

BARGE "IB 1981"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 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

(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 4.00 1/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

October 5, 2017

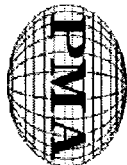
PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "IB 1981"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.63	0	242.59	0	528.72	0	811.03	0	1,094.51	0	1,380.48	0	1,666.03	0	1,952.15	0	2,238.26	0	2,524.36
1/4	1.63	1/4	248.55	1/4	534.64	1/4	816.83	1/4	1,100.47	1/4	1,386.43	1/4	1,671.99	1/4	1,958.11	1/4	2,244.22	1/4	2,530.32
1/2	2.62	1/2	254.51	1/2	540.64	1/2	822.64	1/2	1,106.43	1/2	1,392.38	1/2	1,677.92	1/2	1,964.07	1/2	2,250.18	1/2	2,536.28
3/4	3.62	3/4	260.48	3/4	546.61	3/4	828.44	3/4	1,112.39	3/4	1,398.32	3/4	1,683.91	3/4	1,970.03	3/4	2,256.14	3/4	2,542.24
1	4.61	1	266.44	1	552.57	1	834.24	1	1,118.35	1	1,404.27	1	1,689.87	1	1,975.99	1	2,262.01	1	2,548.20
1 1/4	6.81	1 1/4	272.40	1 1/4	558.53	1 1/4	840.04	1 1/4	1,124.30	1 1/4	1,410.22	1 1/4	1,695.83	1 1/4	1,981.95	1 1/4	2,268.06	1 1/4	2,554.16
1 1/2	9.00	1 1/2	278.36	1 1/2	564.49	1 1/2	846.84	1 1/2	1,130.26	1 1/2	1,416.16	1 1/2	1,701.80	1 1/2	1,987.91	1 1/2	2,274.02	1 1/2	2,560.13
1 3/4	11.19	1 3/4	284.32	1 3/4	570.45	1 3/4	851.65	1 3/4	1,136.22	1 3/4	1,422.11	1 3/4	1,707.76	1 3/4	1,993.87	1 3/4	2,279.98	1 3/4	2,566.09
2	13.38	2	290.28	2	576.41	2	857.45	2	1,142.18	2	1,428.06	2	1,713.72	2	1,999.84	2	2,285.94	2	2,572.05
1/4	17.30	1/4	296.24	1/4	582.37	1/4	863.25	1/4	1,148.13	1/4	1,434.00	1/4	1,719.68	1/4	2,005.80	1/4	2,291.90	1/4	2,578.01
1/2	21.22	1/2	302.20	1/2	588.33	1/2	869.05	1/2	1,154.09	1/2	1,439.95	1/2	1,725.64	1/2	2,011.76	1/2	2,297.86	1/2	2,583.97
3/4	25.13	3/4	308.17	3/4	594.29	3/4	874.86	3/4	1,160.05	3/4	1,445.90	3/4	1,731.60	3/4	2,017.72	3/4	2,303.82	3/4	2,589.93
3	29.05	3	314.13	3	600.25	3	880.66	3	1,166.01	3	1,451.84	3	1,737.56	3	2,023.68	3	2,309.78	3	2,595.89
1/4	34.71	1/4	320.09	1/4	606.22	1/4	886.46	1/4	1,171.96	1/4	1,457.79	1/4	1,743.52	1/4	2,029.64	1/4	2,315.74	1/4	2,601.85
1/2	40.36	1/2	326.05	1/2	612.18	1/2	892.26	1/2	1,177.92	1/2	1,463.74	1/2	1,749.48	1/2	2,035.60	1/2	2,321.70	1/2	2,607.81
3/4	46.02	3/4	332.01	3/4	618.14	3/4	898.07	3/4	1,183.88	3/4	1,469.68	3/4	1,755.44	3/4	2,041.56	3/4	2,327.66	3/4	2,613.77
4	51.68	4	337.97	4	624.10	4	903.87	4	1,189.84	4	1,475.63	4	1,761.40	4	2,047.52	4	2,333.62	4	2,619.73
1/4	57.63	1/4	343.93	1/4	630.06	1/4	909.83	1/4	1,195.80	1/4	1,481.57	1/4	1,767.36	1/4	2,053.48	1/4	2,339.58	1/4	2,625.69
1/2	63.59	1/2	349.89	1/2	636.02	1/2	915.78	1/2	1,201.75	1/2	1,487.52	1/2	1,773.33	1/2	2,059.44	1/2	2,345.54	1/2	2,631.65
3/4	69.55	3/4	355.85	3/4	641.98	3/4	921.74	3/4	1,207.71	3/4	1,493.47	3/4	1,779.29	3/4	2,065.40	3/4	2,351.50	3/4	2,637.62
5	75.51	5	361.81	5	647.94	5	927.70	5	1,213.67	5	1,499.36	5	1,785.25	5	2,071.37	5	2,357.46	5	2,643.58
1/4	81.48	1/4	367.74	1/4	653.90	1/4	933.66	1/4	1,219.63	1/4	1,505.31	1/4	1,791.21	1/4	2,077.33	1/4	2,363.42	1/4	2,649.54
1/2	87.45	1/2	373.74	1/2	659.86	1/2	939.61	1/2	1,225.59	1/2	1,511.31	1/2	1,797.17	1/2	2,083.29	1/2	2,369.38	1/2	2,655.50
3/4	93.42	3/4	379.70	3/4	665.83	3/4	945.57	3/4	1,231.54	3/4	1,517.25	3/4	1,803.13	3/4	2,089.25	3/4	2,375.34	3/4	2,661.46
6	99.39	6	385.66	6	671.79	6	951.53	6	1,237.59	6	1,523.20	6	1,809.09	6	2,095.21	6	2,381.26	6	2,667.42
1/4	105.37	1/4	391.62	1/4	677.59	1/4	957.49	1/4	1,243.46	1/4	1,529.15	1/4	1,815.05	1/4	2,101.17	1/4	2,387.26	1/4	2,673.38
1/2	111.34	1/2	397.58	1/2	683.39	1/2	963.45	1/2	1,249.41	1/2	1,535.09	1/2	1,821.01	1/2	2,107.13	1/2	2,393.22	1/2	2,679.34
3/4	117.31	3/4	403.54	3/4	689.19	3/4	969.39	3/4	1,255.37	3/4	1,541.04	3/4	1,826.97	3/4	2,113.09	3/4	2,399.18	3/4	2,685.30
7	123.28	7	409.50	7	694.99	7	975.36	7	1,261.33	7	1,546.99	7	1,832.93	7	2,119.05	7	2,405.14	7	2,691.26
1/4	129.25	1/4	415.46	1/4	700.80	1/4	981.32	1/4	1,267.29	1/4	1,552.93	1/4	1,838.89	1/4	2,125.01	1/4	2,411.11	1/4	2,697.22
1/2	135.22	1/2	421.42	1/2	706.60	1/2	987.28	1/2	1,273.25	1/2	1,558.88	1/2	1,844.85	1/2	2,130.97	1/2	2,417.07	1/2	2,703.18
3/4	141.19	3/4	427.39	3/4	712.40	3/4	993.23	3/4	1,279.20	3/4	1,564.83	3/4	1,850.82	3/4	2,136.93	3/4	2,423.03	3/4	2,709.15
8	147.16	8	433.35	8	718.20	8	999.19	8	1,285.16	8	1,570.77	8	1,856.78	8	2,142.89	8	2,428.99	8	2,715.11
1/4	153.12	1/4	439.31	1/4	724.00	1/4	1,005.15	1/4	1,291.12	1/4	1,576.72	1/4	1,862.74	1/4	2,148.86	1/4	2,434.95	1/4	2,721.07
