



BARGE "IB 1976"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{aligned} \text{FWD. DRAFT} &= 2.00'' \\ \text{AFT DRAFT} &= \frac{4.00''}{2} \\ \text{DIFF.} &= 2.00'' \quad (\text{DOWN BY STERN}) \end{aligned}$$

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"

September 7, 2017

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



BARGE "IB 1976"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-03 1/4"

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	242.49	0	528.49	0	810.68	0	1,094.04	0	1,379.88	0	1,665.30	0	1,951.30	0	2,237.28	0	2,523.26
1/4	2.62	1/4	248.45	1/4	534.45	1/4	816.64	1/4	1,099.99	1/4	1,385.83	1/4	1,671.26	1/4	1,957.26	1/4	2,243.24	1/4	2,529.22
1/2	6.53	1/2	254.40	1/2	540.41	1/2	822.28	1/2	1,105.99	1/2	1,391.77	1/2	1,677.22	1/2	1,963.21	1/2	2,249.20	1/2	2,535.17
3/4	3.62	3/4	260.36	3/4	546.37	3/4	828.07	3/4	1,111.90	3/4	1,397.71	3/4	1,683.18	3/4	1,969.17	3/4	2,255.15	3/4	2,541.13
1	4.61	1	266.32	1	552.33	1	833.87	1	1,117.86	1	1,403.66	1	1,689.14	1	1,975.13	1	2,261.11	1	2,547.09
1/4	6.80	1/4	272.28	1/4	558.28	1/4	839.67	1/4	1,123.81	1/4	1,409.60	1/4	1,695.09	1/4	1,981.09	1/4	2,267.07	1/4	2,553.05
1/2	8.99	1/2	278.24	1/2	564.24	1/2	845.47	1/2	1,129.72	1/2	1,415.54	1/2	1,701.05	1/2	1,987.05	1/2	2,273.03	1/2	2,559.01
3/4	11.19	3/4	284.20	3/4	570.20	3/4	851.27	3/4	1,135.72	3/4	1,421.49	3/4	1,707.01	3/4	1,993.00	3/4	2,279.02	3/4	2,564.97
2	13.38	2	290.16	2	576.16	2	857.07	2	1,141.68	2	1,427.43	2	1,712.97	2	1,999.96	2	2,284.94	2	2,570.92
1/4	17.29	1/4	296.11	1/4	582.12	1/4	862.87	1/4	1,147.63	1/4	1,433.38	1/4	1,718.93	1/4	2,004.92	1/4	2,290.90	1/4	2,576.88
1/2	21.21	1/2	302.07	1/2	588.08	1/2	868.67	1/2	1,153.59	1/2	1,439.32	1/2	1,724.89	1/2	2,010.88	1/2	2,296.85	1/2	2,582.84
3/4	25.12	3/4	308.03	3/4	594.03	3/4	874.47	3/4	1,159.54	3/4	1,445.26	3/4	1,730.84	3/4	2,016.84	3/4	2,302.81	3/4	2,588.80
3	29.04	3	313.99	3	599.99	3	880.27	3	1,165.50	3	1,451.21	3	1,736.80	3	2,022.80	3	2,308.77	3	2,594.76
1/4	34.69	1/4	319.95	1/4	605.95	1/4	886.07	1/4	1,171.45	1/4	1,457.15	1/4	1,742.76	1/4	2,028.75	1/4	2,314.73	1/4	2,600.71
1/2	40.35	1/2	325.91	1/2	611.91	1/2	891.87	1/2	1,177.41	1/2	1,463.10	1/2	1,748.72	1/2	2,034.71	1/2	2,320.68	1/2	2,606.67
3/4	46.00	3/4	331.86	3/4	617.87	3/4	897.67	3/4	1,183.36	3/4	1,469.04	3/4	1,754.68	3/4	2,040.67	3/4	2,326.64	3/4	2,612.63
5	51.65	5	337.82	5	623.83	5	903.47	5	1,189.32	5	1,474.98	5	1,760.63	5	2,046.63	5	2,332.60	5	2,618.59
1/4	57.61	1/4	343.78	1/4	629.78	1/4	909.43	1/4	1,195.27	1/4	1,480.93	1/4	1,766.59	1/4	2,052.59	1/4	2,338.56	1/4	2,624.55
1/2	63.56	1/2	349.74	1/2	635.74	1/2	915.38	1/2	1,201.23	1/2	1,486.87	1/2	1,772.55	1/2	2,058.54	1/2	2,344.51	1/2	2,630.51
3/4	69.52	3/4	355.70	3/4	641.70	3/4	921.34	3/4	1,207.18	3/4	1,492.82	3/4	1,778.51	3/4	2,064.50	3/4	2,350.47	3/4	2,636.46
5	75.48	5	361.66	5	647.66	5	927.29	5	1,213.14	5	1,498.76	5	1,784.47	5	2,070.46	5	2,356.43	5	2,642.42
1/4	81.44	1/4	367.62	1/4	653.62	1/4	933.25	1/4	1,219.09	1/4	1,504.70	1/4	1,790.43	1/4	2,076.42	1/4	2,362.39	1/4	2,648.38
1/2	87.41	1/2	373.57	1/2	659.58	1/2	939.20	1/2	1,225.05	1/2	1,510.65	1/2	1,796.38	1/2	2,082.38	1/2	2,368.35	1/2	2,654.34
3/4	93.38	3/4	379.53	3/4	665.54	3/4	945.16	3/4	1,231.00	3/4	1,516.59	3/4	1,802.34	3/4	2,088.34	3/4	2,374.30	3/4	2,660.30
5	99.35	5	385.49	5	671.49	5	951.11	5	1,236.96	5	1,522.54	5	1,808.30	5	2,094.29	5	2,380.26	5	2,666.26
1/4	105.32	1/4	391.45	1/4	677.45	1/4	957.07	1/4	1,242.81	1/4	1,528.48	1/4	1,814.26	1/4	2,100.25	1/4	2,386.22	1/4	2,672.21
1/2	111.29	1/2	397.41	1/2	683.09	1/2	963.02	1/2	1,248.67	1/2	1,534.42	1/2	1,820.22	1/2	2,106.21	1/2	2,392.18	1/2	2,678.17
3/4	117.26	3/4	403.37	3/4	688.89	3/4	968.98	3/4	1,254.52	3/4	1,540.37	3/4	1,826.17	3/4	2,112.17	3/4	2,398.14	3/4	2,684.13
5	123.23	5	409.32	5	694.69	5	974.93	5	1,260.38	5	1,546.31	5	1,832.13	5	2,118.13	5	2,404.09	5	2,690.09
