



BARGE "IB 1090"

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	00-1/4	- 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 1090"

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	6.11	0	275.77	0	573.03	0	866.32	0	1,161.33	0	1,458.40	0	1,755.09	0	2,052.33	0	2,349.56	0	2,646.79
1/4	8.18	1/4	281.97	1/4	579.22	1/4	872.36	1/4	1,167.52	1/4	1,464.58	1/4	1,761.29	1/4	2,058.53	1/4	2,355.75	1/4	2,652.98
1/2	10.25	1/2	288.16	1/2	585.41	1/2	878.40	1/2	1,173.71	1/2	1,470.76	1/2	1,767.48	1/2	2,064.72	1/2	2,361.94	1/2	2,659.17
3/4	12.32	3/4	294.35	3/4	591.60	3/4	884.44	3/4	1,179.90	3/4	1,477.93	3/4	1,773.67	3/4	2,070.91	3/4	2,368.14	3/4	2,665.37
1	14.38	1	300.55	1	597.80	1	890.48	1	1,186.09	1	1,483.11	1	1,779.86	1	2,077.10	1	2,374.33	1	2,671.56
1/4	18.52	1/4	306.74	1/4	603.99	1/4	896.52	1/4	1,192.28	1/4	1,489.29	1/4	1,786.06	1/4	2,083.30	1/4	2,380.52	1/4	2,677.75
1/2	22.65	1/2	312.93	1/2	610.18	1/2	902.56	1/2	1,198.47	1/2	1,495.47	1/2	1,792.25	1/2	2,089.49	1/2	2,386.71	1/2	2,683.94
3/4	26.78	3/4	319.12	3/4	616.38	3/4	908.60	3/4	1,204.66	3/4	1,501.65	3/4	1,798.44	3/4	2,095.68	3/4	2,392.90	3/4	2,690.14
2	30.91	2	325.32	2	622.57	2	914.64	2	1,210.85	2	1,507.82	2	1,804.63	2	2,101.87	2	2,399.10	2	2,696.33
1/4	36.53	1/4	331.51	1/4	628.76	1/4	920.69	1/4	1,217.04	1/4	1,514.00	1/4	1,810.83	1/4	2,108.07	1/4	2,405.29	1/4	2,702.52
1/2	42.15	1/2	337.70	1/2	634.95	1/2	926.73	1/2	1,223.23	1/2	1,520.18	1/2	1,817.02	1/2	2,114.26	1/2	2,411.48	1/2	2,708.71
3/4	47.77	3/4	343.90	3/4	641.15	3/4	932.77	3/4	1,229.42	3/4	1,526.36	3/4	1,823.21	3/4	2,120.45	3/4	2,417.67	3/4	2,714.91
3	53.39	3	350.09	3	647.34	3	938.81	3	1,235.61	3	1,532.54	3	1,829.40	3	2,126.64	3	2,423.86	3	2,721.10
1/4	59.49	1/4	356.28	1/4	653.53	1/4	944.93	1/4	1,241.79	1/4	1,538.72	1/4	1,835.60	1/4	2,132.84	1/4	2,430.05	1/4	2,727.29
1/2	65.60	1/2	362.47	1/2	659.72	1/2	951.04	1/2	1,247.98	1/2	1,544.89	1/2	1,841.79	1/2	2,139.03	1/2	2,436.25	1/2	2,733.48
3/4	71.70	3/4	368.67	3/4	665.92	3/4	957.16	3/4	1,254.17	3/4	1,551.07	3/4	1,847.98	3/4	2,145.22	3/4	2,442.44	3/4	2,739.68
4	77.81	4	374.86	4	672.11	4	963.27	4	1,260.36	4	1,557.25	4	1,854.17	4	2,151.41	4	2,448.63	4	2,745.87
1/4	83.95	1/4	381.05	1/4	678.30	1/4	969.46	1/4	1,266.55	1/4	1,563.43	1/4	1,860.37	1/4	2,157.61	1/4	2,454.82	1/4	2,752.06
1/2	90.10	1/2	387.25	1/2	684.49	1/2	975.65	1/2	1,272.74	1/2	1,569.61	1/2	1,866.56	1/2	2,163.80	1/2	2,461.01	1/2	2,758.25
3/4	96.25	3/4	393.44	3/4	690.69	3/4	981.84	3/4	1,278.93	3/4	1,575.78	3/4	1,872.75	3/4	2,169.99	3/4	2,467.21	3/4	2,764.45
5	102.40	5	399.63	5	696.88	5	988.03	5	1,285.12	5	1,581.96	5	1,878.94	5	2,176.18	5	2,473.40	5	2,770.64
1/4	108.58	1/4	405.82	1/4	703.00	1/4	994.22	1/4	1,291.31	1/4	1,588.14	1/4	1,885.14	1/4	2,182.38	1/4	2,479.59	1/4	2,776.83
1/2	114.75	1/2	412.02	1/2	709.11	1/2	1,000.41	1/2	1,297.50	1/2	1,594.32	1/2	1,891.33	1/2	2,188.57	1/2	2,485.78	1/2	2,783.02
3/4	120.93	3/4	418.21	3/4	715.23	3/4	1,006.60	3/4	1,303.69	3/4	1,600.50	3/4	1,897.52	3/4	2,194.76	3/4	2,491.98	3/4	2,789.22
6	127.10	6	424.40	6	721.35	6	1,012.79	6	1,309.88	6	1,606.67	6	1,903.71	6	2,200.95	6	2,498.17	6	2,795.41
1/4	133.29	1/4	430.59	1/4	727.39	1/4	1,018.98	1/4	1,316.07	1/4	1,612.85	1/4	1,909.91	1/4	2,207.15	1/4	2,504.36	1/4	2,801.60
1/2	139.48	1/2	436.79	1/2	733.43	1/2	1,025.17	1/2	1,322.26	1/2	1,619.03	1/2	1,916.10	1/2	2,213.34	1/2	2,510.55	1/2	2,807.79
3/4	145.67	3/4	442.98	3/4	739.47	3/4	1,031.35	3/4	1,328.45	3/4	1,625.21	3/4	1,922.29	3/4	2,219.53	3/4	2,516.75	3/4	2,813.99
7	151.86	7	449.17	7	745.51	7	1,037.54	7	1,334.64	7	1,631.39	7	1,928.48	7	2,225.72	7	2,522.94	7	2,820.18
1/4	158.06	1/4	455.36	1/4	751.55	1/4	1,043.73	1/4	1,340.82	1/4	1,637.56	1/4	1,934.68	1/4	2,231.92	1/4	2,529.13	1/4	2,826.37
1/2	164.25	1/2	461.56	1/2	757.59	1/2	1,049.92	1/2	1,347.01	1/2	1,643.74	1/2	1,940.87	1/2	2,238.11	1/2	2,535.32	1/2	2,832.56