1/2	159.08	1/2	445.27	1/2	729.81	1/2	1,011.11	1/2	1,297.08	1/2	1,582.67	1/2	1,868.70	1/2	2,154.82	1/2	2,440.91	1/2	2,727.03
3/4	165.04	3/4	451.23	3/4	735.61	3/4	1,017.10	3/4	1,303.03	3/4	1,588.61	3/4	1,874.66	3/4	2,160.78	3/4	2,446.87	3/4	2,732.99
9	171.01	9	457.19	9	741.41	9	1,023.02	9	1,308.99	9	1,594.56	9	1,880.62	9	2,166.74	9	2,452.83	9	2,738.95
1/4	176.98	1/4	463.15	1/4	747.21	1/4	1,028.98	1/4	1,314.95	1/4	1,600.50	1/4	1,886.58	1/4	2,172.70	1/4	2,458.79	1/4	2,744.91
1/2	182.94	1/2	469.11	1/2	753.01	1/2	1,034.94	1/2	1,320.91	1/2	1,606.45	1/2	1,892.54	1/2	2,178.66	1/2	2,464.75	1/2	2,750.87
3/4	188.91	3/4	475.07	3/4	758.82	3/4	1,040.90	3/4	1,326.87	3/4	1,612.40	3/4	1,898.50	3/4	2,184.62	3/4	2,470.71	3/4	2,756.83
10	194.88	10	481.03	10	764.62	10	1,046.85	10	1,332.82	10	1,618.34	10	1,904.46	10	2,190.58	10	2,476.67	10	2,762.79
1/4	200.85	1/4	487.00	1/4	770.42	1/4	1,052.81	1/4	1,338.78	1/4	1,624.31	1/4	1,910.42	1/4	2,196.54	1/4	2,482.63	1/4	2,768.75
1/2	206.81	1/2	492.96	1/2	776.22	1/2	1,058.77	1/2	1,344.74	1/2	1,630.27	1/2	1,916.38	1/2	2,202.50	1/2	2,488.60	1/2	2,774.71
3/4	212.78	3/4	498.92	3/4	782.02	3/4	1,064.73	3/4	1,350.70	3/4	1,636.23	3/4	1,922.35	3/4	2,208.46	3/4	2,494.55	3/4	2,780.67
11	218.75	11	504.88	11	787.82	11	1,070.68	11	1,356.65	11	1,642.19	11	1,928.31	11	2,214.42	11	2,500.48	11	2,786.64
1/4	224.71	1/4	510.84	1/4	793.63	1/4	1,076.64	1/4	1,362.62	1/4	1,648.15	1/4	1,934.27	1/4	2,220.38	1/4	2,506.42	1/4	2,792.61
1/2	230.67	1/2	516.80	1/2	799.43	1/2	1,082.60	1/2	1,368.57	1/2	1,654.11	1/2	1,940.23	1/2	2,226.34	1/2	2,512.44	1/2	2,798.58
3/4	236.63	3/4	522.76	3/4	805.23	3/4	1,088.56	3/4	1,374.53	3/4	1,660.07	3/4	1,946.19	3/4	2,232.30	3/4	2,518.40	3/4	2,804.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STAPPED AND COMPUTED IN ACCORDANCE WITH NIMS 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 1981"

1 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	2,810.52	0	3,063.43	0	3,248.77	0	3,434.11	0	3,619.25	0	3,804.39	0	3,989.53	0	4,174.67	0	4,359.81	0	4,544.95	0
1/4	2,816.50	1/4	3,067.29	1/4	3,252.63	1/4	3,437.97	1/4	3,623.31	1/4	3,808.65	1/4	3,993.99	1/4	4,179.33	1/4	4,364.67	1/4	4,550.01	1/4
1/2	2,822.47	1/2	3,071.15	1/2	3,256.49	1/2	3,441.83	1/2	3,627.17	1/2	3,812.51	1/2	3,997.85	1/2	4,183.19	1/2	4,368.53	1/2	4,553.87	1/2
3/4	2,828.44	3/4	3,075.01	3/4	3,260.35	3/4	3,445.69	3/4	3,631.03	3/4	3,816.37	3/4	3,999.71	3/4	4,187.05	3/4	4,372.39	3/4	4,557.73	3/4
1	2,834.42	1	3,078.88	1	3,264.21	1	3,449.55	1	3,634.89	1	3,819.23	1	3,999.57	1	4,188.91	1	4,374.25	1	4,559.59	1
1/4	2,840.39	1/4	3,082.74	1/4	3,268.07	1/4	3,453.41	1/4	3,638.75	1/4	3,823.09	1/4	3,999.43	1/4	4,189.77	1/4	4,375.11	1/4	4,560.45	1/4
1/2	2,846.36	1/2	3,086.60	1/2	3,271.94	1/2	3,457.27	1/2	3,635.11	1/2	3,819.45	1/2	3,999.79	1/2	4,190.61	1/2	4,375.95	1/2	4,561.29	1/2
3/4	2,852.33	3/4	3,090.46	3/4	3,275.80	3/4	3,461.13	3/4	3,636.47	3/4	3,820.81	3/4	3,999.85	3/4	4,191.49	3/4	4,376.79	3/4	4,562.13	3/4
2	2,858.31	2	3,094.32	2	3,279.66	2	3,465.00	2	3,637.85	2	3,821.73	2	3,999.91	2	4,192.33	2	4,377.63	2	4,562.97	2
1/4	2,864.28	1/4	3,098.18	1/4	3,283.52	1/4	3,468.86	1/4	3,639.35	1/4	3,822.57	1/4	3,999.97	1/4	4,193.17	1/4	4,378.47	1/4	4,563.81	1/4
1/2	2,870.25	1/2	3,102.04	1/2	3,287.38	1/2	3,472.72	1/2	3,640.84	1/2	3,823.41	1/2	3,999.99	1/2	4,193.99	1/2	4,379.31	1/2	4,564.65	1/2
3/4	2,876.22	3/4	3,105.90	3/4	3,291.24	3/4	3,476.58	3/4	3,642.33	3/4	3,824.25	3/4	3,999.99	3/4	4,194.81	3/4	4,380.15	3/4	4,565.49	3/4
3	2,882.20	3	3,109.76	3	3,295.10	3	3,480.44	3	3,643.83	3	3,825.09	3	3,999.99	3	4,195.63	3	4,380.99	3	4,566.33	3
1/4	2,888.17	1/4	3,113.63	1/4	3,298.96	1/4	3,484.30	1/4	3,644.08	1/4	3,825.91	1/4	3,999.99	1/4	4,196.45	1/4	4,381.83	1/4	4,567.17	1/4
1/2	2,894.14	1/2	3,117.49	1/2	3,302.82	1/2	3,488.16	1/2	3,644.82	1/2	3,826.73	1/2	3,999.99	1/2	4,197.27	1/2	4,382.67	1/2	4,568.01	1/2
3/4	2,900.12	3/4	3,121.35	3/4	3,306.69	3/4	3,492.02	3/4	3,645.56	3/4	3,827.55	3/4	3,999.99	3/4	4,198.09	3/4	4,383.51	3/4	4,568.85	3/4
4	2,906.09	4	3,125.21	4	3,310.55	4	3,495.88	4	3,646.30	4	3,828.37	4	3,999.99	4	4,198.91	4	4,384.35	4	4,569.69	4
1/4	2,912.06	1/4	3,129.07	1/4	3,314.41	1/4	3,499.75	1/4	3,647.04	1/4	3,829.19	1/4	3,999.99	1/4	4,199.73	1/4	4,385.19	1/4	4,570.53	1/4
1/2	2,918.03	1/2	3,132.93	1/2	3,318.27	1/2	3,503.61	1/2	3,647.78	1/2	3,830.01	1/2	3,999.99	1/2	4,200.55	1/2	4,386.03	1/2	4,571.37	1/2
3/4	2,924.01	3/4	3,136.79	3/4	3,322.13	3/4	3,507.47	3/4	3,648.52	3/4	3,830.83	3/4	3,999.99	3/4	4,201.37	3/4	4,386.87	3/4	4,572.21	3/4