1/4	129.20	1/4	415.28	1/4	700.49	1/4	980.89	1/4	1,266.23	1/4	1,552.25	1/4	1,838.09	1/4	2,124.08	1/4	2,410.05	1/4	2,696.05
1/2	135.16	1/2	421.24	1/2	706.29	1/2	986.85	1/2	1,272.09	1/2	1,558.20	1/2	1,844.05	1/2	2,130.04	1/2	2,416.01	1/2	2,702.00
3/4	141.13	3/4	427.20	3/4	712.09	3/4	992.80	3/4	1,278.04	3/4	1,564.14	3/4	1,850.01	3/4	2,136.00	3/4	2,421.97	3/4	2,707.96
5	147.09	5	433.16	5	717.89	5	998.76	5	1,284.00	5	1,570.09	5	1,855.97	5	2,141.96	5	2,427.93	5	2,713.92
1/4	153.05	1/4	439.12	1/4	723.69	1/4	1,004.71	1/4	1,290.56	1/4	1,576.03	1/4	1,861.92	1/4	2,147.92	1/4	2,433.89	1/4	2,719.88
1/2	159.01	1/2	445.07	1/2	729.49	1/2	1,010.67	1/2	1,296.51	1/2	1,581.97	1/2	1,867.88	1/2	2,153.88	1/2	2,439.84	1/2	2,725.84
3/4	164.97	3/4	451.03	3/4	735.29	3/4	1,016.62	3/4	1,302.47	3/4	1,587.92	3/4	1,873.84	3/4	2,159.83	3/4	2,445.80	3/4	2,731.80
5	170.93	5	456.99	5	741.09	5	1,022.58	5	1,308.42	5	1,593.86	5	1,879.80	5	2,165.79	5	2,451.76	5	2,737.75
1/4	176.90	1/4	462.95	1/4	746.88	1/4	1,028.53	1/4	1,314.38	1/4	1,599.81	1/4	1,885.76	1/4	2,171.75	1/4	2,457.72	1/4	2,743.71
1/2	182.86	1/2	468.91	1/2	752.68	1/2	1,034.49	1/2	1,320.33	1/2	1,605.75	1/2	1,891.71	1/2	2,177.71	1/2	2,463.68	1/2	2,749.67
3/4	188.83	3/4	474.87	3/4	758.48	3/4	1,040.44	3/4	1,326.29	3/4	1,611.69	3/4	1,897.67	3/4	2,183.66	3/4	2,469.63	3/4	2,755.63
5	194.79	5	480.82	5	764.28	5	1,046.40	5	1,332.24	5	1,617.64	5	1,903.62	5	2,189.62	5	2,475.59	5	2,761.59
1/4	200.76	1/4	486.78	1/4	770.08	1/4	1,052.35	1/4	1,338.20	1/4	1,623.60	1/4	1,909.59	1/4	2,195.58	1/4	2,481.55	1/4	2,767.54
1/2	206.72	1/2	492.74	1/2	775.88	1/2	1,058.31	1/2	1,344.15	1/2	1,629.55	1/2	1,915.55	1/2	2,201.54	1/2	2,487.51	1/2	2,773.50
3/4	212.69	3/4	498.70	3/4	781.68	3/4	1,064.26	3/4	1,350.11	3/4	1,635.51	3/4	1,921.51	3/4	2,207.49	3/4	2,493.47	3/4	2,779.46
5	218.65	5	504.66	5	787.48	5	1,070.22	5	1,356.06	5	1,641.47	5	1,927.46	5	2,213.45	5	2,499.43	5	2,785.42
1/4	224.61	1/4	510.62	1/4	793.28	1/4	1,076.17	1/4	1,362.02	1/4	1,647.43	1/4	1,933.44	1/4	2,219.41	1/4	2,505.38	1/4	2,791.39
1/2	230.57	1/2	516.58	1/2	799.08	1/2	1,082.13	1/2	1,367.97	1/2	1,653.39	1/2	1,939.38	1/2	2,225.37	1/2	2,511.34	1/2	2,797.36
3/4	236.53	3/4	522.53	3/4	804.88	3/4	1,088.08	3/4	1,373.93	3/4	1,659.34	3/4	1,945.34	3/4	2,231.32	3/4	2,517.30	3/4	2,803.33

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 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "IB 1976"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,809.30	0	3,062.95	0	3,247.35	0	3,432.61	0	3,617.67	0	3,802.94	0	3,988.22	0	4,173.50	0	4,358.78	0	4,544.06
1/4	2,815.27	1/4	3,066.95	1/4	3,251.21	1/4	3,436.46	1/4	3,621.71	1/4	3,807.24	1/4	3,992.77	1/4	4,178.30	1/4	4,363.83	1/4	4,549.36
1/2	2,821.24	1/2	3,069.81	1/2	3,255.07	1/2	3,440.32	1/2	3,624.22	1/2	3,809.12	1/2	3,994.63	1/2	4,179.14	1/2	4,364.65	1/2	4,550.17
3/4	2,827.21	3/4	3,073.67	3/4	3,258.93	3/4	3,444.18	3/4	3,627.50	3/4	3,812.78	3/4	3,997.29	3/4	4,180.81	3/4	4,367.80	3/4	4,553.30
1	2,833.18	1	3,077.53	1	3,262.79	1	3,448.04	1	3,632.15	1	3,816.90	1	3,999.81	1	4,183.82	1	4,370.74	1	4,556.22
1/4	2,839.15	1/4	3,081.39	1/4	3,266.55	1/4	3,451.90	1/4	3,635.15	1/4	3,819.90	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,845.12	1/2	3,085.25	1/2	3,270.51	1/2	3,455.76	1/2	3,638.92	1/2	3,823.76	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,851.09	3/4	3,089.11	3/4	3,274.37	3/4	3,459.62	3/4	3,642.78	3/4	3,827.62	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
2	2,857.06	2	3,092.97	2	3,278.23	2	3,463.48	2	3,646.27	2	3,831.46	2	3,999.81	2	4,183.82	2	4,370.74	2	4,556.22
1/4	2,863.03	1/4	3,096.83	1/4	3,282.08	1/4	3,467.34	1/4	3,649.76	1/4	3,835.30	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,869.00	1/2	3,100.69	1/2	3,285.94	1/2	3,471.20	1/2	3,653.25	1/2	3,839.16	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,874.97	3/4	3,104.55	3/4	3,289.80	3/4	3,475.06	3/4	3,657.14	3/4	3,843.02	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