3/4	170.44	3/4	467.75	3/4	763.63	3/4	1,056.11	3/4	1,353.20	3/4	1,649.92	3/4	1,947.06	3/4	2,244.30	3/4	2,541.52	3/4	2,838.76
8	176.64	8	473.94	8	769.67	8	1,062.30	8	1,359.39	8	1,656.10	8	1,953.25	8	2,250.49	8	2,547.71	8	2,844.95
1/4	182.83	1/4	480.14	1/4	775.71	1/4	1,068.49	1/4	1,365.58	1/4	1,662.28	1/4	1,959.45	1/4	2,256.69	1/4	2,553.90	1/4	2,851.14
1/2	189.03	1/2	486.33	1/2	781.75	1/2	1,074.68	1/2	1,371.77	1/2	1,668.46	1/2	1,965.64	1/2	2,262.88	1/2	2,560.09	1/2	2,857.33
3/4	195.23	3/4	492.52	3/4	787.79	3/4	1,080.87	3/4	1,377.96	3/4	1,674.63	3/4	1,971.83	3/4	2,269.07	3/4	2,566.29	3/4	2,863.53
9	201.42	9	498.71	9	793.83	9	1,087.06	9	1,384.15	9	1,680.81	9	1,978.02	9	2,275.26	9	2,572.48	9	2,869.72
1/4	207.62	1/4	504.91	1/4	799.87	1/4	1,093.25	1/4	1,390.34	1/4	1,687.00	1/4	1,984.22	1/4	2,281.45	1/4	2,578.67	1/4	2,875.96
1/2	213.82	1/2	511.10	1/2	805.91	1/2	1,099.44	1/2	1,396.53	1/2	1,693.18	1/2	1,990.41	1/2	2,287.64	1/2	2,584.86	1/2	2,881.19
3/4	220.02	3/4	517.29	3/4	811.95	3/4	1,105.63	3/4	1,402.72	3/4	1,699.37	3/4	1,996.60	3/4	2,293.83	3/4	2,591.06	3/4	2,886.93
10	226.22	10	523.48	10	817.99	10	1,111.82	10	1,408.91	10	1,705.55	10	2,002.79	10	2,300.03	10	2,597.25	10	2,892.67
1/4	232.42	1/4	529.68	1/4	824.03	1/4	1,118.01	1/4	1,415.10	1/4	1,711.75	1/4	2,008.99	1/4	2,306.22	1/4	2,603.44	1/4	2,897.96
1/2	238.61	1/2	535.87	1/2	830.07	1/2	1,124.20	1/2	1,421.29	1/2	1,717.94	1/2	2,015.18	1/2	2,312.41	1/2	2,609.63	1/2	2,903.25
3/4	244.81	3/4	542.06	3/4	836.11	3/4	1,130.39	3/4	1,427.48	3/4	1,724.13	3/4	2,021.37	3/4	2,318.60	3/4	2,615.83	3/4	2,908.54
11	251.00	11	548.26	11	842.16	11	1,136.57	11	1,433.67	11	1,730.32	11	2,027.56	11	2,324.79	11	2,622.02	11	2,913.83
1/4	257.20	1/4	554.45	1/4	848.20	1/4	1,142.76	1/4	1,439.85	1/4	1,736.52	1/4	2,033.76	1/4	2,330.99	1/4	2,628.21	1/4	2,919.13
1/2	263.39	1/2	560.64	1/2	854.24	1/2	1,148.95	1/2	1,446.03	1/2	1,742.71	1/2	2,039.95	1/2	2,337.18	1/2	2,634.40	1/2	2,924.43
3/4	269.58	3/4	566.83	3/4	860.28	3/4	1,155.14	3/4	1,452.22	3/4	1,748.90	3/4	2,046.14	3/4	2,343.37	3/4	2,640.60	3/4	2,929.72

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 1090"

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	2,935.02	0	3,189.26	0	3,443.50	0	3,697.74	0	3,950.59	0		0		0		0		0	
1/4	2,940.32	1/4	3,194.56	1/4	3,448.80	1/4	3,703.04	1/4	3,954.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,945.61	1/2	3,199.85	1/2	3,454.10	1/2	3,708.34	1/2	3,957.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,950.91	3/4	3,205.15	3/4	3,459.39	3/4	3,713.63	3/4	3,961.69	3/4		3/4		3/4		3/4		3/4	
1	2,956.21	1	3,210.45	1	3,464.69	1	3,718.93	1	3,965.40	1		1		1		1		1	
1/4	2,961.50	1/4	3,215.74	1/4	3,469.99	1/4	3,724.23	1/4	3,967.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,966.80	1/2	3,221.04	1/2	3,475.28	1/2	3,729.52	1/2	3,969.66	1/2		1/2		1/2		1/2		1/2	
3/4	2,972.10	3/4	3,226.34	3/4	3,480.58	3/4	3,734.82	3/4	3,971.79	3/4		3/4		3/4		3/4		3/4	
2	2,977.39	2	3,231.63	2	3,485.88	2	3,740.12	2	3,973.92	2		2		2		2		2	
1/4	2,982.69	1/4	3,236.93	1/4	3,491.17	1/4	3,745.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,987.99	1/2	3,242.23	1/2	3,496.47	1/2	3,750.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,993.28	3/4	3,247.52	3/4	3,501.77	3/4	3,756.01	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,998.58	3	3,252.82	3	3,507.06	3	3,761.30	3		3		3		3		3		3	
1/4	3,003.88	1/4	3,258.12	1/4	3,512.36	1/4	3,766.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,009.17	1/2	3,263.41	1/2	3,517.66	1/2	3,771.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,014.47	3/4	3,268.71	3/4	3,522.95	3/4	3,777.19	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,019.77	4	3,274.01	4	3,528.25	4	3,782.49	4		4		4		4		4		4	