5	2,929.98	5	3,140.65	5	3,325.99	5	3,511.33	5	3,649.26	5	3,831.65	5	3,999.99	5	4,202.19	5	4,387.71	5	4,573.05	5
1/4	2,935.95	1/4	3,144.52	1/4	3,329.85	1/4	3,515.19	1/4	3,650.00	1/4	3,832.47	1/4	3,999.99	1/4	4,203.01	1/4	4,388.55	1/4	4,573.89	1/4
1/2	2,941.92	1/2	3,148.38	1/2	3,333.71	1/2	3,519.05	1/2	3,650.74	1/2	3,833.29	1/2	3,999.99	1/2	4,203.83	1/2	4,389.39	1/2	4,574.73	1/2
3/4	2,947.90	3/4	3,152.24	3/4	3,337.58	3/4	3,522.91	3/4	3,651.48	3/4	3,834.11	3/4	3,999.99	3/4	4,204.65	3/4	4,390.23	3/4	4,575.57	3/4
6	2,953.87	6	3,156.10	6	3,341.44	6	3,526.77	6	3,652.22	6	3,834.93	6	3,999.99	6	4,205.47	6	4,391.07	6	4,576.41	6
1/4	2,959.84	1/4	3,159.96	1/4	3,345.30	1/4	3,530.64	1/4	3,652.96	1/4	3,835.75	1/4	3,999.99	1/4	4,206.29	1/4	4,391.91	1/4	4,577.25	1/4
1/2	2,965.81	1/2	3,163.82	1/2	3,349.16	1/2	3,534.50	1/2	3,653.70	1/2	3,836.57	1/2	3,999.99	1/2	4,207.11	1/2	4,392.75	1/2	4,578.09	1/2
3/4	2,971.79	3/4	3,167.68	3/4	3,353.02	3/4	3,538.36	3/4	3,654.44	3/4	3,837.39	3/4	3,999.99	3/4	4,207.93	3/4	4,393.59	3/4	4,578.93	3/4
7	2,977.76	7	3,171.54	7	3,356.88	7	3,542.22	7	3,655.18	7	3,838.21	7	3,999.99	7	4,208.75	7	4,394.43	7	4,579.77	7
1/4	2,983.73	1/4	3,175.41	1/4	3,360.74	1/4	3,546.08	1/4	3,655.92	1/4	3,839.03	1/4	3,999.99	1/4	4,209.57	1/4	4,395.27	1/4	4,580.61	1/4
1/2	2,989.71	1/2	3,179.27	1/2	3,364.60	1/2	3,549.94	1/2	3,656.66	1/2	3,839.85	1/2	3,999.99	1/2	4,210.39	1/2	4,396.11	1/2	4,581.45	1/2
3/4	2,995.68	3/4	3,183.13	3/4	3,368.47	3/4	3,553.80	3/4	3,657.40	3/4	3,840.67	3/4	3,999.99	3/4	4,211.21	3/4	4,396.95	3/4	4,582.29	3/4
8	3,001.65	8	3,186.99	8	3,372.33	8	3,557.66	8	3,658.14	8	3,841.49	8	3,999.99	8	4,212.03	8	4,397.79	8	4,583.13	8
1/4	3,005.51	1/4	3,190.85	1/4	3,376.19	1/4	3,561.53	1/4	3,658.88	1/4	3,842.31	1/4	3,999.99	1/4	4,212.85	1/4	4,398.63	1/4	4,583.97	1/4
1/2	3,009.37	1/2	3,194.71	1/2	3,380.05	1/2	3,565.39	1/2	3,659.62	1/2	3,843.13	1/2	3,999.99	1/2	4,213.67	1/2	4,399.47	1/2	4,584.81	1/2
3/4	3,013.23	3/4	3,198.57	3/4	3,383.91	3/4	3,569.25	3/4	3,660.36	3/4	3,843.95	3/4	3,999.99	3/4	4,214.49	3/4	4,400.31	3/4	4,585.65	3/4
9	3,017.10	9	3,202.43	9	3,387.77	9	3,573.11	9	3,661.10	9	3,844.77	9	3,999.99	9	4,215.31	9	4,401.15	9	4,586.49	9
1/4	3,020.96	1/4	3,206.29	1/4	3,391.63	1/4	3,576.97	1/4	3,661.84	1/4	3,845.59	1/4	3,999.99	1/4	4,216.13	1/4	4,401.99	1/4	4,587.33	1/4
1/2	3,024.82	1/2	3,210.16	1/2	3,395.49	1/2	3,580.83	1/2	3,662.58	1/2	3,846.41	1/2	3,999.99	1/2	4,216.95	1/2	4,402.83	1/2	4,588.17	1/2
3/4	3,028.68	3/4	3,214.02	3/4	3,399.35	3/4	3,584.69	3/4	3,663.32	3/4	3,847.23	3/4	3,999.99	3/4	4,217.77	3/4	4,403.67	3/4	4,589.01	3/4
10	3,032.54	10	3,217.88	10	3,403.22	10	3,588.55	10	3,664.06	10	3,848.05	10	3,999.99	10	4,218.59	10	4,404.51	10	4,589.85	10
1/4	3,036.40	1/4	3,221.74	1/4	3,407.08	1/4	3,592.40	1/4	3,664.80	1/4	3,848.87	1/4	3,999.99	1/4	4,219.41	1/4	4,405.35	1/4	4,590.69	1/4
1/2	3,040.26	1/2	3,225.60	1/2	3,410.94	1/2	3,596.25	1/2	3,665.54	1/2	3,849.69	1/2	3,999.99	1/2	4,220.23	1/2	4,406.19	1/2	4,591.53	1/2
3/4	3,044.12	3/4	3,229.46	3/4	3,414.80	3/4	3,600.10	3/4	3,666.28	3/4	3,850.51	3/4	3,999.99	3/4	4,221.05	3/4	4,407.03	3/4	4,592.37	3/4
11	3,047.99	11	3,233.32	11	3,418.66	11	3,603.95	11	3,667.02	11	3,851.33	11	3,999.99	11	4,221.87	11	4,407.87	11	4,593.21	11
1/4	3,051.85	1/4	3,237.18	1/4	3,422.52	1/4	3,607.78	1/4	3,667.76	1/4	3,852.15	1/4	3,999.99	1/4	4,222.69	1/4	4,408.71	1/4	4,594.05	1/4
1/2	3,055.71	1/2	3,241.05	1/2	3,426.38	1/2	3,611.60	1/2	3,668.50	1/2	3,852.97	1/2	3,999.99	1/2	4,223.51	1/2	4,409.55	1/2	4,594.89	1/2
3/4	3,059.57	3/4	3,244.91	3/4	3,430.24	3/4	3,615.42	3/4	3,669.24	3/4	3,853.79	3/4	3,999.99	3/4	4,224.33	3/4	4,410.39	3/4	4,595.73	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2017 CL
CALCULATED: 10/05/2017 CL
PRINTED: 10/05/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.dmtacord.net>



BARGE "IB 1981"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.63	0	240.66	0	515.29	0	785.90	0	1,057.86	0	1,332.51	0	1,607.16	0	1,881.80	0	2,156.45	0	2,431.10
1/4	1.58	1/4	246.38	1/4	521.01	1/4	791.45	1/4	1,063.59	1/4	1,338.23	1/4	1,612.88	1/4	1,887.53	1/4	2,162.17	1/4	2,436.82
1/2	2.53	1/2	252.10	1/2	526.74	1/2	797.00	1/2	1,069.31	1/2	1,343.95	1/2	1,618.60	1/2	1,893.25	1/2	2,167.89	1/2	2,442.54
3/4	3.49	3/4	257.82	3/4	532.46	3/4	802.56	3/4	1,075.03	3/4	1,349.68	3/4	1,624.32	3/4	1,898.97	3/4	2,173.62	3/4	2,448.26
1	4.44	1	263.54	1	538.18	1	808.11	1	1,080.75	1	1,355.40	1	1,630.04	1	1,904.69	1	2,179.34	1	2,453.98
1 1/4	7.30	1 1/4	269.26	1 1/4	543.90	1 1/4	813.67	1 1/4	1,086.47	1 1/4	1,361.12	1 1/4	1,635.77	1 1/4	1,910.41	1 1/4	2,185.06	1 1/4	2,459.71
