



# BARGE "IB 1091"

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

(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 10, 2017

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

<http://www.pmacorp.net>



# BARGE "IB 1091"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	6.12	0	276.08	0	573.65	0	867.27	0	1,162.60	0	1,460.00	0	1,757.01	0	2,054.58	0	2,352.13	0	2,649.68
1/4	8.19	1/4	282.28	1/4	579.85	1/4	873.31	1/4	1,168.80	1/4	1,466.18	1/4	1,763.21	1/4	2,060.77	1/4	2,358.33	1/4	2,655.88
1/2	10.26	1/2	288.48	1/2	586.05	1/2	879.36	1/2	1,175.00	1/2	1,472.37	1/2	1,769.41	1/2	2,066.97	1/2	2,364.53	1/2	2,662.08
3/4	12.33	3/4	294.68	3/4	592.25	3/4	885.41	3/4	1,181.19	3/4	1,478.55	3/4	1,775.61	3/4	2,073.17	3/4	2,370.73	3/4	2,668.28
1	14.40	1	300.88	1	598.45	1	891.46	1	1,187.39	1	1,484.74	1	1,781.81	1	2,079.37	1	2,376.93	1	2,674.48
1/4	18.54	1/4	307.08	1/4	604.65	1/4	897.50	1/4	1,193.58	1/4	1,490.92	1/4	1,788.01	1/4	2,085.57	1/4	2,383.13	1/4	2,680.68
1/2	22.67	1/2	313.27	1/2	610.85	1/2	903.55	1/2	1,199.78	1/2	1,497.11	1/2	1,794.21	1/2	2,091.77	1/2	2,389.32	1/2	2,686.88
3/4	26.81	3/4	319.47	3/4	617.05	3/4	909.60	3/4	1,205.98	3/4	1,503.29	3/4	1,800.41	3/4	2,097.97	3/4	2,395.52	3/4	2,693.08
2	30.95	2	325.67	2	623.25	2	915.64	2	1,212.17	2	1,509.47	2	1,806.61	2	2,104.17	2	2,401.72	2	2,699.28
1/4	36.57	1/4	331.87	1/4	629.45	1/4	921.69	1/4	1,218.37	1/4	1,515.66	1/4	1,812.81	1/4	2,110.37	1/4	2,407.92	1/4	2,705.48
1/2	42.20	1/2	338.07	1/2	635.65	1/2	927.74	1/2	1,224.57	1/2	1,521.84	1/2	1,819.01	1/2	2,116.57	1/2	2,414.12	1/2	2,711.67
3/4	47.82	3/4	344.27	3/4	641.85	3/4	933.79	3/4	1,230.76	3/4	1,528.03	3/4	1,825.21	3/4	2,122.77	3/4	2,420.32	3/4	2,717.87
3	53.45	3	350.47	3	648.05	3	939.84	3	1,236.96	3	1,534.21	3	1,831.40	3	2,128.97	3	2,426.52	3	2,724.07
1/4	59.56	1/4	356.67	1/4	654.25	1/4	945.96	1/4	1,243.15	1/4	1,540.40	1/4	1,837.60	1/4	2,135.17	1/4	2,432.71	1/4	2,730.27
1/2	65.67	1/2	362.87	1/2	660.45	1/2	952.08	1/2	1,249.35	1/2	1,546.58	1/2	1,843.80	1/2	2,141.36	1/2	2,438.91	1/2	2,736.47
3/4	71.78	3/4	369.07	3/4	666.65	3/4	958.20	3/4	1,255.55	3/4	1,552.77	3/4	1,850.00	3/4	2,147.56	3/4	2,445.11	3/4	2,742.67
4	77.89	4	375.27	4	672.85	4	964.33	4	1,261.74	4	1,558.95	4	1,856.20	4	2,153.76	4	2,451.31	4	2,748.87
1/4	84.05	1/4	381.47	1/4	679.05	1/4	970.52	1/4	1,267.94	1/4	1,565.14	1/4	1,862.40	1/4	2,159.96	1/4	2,457.51	1/4	2,755.07
1/2	90.20	1/2	387.67	1/2	685.25	1/2	976.72	1/2	1,274.14	1/2	1,571.32	1/2	1,868.60	1/2	2,166.16	1/2	2,463.71	1/2	2,761.27
3/4	96.36	3/4	393.87	3/4	691.44	3/4	982.91	3/4	1,280.33	3/4	1,577.51	3/4	1,874.80	3/4	2,172.36	3/4	2,469.91	3/4	2,767.47
5	102.51	5	400.07	5	697.64	5	989.11	5	1,286.53	5	1,583.69	5	1,881.00	5	2,178.56	5	2,476.10	5	2,773.67
1/4	108.70	1/4	406.27	1/4	703.77	1/4	995.31	1/4	1,292.72	1/4	1,589.88	1/4	1,887.20	1/4	2,184.76	1/4	2,482.30	1/4	2,779.87
1/2	114.88	1/2	412.47	1/2	709.99	1/2	1,001.50	1/2	1,298.92	1/2	1,596.06	1/2	1,893.40	1/2	2,190.96	1/2	2,488.50	1/2	2,786.06