1/4	3,025.06	1/4	3,279.30	1/4	3,533.55	1/4	3,787.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,030.36	1/2	3,284.60	1/2	3,538.84	1/2	3,793.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,035.66	3/4	3,289.90	3/4	3,544.14	3/4	3,798.38	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,040.95	5	3,295.20	5	3,549.44	5	3,803.68	5		5		5		5		5		5	
1/4	3,046.25	1/4	3,300.49	1/4	3,554.73	1/4	3,808.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,051.55	1/2	3,305.79	1/2	3,560.03	1/2	3,814.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,056.84	3/4	3,311.09	3/4	3,565.33	3/4	3,819.57	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,062.14	6	3,316.38	6	3,570.62	6	3,824.87	6		6		6		6		6		6	
1/4	3,067.44	1/4	3,321.68	1/4	3,575.92	1/4	3,830.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,072.73	1/2	3,326.98	1/2	3,581.22	1/2	3,835.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,078.03	3/4	3,332.27	3/4	3,586.51	3/4	3,840.76	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,083.33	7	3,337.57	7	3,591.81	7	3,846.05	7		7		7		7		7		7	
1/4	3,088.62	1/4	3,342.87	1/4	3,597.11	1/4	3,851.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,093.92	1/2	3,348.16	1/2	3,602.40	1/2	3,856.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,099.22	3/4	3,353.46	3/4	3,607.70	3/4	3,861.94	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,104.51	8	3,358.76	8	3,613.00	8	3,867.24	8		8		8		8		8		8	
1/4	3,109.81	1/4	3,364.05	1/4	3,618.29	1/4	3,872.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,115.11	1/2	3,369.35	1/2	3,623.59	1/2	3,877.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,120.40	3/4	3,374.65	3/4	3,628.89	3/4	3,883.12	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,125.70	9	3,379.94	9	3,634.18	9	3,888.42	9		9		9		9		9		9	
1/4	3,131.00	1/4	3,385.24	1/4	3,639.48	1/4	3,893.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,136.29	1/2	3,390.54	1/2	3,644.78	1/2	3,899.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,141.59	3/4	3,395.83	3/4	3,650.07	3/4	3,904.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,146.89	10	3,401.13	10	3,655.37	10	3,909.59	10		10		10		10		10		10	
1/4	3,152.18	1/4	3,406.43	1/4	3,660.67	1/4	3,914.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,157.48	1/2	3,411.72	1/2	3,665.96	1/2	3,920.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,162.78	3/4	3,417.02	3/4	3,671.26	3/4	3,925.41	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,168.07	11	3,422.32	11	3,676.56	11	3,930.68	11		11		11		11		11		11	
1/4	3,173.37	1/4	3,427.61	1/4	3,681.85	1/4	3,935.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,178.67	1/2	3,432.91	1/2	3,687.15	1/2	3,940.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,183.96	3/4	3,438.21	3/4	3,692.45	3/4	3,945.61	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 1090"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.46	0	241.11	0	504.51	0	764.01	0	1,025.34	0	1,288.75	0	1,552.16	0	1,815.58	0	2,078.99	0	2,342.41
1/4	4.28	1/4	246.59	1/4	510.00	1/4	769.35	1/4	1,030.82	1/4	1,294.24	1/4	1,557.65	1/4	1,821.07	1/4	2,084.48	1/4	2,347.89
1/2	6.11	1/2	252.08	1/2	515.49	1/2	774.69	1/2	1,036.31	1/2	1,299.73	1/2	1,563.14	1/2	1,826.55	1/2	2,089.97	1/2	2,353.38
3/4	7.94	3/4	257.57	3/4	520.97	3/4	780.02	3/4	1,041.80	3/4	1,305.21	3/4	1,568.63	3/4	1,832.04	3/4	2,095.46	3/4	2,358.87
1	9.77	1	263.06	1	526.46	1	785.36	1	1,047.29	1	1,310.70	1	1,574.12	1	1,837.53	1	2,100.94	1	2,364.36
1/4	13.43	1/4	268.54	1/4	531.95	1/4	790.70	1/4	1,052.77	1/4	1,316.19	1/4	1,579.60	1/4	1,843.02	1/4	2,106.43	1/4	2,369.85
1/2	17.08	1/2	274.03	1/2	537.44	1/2	796.04	1/2	1,058.26	1/2	1,321.68	1/2	1,585.09	1/2	1,848.51	1/2	2,111.92	1/2	2,375.33
3/4	20.73	3/4	279.52	3/4	542.92	3/4	801.38	3/4	1,063.75	3/4	1,327.16	3/4	1,590.58	3/4	1,853.99	3/4	2,117.41	3/4	2,380.82
2	24.39	2	285.01	2	548.41	2	806.72	2	1,069.24	2	1,332.65	2	1,596.07	2	1,859.48	2	2,122.90	2	2,386.31
