3/4	2,445.05	3/4	2,742.60
4	77.89	4	375.26	4	672.83	4	964.30	4	1,261.71	4	1,558.92	4	1,856.16	4	2,153.71	4	2,451.25	4	2,748.80
1/4	84.04	1/4	381.46	1/4	679.03	1/4	970.50	1/4	1,267.91	1/4	1,565.10	1/4	1,862.36	1/4	2,159.91	1/4	2,457.45	1/4	2,755.00
1/2	90.20	1/2	387.66	1/2	685.23	1/2	976.69	1/2	1,274.10	1/2	1,571.29	1/2	1,868.55	1/2	2,166.11	1/2	2,463.65	1/2	2,761.20
3/4	96.36	3/4	393.86	3/4	691.42	3/4	982.89	3/4	1,280.30	3/4	1,577.47	3/4	1,874.75	3/4	2,172.31	3/4	2,469.84	3/4	2,767.40
5	102.51	5	400.06	5	697.62	5	989.09	5	1,286.49	5	1,583.65	5	1,880.95	5	2,178.51	5	2,476.04	5	2,773.60
1/4	108.69	1/4	406.26	1/4	703.75	1/4	995.28	1/4	1,292.69	1/4	1,589.84	1/4	1,887.15	1/4	2,184.71	1/4	2,482.24	1/4	2,779.80
1/2	114.88	1/2	412.46	1/2	709.87	1/2	1,001.48	1/2	1,298.89	1/2	1,596.02	1/2	1,893.35	1/2	2,190.91	1/2	2,488.44	1/2	2,786.00
3/4	121.06	3/4	418.66	3/4	715.99	3/4	1,007.67	3/4	1,305.08	3/4	1,602.21	3/4	1,899.55	3/4	2,197.11	3/4	2,494.64	3/4	2,792.20
6	127.24	6	424.85	6	722.12	6	1,013.87	6	1,311.28	6	1,608.39	6	1,905.75	6	2,203.31	6	2,500.84	6	2,798.40
1/4	133.44	1/4	431.05	1/4	728.16	1/4	1,020.07	1/4	1,317.47	1/4	1,614.58	1/4	1,911.95	1/4	2,209.50	1/4	2,507.04	1/4	2,804.60
1/2	139.63	1/2	437.25	1/2	734.21	1/2	1,026.26	1/2	1,323.67	1/2	1,620.76	1/2	1,918.15	1/2	2,215.70	1/2	2,513.24	1/2	2,810.79
3/4	145.83	3/4	443.45	3/4	740.26	3/4	1,032.46	3/4	1,329.87	3/4	1,626.95	3/4	1,924.35	3/4	2,221.90	3/4	2,519.44	3/4	2,816.99
7	152.02	7	449.65	7	746.30	7	1,038.65	7	1,336.06	7	1,633.13	7	1,930.55	7	2,228.10	7	2,525.64	7	2,823.19
1/4	158.22	1/4	455.85	1/4	752.35	1/4	1,044.85	1/4	1,342.26	1/4	1,639.32	1/4	1,936.74	1/4	2,234.30	1/4	2,531.83	1/4	2,829.39
1/2	164.42	1/2	462.05	1/2	758.40	1/2	1,051.05	1/2	1,348.45	1/2	1,645.50	1/2	1,942.94	1/2	2,240.50	1/2	2,538.03	1/2	2,835.59
3/4	170.62	3/4	468.25	3/4	764.45	3/4	1,057.24	3/4	1,354.65	3/4	1,651.69	3/4	1,949.14	3/4	2,246.70	3/4	2,544.23	3/4	2,841.79
8	176.82	8	474.45	8	770.49	8	1,063.44	8	1,360.85	8	1,657.87	8	1,955.34	8	2,252.90	8	2,550.43	8	2,847.99
1/4	183.03	1/4	480.65	1/4	776.54	1/4	1,069.63	1/4	1,367.04	1/4	1,664.06	1/4	1,961.54	1/4	2,259.10	1/4	2,556.63	1/4	2,854.19
1/2	189.23	1/2	486.85	1/2	782.59	1/2	1,075.83	1/2	1,373.24	1/2	1,670.24	1/2	1,967.74	1/2	2,265.30	1/2	2,562.83	1/2	2,860.39
3/4	195.44	3/4	493.05	3/4	788.63	3/4	1,082.03	3/4	1,379.43	3/4	1,676.43	3/4	1,973.94	3/4	2,271.49	3/4	2,569.03	3/4	2,866.59
9	201.64	9	499.25	9	794.68	9	1,088.22	9	1,385.63	9	1,682.61	9	1,980.14	9	2,277.69	9	2,575.23	9	2,872.79
1/4	207.84	1/4	505.45	1/4	800.73	1/4	1,094.42	1/4	1,391.83	1/4	1,688.80	1/4	1,986.34	1/4	2,283.89	1/4	2,581.43	1/4	2,878.99
1/2	214.05	1/2	511.65	1/2	806.77	1/2	1,100.61	1/2	1,398.02	1/2	1,694.99	1/2	1,992.54	1/2	2,290.09	1/2	2,587.63	1/2	2,885.19
3/4	220.26	3/4	517.84	3/4	812.82	3/4	1,106.81	3/4	1,404.22	3/4	1,701.19	3/4	1,998.74	3/4	2,296.29	3/4	2,593.83	3/4	2,891.39
10	226.46	10	524.04	10	818.87	10	1,113.01	10	1,410.41	10	1,707.38	10	2,004.93	10	2,302.49	10	2,600.02	10	2,897.59
1/4	232.66	1/4	530.24	1/4	824.92	1/4	1,119.20	1/4	1,416.61	1/4	1,713.58	1/4	2,011.13	1/4	2,308.68	1/4	2,606.22	1/4	2,903.79
1/2	238.87	1/2	536.44	1/2	830.96	1/2	1,125.40	1/2	1,422.81	1/2	1,719.78	1/2	2,017.33	1/2	2,314.88	1/2	2,612.42	1/2	2,909.99
3/4	245.07	3/4	542.64	3/4	837.01	3/4	1,131.59	3/4	1,429.00	3/4	1,725.97	3/4	2,023.53	3/4	2,321.08	3/4	2,618.62	3/4	2,916.19
11	251.27	11	548.84	11	843.06	11	1,137.79	11	1,435.20	11	1,732.17	11	2,029.73	11	2,327.28	11	2,624.82	11	2,916.99
1/4	257.47	1/4	555.04	1/4	849.10	1/4	1,143.99	1/4	1,441.39	1/4	1,738.37	1/4	2,035.93	1/4	2,333.48	1/4	2,631.02	1/4	2,922.25