3	2,880.94	3	3,108.41	3	3,293.66	3	3,478.92	3	3,661.02	3	3,846.88	3	3,999.81	3	4,183.82	3	4,370.74	3	4,556.22
1/4	2,886.91	1/4	3,112.27	1/4	3,297.52	1/4	3,482.78	1/4	3,664.48	1/4	3,850.74	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,892.88	1/2	3,116.13	1/2	3,301.38	1/2	3,486.64	1/2	3,668.40	1/2	3,854.60	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,898.85	3/4	3,119.99	3/4	3,305.24	3/4	3,490.50	3/4	3,672.24	3/4	3,858.46	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
4	2,904.82	4	3,123.85	4	3,309.10	4	3,494.36	4	3,676.02	4	3,862.32	4	3,999.81	4	4,183.82	4	4,370.74	4	4,556.22
1/4	2,910.79	1/4	3,127.70	1/4	3,312.96	1/4	3,498.22	1/4	3,679.88	1/4	3,866.18	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,916.76	1/2	3,131.56	1/2	3,316.82	1/2	3,502.08	1/2	3,683.74	1/2	3,870.04	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,922.73	3/4	3,135.42	3/4	3,320.68	3/4	3,505.94	3/4	3,687.60	3/4	3,873.90	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
5	2,928.70	5	3,139.28	5	3,324.54	5	3,509.80	5	3,691.46	5	3,877.76	5	3,999.81	5	4,183.82	5	4,370.74	5	4,556.22
1/4	2,934.67	1/4	3,143.14	1/4	3,328.40	1/4	3,513.65	1/4	3,695.32	1/4	3,881.62	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,940.64	1/2	3,147.00	1/2	3,332.26	1/2	3,517.51	1/2	3,699.18	1/2	3,885.48	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,946.61	3/4	3,150.86	3/4	3,336.12	3/4	3,521.37	3/4	3,703.04	3/4	3,889.34	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
6	2,952.58	6	3,154.72	6	3,339.98	6	3,525.23	6	3,706.90	6	3,893.20	6	3,999.81	6	4,183.82	6	4,370.74	6	4,556.22
1/4	2,958.55	1/4	3,158.58	1/4	3,343.84	1/4	3,529.09	1/4	3,710.76	1/4	3,897.06	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,964.52	1/2	3,162.44	1/2	3,347.70	1/2	3,532.95	1/2	3,714.62	1/2	3,900.92	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,970.49	3/4	3,166.30	3/4	3,351.56	3/4	3,536.81	3/4	3,718.48	3/4	3,904.78	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
7	2,976.46	7	3,170.16	7	3,355.42	7	3,540.67	7	3,722.34	7	3,908.64	7	3,999.81	7	4,183.82	7	4,370.74	7	4,556.22
1/4	2,982.43	1/4	3,174.02	1/4	3,359.27	1/4	3,544.53	1/4	3,726.20	1/4	3,912.50	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	2,988.40	1/2	3,177.88	1/2	3,363.13	1/2	3,548.39	1/2	3,730.06	1/2	3,916.36	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	2,994.37	3/4	3,181.74	3/4	3,366.99	3/4	3,552.25	3/4	3,733.92	3/4	3,920.22	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
8	3,000.34	8	3,185.60	8	3,370.85	8	3,556.11	8	3,737.78	8	3,924.08	8	3,999.81	8	4,183.82	8	4,370.74	8	4,556.22
1/4	3,004.20	1/4	3,189.46	1/4	3,374.71	1/4	3,559.97	1/4	3,741.64	1/4	3,927.94	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	3,008.06	1/2	3,193.32	1/2	3,378.57	1/2	3,563.83	1/2	3,745.50	1/2	3,931.80	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	3,011.92	3/4	3,197.18	3/4	3,382.43	3/4	3,567.69	3/4	3,749.36	3/4	3,935.66	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
9	3,015.78	9	3,201.04	9	3,386.29	9	3,571.55	9	3,753.22	9	3,939.52	9	3,999.81	9	4,183.82	9	4,370.74	9	4,556.22
1/4	3,019.64	1/4	3,204.89	1/4	3,390.15	1/4	3,575.41	1/4	3,757.08	1/4	3,943.38	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	3,023.50	1/2	3,208.75	1/2	3,394.01	1/2	3,579.27	1/2	3,760.94	1/2	3,947.24	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	3,027.36	3/4	3,212.61	3/4	3,397.87	3/4	3,583.13	3/4	3,764.80	3/4	3,951.10	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
10	3,031.22	10	3,216.47	10	3,401.73	10	3,586.98	10	3,768.66	10	3,954.96	10	3,999.81	10	4,183.82	10	4,370.74	10	4,556.22