1/4	29.36	1/4	290.49	1/4	553.90	1/4	812.05	1/4	1,074.73	1/4	1,338.14	1/4	1,601.55	1/4	1,864.97	1/4	2,128.38	1/4	2,391.80
1/2	34.33	1/2	295.98	1/2	559.39	1/2	817.39	1/2	1,080.21	1/2	1,343.63	1/2	1,607.04	1/2	1,870.46	1/2	2,133.87	1/2	2,397.29
3/4	39.30	3/4	301.47	3/4	564.87	3/4	822.73	3/4	1,085.70	3/4	1,349.12	3/4	1,612.53	3/4	1,875.94	3/4	2,139.36	3/4	2,402.77
3	44.27	3	306.96	3	570.36	3	828.07	3	1,091.19	3	1,354.60	3	1,618.02	3	1,881.43	3	2,144.85	3	2,408.26
1/4	49.67	1/4	312.44	1/4	575.85	1/4	833.49	1/4	1,096.68	1/4	1,360.09	1/4	1,623.51	1/4	1,886.92	1/4	2,150.33	1/4	2,413.75
1/2	55.07	1/2	317.93	1/2	581.34	1/2	838.90	1/2	1,102.16	1/2	1,365.58	1/2	1,628.99	1/2	1,892.41	1/2	2,155.82	1/2	2,419.24
3/4	60.46	3/4	323.42	3/4	586.82	3/4	844.31	3/4	1,107.65	3/4	1,371.07	3/4	1,634.48	3/4	1,897.90	3/4	2,161.31	3/4	2,424.72
4	65.86	4	328.91	4	592.31	4	849.73	4	1,113.14	4	1,376.55	4	1,639.97	4	1,903.38	4	2,166.80	4	2,430.21
1/4	71.30	1/4	334.39	1/4	597.80	1/4	855.21	1/4	1,118.63	1/4	1,382.04	1/4	1,645.46	1/4	1,908.87	1/4	2,172.29	1/4	2,435.70
1/2	76.74	1/2	339.88	1/2	603.29	1/2	860.70	1/2	1,124.12	1/2	1,387.53	1/2	1,650.94	1/2	1,914.36	1/2	2,177.77	1/2	2,441.19
3/4	82.18	3/4	345.37	3/4	608.77	3/4	866.19	3/4	1,129.60	3/4	1,393.02	3/4	1,656.43	3/4	1,919.85	3/4	2,183.26	3/4	2,446.68
5	87.62	5	350.86	5	614.26	5	871.68	5	1,135.09	5	1,398.51	5	1,661.92	5	1,925.33	5	2,188.75	5	2,452.16
1/4	93.08	1/4	356.34	1/4	619.67	1/4	877.16	1/4	1,140.58	1/4	1,403.99	1/4	1,667.41	1/4	1,930.82	1/4	2,194.24	1/4	2,457.65
1/2	98.54	1/2	361.83	1/2	625.09	1/2	882.65	1/2	1,146.07	1/2	1,409.48	1/2	1,672.90	1/2	1,936.31	1/2	2,199.72	1/2	2,463.14
3/4	104.00	3/4	367.32	3/4	630.50	3/4	888.14	3/4	1,151.55	3/4	1,414.97	3/4	1,678.38	3/4	1,941.80	3/4	2,205.21	3/4	2,468.63
6	109.47	6	372.81	6	635.91	6	893.63	6	1,157.04	6	1,420.46	6	1,683.87	6	1,947.29	6	2,210.70	6	2,474.11
1/4	114.94	1/4	378.30	1/4	641.25	1/4	899.12	1/4	1,162.53	1/4	1,425.94	1/4	1,689.36	1/4	1,952.77	1/4	2,216.19	1/4	2,479.60
1/2	120.42	1/2	383.78	1/2	646.59	1/2	904.60	1/2	1,168.02	1/2	1,431.43	1/2	1,694.85	1/2	1,958.26	1/2	2,221.68	1/2	2,485.09
3/4	125.89	3/4	389.27	3/4	651.92	3/4	910.09	3/4	1,173.51	3/4	1,436.92	3/4	1,700.33	3/4	1,963.75	3/4	2,227.16	3/4	2,490.58
7	131.37	7	394.76	7	657.26	7	915.58	7	1,178.99	7	1,442.41	7	1,705.82	7	1,969.24	7	2,232.65	7	2,496.07
1/4	136.86	1/4	400.25	1/4	662.60	1/4	921.07	1/4	1,184.48	1/4	1,447.90	1/4	1,711.31	1/4	1,974.72	1/4	2,238.14	1/4	2,501.55
1/2	142.34	1/2	405.73	1/2	667.94	1/2	926.55	1/2	1,189.97	1/2	1,453.38	1/2	1,716.80	1/2	1,980.21	1/2	2,243.63	1/2	2,507.04
3/4	147.82	3/4	411.22	3/4	673.27	3/4	932.04	3/4	1,195.46	3/4	1,458.87	3/4	1,722.29	3/4	1,985.70	3/4	2,249.11	3/4	2,512.53
8	153.31	8	416.71	8	678.61	8	937.53	8	1,200.94	8	1,464.36	8	1,727.77	8	1,991.19	8	2,254.60	8	2,518.02
1/4	158.79	1/4	422.20	1/4	683.95	1/4	943.02	1/4	1,206.43	1/4	1,469.85	1/4	1,733.26	1/4	1,996.68	1/4	2,260.09	1/4	2,523.50
1/2	164.28	1/2	427.68	1/2	689.29	1/2	948.51	1/2	1,211.92	1/2	1,475.33	1/2	1,738.75	1/2	2,002.16	1/2	2,265.58	1/2	2,528.99
3/4	169.77	3/4	433.17	3/4	694.62	3/4	953.99	3/4	1,217.41	3/4	1,480.82	3/4	1,744.24	3/4	2,007.65	3/4	2,271.07	3/4	2,534.48
9	175.25	9	438.66	9	699.96	9	959.48	9	1,222.90	9	1,486.31	9	1,749.72	9	2,013.14	9	2,276.55	9	2,539.97
1/4	180.74	1/4	444.15	1/4	705.30	1/4	964.97	1/4	1,228.38	1/4	1,491.80	1/4	1,755.21	1/4	2,018.63	1/4	2,282.04	1/4	2,545.46
1/2	186.23	1/2	449.63	1/2	710.64	1/2	970.46	1/2	1,233.87	1/2	1,497.29	1/2	1,760.70	1/2	2,024.11	1/2	2,287.53	1/2	2,550.94
3/4	191.72	3/4	455.12	3/4	715.97	3/4	975.94	3/4	1,239.36	3/4	1,502.77	3/4	1,766.19	3/4	2,029.60	3/4	2,293.02	3/4	2,556.43
10	197.20	10	460.61	10	721.31	10	981.43	10	1,244.85	10	1,508.26	10	1,771.68	10	2,035.09	10	2,298.50	10	2,561.92
1/4	202.69	1/4	466.10	1/4	726.65	1/4	986.92	1/4	1,250.33	1/4	1,513.75	1/4	1,777.16	1/4	2,040.58	1/4	2,303.99	1/4	2,567.41