1/2	263.67	1/2	561.24	1/2	855.15	1/2	1,150.18	1/2	1,447.58	1/2	1,744.57	1/2	2,042.13	1/2	2,339.68	1/2	2,637.22	1/2	2,927.55
3/4	269.87	3/4	567.44	3/4	861.20	3/4	1,156.38	3/4	1,453.77	3/4	1,750.77	3/4	2,048.33	3/4	2,345.87	3/4	2,643.42	3/4	2,932.85

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.
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BARGE "IB 1093"

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	2,938.16	0	3,192.67	0	3,447.18	0	3,701.69	0	3,954.81	0		0		0		0		0	
1/4	2,943.46	1/4	3,197.97	1/4	3,452.48	1/4	3,706.99	1/4	3,958.52	1/4		1/4		1/4		1/4		1/4	
1/2	2,948.76	1/2	3,203.27	1/2	3,457.78	1/2	3,712.29	1/2	3,962.22	1/2		1/2		1/2		1/2		1/2	
3/4	2,954.06	3/4	3,208.57	3/4	3,463.08	3/4	3,717.60	3/4	3,965.93	3/4		3/4		3/4		3/4		3/4	
1	2,959.37	1	3,213.88	1	3,468.39	1	3,722.90	1	3,969.64	1		1		1		1		1	
1/4	2,964.67	1/4	3,219.18	1/4	3,473.69	1/4	3,728.20	1/4	3,971.77	1/4		1/4		1/4		1/4		1/4	
1/2	2,969.97	1/2	3,224.48	1/2	3,478.99	1/2	3,733.50	1/2	3,973.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,975.27	3/4	3,229.78	3/4	3,484.29	3/4	3,738.80	3/4	3,976.04	3/4		3/4		3/4		3/4		3/4	
2	2,980.58	2	3,235.09	2	3,489.60	2	3,744.11	2	3,978.17	2		2		2		2		2	
1/4	2,985.88	1/4	3,240.39	1/4	3,494.90	1/4	3,749.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,991.18	1/2	3,245.69	1/2	3,500.20	1/2	3,754.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,996.48	3/4	3,250.99	3/4	3,505.50	3/4	3,760.01	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,001.78	3	3,256.30	3	3,510.81	3	3,765.32	3		3		3		3		3		3	
1/4	3,007.09	1/4	3,261.60	1/4	3,516.11	1/4	3,770.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,012.39	1/2	3,266.90	1/2	3,521.41	1/2	3,775.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,017.69	3/4	3,272.20	3/4	3,526.71	3/4	3,781.22	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,022.99	4	3,277.50	4	3,532.01	4	3,786.53	4		4		4		4		4		4	
1/4	3,028.30	1/4	3,282.81	1/4	3,537.32	1/4	3,791.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,033.60	1/2	3,288.11	1/2	3,542.62	1/2	3,797.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,038.90	3/4	3,293.41	3/4	3,547.92	3/4	3,802.43	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,044.20	5	3,298.71	5	3,553.22	5	3,807.73	5		5		5		5		5		5	
1/4	3,049.51	1/4	3,304.02	1/4	3,558.53	1/4	3,813.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,054.81	1/2	3,309.32	1/2	3,563.83	1/2	3,818.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,060.11	3/4	3,314.62	3/4	3,569.13	3/4	3,823.64	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,065.41	6	3,319.92	6	3,574.43	6	3,828.94	6		6		6		6		6		6	
1/4	3,070.71	1/4	3,325.23	1/4	3,579.74	1/4	3,834.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,076.02	1/2	3,330.53	1/2	3,585.04	1/2	3,839.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,081.32	3/4	3,335.83	3/4	3,590.34	3/4	3,844.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,086.62	7	3,341.13	7	3,595.64	7	3,850.15	7		7		7		7		7		7	
1/4	3,091.92	1/4	3,346.43	1/4	3,600.94	1/4	3,855.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,097.23	1/2	3,351.74	1/2	3,606.25	1/2	3,860.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,102.53	3/4	3,357.04	3/4	3,611.55	3/4	3,866.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,107.83	8	3,362.34	8	3,616.85	8	3,871.36	8		8		8		8		8		8	
1/4	3,113.13	1/4	3,367.64	1/4	3,622.15	1/4	3,876.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,118.44	1/2	3,372.95	1/2	3,627.46	1/2	3,881.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,123.74	3/4	3,378.25	3/4	3,632.76	3/4	3,887.27	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,129.04	9	3,383.55	9	3,638.06	9	3,892.58	9		9		9		9		9		9	