1 1/2	10.16	1 1/2	274.99	1 1/2	549.62	1 1/2	819.32	1 1/2	1,092.20	1 1/2	1,366.84	1 1/2	1,641.49	1 1/2	1,916.13	1 1/2	2,190.78	1 1/2	2,465.43
1 3/4	13.02	1 3/4	280.71	1 3/4	555.34	1 3/4	824.77	1 3/4	1,097.92	1 3/4	1,372.56	1 3/4	1,647.21	1 3/4	1,921.86	1 3/4	2,196.50	1 3/4	2,471.15
2	15.88	2	286.43	2	561.07	2	830.33	2	1,103.64	2	1,378.29	2	1,652.93	2	1,927.58	2	2,202.22	2	2,476.87
2 1/4	20.65	2 1/4	292.15	2 1/4	566.79	2 1/4	835.38	2 1/4	1,109.36	2 1/4	1,384.01	2 1/4	1,658.55	2 1/4	1,933.30	2 1/4	2,207.95	2 1/4	2,482.59
2 1/2	25.41	2 1/2	297.87	2 1/2	572.51	2 1/2	841.44	2 1/2	1,115.08	2 1/2	1,389.73	2 1/2	1,664.38	2 1/2	1,939.02	2 1/2	2,213.67	2 1/2	2,488.31
2 3/4	30.18	2 3/4	303.59	2 3/4	578.23	2 3/4	846.99	2 3/4	1,120.80	2 3/4	1,395.45	2 3/4	1,670.10	2 3/4	1,944.74	2 3/4	2,219.39	2 3/4	2,494.04
3	34.94	3	309.32	3	583.95	3	852.55	3	1,126.53	3	1,401.17	3	1,675.82	3	1,950.47	3	2,225.11	3	2,499.76
3 1/4	40.62	3 1/4	315.04	3 1/4	589.67	3 1/4	858.10	3 1/4	1,132.25	3 1/4	1,406.89	3 1/4	1,681.54	3 1/4	1,956.19	3 1/4	2,230.83	3 1/4	2,505.48
3 1/2	46.29	3 1/2	320.76	3 1/2	595.40	3 1/2	863.66	3 1/2	1,137.97	3 1/2	1,412.62	3 1/2	1,687.26	3 1/2	1,961.91	3 1/2	2,236.56	3 1/2	2,511.20
3 3/4	51.96	3 3/4	326.48	3 3/4	601.12	3 3/4	869.21	3 3/4	1,143.69	3 3/4	1,418.34	3 3/4	1,692.98	3 3/4	1,967.63	3 3/4	2,242.28	3 3/4	2,516.92
4	57.63	4	332.20	4	606.84	4	874.77	4	1,149.41	4	1,424.06	4	1,698.71	4	1,973.35	4	2,248.00	4	2,522.64
4 1/4	63.34	4 1/4	337.92	4 1/4	612.56	4 1/4	880.49	4 1/4	1,155.13	4 1/4	1,429.78	4 1/4	1,704.43	4 1/4	1,979.07	4 1/4	2,253.72	4 1/4	2,528.37
4 1/2	69.05	4 1/2	343.65	4 1/2	618.28	4 1/2	886.21	4 1/2	1,160.86	4 1/2	1,435.50	4 1/2	1,710.15	4 1/2	1,984.80	4 1/2	2,259.44	4 1/2	2,534.09
4 3/4	74.76	4 3/4	349.37	4 3/4	624.00	4 3/4	891.93	4 3/4	1,166.58	4 3/4	1,441.22	4 3/4	1,715.87	4 3/4	1,990.52	4 3/4	2,265.16	4 3/4	2,539.81
5	80.46	5	355.09	5	629.73	5	897.65	5	1,172.30	5	1,446.95	5	1,721.59	5	1,996.24	5	2,270.89	5	2,545.53
5 1/4	86.18	5 1/4	360.81	5 1/4	635.45	5 1/4	903.38	5 1/4	1,178.02	5 1/4	1,452.67	5 1/4	1,727.31	5 1/4	2,001.96	5 1/4	2,276.61	5 1/4	2,551.25
5 1/2	91.90	5 1/2	366.53	5 1/2	641.17	5 1/2	909.10	5 1/2	1,183.74	5 1/2	1,458.39	5 1/2	1,733.04	5 1/2	2,007.68	5 1/2	2,282.33	5 1/2	2,556.98
5 3/4	97.62	5 3/4	372.25	5 3/4	646.89	5 3/4	914.82	5 3/4	1,189.47	5 3/4	1,464.11	5 3/4	1,738.76	5 3/4	2,013.40	5 3/4	2,288.05	5 3/4	2,562.70
6	103.34	6	377.97	6	652.61	6	920.54	6	1,195.19	6	1,469.83	6	1,744.48	6	2,019.13	6	2,293.77	6	2,568.42
6 1/4	109.06	6 1/4	383.70	6 1/4	658.17	6 1/4	926.26	6 1/4	1,200.91	6 1/4	1,475.56	6 1/4	1,750.20	6 1/4	2,024.85	6 1/4	2,299.49	6 1/4	2,574.14
6 1/2	114.79	6 1/2	389.42	6 1/2	663.72	6 1/2	931.98	6 1/2	1,206.63	6 1/2	1,481.28	6 1/2	1,755.92	6 1/2	2,030.57	6 1/2	2,305.22	6 1/2	2,579.86
6 3/4	120.51	6 3/4	395.14	6 3/4	669.27	6 3/4	937.71	6 3/4	1,212.35	6 3/4	1,487.00	6 3/4	1,761.85	6 3/4	2,036.29	6 3/4	2,310.94	6 3/4	2,585.58
7	126.23	7	400.86	7	674.83	7	943.43	7	1,218.07	7	1,492.72	7	1,767.37	7	2,042.01	7	2,316.66	7	2,591.31
7 1/4	131.95	7 1/4	406.58	7 1/4	680.38	7 1/4	949.15	7 1/4	1,223.80	7 1/4	1,498.44	7 1/4	1,773.09	7 1/4	2,047.74	7 1/4	2,322.38	7 1/4	2,597.03
7 1/2	137.67	7 1/2	412.30	7 1/2	685.93	7 1/2	954.87	7 1/2	1,229.52	7 1/2	1,504.16	7 1/2	1,778.81	7 1/2	2,053.46	7 1/2	2,328.10	7 1/2	2,602.75
7 3/4	143.39	7 3/4	418.03	7 3/4	691.49	7 3/4	960.59	7 3/4	1,235.24	7 3/4	1,509.89	7 3/4	1,784.53	7 3/4	2,059.18	7 3/4	2,333.83	7 3/4	2,608.47
8	149.11	8	423.75	8	697.04	8	966.32	8	1,240.96	8	1,515.61	8	1,790.25	8	2,064.90	8	2,339.55	8	2,614.19
8 1/4	154.83	8 1/4	429.47	8 1/4	702.59	8 1/4	972.04	8 1/4	1,246.68	8 1/4	1,521.33	8 1/4	1,795.98	8 1/4	2,070.62	8 1/4	2,345.27	8 1/4	2,619.92
8 1/2	160.56	8 1/2	435.19	8 1/2	708.15	8 1/2	977.76	8 1/2	1,252.41	8 1/2	1,527.05	8 1/2	1,801.70	8 1/2	2,076.34	8 1/2	2,350.99	8 1/2	2,625.64
8 3/4	166.28	8 3/4	440.91	8 3/4	713.70	8 3/4	983.48	8 3/4	1,258.13	8 3/4	1,532.77	8 3/4	1,807.42	8 3/4	2,082.07	8 3/4	2,356.71	8 3/4	2,631.36
9	172.00	9	446.63	9	719.25	9	989.20	9	1,263.85	9	1,538.50	9	1,813.14	9	2,087.79	9	2,362.43	9	2,637.08
9 1/4	177.72	9 1/4	452.36	9 1/4	724.81	9 1/4	994.92	9 1/4	1,269.57	9 1/4	1,544.22	9 1/4	1,818.86	9 1/4	2,093.51	9 1/4	2,368.16	9 1/4	2,642.80
9 1/2	183.44	9 1/2	458.08	9 1/2	730.36	9 1/2	1,000.65	9 1/2	1,275.29	9 1/2	1,549.94	9 1/2	1,824.59	9 1/2	2,099.23	9 1/2	2,373.88	9 1/2	2,648.52
9 3/4	189.16	9 3/4	463.80	9 3/4	735.92	9 3/4	1,006.37	9 3/4	1,281.01	9 3/4	1,555.66	9 3/4	1,830.31	9 3/4	2,104.95	9 3/4	2,379.60	9 3/4	2,654.25