1/2	208.18	1/2	471.58	1/2	731.99	1/2	992.41	1/2	1,255.82	1/2	1,519.24	1/2	1,782.65	1/2	2,046.07	1/2	2,309.48	1/2	2,572.89
3/4	213.67	3/4	477.07	3/4	737.32	3/4	997.90	3/4	1,261.31	3/4	1,524.72	3/4	1,788.14	3/4	2,051.55	3/4	2,314.97	3/4	2,578.38
11	219.15	11	482.56	11	742.66	11	1,003.38	11	1,266.80	11	1,530.21	11	1,793.63	11	2,057.04	11	2,320.46	11	2,583.87
1/4	224.64	1/4	488.05	1/4	748.00	1/4	1,008.87	1/4	1,272.29	1/4	1,535.70	1/4	1,799.11	1/4	2,062.53	1/4	2,325.94	1/4	2,589.36
1/2	230.13	1/2	493.53	1/2	753.34	1/2	1,014.36	1/2	1,277.77	1/2	1,541.19	1/2	1,804.60	1/2	2,068.02	1/2	2,331.43	1/2	2,594.85
3/4	235.62	3/4	499.02	3/4	758.67	3/4	1,019.85	3/4	1,283.26	3/4	1,546.68	3/4	1,810.09	3/4	2,073.50	3/4	2,336.92	3/4	2,600.33

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 1090"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,605.82	0	2,869.24	0	3,132.65	0	3,396.06	0	3,658.25	0		0		0		0		0	
1/4	2,611.31	1/4	2,874.72	1/4	3,138.14	1/4	3,401.55	1/4	3,662.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,616.80	1/2	2,880.21	1/2	3,143.63	1/2	3,407.04	1/2	3,666.40	1/2		1/2		1/2		1/2		1/2	
3/4	2,622.28	3/4	2,885.70	3/4	3,149.11	3/4	3,412.53	3/4	3,670.48	3/4		3/4		3/4		3/4		3/4	
1	2,627.77	1	2,891.19	1	3,154.60	1	3,418.02	1	3,674.56	1		1		1		1		1	
1/4	2,633.26	1/4	2,896.67	1/4	3,160.09	1/4	3,423.50	1/4	3,676.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,638.75	1/2	2,902.16	1/2	3,165.58	1/2	3,428.99	1/2	3,679.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,644.24	3/4	2,907.65	3/4	3,171.06	3/4	3,434.48	3/4	3,681.42	3/4		3/4		3/4		3/4		3/4	
2	2,649.72	2	2,913.14	2	3,176.55	2	3,439.97	2	3,683.71	2		2		2		2		2	
1/4	2,655.21	1/4	2,918.63	1/4	3,182.04	1/4	3,445.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,660.70	1/2	2,924.11	1/2	3,187.53	1/2	3,450.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,666.19	3/4	2,929.60	3/4	3,193.02	3/4	3,456.43	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,671.68	3	2,935.09	3	3,198.50	3	3,461.92	3		3		3		3		3		3	
1/4	2,677.16	1/4	2,940.58	1/4	3,203.99	1/4	3,467.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,682.65	1/2	2,946.07	1/2	3,209.48	1/2	3,472.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,688.14	3/4	2,951.55	3/4	3,214.97	3/4	3,478.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,693.63	4	2,957.04	4	3,220.46	4	3,483.87	4		4		4		4		4		4	
1/4	2,699.11	1/4	2,962.53	1/4	3,225.94	1/4	3,489.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,704.60	1/2	2,968.02	1/2	3,231.43	1/2	3,494.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,710.09	3/4	2,973.50	3/4	3,236.92	3/4	3,500.33	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,715.58	5	2,978.99	5	3,242.41	5	3,505.82	5		5		5		5		5		5	
1/4	2,721.07	1/4	2,984.48	1/4	3,247.89	1/4	3,511.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,726.55	1/2	2,989.97	1/2	3,253.38	1/2	3,516.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,732.04	3/4	2,995.46	3/4	3,258.87	3/4	3,522.28	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,737.53	6	3,000.94	6	3,264.36	6	3,527.77	6		6		6		6		6		6	
1/4	2,743.02	1/4	3,006.43	1/4	3,269.85	1/4	3,533.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,748.50	1/2	3,011.92	1/2	3,275.33	1/2	3,538.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,753.99	3/4	3,017.41	3/4	3,280.82	3/4	3,544.24	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,759.48	7	3,022.89	7	3,286.31	7	3,549.72	7		7		7		7		7		7	
1/4	2,764.97	1/4	3,028.38	1/4	3,291.80	1/4	3,555.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,770.46	1/2	3,033.87	1/2	3,297.28	1/2	3,560.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,775.94	3/4	3,039.36	3/4	3,302.77	3/4	3,566.19	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,781.43	8	3,044.85	8	3,308.26	8	3,571.67	8		8		8		8		8		8	