1/4	3,134.34	1/4	3,388.85	1/4	3,643.36	1/4	3,897.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,139.64	1/2	3,394.15	1/2	3,648.67	1/2	3,903.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,144.95	3/4	3,399.46	3/4	3,653.97	3/4	3,908.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,150.25	10	3,404.76	10	3,659.27	10	3,913.77	10		10		10		10		10		10	
1/4	3,155.55	1/4	3,410.06	1/4	3,664.57	1/4	3,919.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,160.85	1/2	3,415.36	1/2	3,669.87	1/2	3,924.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,166.16	3/4	3,420.67	3/4	3,675.18	3/4	3,929.60	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,171.46	11	3,425.97	11	3,680.48	11	3,934.88	11		11		11		11		11		11	
1/4	3,176.76	1/4	3,431.27	1/4	3,685.78	1/4	3,939.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,182.06	1/2	3,436.57	1/2	3,691.08	1/2	3,944.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,187.37	3/4	3,441.88	3/4	3,696.39	3/4	3,949.83	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2017 CL
CALCULATED: 07/20/2017 CL
PRINTED: 07/20/2017 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017





BARGE "IB 1093"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 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	2.46	0	241.14	0	504.59	0	764.13	0	1,025.50	0	1,288.95	0	1,552.41	0	1,815.87	0	2,079.33	0	2,342.78
1/4	4.28	1/4	246.63	1/4	510.07	1/4	769.47	1/4	1,030.99	1/4	1,294.44	1/4	1,557.90	1/4	1,821.36	1/4	2,084.82	1/4	2,348.27
1/2	6.11	1/2	252.12	1/2	515.56	1/2	774.81	1/2	1,036.47	1/2	1,299.93	1/2	1,563.39	1/2	1,826.85	1/2	2,090.30	1/2	2,353.76
3/4	7.94	3/4	257.61	3/4	521.05	3/4	780.15	3/4	1,041.96	3/4	1,305.42	3/4	1,568.88	3/4	1,832.34	3/4	2,095.79	3/4	2,359.25
1	9.77	1	263.10	1	526.54	1	785.49	1	1,047.45	1	1,310.91	1	1,574.37	1	1,837.82	1	2,101.28	1	2,364.74
1/4	13.43	1/4	268.58	1/4	532.03	1/4	790.82	1/4	1,052.94	1/4	1,316.40	1/4	1,579.86	1/4	1,843.31	1/4	2,106.77	1/4	2,370.23
1/2	17.08	1/2	274.07	1/2	537.52	1/2	796.16	1/2	1,058.43	1/2	1,321.89	1/2	1,585.34	1/2	1,848.80	1/2	2,112.26	1/2	2,375.72
3/4	20.74	3/4	279.56	3/4	543.00	3/4	801.50	3/4	1,063.92	3/4	1,327.37	3/4	1,590.83	3/4	1,854.29	3/4	2,117.75	3/4	2,381.21
2	24.39	2	285.05	2	548.49	2	806.84	2	1,069.41	2	1,332.86	2	1,596.32	2	1,859.78	2	2,123.24	2	2,386.69
1/4	29.36	1/4	290.54	1/4	553.98	1/4	812.18	1/4	1,074.89	1/4	1,338.35	1/4	1,601.81	1/4	1,865.27	1/4	2,128.73	1/4	2,392.18
1/2	34.33	1/2	296.03	1/2	559.47	1/2	817.52	1/2	1,080.38	1/2	1,343.84	1/2	1,607.30	1/2	1,870.76	1/2	2,134.21	1/2	2,397.67
3/4	39.30	3/4	301.51	3/4	564.96	3/4	822.86	3/4	1,085.87	3/4	1,349.33	3/4	1,612.79	3/4	1,876.24	3/4	2,139.70	3/4	2,403.16
3	44.27	3	307.00	3	570.45	3	828.20	3	1,091.36	3	1,354.82	3	1,618.28	3	1,881.73	3	2,145.19	3	2,408.65
1/4	49.67	1/4	312.49	1/4	575.93	1/4	833.61	1/4	1,096.85	1/4	1,360.31	1/4	1,623.76	1/4	1,887.22	1/4	2,150.68	1/4	2,414.14
1/2	55.07	1/2	317.98	1/2	581.42	1/2	839.03	1/2	1,102.34	1/2	1,365.80	1/2	1,629.25	1/2	1,892.71	1/2	2,156.17	1/2	2,419.63
3/4	60.47	3/4	323.47	3/4	586.91	3/4	844.44	3/4	1,107.83	3/4	1,371.28	3/4	1,634.74	3/4	1,898.20	3/4	2,161.66	3/4	2,425.11
4	65.87	4	328.96	4	592.40	4	849.86	4	1,113.32	4	1,376.77	4	1,640.23	4	1,903.69	4	2,167.15	4	2,430.60
1/4	71.31	1/4	334.45	1/4	597.89	1/4	855.35	1/4	1,118.80	1/4	1,382.26	1/4	1,645.72	1/4	1,909.18	1/4	2,172.63	1/4	2,436.09
1/2	76.75	1/2	339.93	1/2	603.38	1/2	860.84	1/2	1,124.29	1/2	1,387.75	1/2	1,651.21	1/2	1,914.67	1/2	2,178.12	1/2	2,441.58
3/4	82.19	3/4	345.42	3/4	608.87	3/4	866.32	3/4	1,129.78	3/4	1,393.24	3/4	1,656.70	3/4	1,920.15	3/4	2,183.61	3/4	2,447.07