3/4	121.06	3/4	418.67	3/4	716.01	3/4	1,007.70	3/4	1,305.12	3/4	1,602.25	3/4	1,899.60	3/4	2,197.16	3/4	2,494.70	3/4	2,792.26
6	127.24	6	424.87	6	722.13	6	1,013.89	6	1,311.31	6	1,608.43	6	1,905.79	6	2,203.36	6	2,500.90	6	2,798.46
1/4	133.44	1/4	431.07	1/4	728.18	1/4	1,020.09	1/4	1,317.51	1/4	1,614.62	1/4	1,911.99	1/4	2,209.56	1/4	2,507.10	1/4	2,804.66
1/2	139.64	1/2	437.27	1/2	734.23	1/2	1,026.29	1/2	1,323.70	1/2	1,620.80	1/2	1,918.19	1/2	2,215.75	1/2	2,513.30	1/2	2,810.86
3/4	145.83	3/4	443.46	3/4	740.28	3/4	1,032.48	3/4	1,329.90	3/4	1,626.99	3/4	1,924.39	3/4	2,221.95	3/4	2,519.50	3/4	2,817.06
7	152.03	7	449.66	7	746.32	7	1,038.68	7	1,336.10	7	1,633.17	7	1,930.59	7	2,228.15	7	2,525.70	7	2,823.26
1/4	158.23	1/4	455.86	1/4	752.37	1/4	1,044.88	1/4	1,342.29	1/4	1,639.36	1/4	1,936.79	1/4	2,234.35	1/4	2,531.90	1/4	2,829.46
1/2	164.43	1/2	462.06	1/2	758.42	1/2	1,051.07	1/2	1,348.49	1/2	1,645.54	1/2	1,942.99	1/2	2,240.55	1/2	2,538.10	1/2	2,835.66
3/4	170.63	3/4	468.26	3/4	764.46	3/4	1,057.27	3/4	1,354.69	3/4	1,651.73	3/4	1,949.19	3/4	2,246.75	3/4	2,544.30	3/4	2,841.86
8	176.83	8	474.46	8	770.51	8	1,063.46	8	1,360.88	8	1,657.91	8	1,955.39	8	2,252.95	8	2,550.50	8	2,848.06
1/4	183.03	1/4	480.66	1/4	776.56	1/4	1,069.66	1/4	1,367.08	1/4	1,664.10	1/4	1,961.59	1/4	2,259.15	1/4	2,556.69	1/4	2,854.26
1/2	189.24	1/2	486.86	1/2	782.61	1/2	1,075.86	1/2	1,373.27	1/2	1,670.28	1/2	1,967.79	1/2	2,265.35	1/2	2,562.89	1/2	2,860.46
3/4	195.44	3/4	493.06	3/4	788.65	3/4	1,082.05	3/4	1,379.47	3/4	1,676.47	3/4	1,973.99	3/4	2,271.55	3/4	2,569.09	3/4	2,866.65
9	201.64	9	499.26	9	794.70	9	1,088.25	9	1,385.67	9	1,682.65	9	1,980.19	9	2,277.75	9	2,575.29	9	2,872.85
1/4	207.85	1/4	505.46	1/4	800.75	1/4	1,094.45	1/4	1,391.86	1/4	1,688.84	1/4	1,986.38	1/4	2,283.95	1/4	2,581.49	1/4	2,878.60
1/2	214.06	1/2	511.66	1/2	806.80	1/2	1,100.64	1/2	1,398.06	1/2	1,695.04	1/2	1,992.58	1/2	2,290.15	1/2	2,587.69	1/2	2,884.34
3/4	220.26	3/4	517.86	3/4	812.84	3/4	1,106.84	3/4	1,404.26	3/4	1,701.23	3/4	1,998.78	3/4	2,296.34	3/4	2,593.89	3/4	2,890.09
10	226.47	10	524.06	10	818.89	10	1,113.03	10	1,410.45	10	1,707.42	10	2,004.98	10	2,302.54	10	2,600.09	10	2,895.84
1/4	232.67	1/4	530.26	1/4	824.94	1/4	1,119.23	1/4	1,416.65	1/4	1,713.62	1/4	2,011.18	1/4	2,308.74	1/4	2,606.29	1/4	2,901.13
1/2	238.87	1/2	536.46	1/2	830.98	1/2	1,125.43	1/2	1,422.84	1/2	1,719.82	1/2	2,017.38	1/2	2,314.94	1/2	2,612.49	1/2	2,906.43
3/4	245.08	3/4	542.66	3/4	837.03	3/4	1,131.62	3/4	1,429.04	3/4	1,726.02	3/4	2,023.58	3/4	2,321.14	3/4	2,618.69	3/4	2,911.72
11	251.28	11	548.86	11	843.08	11	1,137.82	11	1,435.24	11	1,732.22	11	2,029.78	11	2,327.34	11	2,624.89	11	2,917.02
1/4	257.48	1/4	555.06	1/4	849.13	1/4	1,144.02	1/4	1,441.43	1/4	1,738.42	1/4	2,035.98	1/4	2,333.54	1/4	2,631.08	1/4	2,922.32
1/2	263.68	1/2	561.26	1/2	855.17	1/2	1,150.21	1/2	1,447.62	1/2	1,744.62	1/2	2,042.18	1/2	2,339.73	1/2	2,637.28	1/2	2,927.63
3/4	269.88	3/4	567.45	3/4	861.22	3/4	1,156.41	3/4	1,453.81	3/4	1,750.81	3/4	2,048.38	3/4	2,345.93	3/4	2,643.48	3/4	2,932.93