1/4	2,786.92	1/4	3,050.33	1/4	3,313.75	1/4	3,577.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,792.41	1/2	3,055.82	1/2	3,319.24	1/2	3,582.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,797.89	3/4	3,061.31	3/4	3,324.72	3/4	3,588.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,803.38	9	3,066.80	9	3,330.21	9	3,593.63	9		9		9		9		9		9	
1/4	2,808.87	1/4	3,072.28	1/4	3,335.70	1/4	3,599.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,814.36	1/2	3,077.77	1/2	3,341.19	1/2	3,604.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.85	3/4	3,083.26	3/4	3,346.67	3/4	3,610.08	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,825.33	10	3,088.75	10	3,352.16	10	3,615.56	10		10		10		10		10		10	
1/4	2,830.82	1/4	3,094.24	1/4	3,357.65	1/4	3,621.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,836.31	1/2	3,099.72	1/2	3,363.14	1/2	3,626.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,841.80	3/4	3,105.21	3/4	3,368.63	3/4	3,631.96	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,847.28	11	3,110.70	11	3,374.11	11	3,637.43	11		11		11		11		11		11	
1/4	2,852.77	1/4	3,116.19	1/4	3,379.60	1/4	3,642.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,858.26	1/2	3,121.67	1/2	3,385.09	1/2	3,647.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,863.75	3/4	3,127.16	3/4	3,390.58	3/4	3,653.04	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 1090"

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	239.29	0	500.70	0	761.83	0	1,023.11	0	1,284.53	0	1,545.96	0	1,807.38	0	2,068.80	0	2,330.22
1/4	4.26	1/4	244.73	1/4	506.15	1/4	767.27	1/4	1,028.56	1/4	1,289.98	1/4	1,551.40	1/4	1,812.83	1/4	2,074.25	1/4	2,335.67
1/2	6.07	1/2	250.18	1/2	511.59	1/2	772.70	1/2	1,034.01	1/2	1,295.43	1/2	1,556.85	1/2	1,818.27	1/2	2,079.69	1/2	2,341.12
3/4	7.89	3/4	255.62	3/4	517.04	3/4	778.14	3/4	1,039.45	3/4	1,300.87	3/4	1,562.30	3/4	1,823.72	3/4	2,085.14	3/4	2,346.56
1	9.70	1	261.07	1	522.48	1	783.57	1	1,044.90	1	1,306.32	1	1,567.74	1	1,829.16	1	2,090.59	1	2,352.01
1/4	13.33	1/4	266.52	1/4	527.93	1/4	789.01	1/4	1,050.34	1/4	1,311.77	1/4	1,573.19	1/4	1,834.61	1/4	2,096.03	1/4	2,357.46
1/2	16.96	1/2	271.96	1/2	533.38	1/2	794.44	1/2	1,055.79	1/2	1,317.21	1/2	1,578.64	1/2	1,840.06	1/2	2,101.48	1/2	2,362.90
3/4	20.58	3/4	277.41	3/4	538.82	3/4	799.88	3/4	1,061.24	3/4	1,322.66	3/4	1,584.08	3/4	1,845.50	3/4	2,106.93	3/4	2,368.35
2	24.21	2	282.85	2	544.27	2	805.32	2	1,066.68	2	1,328.11	2	1,589.53	2	1,850.95	2	2,112.37	2	2,373.79
1/4	29.14	1/4	288.30	1/4	549.71	1/4	810.75	1/4	1,072.13	1/4	1,333.55	1/4	1,594.97	1/4	1,856.40	1/4	2,117.82	1/4	2,379.24
1/2	34.07	1/2	293.75	1/2	555.16	1/2	816.19	1/2	1,077.58	1/2	1,339.00	1/2	1,600.42	1/2	1,861.84	1/2	2,123.27	1/2	2,384.69
3/4	39.01	3/4	299.19	3/4	560.61	3/4	821.63	3/4	1,083.02	3/4	1,344.44	3/4	1,605.87	3/4	1,867.29	3/4	2,128.71	3/4	2,390.13
3	43.94	3	304.64	3	566.05	3	827.06	3	1,088.47	3	1,349.89	3	1,611.31	3	1,872.74	3	2,134.16	3	2,395.58
1/4	49.30	1/4	310.09	1/4	571.50	1/4	832.51	1/4	1,093.91	1/4	1,355.34	1/4	1,616.76	1/4	1,878.18	1/4	2,139.60	1/4	2,401.03
1/2	54.65	1/2	315.53	1/2	576.94	1/2	837.95	1/2	1,099.36	1/2	1,360.78	1/2	1,622.21	1/2	1,883.63	1/2	2,145.05	1/2	2,406.47
3/4	60.01	3/4	320.98	3/4	582.39	3/4	843.39	3/4	1,104.81	3/4	1,366.23	3/4	1,627.65	3/4	1,889.07	3/4	2,150.50	3/4	2,411.92
4	65.37	4	326.42	4	587.84	4	848.83	4	1,110.25	4	1,371.68	4	1,633.10	4	1,894.52	4	2,155.94	4	2,417.37
1/4	70.77	1/4	331.87	1/4	593.28	1/4	854.28	1/4	1,115.70	1/4	1,377.12	1/4	1,638.54	1/4	1,899.97	1/4	2,161.39	1/4	2,422.81
1/2	76.17	1/2	337.32	1/2	598.73	1/2	859.72	1/2	1,121.15	1/2	1,382.57	1/2	1,643.99	1/2	1,905.41	1/2	2,166.84	1/2	2,428.26
3/4	81.56	3/4	342.76	3/4	604.17	3/4	865.17	3/4	1,126.59	3/4	1,388.01	3/4	1,649.44	3/4	1,910.86	3/4	2,172.28	3/4	2,433.70
5	86.96	5	348.21	5	609.62	5	870.62	5	1,132.04	5	1,393.46	5	1,654.88	5	1,916.31	5	2,177.73	5	2,439.15