1/4	3,035.08	1/4	3,220.33	1/4	3,405.59	1/4	3,590.83	1/4	3,772.52	1/4	3,958.82	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	3,038.94	1/2	3,224.19	1/2	3,409.45	1/2	3,594.68	1/2	3,776.38	1/2	3,962.68	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	3,042.80	3/4	3,228.05	3/4	3,413.31	3/4	3,598.53	3/4	3,780.24	3/4	3,966.54	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22
11	3,046.66	11	3,231.91	11	3,417.17	11	3,602.38	11	3,784.10	11	3,970.40	11	3,999.81	11	4,183.82	11	4,370.74	11	4,556.22
1/4	3,050.51	1/4	3,235.77	1/4	3,421.03	1/4	3,606.20	1/4	3,787.96	1/4	3,974.26	1/4	3,999.81	1/4	4,183.82	1/4	4,370.74	1/4	4,556.22
1/2	3,054.37	1/2	3,239.63	1/2	3,424.89	1/2	3,610.02	1/2	3,791.82	1/2	3,978.12	1/2	3,999.81	1/2	4,183.82	1/2	4,370.74	1/2	4,556.22
3/4	3,058.23	3/4	3,243.49	3/4	3,428.75	3/4	3,613.84	3/4	3,795.68	3/4	3,981.98	3/4	3,999.81	3/4	4,183.82	3/4	4,370.74	3/4	4,556.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/07/2017 CL
 CALCULATED: 09/08/2017 CL
 PRINTED: 09/08/2017 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2017

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



BARGE "IB 1976"

2 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	0.62	0	240.19	0	514.28	0	744.36	0	1,055.79	0	1,329.99	0	1,604.01	0	1,878.12	0	2,152.23	0	2,426.34
1/4	1.58	1/4	245.90	1/4	519.99	1/4	759.94	1/4	1,061.50	1/4	1,335.61	1/4	1,609.72	1/4	1,883.83	1/4	2,157.94	1/4	2,432.05
1/2	2.53	1/2	251.61	1/2	525.71	1/2	765.44	1/2	1,067.21	1/2	1,341.32	1/2	1,615.43	1/2	1,889.54	1/2	2,163.65	1/2	2,437.76
3/4	3.48	3/4	257.32	3/4	531.42	3/4	770.99	3/4	1,072.92	3/4	1,347.03	3/4	1,621.14	3/4	1,895.25	3/4	2,169.36	3/4	2,443.47
1	4.43	1	263.03	1	537.13	1	776.53	1	1,078.64	1	1,352.74	1	1,626.85	1	1,900.96	1	2,175.07	1	2,449.18
1/4	7.29	1/4	268.74	1/4	542.84	1/4	781.61	1/4	1,084.35	1/4	1,358.45	1/4	1,632.56	1/4	1,906.67	1/4	2,180.78	1/4	2,454.89
1/2	10.14	1/2	274.45	1/2	548.55	1/2	787.61	1/2	1,090.06	1/2	1,364.17	1/2	1,638.28	1/2	1,912.38	1/2	2,186.49	1/2	2,460.60
3/4	13.00	3/4	280.16	3/4	554.26	3/4	793.16	3/4	1,095.57	3/4	1,369.88	3/4	1,643.98	3/4	1,918.09	3/4	2,192.20	3/4	2,466.31
1	15.85	1	285.87	1	559.97	1	800.09	1	1,101.48	1	1,375.59	1	1,649.70	1	1,923.80	1	2,197.91	1	2,472.02
1/4	20.61	1/4	291.58	1/4	565.68	1/4	805.82	1/4	1,107.19	1/4	1,381.30	1/4	1,655.41	1/4	1,929.51	1/4	2,203.62	1/4	2,477.73
1/2	25.36	1/2	297.29	1/2	571.39	1/2	809.79	1/2	1,112.90	1/2	1,387.01	1/2	1,661.12	1/2	1,935.23	1/2	2,209.33	1/2	2,483.44
3/4	30.12	3/4	303.00	3/4	577.10	3/4	815.33	3/4	1,118.61	3/4	1,392.72	3/4	1,666.83	3/4	1,940.94	3/4	2,215.04	3/4	2,489.15
1	34.88	1	308.71	1	582.81	1	820.88	1	1,124.32	1	1,398.43	1	1,672.54	1	1,946.65	1	2,220.76	1	2,494.86
1/4	40.54	1/4	314.42	1/4	588.52	1/4	826.42	1/4	1,130.03	1/4	1,404.14	1/4	1,678.25	1/4	1,952.36	1/4	2,226.47	1/4	2,500.57
1/2	46.20	1/2	320.13	1/2	594.23	1/2	832.48	1/2	1,135.74	1/2	1,409.85	1/2	1,683.96	1/2	1,958.07	1/2	2,232.18	1/2	2,506.29
3/4	51.86	3/4	325.84	3/4	599.94	3/4	838.53	3/4	1,141.45	3/4	1,415.56	3/4	1,689.67	3/4	1,963.78	3/4	2,237.89	3/4	2,512.00
1	57.52	1	331.55	1	605.65	1	844.48	1	1,147.16	1	1,421.27	1	1,695.38	1	1,969.49	1	2,243.50	1	2,517.71
1/4	63.22	1/4	337.26	1/4	611.36	1/4	849.52	1/4	1,152.87	1/4	1,426.98	1/4	1,701.09	1/4	1,975.20	1/4	2,249.31	1/4	2,523.42
1/2	68.91	1/2	342.97	1/2	617.07	1/2	854.56	1/2	1,158.58	1/2	1,432.69	1/2	1,706.80	1/2	1,980.91	1/2	2,255.02	1/2	2,529.13
3/4	74.61	3/4	348.68	3/4	622.78	3/4	859.59	3/4	1,164.29	3/4	1,438.40	3/4	1,712.51	3/4	1,986.62	3/4	2,260.73	3/4	2,534.84
1	80.31	1	354.39	1	628.20	1	864.48	1	1,170.01	1	1,444.11	1	1,718.22	1	1,992.33	1	2,266.44	1	2,540.55
1/4	86.01	1/4	360.10	1/4	634.20	1/4	869.42	1/4	1,175.72	1/4	1,449.82	1/4	1,723.93	1/4	1,998.04	1/4	2,272.15	1/4	2,546.26
1/2	91.72	1/2	365.81	1/2	639.91	1/2	874.36	1/2	1,181.43	1/2	1,455.54	1/2	1,729.64	1/2	2,003.75	1/2	2,277.86	1/2	2,551.97
3/4	97.43	3/4	371.52	3/4	645.62	3/4	879.30	3/4	1,187.14	3/4	1,461.25	3/4	1,735.35	3/4	2,009.46	3/4	2,283.57	3/4	2,557.68