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 1091"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,938.23	0	3,192.75	0	3,447.27	0	3,701.79	0	3,954.91	0		0		0		0		0	
1/4	2,943.53	1/4	3,198.05	1/4	3,452.57	1/4	3,707.09	1/4	3,958.62	1/4		1/4		1/4		1/4		1/4	
1/2	2,948.84	1/2	3,203.36	1/2	3,457.88	1/2	3,712.40	1/2	3,962.32	1/2		1/2		1/2		1/2		1/2	
3/4	2,954.14	3/4	3,208.66	3/4	3,463.18	3/4	3,717.70	3/4	3,966.03	3/4		3/4		3/4		3/4		3/4	
1	2,959.44	1	3,213.96	1	3,468.48	1	3,723.00	1	3,969.74	1		1		1		1		1	
1/4	2,964.74	1/4	3,219.26	1/4	3,473.78	1/4	3,728.30	1/4	3,971.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,970.05	1/2	3,224.57	1/2	3,479.09	1/2	3,733.61	1/2	3,974.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,975.35	3/4	3,229.87	3/4	3,484.39	3/4	3,738.91	3/4	3,976.14	3/4		3/4		3/4		3/4		3/4	
2	2,980.65	2	3,235.17	2	3,489.69	2	3,744.21	2	3,978.27	2		2		2		2		2	
1/4	2,985.95	1/4	3,240.47	1/4	3,494.99	1/4	3,749.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,991.26	1/2	3,245.78	1/2	3,500.30	1/2	3,754.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,996.56	3/4	3,251.08	3/4	3,505.60	3/4	3,760.12	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,001.86	3	3,256.38	3	3,510.90	3	3,765.42	3		3		3		3		3		3	
1/4	3,007.16	1/4	3,261.68	1/4	3,516.20	1/4	3,770.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,012.47	1/2	3,266.99	1/2	3,521.51	1/2	3,776.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,017.77	3/4	3,272.29	3/4	3,526.81	3/4	3,781.33	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,023.07	4	3,277.59	4	3,532.11	4	3,786.63	4		4		4		4		4		4	
1/4	3,028.37	1/4	3,282.89	1/4	3,537.41	1/4	3,791.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,033.68	1/2	3,288.20	1/2	3,542.72	1/2	3,797.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,038.98	3/4	3,293.50	3/4	3,548.02	3/4	3,802.54	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,044.28	5	3,298.80	5	3,553.32	5	3,807.84	5		5		5		5		5		5	
1/4	3,049.58	1/4	3,304.10	1/4	3,558.62	1/4	3,813.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,054.89	1/2	3,309.41	1/2	3,563.93	1/2	3,818.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,060.19	3/4	3,314.71	3/4	3,569.23	3/4	3,823.75	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,065.49	6	3,320.01	6	3,574.53	6	3,829.05	6		6		6		6		6		6	
1/4	3,070.79	1/4	3,325.31	1/4	3,579.83	1/4	3,834.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,076.10	1/2	3,330.62	1/2	3,585.14	1/2	3,839.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,081.40	3/4	3,335.92	3/4	3,590.44	3/4	3,844.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,086.70	7	3,341.22	7	3,595.74	7	3,850.26	7		7		7		7		7		7	
1/4	3,092.00	1/4	3,346.52	1/4	3,601.04	1/4	3,855.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,097.31	1/2	3,351.83	1/2	3,606.35	1/2	3,860.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,102.61	3/4	3,357.13	3/4	3,611.65	3/4	3,866.17	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,107.91	8	3,362.43	8	3,616.95	8	3,871.47	8		8		8		8		8		8	
1/4	3,113.21	1/4	3,367.73	1/4	3,622.25	1/4	3,876.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,118.52	1/2	3,373.04	1/2	3,627.56	1/2	3,882.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,123.82	3/4	3,378.34	3/4	3,632.86	3/4	3,887.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,129.12	9	3,383.64	9	3,638.16	9	3,892.68	9		9		9		9		9		9	
1/4	3,134.42	1/4	3,388.94	1/4	3,643.46	1/4	3,897.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,139.73	1/2	3,394.25	1/2	3,648.77	1/2	3,903.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,145.03	3/4	3,399.55	3/4	3,654.07	3/4	3,908.57	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,150.33	10	3,404.85	10	3,659.37	10	3,913.86	10		10		10		10		10		10	
1/4	3,155.63	1/4	3,410.15	1/4	3,664.67	1/4	3,919.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,160.94	1/2	3,415.46	1/2	3,669.98	1/2	3,924.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,166.24	3/4	3,420.76	3/4	3,675.28	3/4	3,929.70	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,171.54	11	3,426.06	11	3,680.58	11	3,934.98	11		11		11		11		11		11	
1/4	3,176.84	1/4	3,431.36	1/4	3,685.88	1/4	3,939.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,182.15	1/2	3,436.67	1/2	3,691.19	1/2	3,944.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,187.45	3/4	3,441.97	3/4	3,696.49	3/4	3,949.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2017 SW  
CALCULATED: 07/10/2017 CL  
PRINTED: 07/11/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