1/4	92.38	1/4	353.65	1/4	615.06	1/4	876.06	1/4	1,137.48	1/4	1,398.91	1/4	1,660.33	1/4	1,921.75	1/4	2,183.17	1/4	2,444.60
1/2	97.80	1/2	359.10	1/2	620.50	1/2	881.51	1/2	1,142.93	1/2	1,404.35	1/2	1,665.78	1/2	1,927.20	1/2	2,188.62	1/2	2,450.04
3/4	103.22	3/4	364.55	3/4	625.94	3/4	886.95	3/4	1,148.38	3/4	1,409.80	3/4	1,671.22	3/4	1,932.64	3/4	2,194.07	3/4	2,455.49
6	108.64	6	369.99	6	631.38	6	892.40	6	1,153.82	6	1,415.25	6	1,676.67	6	1,938.09	6	2,199.51	6	2,460.94
1/4	114.08	1/4	375.44	1/4	636.82	1/4	897.85	1/4	1,159.27	1/4	1,420.69	1/4	1,682.11	1/4	1,943.54	1/4	2,204.96	1/4	2,466.38
1/2	119.51	1/2	380.88	1/2	642.25	1/2	903.29	1/2	1,164.72	1/2	1,426.14	1/2	1,687.56	1/2	1,948.98	1/2	2,210.41	1/2	2,471.83
3/4	124.95	3/4	386.33	3/4	647.69	3/4	908.74	3/4	1,170.16	3/4	1,431.59	3/4	1,693.01	3/4	1,954.43	3/4	2,215.85	3/4	2,477.27
7	130.38	7	391.78	7	653.12	7	914.19	7	1,175.61	7	1,437.03	7	1,698.45	7	1,959.88	7	2,221.30	7	2,482.72
1/4	135.82	1/4	397.22	1/4	658.56	1/4	919.63	1/4	1,181.06	1/4	1,442.48	1/4	1,703.90	1/4	1,965.32	1/4	2,226.74	1/4	2,488.17
1/2	141.27	1/2	402.67	1/2	663.99	1/2	925.08	1/2	1,186.50	1/2	1,447.92	1/2	1,709.35	1/2	1,970.77	1/2	2,232.19	1/2	2,493.61
3/4	146.71	3/4	408.12	3/4	669.43	3/4	930.53	3/4	1,191.95	3/4	1,453.37	3/4	1,714.79	3/4	1,976.22	3/4	2,237.64	3/4	2,499.06
8	152.15	8	413.56	8	674.86	8	935.97	8	1,197.39	8	1,458.82	8	1,720.24	8	1,981.66	8	2,243.08	8	2,504.51
1/4	157.60	1/4	419.01	1/4	680.30	1/4	941.42	1/4	1,202.84	1/4	1,464.26	1/4	1,725.69	1/4	1,987.11	1/4	2,248.53	1/4	2,509.95
1/2	163.04	1/2	424.45	1/2	685.73	1/2	946.86	1/2	1,208.29	1/2	1,469.71	1/2	1,731.13	1/2	1,992.55	1/2	2,253.98	1/2	2,515.40
3/4	168.49	3/4	429.90	3/4	691.17	3/4	952.31	3/4	1,213.73	3/4	1,475.16	3/4	1,736.58	3/4	1,998.00	3/4	2,259.42	3/4	2,520.85
9	173.93	9	435.35	9	696.60	9	957.76	9	1,219.18	9	1,480.60	9	1,742.02	9	2,003.45	9	2,264.87	9	2,526.29
1/4	179.38	1/4	440.79	1/4	702.04	1/4	963.20	1/4	1,224.63	1/4	1,486.05	1/4	1,747.47	1/4	2,008.89	1/4	2,270.32	1/4	2,531.74
1/2	184.83	1/2	446.24	1/2	707.48	1/2	968.65	1/2	1,230.07	1/2	1,491.49	1/2	1,752.92	1/2	2,014.34	1/2	2,275.76	1/2	2,537.18
3/4	190.27	3/4	451.68	3/4	712.91	3/4	974.10	3/4	1,235.52	3/4	1,496.94	3/4	1,758.36	3/4	2,019.79	3/4	2,281.21	3/4	2,542.63
10	195.72	10	457.13	10	718.35	10	979.54	10	1,240.96	10	1,502.39	10	1,763.81	10	2,025.23	10	2,286.65	10	2,548.08
1/4	201.16	1/4	462.58	1/4	723.78	1/4	984.99	1/4	1,246.41	1/4	1,507.83	1/4	1,769.26	1/4	2,030.68	1/4	2,292.10	1/4	2,553.52
1/2	206.61	1/2	468.02	1/2	729.22	1/2	990.43	1/2	1,251.86	1/2	1,513.28	1/2	1,774.70	1/2	2,036.12	1/2	2,297.55	1/2	2,558.97
3/4	212.06	3/4	473.47	3/4	734.65	3/4	995.88	3/4	1,257.30	3/4	1,518.73	3/4	1,780.15	3/4	2,041.57	3/4	2,302.99	3/4	2,564.42
11	217.50	11	478.91	11	740.09	11	1,001.33	11	1,262.75	11	1,524.17	11	1,785.59	11	2,047.02	11	2,308.44	11	2,569.86
1/4	222.95	1/4	484.36	1/4	745.52	1/4	1,006.77	1/4	1,268.20	1/4	1,529.62	1/4	1,791.04	1/4	2,052.46	1/4	2,313.89	1/4	2,575.31
1/2	228.39	1/2	489.81	1/2	750.96	1/2	1,012.22	1/2	1,273.64	1/2	1,535.06	1/2	1,796.49	1/2	2,057.91	1/2	2,319.33	1/2	2,580.75
3/4	233.84	3/4	495.25	3/4	756.39	3/4	1,017.67	3/4	1,279.09	3/4	1,540.51	3/4	1,801.93	3/4	2,063.36	3/4	2,324.78	3/4	2,586.20

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 1090"

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	2,591.65	0	2,853.07	0	3,114.49	0	3,375.91	0	3,636.10	0		0		0		0		0	
1/4	2,597.09	1/4	2,858.52	1/4	3,119.94	1/4	3,381.36	1/4	3,640.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,602.54	1/2	2,863.96	1/2	3,125.38	1/2	3,386.81	1/2	3,644.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,607.99	3/4	2,869.41	3/4	3,130.83	3/4	3,392.25	3/4	3,648.24	3/4		3/4		3/4		3/4		3/4	
1	2,613.43	1	2,874.85	1	3,136.28	1	3,397.70	1	3,652.28	1		1		1		1		1	
1/4	2,618.88	1/4	2,880.30	1/4	3,141.72	1/4	3,403.15	1/4	3,654.55	1/4		1/4		1/4		1/4		1/4	