1	103.14	1	377.23	1	651.33	1	884.28	1	1,192.85	1	1,466.96	1	1,741.07	1	2,015.17	1	2,289.28	1	2,563.39
1/4	108.85	1/4	382.95	1/4	656.88	1/4	889.22	1/4	1,198.56	1/4	1,472.67	1/4	1,746.78	1/4	2,020.88	1/4	2,294.99	1/4	2,569.10
1/2	114.56	1/2	388.66	1/2	662.42	1/2	894.16	1/2	1,204.27	1/2	1,478.38	1/2	1,752.49	1/2	2,026.60	1/2	2,300.70	1/2	2,574.81
3/4	120.27	3/4	394.37	3/4	667.96	3/4	899.10	3/4	1,209.98	3/4	1,484.09	3/4	1,758.20	3/4	2,032.31	3/4	2,306.41	3/4	2,580.52
1	125.98	1	400.08	1	673.50	1	904.04	1	1,215.69	1	1,489.80	1	1,763.91	1	2,038.02	1	2,312.13	1	2,586.23
1/4	131.69	1/4	405.79	1/4	679.05	1/4	908.98	1/4	1,221.40	1/4	1,495.51	1/4	1,769.62	1/4	2,043.73	1/4	2,317.84	1/4	2,591.94
1/2	137.40	1/2	411.50	1/2	684.59	1/2	914.02	1/2	1,227.11	1/2	1,501.22	1/2	1,775.33	1/2	2,049.44	1/2	2,323.55	1/2	2,597.66
3/4	143.11	3/4	417.21	3/4	690.13	3/4	919.06	3/4	1,232.82	3/4	1,506.93	3/4	1,781.04	3/4	2,055.15	3/4	2,329.26	3/4	2,603.37
1	148.82	1	422.92	1	695.68	1	924.10	1	1,238.53	1	1,512.64	1	1,786.75	1	2,060.86	1	2,334.97	1	2,609.08
1/4	154.53	1/4	428.63	1/4	701.22	1/4	929.14	1/4	1,244.24	1/4	1,518.35	1/4	1,792.46	1/4	2,066.57	1/4	2,340.68	1/4	2,614.79
1/2	160.24	1/2	434.34	1/2	706.76	1/2	934.18	1/2	1,249.95	1/2	1,524.06	1/2	1,798.17	1/2	2,072.28	1/2	2,346.39	1/2	2,620.50
3/4	165.95	3/4	440.05	3/4	712.30	3/4	939.12	3/4	1,255.66	3/4	1,529.77	3/4	1,803.88	3/4	2,077.99	3/4	2,352.10	3/4	2,626.21
1	171.66	1	445.76	1	717.85	1	944.06	1	1,261.27	1	1,535.48	1	1,809.59	1	2,083.70	1	2,357.81	1	2,631.92
1/4	177.37	1/4	451.47	1/4	723.39	1/4	948.99	1/4	1,267.09	1/4	1,541.19	1/4	1,815.30	1/4	2,089.41	1/4	2,363.52	1/4	2,637.63
1/2	183.08	1/2	457.18	1/2	728.93	1/2	953.93	1/2	1,272.80	1/2	1,546.90	1/2	1,821.01	1/2	2,095.12	1/2	2,369.23	1/2	2,643.34
3/4	188.79	3/4	462.89	3/4	734.47	3/4	958.87	3/4	1,278.51	3/4	1,552.62	3/4	1,826.72	3/4	2,100.83	3/4	2,374.94	3/4	2,649.05
1	194.50	1	468.60	1	740.02	1	963.80	1	1,284.22	1	1,558.33	1	1,832.43	1	2,106.54	1	2,380.65	1	2,654.76
1/4	200.21	1/4	474.31	1/4	745.56	1/4	968.77	1/4	1,289.93	1/4	1,564.04	1/4	1,838.15	1/4	2,112.25	1/4	2,386.36	1/4	2,660.47
1/2	205.92	1/2	480.02	1/2	751.10	1/2	973.71	1/2	1,295.64	1/2	1,569.75	1/2	1,843.86	1/2	2,117.96	1/2	2,392.07	1/2	2,666.18
3/4	211.63	3/4	485.73	3/4	756.65	3/4	978.50	3/4	1,301.35	3/4	1,575.46	3/4	1,849.57	3/4	2,123.68	3/4	2,397.78	3/4	2,671.89
1	217.34	1	491.44	1	762.19	1	983.29	1	1,307.06	1	1,581.17	1	1,855.28	1	2,129.39	1	2,403.49	1	2,677.60
1/4	223.05	1/4	497.15	1/4	767.73	1/4	988.16	1/4	1,312.77	1/4	1,586.88	1/4	1,860.99	1/4	2,135.10	1/4	2,409.21	1/4	2,683.31
1/2	228.76	1/2	502.86	1/2	773.27	1/2	993.05	1/2	1,318.48	1/2	1,592.59	1/2	1,866.70	1/2	2,140.81	1/2	2,414.92	1/2	2,689.02
3/4	234.47	3/4	508.57	3/4	778.82	3/4	997.94	3/4	1,324.19	3/4	1,598.30	3/4	1,872.41	3/4	2,146.52	3/4	2,420.63	3/4	2,694.74

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPM'S CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE ONLY APPLIES 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 3'-06" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1976"

2 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	2,700.45	0	2,974.55	0	3,248.66	0	3,522.77	0	3,796.71	0	4,070.65	0	4,344.59	0	4,618.53	0	4,892.47	0	5,166.41	0	
1/4	2,706.16	1/4	2,980.27	1/4	3,254.37	1/4	3,528.48	1/4	3,802.59	1/4	4,076.70	1/4	4,350.81	1/4	4,624.92	1/4	4,899.03	1/4	5,173.14	1/4	5,447.25
1/2	2,711.87	1/2	2,985.98	1/2	3,260.08	1/2	3,534.19	1/2	3,807.02	1/2	4,080.85	1/2	4,354.96	1/2	4,629.07	1/2	4,903.18	1/2	5,177.29	1/2	5,451.40
3/4	2,717.58	3/4	2,991.69	3/4	3,265.80	3/4	3,539.90	3/4	3,812.17	3/4	4,086.30	3/4	4,360.41	3/4	4,634.52	3/4	4,908.63	3/4	5,182.74	3/4	5,456.85
1	2,723.29	1	2,997.40	1	3,271.51	1	3,545.61	1	3,817.33	1	4,092.15	1	4,366.26	1	4,640.37	1	4,914.48	1	5,188.59	1	5,462.90