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



# BARGE "IB 1091"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.46	0	241.47	0	505.28	0	765.18	0	1,026.91	0	1,290.72	0	1,554.54	0	1,818.36	0	2,082.18	0	2,345.99
1/4	4.29	1/4	246.97	1/4	510.78	1/4	770.53	1/4	1,032.40	1/4	1,296.22	1/4	1,560.04	1/4	1,823.86	1/4	2,087.67	1/4	2,351.49
1/2	6.12	1/2	252.47	1/2	516.27	1/2	775.88	1/2	1,037.90	1/2	1,301.72	1/2	1,565.53	1/2	1,829.35	1/2	2,093.17	1/2	2,356.99
3/4	7.95	3/4	257.96	3/4	521.77	3/4	781.22	3/4	1,043.40	3/4	1,307.21	3/4	1,571.03	3/4	1,834.85	3/4	2,098.67	3/4	2,362.48
1	9.79	1	263.46	1	527.27	1	786.57	1	1,048.89	1	1,312.71	1	1,576.53	1	1,840.34	1	2,104.16	1	2,367.98
1/4	13.45	1/4	268.95	1/4	532.76	1/4	791.91	1/4	1,054.39	1/4	1,318.21	1/4	1,582.02	1/4	1,845.84	1/4	2,109.66	1/4	2,373.48
1/2	17.11	1/2	274.45	1/2	538.26	1/2	797.26	1/2	1,059.88	1/2	1,323.70	1/2	1,587.52	1/2	1,851.34	1/2	2,115.15	1/2	2,378.97
3/4	20.77	3/4	279.95	3/4	543.75	3/4	802.61	3/4	1,065.38	3/4	1,329.20	3/4	1,593.02	3/4	1,856.83	3/4	2,120.65	3/4	2,384.47
2	24.43	2	285.44	2	549.25	2	807.95	2	1,070.88	2	1,334.69	2	1,598.51	2	1,862.33	2	2,126.15	2	2,389.96
1/4	29.40	1/4	290.94	1/4	554.75	1/4	813.30	1/4	1,076.37	1/4	1,340.19	1/4	1,604.01	1/4	1,867.83	1/4	2,131.64	1/4	2,395.46
1/2	34.38	1/2	296.43	1/2	560.24	1/2	818.65	1/2	1,081.87	1/2	1,345.69	1/2	1,609.50	1/2	1,873.32	1/2	2,137.14	1/2	2,400.96
3/4	39.36	3/4	301.93	3/4	565.74	3/4	823.99	3/4	1,087.37	3/4	1,351.18	3/4	1,615.00	3/4	1,878.82	3/4	2,142.64	3/4	2,406.45
3	44.34	3	307.43	3	571.23	3	829.34	3	1,092.86	3	1,356.68	3	1,620.50	3	1,884.31	3	2,148.13	3	2,411.95
1/4	49.74	1/4	312.92	1/4	576.73	1/4	834.76	1/4	1,098.36	1/4	1,362.18	1/4	1,625.99	1/4	1,889.81	1/4	2,153.63	1/4	2,417.45
1/2	55.15	1/2	318.42	1/2	582.23	1/2	840.19	1/2	1,103.85	1/2	1,367.67	1/2	1,631.49	1/2	1,895.31	1/2	2,159.12	1/2	2,422.94
3/4	60.56	3/4	323.91	3/4	587.72	3/4	845.61	3/4	1,109.35	3/4	1,373.17	3/4	1,636.99	3/4	1,900.80	3/4	2,164.62	3/4	2,428.44
4	65.96	4	329.41	4	593.22	4	851.03	4	1,114.85	4	1,378.66	4	1,642.48	4	1,906.30	4	2,170.12	4	2,433.93
1/4	71.41	1/4	334.91	1/4	598.71	1/4	856.52	1/4	1,120.34	1/4	1,384.16	1/4	1,647.98	1/4	1,911.80	1/4	2,175.61	1/4	2,439.43
1/2	76.86	1/2	340.40	1/2	604.21	1/2	862.02	1/2	1,125.84	1/2	1,389.66	1/2	1,653.47	1/2	1,917.29	1/2	2,181.11	1/2	2,444.93
3/4	82.31	3/4	345.90	3/4	609.71	3/4	867.52	3/4	1,131.33	3/4	1,395.15	3/4	1,658.97	3/4	1,922.79	3/4	2,186.61	3/4	2,450.42
5	87.75	5	351.39	5	615.20	5	873.01	5	1,136.83	5	1,400.65	5	1,664.47	5	1,928.28	5	2,192.10	5	2,455.92
1/4	93.22	1/4	356.89	1/4	620.62	1/4	878.51	1/4	1,142.33	1/4	1,406.14	1/4	1,669.96	1/4	1,933.78	1/4	2,197.60	1/4	2,461.42
1/2	98.69	1/2	362.39	1/2	626.04	1/2	884.01	1/2	1,147.82	1/2	1,411.64	1/2	1,675.46	1/2	1,939.28	1/2	2,203.09	1/2	2,466.91
3/4	104.16	3/4	367.88	3/4	631.47	3/4	889.50	3/4	1,153.32	3/4	1,417.14	3/4	1,680.95	3/4	1,944.77	3/4	2,208.59	3/4	2,472.41
6	109.63	6	373.38	6	636.89	6	895.00	6	1,158.82	6	1,422.63	6	1,686.45	6	1,950.27	6	2,214.09	6	2,477.90
1/4	115.12	1/4	378.87	1/4	642.23	1/4	900.49	1/4	1,164.31	1/4	1,428.13	1/4	1,691.95	1/4	1,955.76	1/4	2,219.58	1/4	2,483.40
1/2	120.60	1/2	384.37	1/2	647.58	1/2	905.99	1/2	1,169.81	1/2	1,433.63	1/2	1,697.44	1/2	1,961.26	1/2	2,225.08	1/2	2,488.90
3/4	126.09	3/4	389.87	3/4	652.92	3/4	911.49	3/4	1,175.30	3/4	1,439.12	3/4	1,702.94	3/4	1,966.76	3/4	2,230.57	3/4	2,494.39
7	131.57	7	395.36	7	658.27	7	916.98	7	1,180.80	7	1,444.62	7	1,708.44	7	1,972.25	7	2,236.07	7	2,499.89
1/4	137.07	1/4	400.86	1/4	663.62	1/4	922.48	1/4	1,186.30	1/4	1,450.11	1/4	1,713.93	1/4	1,977.75	1/4	2,241.57	1/4	2,505.38
1/2	142.56	1/2	406.35	1/2	668.96	1/2	927.98	1/2	1,191.79	1/2	1,455.61	1/2	1,719.43	1/2	1,983.25	1/2	2,247.06	1/2	2,510.88
3/4	148.05	3/4	411.85	3/4	674.31	3/4	933.47	3/4	1,197.29	3/4	1,461.11	3/4	1,724.92	3/4	1,988.74	3/4	2,252.56	3/4	2,516.38
8	153.54	8	417.35	8	679.65	8	938.97	8	1,202.79	8	1,466.60	8	1,730.42	8	1,994.24	8	2,258.06	8	2,521.87
1/4	159.04	1/4	422.84	1/4	685.00	1/4	944.46	1/4	1,208.28	1/4	1,472.10	1/4	1,735.92	1/4	1,999.73	1/4	2,263.55	1/4	2,527.37
1/2	164.53	1/2	428.34	1/2	690.34	1/2	949.96	1/2	1,213.78	1/2	1,477.60	1/2	1,741.41	1/2	2,005.23	1/2	2,269.05	1/2	2,532.87
3/4	170.03	3/4	433.83	3/4	695.69	3/4	955.46	3/4	1,219.27	3/4	1,483.09	3/4	1,746.91	3/4	2,010.73	3/4	2,274.54	3/4	2,538.36
9	175.52	9	439.33	9	701.04	9	960.95	9	1,224.77	9	1,488.59	9	1,752.41	9	2,016.22	9	2,280.04	9	2,543.86
1/4	181.02	1/4	444.83	1/4	706.38	1/4	966.45	1/4	1,230.27	1/4	1,494.08	1/4	1,757.90	1/4	2,021.72	1/4	2,285.54	1/4	2,549.35
1/2	186.52	1/2	450.32	1/2	711.73	1/2	971.94	1/2	1,235.76	1/2	1,499.58	1/2	1,763.40	1/2	2,027.22	1/2	2,291.03	1/2	2,554.85
3/4	192.01	3/4	455.82	3/4	717.07	3/4	977.44	3/4	1,241.26	3/4	1,505.08	3/4	1,768.89	3/4	2,032.71	3/4	2,296.53	3/4	2,560.35
10	197.51	10	461.31	10	722.42	10	982.94	10	1,246.75	10	1,510.57	10	1,774.39	10	2,038.21	10	2,302.03	10	2,565.84
1/4	203.00	1/4	466.81	1/4	727.76	1/4	988.43	1/4	1,252.25	1/4	1,516.07	1/4	1,779.89	1/4	2,043.70	1/4	2,307.52	1/4	2,571.34
1/2	208.50	1/2	472.31	1/2	733.11	1/2	993.93	1/2	1,257.75	1/2	1,521.56	1/2	1,785.38	1/2	2,049.20	1/2	2,313.02	1/2	2,576.84
3/4	213.99	3/4	477.80	3/4	738.46	3/4	999.43	3/4	1,263.24	3/4	1,527.06	3/4	1,790.88	3/4	2,054.70	3/4	2,318.51	3/4	2,582.33
11	219.49	11	483.30	11	743.80	11	1,004.92	11	1,268.74	11	1,532.56	11	1,796.37	11	2,060.19	11	2,324.01	11	2,587.83
1/4	224.99	1/4	488.79	1/4	749.15	1/4	1,010.42	1/4	1,274.24	1/4	1,538.05	1/4	1,801.87	1/4	2,065.69	1/4	2,329.51	1/4	2,593.32
1/2	230.48	1/2	494.29	1/2	754.49	1/2	1,015.91	1/2	1,279.73	1/2	1,543.55	1/2	1,807.37	1/2	2,071.18	1/2	2,335.00	1/2	2,598.82
3/4	235.98	3/4	499.79	3/4	759.84	3/4	1,021.41	3/4	1,285.23	3/4	1,549.05	3/4	1,812.86	3/4	2,076.68	3/4	2,340.50	3/4	2,604.32