1/2	2,624.32	1/2	2,885.75	1/2	3,147.17	1/2	3,408.59	1/2	3,656.82	1/2		1/2		1/2		1/2		1/2	
3/4	2,629.77	3/4	2,891.19	3/4	3,152.62	3/4	3,414.04	3/4	3,659.09	3/4		3/4		3/4		3/4		3/4	
2	2,635.22	2	2,896.64	2	3,158.06	2	3,419.48	2	3,661.36	2		2		2		2		2	
1/4	2,640.66	1/4	2,902.09	1/4	3,163.51	1/4	3,424.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,646.11	1/2	2,907.53	1/2	3,168.95	1/2	3,430.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,651.56	3/4	2,912.98	3/4	3,174.40	3/4	3,435.82	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,657.00	3	2,918.42	3	3,179.85	3	3,441.27	3		3		3		3		3		3	
1/4	2,662.45	1/4	2,923.87	1/4	3,185.29	1/4	3,446.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,667.90	1/2	2,929.32	1/2	3,190.74	1/2	3,452.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,673.34	3/4	2,934.76	3/4	3,196.19	3/4	3,457.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,678.79	4	2,940.21	4	3,201.63	4	3,463.05	4		4		4		4		4		4	
1/4	2,684.23	1/4	2,945.66	1/4	3,207.08	1/4	3,468.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,689.68	1/2	2,951.10	1/2	3,212.53	1/2	3,473.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,695.13	3/4	2,956.55	3/4	3,217.97	3/4	3,479.39	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,700.57	5	2,962.00	5	3,223.42	5	3,484.84	5		5		5		5		5		5	
1/4	2,706.02	1/4	2,967.44	1/4	3,228.86	1/4	3,490.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,711.47	1/2	2,972.89	1/2	3,234.31	1/2	3,495.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,716.91	3/4	2,978.33	3/4	3,239.76	3/4	3,501.18	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,722.36	6	2,983.78	6	3,245.20	6	3,506.63	6		6		6		6		6		6	
1/4	2,727.80	1/4	2,989.23	1/4	3,250.65	1/4	3,512.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,733.25	1/2	2,994.67	1/2	3,256.10	1/2	3,517.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,738.70	3/4	3,000.12	3/4	3,261.54	3/4	3,522.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,744.14	7	3,005.57	7	3,266.99	7	3,528.41	7		7		7		7		7		7	
1/4	2,749.59	1/4	3,011.01	1/4	3,272.43	1/4	3,533.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,755.04	1/2	3,016.46	1/2	3,277.88	1/2	3,539.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,760.48	3/4	3,021.90	3/4	3,283.33	3/4	3,544.75	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,765.93	8	3,027.35	8	3,288.77	8	3,550.20	8		8		8		8		8		8	
1/4	2,771.37	1/4	3,032.80	1/4	3,294.22	1/4	3,555.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,776.82	1/2	3,038.24	1/2	3,299.67	1/2	3,561.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,782.27	3/4	3,043.69	3/4	3,305.11	3/4	3,566.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,787.71	9	3,049.14	9	3,310.56	9	3,571.96	9		9		9		9		9		9	
1/4	2,793.16	1/4	3,054.58	1/4	3,316.00	1/4	3,577.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,798.61	1/2	3,060.03	1/2	3,321.45	1/2	3,582.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,804.05	3/4	3,065.48	3/4	3,326.90	3/4	3,588.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,809.50	10	3,070.92	10	3,332.34	10	3,593.73	10		10		10		10		10		10	
1/4	2,814.95	1/4	3,076.37	1/4	3,337.79	1/4	3,599.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,820.39	1/2	3,081.81	1/2	3,343.24	1/2	3,604.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,825.84	3/4	3,087.26	3/4	3,348.68	3/4	3,610.01	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,831.28	11	3,092.71	11	3,354.13	11	3,615.43	11		11		11		11		11		11	
1/4	2,836.73	1/4	3,098.15	1/4	3,359.58	1/4	3,620.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,842.18	1/2	3,103.60	1/2	3,365.02	1/2	3,625.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,847.62	3/4	3,109.05	3/4	3,370.47	3/4	3,630.93	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>