5	87.63	5	350.91	5	614.35	5	871.81	5	1,135.27	5	1,398.73	5	1,662.19	5	1,925.64	5	2,189.10	5	2,452.56
1/4	93.09	1/4	356.40	1/4	619.77	1/4	877.30	1/4	1,140.76	1/4	1,404.22	1/4	1,667.67	1/4	1,931.13	1/4	2,194.59	1/4	2,458.05
1/2	98.56	1/2	361.89	1/2	625.18	1/2	882.79	1/2	1,146.25	1/2	1,409.71	1/2	1,673.16	1/2	1,936.62	1/2	2,200.08	1/2	2,463.54
3/4	104.02	3/4	367.38	3/4	630.60	3/4	888.28	3/4	1,151.74	3/4	1,415.19	3/4	1,678.65	3/4	1,942.11	3/4	2,205.57	3/4	2,469.02
6	109.48	6	372.86	6	636.01	6	893.77	6	1,157.23	6	1,420.68	6	1,684.14	6	1,947.60	6	2,211.06	6	2,474.51
1/4	114.96	1/4	378.35	1/4	641.35	1/4	899.26	1/4	1,162.71	1/4	1,426.17	1/4	1,689.63	1/4	1,953.09	1/4	2,216.54	1/4	2,480.00
1/2	120.44	1/2	383.84	1/2	646.69	1/2	904.74	1/2	1,168.20	1/2	1,431.66	1/2	1,695.12	1/2	1,958.58	1/2	2,222.03	1/2	2,485.49
3/4	125.91	3/4	389.33	3/4	652.03	3/4	910.23	3/4	1,173.69	3/4	1,437.15	3/4	1,700.61	3/4	1,964.06	3/4	2,227.52	3/4	2,490.98
7	131.39	7	394.82	7	657.36	7	915.72	7	1,179.18	7	1,442.64	7	1,706.10	7	1,969.55	7	2,233.01	7	2,496.47
1/4	136.88	1/4	400.31	1/4	662.70	1/4	921.21	1/4	1,184.67	1/4	1,448.13	1/4	1,711.58	1/4	1,975.04	1/4	2,238.50	1/4	2,501.96
1/2	142.36	1/2	405.79	1/2	668.04	1/2	926.70	1/2	1,190.16	1/2	1,453.61	1/2	1,717.07	1/2	1,980.53	1/2	2,243.99	1/2	2,507.45
3/4	147.85	3/4	411.28	3/4	673.38	3/4	932.19	3/4	1,195.65	3/4	1,459.10	3/4	1,722.56	3/4	1,986.02	3/4	2,249.48	3/4	2,512.93
8	153.33	8	416.77	8	678.72	8	937.68	8	1,201.13	8	1,464.59	8	1,728.05	8	1,991.51	8	2,254.97	8	2,518.42
1/4	158.82	1/4	422.26	1/4	684.06	1/4	943.17	1/4	1,206.62	1/4	1,470.08	1/4	1,733.54	1/4	1,997.00	1/4	2,260.45	1/4	2,523.91
1/2	164.31	1/2	427.75	1/2	689.39	1/2	948.65	1/2	1,212.11	1/2	1,475.57	1/2	1,739.03	1/2	2,002.48	1/2	2,265.94	1/2	2,529.40
3/4	169.79	3/4	433.24	3/4	694.73	3/4	954.14	3/4	1,217.60	3/4	1,481.06	3/4	1,744.52	3/4	2,007.97	3/4	2,271.43	3/4	2,534.89
9	175.28	9	438.72	9	700.07	9	959.63	9	1,223.09	9	1,486.55	9	1,750.00	9	2,013.46	9	2,276.92	9	2,540.38
1/4	180.77	1/4	444.21	1/4	705.41	1/4	965.12	1/4	1,228.58	1/4	1,492.04	1/4	1,755.49	1/4	2,018.95	1/4	2,282.41	1/4	2,545.87
1/2	186.26	1/2	449.70	1/2	710.75	1/2	970.61	1/2	1,234.07	1/2	1,497.52	1/2	1,760.98	1/2	2,024.44	1/2	2,287.90	1/2	2,551.35
3/4	191.75	3/4	455.19	3/4	716.09	3/4	976.10	3/4	1,239.56	3/4	1,503.01	3/4	1,766.47	3/4	2,029.93	3/4	2,293.39	3/4	2,556.84
10	197.24	10	460.68	10	721.43	10	981.59	10	1,245.04	10	1,508.50	10	1,771.96	10	2,035.42	10	2,298.87	10	2,562.33
1/4	202.72	1/4	466.17	1/4	726.76	1/4	987.08	1/4	1,250.53	1/4	1,513.99	1/4	1,777.45	1/4	2,040.91	1/4	2,304.36	1/4	2,567.82
1/2	208.21	1/2	471.66	1/2	732.10	1/2	992.56	1/2	1,256.02	1/2	1,519.48	1/2	1,782.94	1/2	2,046.39	1/2	2,309.85	1/2	2,573.31
3/4	213.70	3/4	477.14	3/4	737.44	3/4	998.05	3/4	1,261.51	3/4	1,524.97	3/4	1,788.43	3/4	2,051.88	3/4	2,315.34	3/4	2,578.80
11	219.19	11	482.63	11	742.78	11	1,003.54	11	1,267.00	11	1,530.46	11	1,793.91	11	2,057.37	11	2,320.83	11	2,584.29
1/4	224.68	1/4	488.12	1/4	748.12	1/4	1,009.03	1/4	1,272.49	1/4	1,535.95	1/4	1,799.40	1/4	2,062.86	1/4	2,326.32	1/4	2,589.78
1/2	230.17	1/2	493.61	1/2	753.46	1/2	1,014.52	1/2	1,277.98	1/2	1,541.43	1/2	1,804.89	1/2	2,068.35	1/2	2,331.81	1/2	2,595.26
3/4	235.65	3/4	499.10	3/4	758.79	3/4	1,020.01	3/4	1,283.47	3/4	1,546.92	3/4	1,810.38	3/4	2,073.84	3/4	2,337.30	3/4	2,600.75

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 25'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1093"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 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	2,606.24	0	2,869.70	0	3,133.16	0	3,396.61	0	3,658.82	0		0		0		0		0	
1/4	2,611.73	1/4	2,875.19	1/4	3,138.65	1/4	3,402.10	1/4	3,662.90	1/4		1/4		1/4		1/4		1/4	