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 1091"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 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	2,609.81	0	2,873.63	0	3,137.45	0	3,401.27	0	3,663.86	0		0		0		0		0	
1/4	2,615.31	1/4	2,879.13	1/4	3,142.94	1/4	3,406.76	1/4	3,667.94	1/4		1/4		1/4		1/4		1/4	
1/2	2,620.80	1/2	2,884.62	1/2	3,148.44	1/2	3,412.26	1/2	3,672.03	1/2		1/2		1/2		1/2		1/2	
3/4	2,626.30	3/4	2,890.12	3/4	3,153.94	3/4	3,417.75	3/4	3,676.11	3/4		3/4		3/4		3/4		3/4	
1	2,631.80	1	2,895.61	1	3,159.43	1	3,423.25	1	3,680.20	1		1		1		1		1	
1/4	2,637.29	1/4	2,901.11	1/4	3,164.93	1/4	3,428.75	1/4	3,682.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,642.79	1/2	2,906.61	1/2	3,170.42	1/2	3,434.24	1/2	3,684.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,648.29	3/4	2,912.10	3/4	3,175.92	3/4	3,439.74	3/4	3,687.07	3/4		3/4		3/4		3/4		3/4	
2	2,653.78	2	2,917.60	2	3,181.42	2	3,445.23	2	3,689.36	2		2		2		2		2	
1/4	2,659.28	1/4	2,923.10	1/4	3,186.91	1/4	3,450.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,664.77	1/2	2,928.59	1/2	3,192.41	1/2	3,456.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,670.27	3/4	2,934.09	3/4	3,197.91	3/4	3,461.72	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,675.77	3	2,939.58	3	3,203.40	3	3,467.22	3		3		3		3		3		3	
1/4	2,681.26	1/4	2,945.08	1/4	3,208.90	1/4	3,472.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,686.76	1/2	2,950.58	1/2	3,214.39	1/2	3,478.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,692.26	3/4	2,956.07	3/4	3,219.89	3/4	3,483.71	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,697.75	4	2,961.57	4	3,225.39	4	3,489.20	4		4		4		4		4		4	
1/4	2,703.25	1/4	2,967.07	1/4	3,230.88	1/4	3,494.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,708.74	1/2	2,972.56	1/2	3,236.38	1/2	3,500.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,714.24	3/4	2,978.06	3/4	3,241.88	3/4	3,505.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,719.74	5	2,983.55	5	3,247.37	5	3,511.19	5		5		5		5		5		5	
1/4	2,725.23	1/4	2,989.05	1/4	3,252.87	1/4	3,516.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,730.73	1/2	2,994.55	1/2	3,258.36	1/2	3,522.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,736.23	3/4	3,000.04	3/4	3,263.86	3/4	3,527.68	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,741.72	6	3,005.54	6	3,269.36	6	3,533.17	6		6		6		6		6		6	
1/4	2,747.22	1/4	3,011.04	1/4	3,274.85	1/4	3,538.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,752.71	1/2	3,016.53	1/2	3,280.35	1/2	3,544.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,758.21	3/4	3,022.03	3/4	3,285.85	3/4	3,549.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,763.71	7	3,027.52	7	3,291.34	7	3,555.16	7		7		7		7		7		7	
1/4	2,769.20	1/4	3,033.02	1/4	3,296.84	1/4	3,560.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,774.70	1/2	3,038.52	1/2	3,302.33	1/2	3,566.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,780.19	3/4	3,044.01	3/4	3,307.83	3/4	3,571.65	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,785.69	8	3,049.51	8	3,313.33	8	3,577.14	8		8		8		8		8		8	
1/4	2,791.19	1/4	3,055.00	1/4	3,318.82	1/4	3,582.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,796.68	1/2	3,060.50	1/2	3,324.32	1/2	3,588.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,802.18	3/4	3,066.00	3/4	3,329.81	3/4	3,593.64	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,807.68	9	3,071.49	9	3,335.31	9	3,599.14	9		9		9		9		9		9	
1/4	2,813.17	1/4	3,076.99	1/4	3,340.81	1/4	3,604.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,818.67	1/2	3,082.49	1/2	3,346.30	1/2	3,610.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,824.16	3/4	3,087.98	3/4	3,351.80	3/4	3,615.61	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,829.66	10	3,093.48	10	3,357.30	10	3,621.11	10		10		10		10		10		10	
1/4	2,835.16	1/4	3,098.97	1/4	3,362.79	1/4	3,626.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,840.65	1/2	3,104.47	1/2	3,368.29	1/2	3,632.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,846.15	3/4	3,109.97	3/4	3,373.78	3/4	3,637.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,851.65	11	3,115.46	11	3,379.28	11	3,643.01	11		11		11		11		11		11	
1/4	2,857.14	1/4	3,120.96	1/4	3,384.78	1/4	3,648.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.64	1/2	3,126.46	1/2	3,390.27	1/2	3,653.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,868.13	3/4	3,131.95	3/4	3,395.77	3/4	3,658.65	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2017 SW  
CALCULATED: 07/10/2017 CL  
PRINTED: 07/11/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