10	194.88	10	469.52	10	741.47	10	1,012.09	10	1,286.74	10	1,561.38	10	1,836.05	10	2,110.68	10	2,385.32	10	2,659.97
10 1/4	200.61	10 1/4	475.24	10 1/4	747.02	10 1/4	1,017.81	10 1/4	1,292.46	10 1/4	1,567.10	10 1/4	1,841.75	10 1/4	2,116.40	10 1/4	2,391.04	10 1/4	2,665.69
10 1/2	206.33	10 1/2	480.96	10 1/2	752.58	10 1/2	1,023.53	10 1/2	1,298.18	10 1/2	1,572.83	10 1/2	1,847.47	10 1/2	2,122.12	10 1/2	2,396.77	10 1/2	2,671.41
10 3/4	212.05	10 3/4	486.69	10 3/4	758.13	10 3/4	1,029.26	10 3/4	1,303.90	10 3/4	1,578.55	10 3/4	1,853.19	10 3/4	2,127.84	10 3/4	2,402.49	10 3/4	2,677.13
11	217.77	11	492.41	11	763.68	11	1,034.98	11	1,309.62	11	1,584.27	11	1,858.92	11	2,133.56	11	2,408.21	11	2,682.86
11 1/4	223.49	11 1/4	498.13	11 1/4	769.24	11 1/4	1,040.70	11 1/4	1,315.35	11 1/4	1,589.99	11 1/4	1,864.64	11 1/4	2,139.28	11 1/4	2,413.93	11 1/4	2,688.58
11 1/2	229.21	11 1/2	503.85	11 1/2	774.79	11 1/2	1,046.42	11 1/2	1,321.07	11 1/2	1,595.71	11 1/2	1,870.36	11 1/2	2,145.01	11 1/2	2,419.65	11 1/2	2,694.30
11 3/4	234.93	11 3/4	509.57	11 3/4	780.34	11 3/4	1,052.14	11 3/4	1,326.79	11 3/4	1,601.44	11 3/4	1,876.08	11 3/4	2,150.73	11 3/4	2,425.37	11 3/4	2,700.02

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2082
Pearland, Texas 77588
http://www.pmatcorp.net



BARGE "IB 1981"

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	2,705.74	0	2,980.39	0	3,255.04	0	3,529.68	0	3,804.16	0	4,078.64	0	4,353.12	0	4,627.60	0	4,902.08	0	5,176.56
1/4	2,711.46	1/4	2,986.11	1/4	3,260.76	1/4	3,535.40	1/4	3,809.32	1/4	4,083.80	1/4	4,358.32	1/4	4,632.80	1/4	4,907.28	1/4	5,181.76
1/2	2,717.19	1/2	2,991.83	1/2	3,266.48	1/2	3,541.13	1/2	3,814.49	1/2	4,087.96	1/2	4,361.44	1/2	4,634.92	1/2	4,908.40	1/2	5,182.88
3/4	2,722.91	3/4	2,997.55	3/4	3,272.20	3/4	3,546.85	3/4	3,819.65	3/4	4,092.16	3/4	4,365.60	3/4	4,638.96	3/4	4,912.32	3/4	5,186.64
1	2,728.63	1	3,003.28	1	3,277.92	1	3,552.57	1	3,824.81	1	4,097.20	1	4,370.08	1	4,644.96	1	4,919.84	1	5,191.52
1/4	2,734.35	1/4	3,009.00	1/4	3,283.64	1/4	3,558.29	1/4	3,828.15	1/4	4,102.08	1/4	4,376.96	1/4	4,650.88	1/4	4,924.80	1/4	5,195.20
1/2	2,740.07	1/2	3,014.72	1/2	3,289.37	1/2	3,564.01	1/2	3,831.49	1/2	4,107.36	1/2	4,382.24	1/2	4,656.16	1/2	4,930.08	1/2	5,200.80
3/4	2,745.80	3/4	3,020.44	3/4	3,295.09	3/4	3,569.73	3/4	3,834.83	3/4	4,112.72	3/4	4,387.60	3/4	4,661.04	3/4	4,934.88	3/4	5,205.60
1	2,751.52	1	3,026.16	1	3,300.81	1	3,575.46	1	3,838.17	1	4,118.00	1	4,392.48	1	4,665.92	1	4,940.32	1	5,210.40
1/4	2,757.24	1/4	3,031.89	1/4	3,306.53	1/4	3,581.18	1/4	3,839.60	1/4	4,123.36	1/4	4,397.76	1/4	4,670.88	1/4	4,945.12	1/4	5,215.20
1/2	2,762.96	1/2	3,037.61	1/2	3,312.25	1/2	3,586.80	1/2	3,841.03	1/2	4,128.64	1/2	4,403.04	1/2	4,676.16	1/2	4,950.40	1/2	5,220.00
3/4	2,768.68	3/4	3,043.33	3/4	3,317.98	3/4	3,592.62	3/4	3,842.46	3/4	4,133.92	3/4	4,408.32	3/4	4,681.44	3/4	4,955.68	3/4	5,224.80
1	2,774.40	1	3,049.05	1	3,323.70	1	3,598.34	1	3,843.89	1	4,139.20	1	4,413.60	1	4,686.72	1	4,960.96	1	5,229.60
1/4	2,780.13	1/4	3,054.77	1/4	3,329.42	1/4	3,604.07	1/4	3,844.13	1/4	4,144.48	1/4	4,418.88	1/4	4,691.84	1/4	4,966.24	1/4	5,234.40
1/2	2,785.85	1/2	3,060.49	1/2	3,335.14	1/2	3,609.79	1/2	3,849.37	1/2	4,149.76	1/2	4,424.16	1/2	4,697.12	1/2	4,971.52	1/2	5,239.20
3/4	2,791.57	3/4	3,066.22	3/4	3,340.86	3/4	3,615.51	3/4	3,854.61	3/4	4,155.04	3/4	4,429.44	3/4	4,702.40	3/4	4,976.80	3/4	5,244.00
1	2,797.29	1	3,071.94	1	3,346.58	1	3,621.23	1	3,859.85	1	4,160.32	1	4,434.72	1	4,707.68	1	4,982.08	1	5,248.80
1/4	2,803.01	1/4	3,077.66	1/4	3,352.31	1/4	3,626.95	1/4	3,865.09	1/4	4,165.60	1/4	4,439.92	1/4	4,712.96	1/4	4,987.36	1/4	5,253.60
1/2	2,808.73	1/2	3,083.38	1/2	3,358.03	1/2	3,632.67	1/2	3,870.33	1/2	4,170.88	1/2	4,445.20	1/2	4,718.24	1/2	4,992.72	1/2	5,258.40
3/4	2,814.46	3/4	3,089.10	3/4	3,363.75	3/4	3,638.40	3/4	3,875.63	3/4	4,176.16	3/4	4,450.48	3/4	4,723.52	3/4	4,998.00	3/4	5,263.20
1	2,820.18	1	3,094.82	1	3,369.47	1	3,644.12	1	3,880.87	1	4,181.44	1	4,455.76	1	4,728.80	1	5,003.28	1	5,268.00
1/4	2,825.90	1/4	3,100.55	1/4	3,375.19	1/4	3,649.84	1/4	3,886.11	1/4	4,186.72	1/4	4,461.04	1/4	4,734.08	1/4	5,008.56	1/4	5,272.80
1/2	2,831.62	1/2	3,106.27	1/2	3,380.91	1/2	3,655.56	1/2	3,891.39	1/2	4,192.00	1/2	4,466.32	1/2	4,739.36	1/2	5,013.84	1/2	5,277.60
3/4	2,837.34	3/4	3,111.99	3/4	3,386.64	3/4	3,661.28	3/4	3,896.67	3/4	4,197.28	3/4	4,471.60	3/4	4,744.64	3/4	5,019.12	3/4	5,282.40
1	2,843.07	1	3,117.71	1	3,392.36	1	3,667.00	1	3,901.95	1	4,202.56	1	4,476.88	1	4,749.92	1	5,024.40	1	5,287.20