1 1/4	2,729.00	1 1/4	3,003.11	1 1/4	3,277.22	1 1/4	3,551.33	1 1/4	3,820.66	1 1/4	4,098.00	1 1/4	4,371.91	1 1/4	4,645.82	1 1/4	4,919.73	1 1/4	5,194.44	1 1/4	5,468.61
1 1/2	2,734.71	1 1/2	3,008.82	1 1/2	3,282.93	1 1/2	3,557.04	1 1/2	3,826.99	1 1/2	4,104.32	1 1/2	4,377.63	1 1/2	4,651.74	1 1/2	4,925.85	1 1/2	5,200.16	1 1/2	5,474.27
3/4	2,740.42	3/4	3,014.53	3/4	3,288.64	3/4	3,562.75	3/4	3,831.32	3/4	4,109.63	3/4	4,382.94	3/4	4,657.05	3/4	4,931.16	3/4	5,205.47	3/4	5,479.58
2	2,746.13	2	3,020.24	2	3,294.35	2	3,568.46	2	3,836.65	2	4,114.96	2	4,388.07	2	4,662.18	2	4,936.29	2	5,210.78	2	5,485.19
1/4	2,751.84	1/4	3,025.95	1/4	3,300.06	1/4	3,574.17	1/4	3,841.08	1/4	4,119.29	1/4	4,393.40	1/4	4,667.51	1/4	4,941.62	1/4	5,216.10	1/4	5,490.60
1/2	2,757.55	1/2	3,031.66	1/2	3,305.77	1/2	3,579.88	1/2	3,846.39	1/2	4,124.60	1/2	4,401.91	1/2	4,675.02	1/2	4,947.13	1/2	5,221.48	1/2	5,495.91
3/4	2,763.26	3/4	3,037.37	3/4	3,311.48	3/4	3,585.59	3/4	3,851.70	3/4	4,129.91	3/4	4,407.22	3/4	4,680.33	3/4	4,952.44	3/4	5,226.85	3/4	5,501.12
3	2,768.97	3	3,043.08	3	3,317.19	3	3,591.30	3	3,857.01	3	4,135.22	3	4,412.53	3	4,686.64	3	4,956.75	3	5,232.16	3	5,506.43
1/4	2,774.68	1/4	3,048.79	1/4	3,322.90	1/4	3,597.01	1/4	3,862.72	1/4	4,140.54	1/4	4,417.85	1/4	4,691.96	1/4	4,962.07	1/4	5,237.17	1/4	5,511.74
1/2	2,780.39	1/2	3,054.50	1/2	3,328.61	1/2	3,602.72	1/2	3,868.03	1/2	4,145.85	1/2	4,423.16	1/2	4,697.27	1/2	4,967.38	1/2	5,242.48	1/2	5,517.05
3/4	2,786.10	3/4	3,060.21	3/4	3,334.32	3/4	3,608.43	3/4	3,873.34	3/4	4,151.17	3/4	4,428.48	3/4	4,702.59	3/4	4,972.70	3/4	5,247.79	3/4	5,522.36
4	2,791.82	4	3,065.92	4	3,340.03	4	3,614.14	4	3,878.65	4	4,156.48	4	4,433.79	4	4,707.90	4	4,978.01	4	5,253.10	4	5,527.67
1/4	2,797.53	1/4	3,071.63	1/4	3,345.74	1/4	3,619.85	1/4	3,883.96	1/4	4,161.79	1/4	4,439.10	1/4	4,713.21	1/4	4,983.32	1/4	5,258.41	1/4	5,532.98
1/2	2,803.24	1/2	3,077.35	1/2	3,351.45	1/2	3,625.56	1/2	3,889.27	1/2	4,167.10	1/2	4,444.41	1/2	4,718.52	1/2	4,988.63	1/2	5,263.72	1/2	5,538.29
3/4	2,808.95	3/4	3,083.06	3/4	3,357.16	3/4	3,631.27	3/4	3,894.58	3/4	4,172.41	3/4	4,449.72	3/4	4,723.83	3/4	4,993.94	3/4	5,269.03	3/4	5,543.56
5	2,814.66	5	3,088.77	5	3,362.88	5	3,636.98	5	3,899.89	5	4,177.72	5	4,455.03	5	4,729.14	5	4,999.25	5	5,274.34	5	5,548.87
1/4	2,820.37	1/4	3,094.48	1/4	3,368.59	1/4	3,642.69	1/4	3,905.20	1/4	4,183.03	1/4	4,460.34	1/4	4,734.45	1/4	5,004.56	1/4	5,279.65	1/4	5,554.18
1/2	2,826.08	1/2	3,100.19	1/2	3,374.30	1/2	3,648.41	1/2	3,910.51	1/2	4,188.34	1/2	4,465.65	1/2	4,739.76	1/2	5,009.87	1/2	5,284.96	1/2	5,559.49
3/4	2,831.79	3/4	3,105.90	3/4	3,380.01	3/4	3,654.12	3/4	3,915.82	3/4	4,193.65	3/4	4,470.96	3/4	4,745.07	3/4	5,015.18	3/4	5,290.27	3/4	5,564.80
6	2,837.50	6	3,111.61	6	3,385.72	6	3,659.83	6	3,921.13	6	4,198.96	6	4,476.27	6	4,750.38	6	5,020.49	6	5,295.58	6	5,570.11
1/4	2,843.21	1/4	3,117.32	1/4	3,391.43	1/4	3,665.54	1/4	3,926.44	1/4	4,204.27	1/4	4,481.58	1/4	4,755.69	1/4	5,025.80	1/4	5,300.89	1/4	5,575.42
1/2	2,848.92	1/2	3,123.03	1/2	3,397.14	1/2	3,671.25	1/2	3,931.75	1/2	4,209.58	1/2	4,486.89	1/2	4,760.90	1/2	5,031.11	1/2	5,306.20	1/2	5,580.73
3/4	2,854.63	3/4	3,128.74	3/4	3,402.85	3/4	3,676.96	3/4	3,937.06	3/4	4,214.90	3/4	4,492.20	3/4	4,766.21	3/4	5,036.42	3/4	5,311.49	3/4	5,585.84
7	2,860.34	7	3,134.45	7	3,408.56	7	3,682.67	7	3,942.37	7	4,220.21	7	4,497.51	7	4,771.52	7	5,041.73	7	5,316.78	7	5,590.95
1/4	2,866.05	1/4	3,140.16	1/4	3,414.27	1/4	3,688.38	1/4	3,947.68	1/4	4,225.52	1/4	4,502.82	1/4	4,776.83	1/4	5,047.04	1/4	5,321.99	1/4	5,601.06
1/2	2,871.76	1/2	3,145.87	1/2	3,419.98	1/2	3,694.09	1/2	3,952.99	1/2	4,230.83	1/2	4,508.13	1/2	4,782.14	1/2	5,052.35	1/2	5,327.20	1/2	5,606.17
3/4	2,877.47	3/4	3,151.58	3/4	3,425.69	3/4	3,699.80	3/4	3,958.30	3/4	4,236.14	3/4	4,513.44	3/4	4,787.45	3/4	5,057.66	3/4	5,332.51	3/4	5,611.28
8	2,883.19	8	3,157.29	8	3,431.40	8	3,705.51	8	3,963.61	8	4,241.45	8	4,518.75	8	4,792.76	8	5,062.97	8	5,337.82	8	5,616.39