1/2	2,617.22	1/2	2,880.68	1/2	3,144.13	1/2	3,407.59	1/2	3,666.98	1/2		1/2		1/2		1/2		1/2	
3/4	2,622.71	3/4	2,886.17	3/4	3,149.62	3/4	3,413.08	3/4	3,671.05	3/4		3/4		3/4		3/4		3/4	
1	2,628.20	1	2,891.65	1	3,155.11	1	3,418.57	1	3,675.13	1		1		1		1		1	
1/4	2,633.69	1/4	2,897.14	1/4	3,160.60	1/4	3,424.06	1/4	3,677.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,639.17	1/2	2,902.63	1/2	3,166.09	1/2	3,429.55	1/2	3,679.71	1/2		1/2		1/2		1/2		1/2	
3/4	2,644.66	3/4	2,908.12	3/4	3,171.58	3/4	3,435.04	3/4	3,681.99	3/4		3/4		3/4		3/4		3/4	
2	2,650.15	2	2,913.61	2	3,177.07	2	3,440.52	2	3,684.28	2		2		2		2		2	
1/4	2,655.64	1/4	2,919.10	1/4	3,182.56	1/4	3,446.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,661.13	1/2	2,924.59	1/2	3,188.04	1/2	3,451.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,666.62	3/4	2,930.08	3/4	3,193.53	3/4	3,456.99	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,672.11	3	2,935.56	3	3,199.02	3	3,462.48	3		3		3		3		3		3	
1/4	2,677.60	1/4	2,941.05	1/4	3,204.51	1/4	3,467.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,683.08	1/2	2,946.54	1/2	3,210.00	1/2	3,473.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,688.57	3/4	2,952.03	3/4	3,215.49	3/4	3,478.95	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,694.06	4	2,957.52	4	3,220.98	4	3,484.43	4		4		4		4		4		4	
1/4	2,699.55	1/4	2,963.01	1/4	3,226.46	1/4	3,489.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,705.04	1/2	2,968.50	1/2	3,231.95	1/2	3,495.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,710.53	3/4	2,973.98	3/4	3,237.44	3/4	3,500.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,716.02	5	2,979.47	5	3,242.93	5	3,506.39	5		5		5		5		5		5	
1/4	2,721.50	1/4	2,984.96	1/4	3,248.42	1/4	3,511.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,726.99	1/2	2,990.45	1/2	3,253.91	1/2	3,517.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,732.48	3/4	2,995.94	3/4	3,259.40	3/4	3,522.85	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,737.97	6	3,001.43	6	3,264.89	6	3,528.34	6		6		6		6		6		6	
1/4	2,743.46	1/4	3,006.92	1/4	3,270.37	1/4	3,533.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,748.95	1/2	3,012.41	1/2	3,275.86	1/2	3,539.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,754.44	3/4	3,017.89	3/4	3,281.35	3/4	3,544.81	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,759.93	7	3,023.38	7	3,286.84	7	3,550.30	7		7		7		7		7		7	
1/4	2,765.41	1/4	3,028.87	1/4	3,292.33	1/4	3,555.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,770.90	1/2	3,034.36	1/2	3,297.82	1/2	3,561.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,776.39	3/4	3,039.85	3/4	3,303.31	3/4	3,566.76	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,781.88	8	3,045.34	8	3,308.80	8	3,572.25	8		8		8		8		8		8	
1/4	2,787.37	1/4	3,050.83	1/4	3,314.28	1/4	3,577.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,792.86	1/2	3,056.32	1/2	3,319.77	1/2	3,583.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,798.35	3/4	3,061.80	3/4	3,325.26	3/4	3,588.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,803.84	9	3,067.29	9	3,330.75	9	3,594.19	9		9		9		9		9		9	
1/4	2,809.32	1/4	3,072.78	1/4	3,336.24	1/4	3,599.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,814.81	1/2	3,078.27	1/2	3,341.73	1/2	3,605.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,820.30	3/4	3,083.76	3/4	3,347.22	3/4	3,610.64	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,825.79	10	3,089.25	10	3,352.71	10	3,616.12	10		10		10		10		10		10	