1/4	2,848.79	1/4	3,123.43	1/4	3,398.08	1/4	3,672.73	1/4	3,907.23	1/4	4,207.84	1/4	4,482.16	1/4	4,755.20	1/4	5,029.76	1/4	5,292.00
1/2	2,854.51	1/2	3,129.16	1/2	3,403.80	1/2	3,678.45	1/2	3,912.51	1/2	4,213.12	1/2	4,487.44	1/2	4,760.48	1/2	5,035.04	1/2	5,296.80
3/4	2,860.23	3/4	3,134.88	3/4	3,409.52	3/4	3,684.17	3/4	3,917.79	3/4	4,218.40	3/4	4,492.72	3/4	4,765.76	3/4	5,040.32	3/4	5,301.60
1	2,865.95	1	3,140.60	1	3,415.25	1	3,689.89	1	3,923.07	1	4,223.68	1	4,498.00	1	4,771.04	1	5,045.60	1	5,306.40
1/4	2,871.67	1/4	3,146.32	1/4	3,420.97	1/4	3,695.61	1/4	3,928.35	1/4	4,229.04	1/4	4,503.28	1/4	4,776.32	1/4	5,050.88	1/4	5,311.20
1/2	2,877.40	1/2	3,152.04	1/2	3,426.69	1/2	3,701.34	1/2	3,933.63	1/2	4,234.32	1/2	4,508.56	1/2	4,781.60	1/2	5,056.16	1/2	5,316.00
3/4	2,883.12	3/4	3,157.76	3/4	3,432.41	3/4	3,707.06	3/4	3,938.95	3/4	4,239.60	3/4	4,513.84	3/4	4,786.88	3/4	5,061.44	3/4	5,320.80
1	2,888.84	1	3,163.49	1	3,438.13	1	3,712.78	1	3,944.23	1	4,244.88	1	4,519.12	1	4,792.16	1	5,066.72	1	5,325.60
1/4	2,894.56	1/4	3,169.21	1/4	3,443.85	1/4	3,718.50	1/4	3,949.51	1/4	4,250.16	1/4	4,524.40	1/4	4,797.44	1/4	5,072.00	1/4	5,330.40
1/2	2,900.28	1/2	3,174.93	1/2	3,449.58	1/2	3,724.22	1/2	3,954.79	1/2	4,255.44	1/2	4,529.68	1/2	4,802.72	1/2	5,077.28	1/2	5,335.20
3/4	2,906.01	3/4	3,180.65	3/4	3,455.30	3/4	3,729.94	3/4	3,960.07	3/4	4,260.72	3/4	4,534.96	3/4	4,808.00	3/4	5,082.56	3/4	5,340.00
1	2,911.73	1	3,186.37	1	3,461.02	1	3,735.67	1	3,965.35	1	4,266.00	1	4,540.24	1	4,813.28	1	5,087.84	1	5,344.80
1/4	2,917.45	1/4	3,192.10	1/4	3,466.74	1/4	3,741.39	1/4	3,970.63	1/4	4,271.28	1/4	4,545.52	1/4	4,818.56	1/4	5,093.12	1/4	5,349.60
1/2	2,923.17	1/2	3,197.82	1/2	3,472.46	1/2	3,747.12	1/2	3,975.91	1/2	4,276.56	1/2	4,550.80	1/2	4,823.84	1/2	5,098.40	1/2	5,354.40
3/4	2,928.89	3/4	3,203.54	3/4	3,478.19	3/4	3,752.84	3/4	3,981.19	3/4	4,281.84	3/4	4,556.08	3/4	4,829.12	3/4	5,103.68	3/4	5,359.20
1	2,934.61	1	3,209.26	1	3,483.91	1	3,758.57	1	3,986.47	1	4,287.12	1	4,561.36	1	4,834.40	1	5,109.04	1	5,364.00
1/4	2,940.34	1/4	3,214.98	1/4	3,489.63	1/4	3,764.28	1/4	3,991.75	1/4	4,292.40	1/4	4,566.64	1/4	4,839.68	1/4	5,114.32	1/4	5,368.80
1/2	2,946.06	1/2	3,220.70	1/2	3,495.35	1/2	3,769.99	1/2	3,997.03	1/2	4,297.68	1/2	4,571.92	1/2	4,844.96	1/2	5,119.60	1/2	5,373.60
3/4	2,951.78	3/4	3,226.43	3/4	3,501.07	3/4	3,775.70	3/4	4,002.31	3/4	4,302.96	3/4	4,577.20	3/4	4,850.24	3/4	5,124.88	3/4	5,378.40
1	2,957.50	1	3,232.15	1	3,506.79	1	3,781.42	1	4,007.59	1	4,308.24	1	4,582.48	1	4,855.52	1	5,130.16	1	5,383.20
1/4	2,963.22	1/4	3,237.87	1/4	3,512.52	1/4	3,787.10	1/4	4,012.87	1/4	4,313.52	1/4	4,587.76	1/4	4,860.80	1/4	5,135.44	1/4	5,388.00
1/2	2,968.95	1/2	3,243.59	1/2	3,518.24	1/2	3,792.79	1/2	4,018.15	1/2	4,318.80	1/2	4,593.04	1/2	4,866.08	1/2	5,140.72	1/2	5,392.80
3/4	2,974.67	3/4	3,249.31	3/4	3,523.96	3/4	3,798.47	3/4	4,023.43	3/4	4,324.08	3/4	4,598.32	3/4	4,871.36	3/4	5,146.00	3/4	5,397.60

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "IB 1981"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.63	0	239.15	0	612.05	0	784.70	0	1,057.46	0	1,330.38	0	1,603.30	0	1,876.21	0	2,149.13	0	2,422.05
1/4	1.57	1/4	244.83	1/4	517.74	1/4	790.38	1/4	1,063.15	1/4	1,336.06	1/4	1,608.98	1/4	1,881.90	1/4	2,154.82	1/4	2,427.74
1/2	2.52	1/2	250.52	1/2	523.43	1/2	796.05	1/2	1,068.83	1/2	1,341.75	1/2	1,614.67	1/2	1,887.59	1/2	2,160.50	1/2	2,433.42
3/4	3.47	3/4	256.20	3/4	529.11	3/4	801.73	3/4	1,074.52	3/4	1,347.44	3/4	1,620.35	3/4	1,893.27	3/4	2,166.19	3/4	2,439.11
1	4.42	1	261.89	1	534.80	1	807.40	1	1,080.20	1	1,353.12	1	1,626.04	1	1,898.96	1	2,171.88	1	2,444.79
1/4	7.26	1/4	267.57	1/4	540.48	1/4	813.08	1/4	1,086.89	1/4	1,359.81	1/4	1,633.73	1/4	1,906.64	1/4	2,179.56	1/4	2,452.48
1/2	10.10	1/2	273.26	1/2	546.17	1/2	818.75	1/2	1,091.57	1/2	1,364.49	1/2	1,637.41	1/2	1,910.33	1/2	2,183.25	1/2	2,456.17
3/4	12.95	3/4	278.95	3/4	551.85	3/4	824.43	3/4	1,097.26	3/4	1,370.18	3/4	1,643.10	3/4	1,916.02	3/4	2,189.93	3/4	2,461.85
2	15.79	2	284.63	2	557.54	2	830.10	2	1,102.95	2	1,375.86	2	1,648.78	2	1,921.70	2	2,194.62	2	2,467.54
1/4	20.52	1/4	290.32	1/4	563.23	1/4	835.78	1/4	1,108.63	1/4	1,381.55	1/4	1,654.47	1/4	1,927.39	1/4	2,200.31	1/4	2,473.22
1/2	25.26	1/2	296.00	1/2	568.91	1/2	841.46	1/2	1,114.32	1/2	1,387.24	1/2	1,660.15	1/2	1,933.07	1/2	2,205.99	1/2	2,478.91
3/4	29.99	3/4	301.69	3/4	574.50	3/4	847.13	3/4	1,120.00	3/4	1,392.92	3/4	1,665.84	3/4	1,938.76	3/4	2,211.68	3/4	2,484.60