1/4	2,888.90	1/4	3,163.00	1/4	3,437.11	1/4	3,711.22	1/4	3,968.92	1/4	4,246.76	1/4	4,524.06	1/4	4,800.07	1/4	5,068.28	1/4	5,343.13	1/4	5,621.50
1/2	2,894.61	1/2	3,168.72	1/2	3,442.82	1/2	3,716.93	1/2	3,974.23	1/2	4,252.07	1/2	4,529.37	1/2	4,805.38	1/2	5,073.59	1/2	5,348.44	1/2	5,626.61
3/4	2,900.32	3/4	3,174.43	3/4	3,448.53	3/4	3,722.64	3/4	3,979.54	3/4	4,257.41	3/4	4,534.71	3/4	4,810.69	3/4	5,078.90	3/4	5,353.75	3/4	5,631.72
9	2,906.03	9	3,180.14	9	3,454.24	9	3,728.35	9	3,985.25	9	4,262.72	9	4,540.02	9	4,815.90	9	5,084.21	9	5,359.06	9	5,636.83
1/4	2,911.74	1/4	3,185.85	1/4	3,459.96	1/4	3,734.07	1/4	3,990.96	1/4	4,268.03	1/4	4,545.33	1/4	4,821.21	1/4	5,089.52	1/4	5,364.37	1/4	5,641.94
1/2	2,917.45	1/2	3,191.56	1/2	3,465.67	1/2	3,739.78	1/2	3,996.67	1/2	4,273.34	1/2	4,550.64	1/2	4,826.52	1/2	5,094.83	1/2	5,369.68	1/2	5,647.05
3/4	2,923.16	3/4	3,197.27	3/4	3,471.38	3/4	3,745.50	3/4	3,751.21	3/4	4,278.65	3/4	4,555.95	3/4	4,831.80	3/4	5,100.14	3/4	5,374.93	3/4	5,652.16
10	2,928.87	10	3,202.98	10	3,477.09	10	3,751.21	10	3,757.02	10	4,283.96	10	4,561.26	10	4,837.11	10	5,105.45	10	5,380.28	10	5,657.27
1/4	2,934.58	1/4	3,208.69	1/4	3,482.80	1/4	3,756.91	1/4	3,762.62	1/4	4,289.31	1/4	4,566.56	1/4	4,842.46	1/4	5,110.74	1/4	5,385.59	1/4	5,662.38
1/2	2,940.29	1/2	3,214.40	1/2	3,488.51	1/2	3,762.61	1/2	3,768.32	1/2	4,294.62	1/2	4,571.87	1/2	4,847.71	1/2	5,116.05	1/2	5,390.90	1/2	5,667.49
3/4	2,946.00	3/4	3,220.11	3/4	3,494.22	3/4	3,768.31	3/4	3,774.02	3/4	4,300.93	3/4	4,577.18	3/4	4,852.80	3/4	5,121.34	3/4	5,396.21	3/4	5,672.60
11	2,951.71	11	3,225.82	11	3,499.93	11	3,774.01	11	3,779.72	11	4,306.24	11	4,583.43	11	4,858.52	11	5,126.63	11	5,401.52	11	5,677.71
1/4	2,957.42	1/4	3,231.53	1/4	3,505.64	1/4	3,779.69	1/4	3,785.40	1/4	4,311.55	1/4	4,588.74	1/4	4,863.83	1/4	5,131.94	1/4	5,406.83	1/4	5,682.82
1/2	2,963.13	1/2	3,237.24	1/2	3,511.35	1/2	3,785.36	1/2	3,791.07	1/2	4,316.86	1/2	4,594.05	1/2	4,869.12						



3 CENTER INNAGE TABLE

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CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS		GAUGE HEIGHT 15'-02"																			
IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	IN	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	
0	0.53	239.36	0	512.51	0	755.39	0	1,058.39	0	1,331.55	0	1,604.71	0	1,877.87	0	2,151.02	0	2,424.18	0	2,697.34	0
1/4	1.58	245.05	1/4	518.20	1/4	761.07	1/4	1,064.08	1/4	1,337.24	1/4	1,610.40	1/4	1,883.56	1/4	2,156.72	1/4	2,429.87	1/4	2,703.03	1/4
1/2	2.52	250.74	1/2	523.89	1/2	766.75	1/2	1,069.77	1/2	1,342.93	1/2	1,616.09	1/2	1,889.25	1/2	2,162.41	1/2	2,435.56	1/2	2,708.72	1/2
3/4	3.47	256.43	3/4	529.58	3/4	802.43	3/4	1,075.46	3/4	1,348.62	3/4	1,621.78	3/4	1,894.94	3/4	2,168.10	3/4	2,441.26	3/4	2,714.42	3/4
1	4.42	262.12	1	535.27	1	808.11	1	1,081.15	1	1,354.31	1	1,627.47	1	1,900.63	1	2,173.79	1	2,446.95	1	2,720.11	1
1/4	7.27	267.81	1/4	540.96	1/4	813.79	1/4	1,086.84	1/4	1,360.00	1/4	1,633.16	1/4	1,906.32	1/4	2,179.48	1/4	2,452.64	1/4	2,725.80	1/4
1/2	10.11	273.50	1/2	546.65	1/2	819.47	1/2	1,092.54	1/2	1,365.69	1/2	1,638.85	1/2	1,912.01	1/2	2,184.17	1/2	2,458.33	1/2	2,731.49	1/2
3/4	12.96	279.19	3/4	552.34	3/4	825.15	3/4	1,098.23	3/4	1,371.38	3/4	1,644.54	3/4	1,917.70	3/4	2,189.86	3/4	2,464.02	3/4	2,737.18	3/4
1	15.80	284.88	1	558.03	1	830.83	1	1,103.92	1	1,377.08	1	1,650.23	1	1,923.39	1	2,195.55	1	2,469.71	1	2,742.87	1
1/4	20.54	290.57	1/4	563.72	1/4	836.51	1/4	1,109.61	1/4	1,382.77	1/4	1,655.92	1/4	1,929.08	1/4	2,201.24	1/4	2,475.40	1/4	2,748.56	1/4
1/2	25.28	296.26	1/2	569.41	1/2	842.20	1/2	1,115.30	1/2	1,388.46	1/2	1,661.62	1/2	1,934.77	1/2	2,207.33	1/2	2,481.09	1/2	2,754.25	1/2
3/4	30.02	301.95	3/4	575.10	3/4	847.88	3/4	1,120.99	3/4	1,394.15	3/4	1,667.31	3/4	1,940.46	3/4	2,213.62	3/4	2,486.78	3/4	2,760.00	3/4