1/4	2,831.28	1/4	3,094.74	1/4	3,358.19	1/4	3,621.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,836.77	1/2	3,100.22	1/2	3,363.68	1/2	3,627.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.26	3/4	3,105.71	3/4	3,369.17	3/4	3,632.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,847.74	11	3,111.20	11	3,374.66	11	3,637.99	11		11		11		11		11		11	
1/4	2,853.23	1/4	3,116.69	1/4	3,380.15	1/4	3,643.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,858.72	1/2	3,122.18	1/2	3,385.64	1/2	3,648.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,864.21	3/4	3,127.67	3/4	3,391.13	3/4	3,653.61	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2017 CL
CALCULATED: 07/20/2017 CL
PRINTED: 07/20/2017 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017



BARGE "IB 1093"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.44	0	238.97	0	500.03	0	760.81	0	1,021.74	0	1,282.81	0	1,543.89	0	1,804.96	0	2,066.03	0	2,327.10
1/4	4.25	1/4	244.40	1/4	505.47	1/4	766.24	1/4	1,027.18	1/4	1,288.25	1/4	1,549.32	1/4	1,810.40	1/4	2,071.47	1/4	2,332.54
1/2	6.06	1/2	249.84	1/2	510.91	1/2	771.66	1/2	1,032.62	1/2	1,293.69	1/2	1,554.76	1/2	1,815.84	1/2	2,076.91	1/2	2,337.98
3/4	7.88	3/4	255.28	3/4	516.34	3/4	777.09	3/4	1,038.06	3/4	1,299.13	3/4	1,560.20	3/4	1,821.27	3/4	2,082.35	3/4	2,343.42
1	9.69	1	260.72	1	521.78	1	782.52	1	1,043.50	1	1,304.57	1	1,565.64	1	1,826.71	1	2,087.79	1	2,348.86
1/4	13.31	1/4	266.16	1/4	527.22	1/4	787.95	1/4	1,048.94	1/4	1,310.01	1/4	1,571.08	1/4	1,832.15	1/4	2,093.22	1/4	2,354.30
1/2	16.93	1/2	271.60	1/2	532.66	1/2	793.38	1/2	1,054.38	1/2	1,315.45	1/2	1,576.52	1/2	1,837.59	1/2	2,098.66	1/2	2,359.74
3/4	20.56	3/4	277.04	3/4	538.10	3/4	798.81	3/4	1,059.81	3/4	1,320.89	3/4	1,581.96	3/4	1,843.03	3/4	2,104.10	3/4	2,365.17
2	24.18	2	282.48	2	543.54	2	804.24	2	1,065.25	2	1,326.33	2	1,587.40	2	1,848.47	2	2,109.54	2	2,370.61
1/4	29.10	1/4	287.91	1/4	548.98	1/4	809.67	1/4	1,070.69	1/4	1,331.76	1/4	1,592.84	1/4	1,853.91	1/4	2,114.98	1/4	2,376.05
1/2	34.03	1/2	293.35	1/2	554.42	1/2	815.10	1/2	1,076.13	1/2	1,337.20	1/2	1,598.28	1/2	1,859.35	1/2	2,120.42	1/2	2,381.49
3/4	38.95	3/4	298.79	3/4	559.85	3/4	820.53	3/4	1,081.57	3/4	1,342.64	3/4	1,603.71	3/4	1,864.79	3/4	2,125.86	3/4	2,386.93
3	43.88	3	304.23	3	565.29	3	825.96	3	1,087.01	3	1,348.08	3	1,609.15	3	1,870.23	3	2,131.30	3	2,392.37
1/4	49.23	1/4	309.67	1/4	570.73	1/4	831.39	1/4	1,092.45	1/4	1,353.52	1/4	1,614.59	1/4	1,875.66	1/4	2,136.74	1/4	2,397.81
1/2	54.58	1/2	315.11	1/2	576.17	1/2	836.82	1/2	1,097.89	1/2	1,358.96	1/2	1,620.03	1/2	1,881.10	1/2	2,142.18	1/2	2,403.25
3/4	59.93	3/4	320.55	3/4	581.61	3/4	842.26	3/4	1,103.33	3/4	1,364.40	3/4	1,625.47	3/4	1,886.54	3/4	2,147.61	3/4	2,408.69
4	65.28	4	325.99	4	587.05	4	847.69	4	1,108.77	4	1,369.84	4	1,630.91	4	1,891.98	4	2,153.05	4	2,414.13
1/4	70.67	1/4	331.42	1/4	592.49	1/4	853.13	1/4	1,114.20	1/4	1,375.28	1/4	1,636.35	1/4	1,897.42	1/4	2,158.49	1/4	2,419.56
1/2	76.06	1/2	336.86	1/2	597.93	1/2	858.57	1/2	1,119.64	1/2	1,380.72	1/2	1,641.79	1/2	1,902.86	1/2	2,163.93	1/2	2,425.00
3/4	81.45	3/4	342.30	3/4	603.36	3/4	864.01	3/4	1,125.08	3/4	1,386.15	3/4	1,647.23	3/4	1,908.30	3/4	2,169.37	3/4	2,430.44
5	86.84	5	347.74	5	608.80	5	869.45	5	1,130.52	5	1,391.59	5	1,652.67	5	1,913.74	5	2,174.81	5	2,435.88
1/4	92.26	1/4	353.18	1/4	614.24	1/4	874.89	1/4	1,135.96	1/4	1,397.03	1/4	1,658.10	1/4	1,919.18	1/4	2,180.25	1/4	2,441.32
1/2	97.67	1/2	358.62	1/2	619.67	1/2	880.33	1/2	1,141.40	1/2	1,402.47	1/2	1,663.54	1/2	1,924.62	1/2	2,185.69	1/2	2,446.76
3/4	103.08	3/4	364.06	3/4	625.10	3/4	885.77	3/4	1,146.84	3/4	1,407.91	3/4	1,668.98	3/4	1,930.05	3/4	2,191.13	3/4	2,452.20
6	108.50	6	369.50	6	630.53	6	891.21	6	1,152.28	6	1,413.35	6	1,674.42	6	1,935.49	6	2,196.57	6	2,457.64
1/4	113.92	1/4	374.94	1/4	635.96	1/4	896.64	1/4	1,157.72	1/4	1,418.79	1/4	1,679.86	1/4	1,940.93	1/4	2,202.00	1/4	2,463.08