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



# BARGE "IB 1091"

## 3 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	2.44	0	239.39	0	500.92	0	762.17	0	1,023.57	0	1,285.10	0	1,546.64	0	1,808.18	0	2,069.72	0	2,331.26
1/4	4.26	1/4	244.84	1/4	506.37	1/4	767.61	1/4	1,029.02	1/4	1,290.55	1/4	1,552.09	1/4	1,813.63	1/4	2,075.17	1/4	2,336.70
1/2	6.08	1/2	250.29	1/2	511.82	1/2	773.04	1/2	1,034.46	1/2	1,296.00	1/2	1,557.54	1/2	1,819.08	1/2	2,080.61	1/2	2,342.15
3/4	7.89	3/4	255.74	3/4	517.27	3/4	778.48	3/4	1,039.91	3/4	1,301.45	3/4	1,562.99	3/4	1,824.53	3/4	2,086.06	3/4	2,347.60
1	9.71	1	261.19	1	522.71	1	783.92	1	1,045.36	1	1,306.90	1	1,568.44	1	1,829.97	1	2,091.51	1	2,353.05
1/4	13.34	1/4	266.63	1/4	528.16	1/4	789.36	1/4	1,050.81	1/4	1,312.35	1/4	1,573.89	1/4	1,835.42	1/4	2,096.96	1/4	2,358.50
1/2	16.96	1/2	272.08	1/2	533.61	1/2	794.80	1/2	1,056.26	1/2	1,317.80	1/2	1,579.33	1/2	1,840.87	1/2	2,102.41	1/2	2,363.95
3/4	20.59	3/4	277.53	3/4	539.06	3/4	800.24	3/4	1,061.71	3/4	1,323.25	3/4	1,584.78	3/4	1,846.32	3/4	2,107.86	3/4	2,369.40
2	24.22	2	282.98	2	544.51	2	805.68	2	1,067.16	2	1,328.69	2	1,590.23	2	1,851.77	2	2,113.31	2	2,374.84
1/4	29.15	1/4	288.43	1/4	549.96	1/4	811.11	1/4	1,072.61	1/4	1,334.14	1/4	1,595.68	1/4	1,857.22	1/4	2,118.76	1/4	2,380.29
1/2	34.09	1/2	293.88	1/2	555.41	1/2	816.55	1/2	1,078.05	1/2	1,339.59	1/2	1,601.13	1/2	1,862.67	1/2	2,124.20	1/2	2,385.74
3/4	39.02	3/4	299.33	3/4	560.85	3/4	821.99	3/4	1,083.50	3/4	1,345.04	3/4	1,606.58	3/4	1,868.12	3/4	2,129.65	3/4	2,391.19
3	43.96	3	304.77	3	566.30	3	827.43	3	1,088.95	3	1,350.49	3	1,612.03	3	1,873.56	3	2,135.10	3	2,396.64
1/4	49.32	1/4	310.22	1/4	571.75	1/4	832.88	1/4	1,094.40	1/4	1,355.94	1/4	1,617.48	1/4	1,879.01	1/4	2,140.55	1/4	2,402.09
1/2	54.68	1/2	315.67	1/2	577.20	1/2	838.32	1/2	1,099.85	1/2	1,361.39	1/2	1,622.92	1/2	1,884.46	1/2	2,146.00	1/2	2,407.54
3/4	60.04	3/4	321.12	3/4	582.65	3/4	843.76	3/4	1,105.30	3/4	1,366.84	3/4	1,628.37	3/4	1,889.91	3/4	2,151.45	3/4	2,412.99
4	65.40	4	326.57	4	588.10	4	849.21	4	1,110.75	4	1,372.28	4	1,633.82	4	1,895.36	4	2,156.90	4	2,418.43
1/4	70.80	1/4	332.02	1/4	593.54	1/4	854.66	1/4	1,116.20	1/4	1,377.73	1/4	1,639.27	1/4	1,900.81	1/4	2,162.35	1/4	2,423.88
1/2	76.20	1/2	337.47	1/2	598.99	1/2	860.11	1/2	1,121.64	1/2	1,383.18	1/2	1,644.72	1/2	1,906.26	1/2	2,167.79	1/2	2,429.33
3/4	81.60	3/4	342.91	3/4	604.44	3/4	865.55	3/4	1,127.09	3/4	1,388.63	3/4	1,650.17	3/4	1,911.71	3/4	2,173.24	3/4	2,434.78
5	87.00	5	348.36	5	609.89	5	871.00	5	1,132.54	5	1,394.08	5	1,655.62	5	1,917.15	5	2,178.69	5	2,440.23
1/4	92.42	1/4	353.81	1/4	615.33	1/4	876.45	1/4	1,137.99	1/4	1,399.53	1/4	1,661.07	1/4	1,922.60	1/4	2,184.14	1/4	2,445.68
1/2	97.85	1/2	359.26	1/2	620.78	1/2	881.90	1/2	1,143.44	1/2	1,404.98	1/2	1,666.51	1/2	1,928.05	1/2	2,189.59	1/2	2,451.13
3/4	103.27	3/4	364.71	3/4	626.22	3/4	887.35	3/4	1,148.89	3/4	1,410.42	3/4	1,671.96	3/4	1,933.50	3/4	2,195.04	3/4	2,456.58