3	34.73	3	307.37	3	580.28	3	852.81	3	1,125.69	3	1,398.61	3	1,671.53	3	1,944.44	3	2,217.36	3	2,490.28
1/4	40.37	1/4	313.06	1/4	585.97	1/4	858.48	1/4	1,131.37	1/4	1,404.29	1/4	1,677.21	1/4	1,950.13	1/4	2,223.05	1/4	2,495.97
1/2	46.00	1/2	318.74	1/2	591.55	1/2	864.16	1/2	1,137.06	1/2	1,409.98	1/2	1,682.90	1/2	1,955.82	1/2	2,228.73	1/2	2,501.65
3/4	51.64	3/4	324.43	3/4	597.34	3/4	869.84	3/4	1,142.75	3/4	1,415.66	3/4	1,688.58	3/4	1,961.50	3/4	2,234.42	3/4	2,507.34
4	57.28	4	330.12	4	603.02	4	875.51	4	1,148.43	4	1,421.35	4	1,694.27	4	1,967.19	4	2,240.11	4	2,513.02
1/4	62.95	1/4	335.80	1/4	608.71	1/4	881.20	1/4	1,154.12	1/4	1,427.04	1/4	1,699.95	1/4	1,972.87	1/4	2,245.79	1/4	2,518.71
1/2	68.62	1/2	341.49	1/2	614.40	1/2	886.99	1/2	1,159.80	1/2	1,432.72	1/2	1,705.64	1/2	1,978.56	1/2	2,251.48	1/2	2,524.40
3/4	74.29	3/4	347.17	3/4	620.08	3/4	892.57	3/4	1,165.49	3/4	1,438.41	3/4	1,711.33	3/4	1,984.24	3/4	2,257.16	3/4	2,530.08
5	79.96	5	352.86	5	625.77	5	898.26	5	1,171.18	5	1,444.09	5	1,717.01	5	1,989.93	5	2,262.85	5	2,535.77
1/4	85.65	1/4	358.54	1/4	631.45	1/4	903.94	1/4	1,176.86	1/4	1,449.78	1/4	1,722.70	1/4	1,995.62	1/4	2,268.53	1/4	2,541.45
1/2	91.33	1/2	364.23	1/2	637.14	1/2	909.63	1/2	1,182.55	1/2	1,455.47	1/2	1,728.38	1/2	2,001.30	1/2	2,274.22	1/2	2,547.14
3/4	97.01	3/4	369.91	3/4	642.82	3/4	915.31	3/4	1,188.32	3/4	1,461.15	3/4	1,734.07	3/4	2,006.99	3/4	2,279.91	3/4	2,552.82
6	102.70	6	375.60	6	648.51	6	921.00	6	1,193.92	6	1,466.84	6	1,739.79	6	2,012.67	6	2,285.59	6	2,558.51
1/4	108.38	1/4	381.29	1/4	654.18	1/4	926.69	1/4	1,199.60	1/4	1,472.52	1/4	1,745.44	1/4	2,018.36	1/4	2,291.28	1/4	2,564.20
1/2	114.07	1/2	386.97	1/2	659.86	1/2	932.37	1/2	1,205.29	1/2	1,478.21	1/2	1,751.13	1/2	2,024.05	1/2	2,296.96	1/2	2,569.88
3/4	119.75	3/4	392.66	3/4	665.53	3/4	938.06	3/4	1,210.98	3/4	1,483.99	3/4	1,756.81	3/4	2,029.73	3/4	2,302.65	3/4	2,575.57
7	125.44	7	398.34	7	671.21	7	943.74	7	1,216.66	7	1,489.68	7	1,762.50	7	2,035.42	7	2,308.34	7	2,581.25
1/4	131.12	1/4	404.03	1/4	676.88	1/4	949.43	1/4	1,222.35	1/4	1,495.27	1/4	1,768.18	1/4	2,041.10	1/4	2,314.02	1/4	2,586.94
1/2	136.81	1/2	409.71	1/2	682.56	1/2	955.12	1/2	1,228.03	1/2	1,500.95	1/2	1,773.87	1/2	2,046.79	1/2	2,319.71	1/2	2,592.63
3/4	142.50	3/4	415.40	3/4	688.23	3/4	960.80	3/4	1,233.72	3/4	1,506.64	3/4	1,779.56	3/4	2,052.47	3/4	2,325.39	3/4	2,598.31
8	148.18	8	421.09	8	693.91	8	966.49	8	1,239.41	8	1,512.32	8	1,785.24	8	2,058.16	8	2,331.08	8	2,604.00
1/4	153.87	1/4	426.77	1/4	699.58	1/4	972.17	1/4	1,245.09	1/4	1,518.01	1/4	1,790.93	1/4	2,063.85	1/4	2,336.76	1/4	2,609.68
1/2	159.55	1/2	432.46	1/2	705.26	1/2	977.96	1/2	1,250.78	1/2	1,523.70	1/2	1,796.61	1/2	2,069.53	1/2	2,342.45	1/2	2,615.37
3/4	165.24	3/4	438.14	3/4	710.93	3/4	983.54	3/4	1,256.46	3/4	1,529.38	3/4	1,802.30	3/4	2,075.22	3/4	2,348.14	3/4	2,621.05
9	170.92	9	443.83	9	716.61	9	989.23	9	1,262.15	9	1,535.07	9	1,807.99	9	2,080.90	9	2,353.82	9	2,626.74
1/4	176.61	1/4	449.51	1/4	722.28	1/4	994.92	1/4	1,267.83	1/4	1,540.75	1/4	1,813.67	1/4	2,086.59	1/4	2,359.51	1/4	2,632.43
1/2	182.29	1/2	455.20	1/2	727.96	1/2	1,000.60	1/2	1,273.52	1/2	1,546.44	1/2	1,819.36	1/2	2,092.28	1/2	2,365.19	1/2	2,638.11
3/4	187.98	3/4	460.88	3/4	733.63	3/4	1,006.29	3/4	1,279.21	3/4	1,552.12	3/4	1,825.04	3/4	2,097.96	3/4	2,370.88	3/4	2,643.80
10	193.66	10	466.57	10	739.31	10	1,011.97	10	1,284.89	10	1,557.81	10	1,830.73	10	2,103.65	10	2,376.57	10	2,649.48
1/4	199.35	1/4	472.26	1/4	744.98	1/4	1,017.66	1/4	1,290.58	1/4	1,563.50	1/4	1,836.41	1/4	2,109.33	1/4	2,382.25	1/4	2,655.17
1/2	205.03	1/2	477.94	1/2	750.66	1/2	1,023.34	1/2	1,296.26	1/2	1,569.18	1/2	1,842.10	1/2	2,115.02	1/2	2,387.94	1/2	2,660.86
3/4	210.72	3/4	483.63	3/4	756.33	3/4	1,029.03	3/4	1,301.93	3/4	1,574.87	3/4	1,847.79	3/4	2,120.70	3/4	2,393.62	3/4	2,666.54
11	216.40	11	489.31	11	762.01	11	1,034.72	11	1,307.63	11	1,580.55	11	1,853.47	11	2,126.39	11	2,399.31	11	2,672.23
1/4	222.09	1/4	495.00	1/4	767.68	1/4	1,040.40	1/4	1,313.32	1/4	1,586.24	1/4	1,859.16	1/4	2,132.08	1/4	2,404.99	1/4	2,677.91
1/2	227.77	1/2	500.68	1/2	773.35	1/2	1,046.09	1/2	1,319.01	1/2	1,591.92	1/2	1,864.84	1/2	2,137.76	1/2	2,410.68	1/2	2,683.60
3/4	233.46	3/4	506.37	3/4	779.03	3/4	1,051.77	3/4	1,324.69	3/4	1,597.61	3/4	1,870.53	3/4	2,143.45	3/4	2,416.37	3/4	2,689.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pasland, Texas 77588
http://www.pimaCorp.net



BARGE "IB 1981"

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	2,694.97	0	2,967.89	0	3,240.81	0	3,513.73	0	3,786.64	0		0		0		0		0	