1/2	119.35	1/2	380.37	1/2	641.39	1/2	902.08	1/2	1,163.16	1/2	1,424.23	1/2	1,685.30	1/2	1,946.37	1/2	2,207.44	1/2	2,468.52
3/4	124.78	3/4	385.81	3/4	646.82	3/4	907.52	3/4	1,168.59	3/4	1,429.67	3/4	1,690.74	3/4	1,951.81	3/4	2,212.88	3/4	2,473.95
7	130.21	7	391.25	7	652.25	7	912.96	7	1,174.03	7	1,435.11	7	1,696.18	7	1,957.25	7	2,218.32	7	2,479.39
1/4	135.64	1/4	396.69	1/4	657.67	1/4	918.40	1/4	1,179.47	1/4	1,440.54	1/4	1,701.62	1/4	1,962.69	1/4	2,223.76	1/4	2,484.83
1/2	141.08	1/2	402.13	1/2	663.10	1/2	923.84	1/2	1,184.91	1/2	1,445.98	1/2	1,707.06	1/2	1,968.13	1/2	2,229.20	1/2	2,490.27
3/4	146.51	3/4	407.57	3/4	668.53	3/4	929.28	3/4	1,190.35	3/4	1,451.42	3/4	1,712.49	3/4	1,973.57	3/4	2,234.64	3/4	2,495.71
8	151.95	8	413.01	8	673.96	8	934.72	8	1,195.79	8	1,456.86	8	1,717.93	8	1,979.01	8	2,240.08	8	2,501.15
1/4	157.39	1/4	418.45	1/4	679.39	1/4	940.16	1/4	1,201.23	1/4	1,462.30	1/4	1,723.37	1/4	1,984.44	1/4	2,245.52	1/4	2,506.59
1/2	162.82	1/2	423.88	1/2	684.82	1/2	945.60	1/2	1,206.67	1/2	1,467.74	1/2	1,728.81	1/2	1,989.88	1/2	2,250.96	1/2	2,512.03
3/4	168.26	3/4	429.32	3/4	690.24	3/4	951.03	3/4	1,212.11	3/4	1,473.18	3/4	1,734.25	3/4	1,995.32	3/4	2,256.39	3/4	2,517.47
9	173.70	9	434.76	9	695.67	9	956.47	9	1,217.55	9	1,478.62	9	1,739.69	9	2,000.76	9	2,261.83	9	2,522.91
1/4	179.14	1/4	440.20	1/4	701.10	1/4	961.91	1/4	1,222.98	1/4	1,484.06	1/4	1,745.13	1/4	2,006.20	1/4	2,267.27	1/4	2,528.34
1/2	184.58	1/2	445.64	1/2	706.53	1/2	967.35	1/2	1,228.42	1/2	1,489.50	1/2	1,750.57	1/2	2,011.64	1/2	2,272.71	1/2	2,533.78
3/4	190.02	3/4	451.08	3/4	711.96	3/4	972.79	3/4	1,233.86	3/4	1,494.93	3/4	1,756.01	3/4	2,017.08	3/4	2,278.15	3/4	2,539.22
10	195.45	10	456.52	10	717.38	10	978.23	10	1,239.30	10	1,500.37	10	1,761.45	10	2,022.52	10	2,283.59	10	2,544.66
1/4	200.89	1/4	461.96	1/4	722.81	1/4	983.67	1/4	1,244.74	1/4	1,505.81	1/4	1,766.88	1/4	2,027.96	1/4	2,289.03	1/4	2,550.10
1/2	206.33	1/2	467.39	1/2	728.24	1/2	989.11	1/2	1,250.18	1/2	1,511.25	1/2	1,772.32	1/2	2,033.40	1/2	2,294.47	1/2	2,555.54
3/4	211.77	3/4	472.83	3/4	733.67	3/4	994.55	3/4	1,255.62	3/4	1,516.69	3/4	1,777.76	3/4	2,038.83	3/4	2,299.91	3/4	2,560.98
11	217.21	11	478.27	11	739.10	11	999.99	11	1,261.06	11	1,522.13	11	1,783.20	11	2,044.27	11	2,305.35	11	2,566.42
1/4	222.65	1/4	483.71	1/4	744.52	1/4	1,005.42	1/4	1,266.50	1/4	1,527.57	1/4	1,788.64	1/4	2,049.71	1/4	2,310.78	1/4	2,571.86
1/2	228.09	1/2	489.15	1/2	749.95	1/2	1,010.86	1/2	1,271.94	1/2	1,533.01	1/2	1,794.08	1/2	2,055.15	1/2	2,316.22	1/2	2,577.30
3/4	233.53	3/4	494.59	3/4	755.38	3/4	1,016.30	3/4	1,277.37	3/4	1,538.45	3/4	1,799.52	3/4	2,060.59	3/4	2,321.66	3/4	2,582.73

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 1093"

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	2,588.17	0	2,849.25	0	3,110.32	0	3,371.39	0	3,631.22	0		0		0		0		0	
1/4	2,593.61	1/4	2,854.68	1/4	3,115.76	1/4	3,376.83	1/4	3,635.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,599.05	1/2	2,860.12	1/2	3,121.20	1/2	3,382.27	1/2	3,639.31	1/2		1/2		1/2		1/2		1/2	
3/4	2,604.49	3/4	2,865.56	3/4	3,126.63	3/4	3,387.71	3/4	3,643.35	3/4		3/4		3/4		3/4		3/4	
1	2,609.93	1	2,871.00	1	3,132.07	1	3,393.15	1	3,647.39	1		1		1		1		1	
1/4	2,615.37	1/4	2,876.44	1/4	3,137.51	1/4	3,398.58	1/4	3,649.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,620.81	1/2	2,881.88	1/2	3,142.95	1/2	3,404.02	1/2	3,651.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,626.25	3/4	2,887.32	3/4	3,148.39	3/4	3,409.46	3/4	3,654.19	3/4		3/4		3/4		3/4		3/4	
2	2,631.69	2	2,892.76	2	3,153.83	2	3,414.90	2	3,656.45	2		2		2		2		2	