6	108.69	6	370.16	6	631.66	6	892.80	6	1,154.34	6	1,415.87	6	1,677.41	6	1,938.95	6	2,200.49	6	2,462.02
1/4	114.13	1/4	375.60	1/4	637.10	1/4	898.25	1/4	1,159.78	1/4	1,421.32	1/4	1,682.86	1/4	1,944.40	1/4	2,205.94	1/4	2,467.47
1/2	119.57	1/2	381.05	1/2	642.54	1/2	903.70	1/2	1,165.23	1/2	1,426.77	1/2	1,688.31	1/2	1,949.85	1/2	2,211.38	1/2	2,472.92
3/4	125.00	3/4	386.50	3/4	647.97	3/4	909.14	3/4	1,170.68	3/4	1,432.22	3/4	1,693.76	3/4	1,955.29	3/4	2,216.83	3/4	2,478.37
7	130.44	7	391.95	7	653.41	7	914.59	7	1,176.13	7	1,437.67	7	1,699.21	7	1,960.74	7	2,222.28	7	2,483.82
1/4	135.89	1/4	397.40	1/4	658.85	1/4	920.04	1/4	1,181.58	1/4	1,443.12	1/4	1,704.65	1/4	1,966.19	1/4	2,227.73	1/4	2,489.27
1/2	141.33	1/2	402.85	1/2	664.29	1/2	925.49	1/2	1,187.03	1/2	1,448.57	1/2	1,710.10	1/2	1,971.64	1/2	2,233.18	1/2	2,494.72
3/4	146.78	3/4	408.30	3/4	669.73	3/4	930.94	3/4	1,192.48	3/4	1,454.01	3/4	1,715.55	3/4	1,977.09	3/4	2,238.63	3/4	2,500.16
8	152.22	8	413.74	8	675.16	8	936.39	8	1,197.93	8	1,459.46	8	1,721.00	8	1,982.54	8	2,244.08	8	2,505.61
1/4	157.67	1/4	419.19	1/4	680.60	1/4	941.84	1/4	1,203.37	1/4	1,464.91	1/4	1,726.45	1/4	1,987.99	1/4	2,249.52	1/4	2,511.06
1/2	163.12	1/2	424.64	1/2	686.04	1/2	947.29	1/2	1,208.82	1/2	1,470.36	1/2	1,731.90	1/2	1,993.44	1/2	2,254.97	1/2	2,516.51
3/4	168.56	3/4	430.09	3/4	691.48	3/4	952.73	3/4	1,214.27	3/4	1,475.81	3/4	1,737.35	3/4	1,998.88	3/4	2,260.42	3/4	2,521.96
9	174.01	9	435.54	9	696.91	9	958.18	9	1,219.72	9	1,481.26	9	1,742.80	9	2,004.33	9	2,265.87	9	2,527.41
1/4	179.46	1/4	440.99	1/4	702.35	1/4	963.63	1/4	1,225.17	1/4	1,486.71	1/4	1,748.24	1/4	2,009.78	1/4	2,271.32	1/4	2,532.86
1/2	184.91	1/2	446.44	1/2	707.79	1/2	969.08	1/2	1,230.62	1/2	1,492.16	1/2	1,753.69	1/2	2,015.23	1/2	2,276.77	1/2	2,538.31
3/4	190.36	3/4	451.88	3/4	713.23	3/4	974.53	3/4	1,236.07	3/4	1,497.60	3/4	1,759.14	3/4	2,020.68	3/4	2,282.22	3/4	2,543.75
10	195.80	10	457.33	10	718.67	10	979.98	10	1,241.52	10	1,503.05	10	1,764.59	10	2,026.13	10	2,287.67	10	2,549.20
1/4	201.25	1/4	462.78	1/4	724.10	1/4	985.43	1/4	1,246.96	1/4	1,508.50	1/4	1,770.04	1/4	2,031.58	1/4	2,293.11	1/4	2,554.65
1/2	206.70	1/2	468.23	1/2	729.54	1/2	990.88	1/2	1,252.41	1/2	1,513.95	1/2	1,775.49	1/2	2,037.03	1/2	2,298.56	1/2	2,560.10
3/4	212.15	3/4	473.68	3/4	734.98	3/4	996.32	3/4	1,257.86	3/4	1,519.40	3/4	1,780.94	3/4	2,042.47	3/4	2,304.01	3/4	2,565.55
11	217.60	11	479.13	11	740.42	11	1,001.77	11	1,263.31	11	1,524.85	11	1,786.39	11	2,047.92	11	2,309.46	11	2,571.00
1/4	223.05	1/4	484.57	1/4	745.86	1/4	1,007.22	1/4	1,268.76	1/4	1,530.30	1/4	1,791.83	1/4	2,053.37	1/4	2,314.91	1/4	2,576.45
1/2	228.50	1/2	490.02	1/2	751.29	1/2	1,012.67	1/2	1,274.21	1/2	1,535.74	1/2	1,797.28	1/2	2,058.82	1/2	2,320.36	1/2	2,581.90
3/4	233.94	3/4	495.47	3/4	756.73	3/4	1,018.12	3/4	1,279.66	3/4	1,541.19	3/4	1,802.73	3/4	2,064.27	3/4	2,325.81	3/4	2,587.34