1/4	2,700.66	1/4	2,973.57	1/4	3,246.49	1/4	3,519.41	1/4	3,791.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,706.34	1/2	2,979.26	1/2	3,252.18	1/2	3,525.10	1/2	3,796.71	1/2		1/2		1/2		1/2		1/2	
3/4	2,712.03	3/4	2,984.95	3/4	3,257.86	3/4	3,530.78	3/4	3,801.84	3/4		3/4		3/4		3/4		3/4	
1	2,717.71	1	2,990.63	1	3,263.55	1	3,536.47	1	3,806.97	1		1		1		1		1	
1/4	2,723.40	1/4	2,996.32	1/4	3,269.24	1/4	3,542.15	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,729.08	1/2	3,002.00	1/2	3,274.92	1/2	3,547.84	1/2	3,813.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,734.77	3/4	3,007.69	3/4	3,280.61	3/4	3,553.53	3/4	3,816.92	3/4		3/4		3/4		3/4		3/4	
2	2,740.46	2	3,013.37	2	3,286.29	2	3,559.21	2	3,820.24	2		2		2		2		2	
1/4	2,746.14	1/4	3,019.06	1/4	3,291.98	1/4	3,564.90	1/4	3,821.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,751.83	1/2	3,024.75	1/2	3,297.66	1/2	3,570.58	1/2	3,823.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,757.51	3/4	3,030.43	3/4	3,303.35	3/4	3,576.27	3/4	3,824.50	3/4		3/4		3/4		3/4		3/4	
3	2,763.20	3	3,036.12	3	3,309.04	3	3,581.95	3	3,825.92	3		3		3		3		3	
1/4	2,768.89	1/4	3,041.80	1/4	3,314.72	1/4	3,587.64	1/4	3,826.16	1/4		1/4		1/4		1/4		1/4	
1/2	2,774.57	1/2	3,047.49	1/2	3,320.41	1/2	3,593.33	1/2	3,826.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,780.26	3/4	3,053.18	3/4	3,326.09	3/4	3,599.01	3/4	3,826.16	3/4		3/4		3/4		3/4		3/4	
4	2,785.94	4	3,058.86	4	3,331.78	4	3,604.70	4		4		4		4		4		4	
1/4	2,791.63	1/4	3,064.55	1/4	3,337.47	1/4	3,610.38	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,797.31	1/2	3,070.23	1/2	3,343.15	1/2	3,616.07	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,803.00	3/4	3,075.92	3/4	3,348.84	3/4	3,621.76	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
5	2,808.69	5	3,081.60	5	3,354.52	5	3,627.44	5		5		5		5		5		5	
1/4	2,814.37	1/4	3,087.29	1/4	3,360.21	1/4	3,633.13	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,820.06	1/2	3,092.98	1/2	3,365.89	1/2	3,638.81	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,825.74	3/4	3,098.66	3/4	3,371.58	3/4	3,644.50	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
6	2,831.43	6	3,104.35	6	3,377.27	6	3,650.18	6		6		6		6		6		6	
1/4	2,837.11	1/4	3,110.03	1/4	3,382.95	1/4	3,655.87	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,842.80	1/2	3,115.72	1/2	3,388.64	1/2	3,661.56	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,848.49	3/4	3,121.40	3/4	3,394.32	3/4	3,667.24	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
7	2,854.17	7	3,127.09	7	3,400.01	7	3,672.93	7		7		7		7		7		7	
1/4	2,859.86	1/4	3,132.78	1/4	3,405.69	1/4	3,678.61	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,865.54	1/2	3,138.46	1/2	3,411.38	1/2	3,684.30	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,871.23	3/4	3,144.15	3/4	3,417.07	3/4	3,689.98	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
8	2,876.92	8	3,149.83	8	3,422.75	8	3,695.67	8		8		8		8		8		8	
1/4	2,882.60	1/4	3,155.52	1/4	3,428.44	1/4	3,701.36	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,888.29	1/2	3,161.21	1/2	3,434.12	1/2	3,707.04	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,893.97	3/4	3,166.89	3/4	3,439.81	3/4	3,712.73	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
9	2,899.66	9	3,172.58	9	3,445.50	9	3,718.41	9		9		9		9		9		9	
1/4	2,905.34	1/4	3,178.26	1/4	3,451.18	1/4	3,724.10	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,911.03	1/2	3,183.95	1/2	3,456.87	1/2	3,729.78	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,916.72	3/4	3,189.63	3/4	3,462.55	3/4	3,735.46	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
10	2,922.40	10	3,195.32	10	3,468.24	10	3,741.14	10		10		10		10		10		10	
1/4	2,928.09	1/4	3,201.01	1/4	3,473.92	1/4	3,746.82	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,933.77	1/2	3,206.69	1/2	3,479.61	1/2	3,752.49	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,939.46	3/4	3,212.38	3/4	3,485.30	3/4	3,758.17	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	
11	2,945.15	11	3,218.06	11	3,490.98	11	3,763.84	11		11		11		11		11		11	
1/4	2,950.83	1/4	3,223.75	1/4	3,496.67	1/4	3,769.52	1/4	3,810.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,956.52	1/2	3,229.44	1/2	3,502.35	1/2	3,775.14	1/2	3,810.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,962.20	3/4	3,235.12	3/4	3,508.04	3/4	3,780.79	3/4	3,810.29	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDS
ALL PRIOR TO 10/2017

PRECISION MEASUREMENT
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