1/4	2,637.12	1/4	2,898.20	1/4	3,159.27	1/4	3,420.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,642.56	1/2	2,903.64	1/2	3,164.71	1/2	3,425.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,648.00	3/4	2,909.07	3/4	3,170.15	3/4	3,431.22	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,653.44	3	2,914.51	3	3,175.59	3	3,436.66	3		3		3		3		3		3	
1/4	2,658.88	1/4	2,919.95	1/4	3,181.02	1/4	3,442.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,664.32	1/2	2,925.39	1/2	3,186.46	1/2	3,447.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,669.76	3/4	2,930.83	3/4	3,191.90	3/4	3,452.97	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,675.20	4	2,936.27	4	3,197.34	4	3,458.41	4		4		4		4		4		4	
1/4	2,680.64	1/4	2,941.71	1/4	3,202.78	1/4	3,463.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,686.08	1/2	2,947.15	1/2	3,208.22	1/2	3,469.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,691.51	3/4	2,952.59	3/4	3,213.66	3/4	3,474.73	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,696.95	5	2,958.03	5	3,219.10	5	3,480.17	5		5		5		5		5		5	
1/4	2,702.39	1/4	2,963.46	1/4	3,224.54	1/4	3,485.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,707.83	1/2	2,968.90	1/2	3,229.98	1/2	3,491.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,713.27	3/4	2,974.34	3/4	3,235.41	3/4	3,496.49	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,718.71	6	2,979.78	6	3,240.85	6	3,501.93	6		6		6		6		6		6	
1/4	2,724.15	1/4	2,985.22	1/4	3,246.29	1/4	3,507.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,729.59	1/2	2,990.66	1/2	3,251.73	1/2	3,512.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,735.03	3/4	2,996.10	3/4	3,257.17	3/4	3,518.24	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,740.47	7	3,001.54	7	3,262.61	7	3,523.68	7		7		7		7		7		7	
1/4	2,745.90	1/4	3,006.98	1/4	3,268.05	1/4	3,529.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,751.34	1/2	3,012.42	1/2	3,273.49	1/2	3,534.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,756.78	3/4	3,017.85	3/4	3,278.93	3/4	3,540.00	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,762.22	8	3,023.29	8	3,284.37	8	3,545.44	8		8		8		8		8		8	
1/4	2,767.66	1/4	3,028.73	1/4	3,289.80	1/4	3,550.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,773.10	1/2	3,034.17	1/2	3,295.24	1/2	3,556.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,778.54	3/4	3,039.61	3/4	3,300.68	3/4	3,561.74	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,783.98	9	3,045.05	9	3,306.12	9	3,567.18	9		9		9		9		9		9	
1/4	2,789.42	1/4	3,050.49	1/4	3,311.56	1/4	3,572.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.86	1/2	3,055.93	1/2	3,317.00	1/2	3,578.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,800.29	3/4	3,061.37	3/4	3,322.44	3/4	3,583.48	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,805.73	10	3,066.81	10	3,327.88	10	3,588.91	10		10		10		10		10		10	
1/4	2,811.17	1/4	3,072.24	1/4	3,333.32	1/4	3,594.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.61	1/2	3,077.68	1/2	3,338.76	1/2	3,599.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,822.05	3/4	3,083.12	3/4	3,344.19	3/4	3,605.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,827.49	11	3,088.56	11	3,349.63	11	3,610.59	11		11		11		11		11		11	
1/4	2,832.93	1/4	3,094.00	1/4	3,355.07	1/4	3,615.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.37	1/2	3,099.44	1/2	3,360.51	1/2	3,620.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,843.81	3/4	3,104.88	3/4	3,365.95	3/4	3,626.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2017 CL
CALCULATED: 07/20/2017 CL
PRINTED: 07/20/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.

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