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 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1091"

## 3 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	2,592.79	0	2,854.33	0	3,115.87	0	3,377.41	0	3,637.71	0		0		0		0		0	
1/4	2,598.24	1/4	2,859.78	1/4	3,121.32	1/4	3,382.85	1/4	3,641.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,603.69	1/2	2,865.23	1/2	3,126.77	1/2	3,388.30	1/2	3,645.81	1/2		1/2		1/2		1/2		1/2	
3/4	2,609.14	3/4	2,870.68	3/4	3,132.21	3/4	3,393.75	3/4	3,649.86	3/4		3/4		3/4		3/4		3/4	
1	2,614.59	1	2,876.13	1	3,137.66	1	3,399.20	1	3,653.91	1		1		1		1		1	
1/4	2,620.04	1/4	2,881.57	1/4	3,143.11	1/4	3,404.65	1/4	3,656.18	1/4		1/4		1/4		1/4		1/4	
1/2	2,625.48	1/2	2,887.02	1/2	3,148.56	1/2	3,410.10	1/2	3,658.45	1/2		1/2		1/2		1/2		1/2	
3/4	2,630.93	3/4	2,892.47	3/4	3,154.01	3/4	3,415.55	3/4	3,660.72	3/4		3/4		3/4		3/4		3/4	
2	2,636.38	2	2,897.92	2	3,159.46	2	3,421.00	2	3,662.99	2		2		2		2		2	
1/4	2,641.83	1/4	2,903.37	1/4	3,164.91	1/4	3,426.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,647.28	1/2	2,908.82	1/2	3,170.35	1/2	3,431.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,652.73	3/4	2,914.27	3/4	3,175.80	3/4	3,437.34	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,658.18	3	2,919.71	3	3,181.25	3	3,442.79	3		3		3		3		3		3	
1/4	2,663.63	1/4	2,925.16	1/4	3,186.70	1/4	3,448.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,669.07	1/2	2,930.61	1/2	3,192.15	1/2	3,453.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,674.52	3/4	2,936.06	3/4	3,197.60	3/4	3,459.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,679.97	4	2,941.51	4	3,203.05	4	3,464.58	4		4		4		4		4		4	
1/4	2,685.42	1/4	2,946.96	1/4	3,208.50	1/4	3,470.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,690.87	1/2	2,952.41	1/2	3,213.94	1/2	3,475.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,696.32	3/4	2,957.86	3/4	3,219.39	3/4	3,480.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,701.77	5	2,963.30	5	3,224.84	5	3,486.38	5		5		5		5		5		5	
1/4	2,707.22	1/4	2,968.75	1/4	3,230.29	1/4	3,491.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,712.66	1/2	2,974.20	1/2	3,235.74	1/2	3,497.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,718.11	3/4	2,979.65	3/4	3,241.19	3/4	3,502.73	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,723.56	6	2,985.10	6	3,246.64	6	3,508.17	6		6		6		6		6		6	
1/4	2,729.01	1/4	2,990.55	1/4	3,252.09	1/4	3,513.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,734.46	1/2	2,996.00	1/2	3,257.53	1/2	3,519.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,739.91	3/4	3,001.45	3/4	3,262.98	3/4	3,524.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,745.36	7	3,006.89	7	3,268.43	7	3,529.97	7		7		7		7		7		7	
1/4	2,750.81	1/4	3,012.34	1/4	3,273.88	1/4	3,535.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,756.25	1/2	3,017.79	1/2	3,279.33	1/2	3,540.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,761.70	3/4	3,023.24	3/4	3,284.78	3/4	3,546.32	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,767.15	8	3,028.69	8	3,290.23	8	3,551.76	8		8		8		8		8		8	
1/4	2,772.60	1/4	3,034.14	1/4	3,295.68	1/4	3,557.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,778.05	1/2	3,039.59	1/2	3,301.12	1/2	3,562.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,783.50	3/4	3,045.03	3/4	3,306.57	3/4	3,568.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,788.95	9	3,050.48	9	3,312.02	9	3,573.55	9		9		9		9		9		9	
1/4	2,794.39	1/4	3,055.93	1/4	3,317.47	1/4	3,579.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,799.84	1/2	3,061.38	1/2	3,322.92	1/2	3,584.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,805.29	3/4	3,066.83	3/4	3,328.37	3/4	3,589.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,810.74	10	3,072.28	10	3,333.82	10	3,595.33	10		10		10		10		10		10	
1/4	2,816.19	1/4	3,077.73	1/4	3,339.26	1/4	3,600.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,821.64	1/2	3,083.18	1/2	3,344.71	1/2	3,606.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,827.09	3/4	3,088.62	3/4	3,350.16	3/4	3,611.61	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,832.54	11	3,094.07	11	3,355.61	11	3,617.04	11		11		11		11		11		11	
1/4	2,837.98	1/4	3,099.52	1/4	3,361.06	1/4	3,622.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,843.43	1/2	3,104.97	1/2	3,366.51	1/2	3,627.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,848.88	3/4	3,110.42	3/4	3,371.96	3/4	3,632.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2017 SW  
CALCULATED: 07/10/2017 CL  
PRINTED: 07/11/2017 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2017

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