1	34.76	307.64	1	580.79	1	853.56	1	1,126.58	1	1,399.84	1	1,673.00	1	1,946.16	1	2,219.31	1	2,492.47	1	2,765.72	1
1/4	40.40	313.33	1/4	586.48	1/4	859.24	1/4	1,132.37	1/4	1,405.53	1/4	1,678.69	1/4	1,951.85	1/4	2,225.00	1/4	2,498.16	1/4	2,771.43	1/4
1/2	46.04	319.02	1/2	592.17	1/2	864.92	1/2	1,138.06	1/2	1,411.22	1/2	1,684.38	1/2	1,957.54	1/2	2,230.70	1/2	2,503.85	1/2	2,777.18	1/2
3/4	51.69	324.72	3/4	597.86	3/4	870.60	3/4	1,143.75	3/4	1,416.91	3/4	1,690.07	3/4	1,963.23	3/4	2,236.39	3/4	2,509.54	3/4	2,782.93	3/4
1	57.33	330.41	1	603.55	1	876.29	1	1,149.44	1	1,422.60	1	1,695.76	1	1,968.92	1	2,242.08	1	2,515.24	1	2,788.68	1
1/4	63.00	336.10	1/4	609.25	1/4	881.98	1/4	1,155.13	1/4	1,428.29	1/4	1,701.45	1/4	1,974.61	1/4	2,247.77	1/4	2,520.93	1/4	2,794.43	1/4
1/2	68.68	341.79	1/2	614.94	1/2	887.67	1/2	1,160.83	1/2	1,433.98	1/2	1,707.14	1/2	1,980.30	1/2	2,253.46	1/2	2,526.62	1/2	2,800.18	1/2
3/4	74.36	347.48	3/4	620.63	3/4	893.36	3/4	1,166.52	3/4	1,439.67	3/4	1,712.83	3/4	1,985.99	3/4	2,259.15	3/4	2,532.31	3/4	2,805.93	3/4
1	80.03	353.17	1	626.32	1	899.05	1	1,172.21	1	1,445.37	1	1,718.52	1	1,991.68	1	2,264.84	1	2,538.00	1	2,811.68	1
1/4	85.72	358.86	1/4	632.01	1/4	904.74	1/4	1,177.90	1/4	1,451.06	1/4	1,724.21	1/4	1,997.37	1/4	2,270.53	1/4	2,543.69	1/4	2,817.43	1/4
1/2	91.41	364.55	1/2	637.70	1/2	910.43	1/2	1,183.59	1/2	1,456.75	1/2	1,729.91	1/2	2,003.06	1/2	2,276.22	1/2	2,549.38	1/2	2,823.18	1/2
3/4	97.10	370.24	3/4	643.39	3/4	916.12	3/4	1,189.28	3/4	1,462.44	3/4	1,735.60	3/4	2,008.75	3/4	2,281.91	3/4	2,555.07	3/4	2,828.93	3/4
1	102.79	375.93	1	649.08	1	921.81	1	1,194.97	1	1,468.13	1	1,741.29	1	2,014.45	1	2,287.60	1	2,560.76	1	2,834.68	1
1/4	108.48	381.62	1/4	654.76	1/4	927.50	1/4	1,200.66	1/4	1,473.82	1/4	1,746.98	1/4	2,020.14	1/4	2,293.29	1/4	2,566.45	1/4	2,840.43	1/4
1/2	114.17	387.31	1/2	660.44	1/2	933.19	1/2	1,206.35	1/2	1,479.51	1/2	1,752.67	1/2	2,025.83	1/2	2,298.98	1/2	2,572.14	1/2	2,846.18	1/2
3/4	119.86	393.00	3/4	666.12	3/4	938.88	3/4	1,212.04	3/4	1,485.20	3/4	1,758.36	3/4	2,031.52	3/4	2,304.68	3/4	2,577.83	3/4	2,851.93	3/4
1	125.55	398.69	1	671.80	1	944.57	1	1,217.73	1	1,490.89	1	1,764.05	1	2,037.21	1	2,310.37	1	2,583.53	1	2,857.68	1
1/4	131.24	404.38	1/4	677.48	1/4	950.27	1/4	1,223.42	1/4	1,496.58	1/4	1,769.74	1/4	2,042.90	1/4	2,316.06	1/4	2,589.22	1/4	2,863.43	1/4
1/2	136.93	410.07	1/2	683.16	1/2	955.96	1/2	1,229.11	1/2	1,502.27	1/2	1,775.43	1/2	2,048.59	1/2	2,321.75	1/2	2,594.91	1/2	2,869.18	1/2
3/4	142.62	415.77	3/4	688.84	3/4	961.65	3/4	1,234.81	3/4	1,507.96	3/4	1,781.12	3/4	2,054.28	3/4	2,327.44	3/4	2,600.60	3/4	2,874.93	3/4
1	148.31	421.46	1	694.52	1	967.34	1	1,240.50	1	1,513.65	1	1,786.81	1	2,059.97	1	2,333.13	1	2,606.29	1	2,880.68	1
1/4	154.00	427.15	1/4	700.20	1/4	973.03	1/4	1,246.19	1/4	1,519.35	1/4	1,792.50	1/4	2,065.66	1/4	2,338.82	1/4	2,611.98	1/4	2,886.43	1/4
1/2	159.69	432.84	1/2	705.88	1/2	978.72	1/2	1,251.88	1/2	1,525.04	1/2	1,798.19	1/2	2,071.35	1/2	2,344.51	1/2	2,617.67	1/2	2,892.18	1/2
3/4	165.38	438.53	3/4	711.56	3/4	984.41	3/4	1,257.57	3/4	1,530.73	3/4	1,803.89	3/4	2,077.04	3/4	2,350.20	3/4	2,623.36	3/4	2,897.93	3/4
1	171.07	444.22	1	717.24	1	990.10	1	1,263.26	1	1,536.42	1	1,809.58	1	2,082.73	1	2,355.89	1	2,629.05	1	2,903.68	1
1/4	176.76	449.91	1/4	722.92	1/4	995.79	1/4	1,268.95	1/4	1,542.11	1/4	1,815.27	1/4	2,088.43	1/4	2,361.58	1/4	2,634.74	1/4	2,909.43	1/4
1/2	182.45	455.60	1/2	728.60	1/2	1,001.48	1/2	1,274.64	1/2	1,547.80	1/2	1,820.96	1/2	2,094.12	1/2	2,367.27	1/2	2,640.43	1/2	2,915.18	1/2
3/4	188.14	461.29	3/4	734.28	3/4	1,007.17	3/4	1,280.33	3/4	1,553.49	3/4	1,826.65	3/4	2,099.81	3/4	2,372.97	3/4	2,646.12	3/4	2,920.93	3/4
1	193.83	466.98	1	739.96	1	1,012.86	1	1,286.02	1	1,559.18	1	1,832.34	1	2,105.50	1	2,378.66	1	2,651.81	1	2,926.68	1
1/4	199.52	472.67	1/4	745.64	1/4	1,018.56	1/4	1,291.71	1/4	1,564.87	1/4	1,838.03	1/4	2,111.19	1/4	2,384.35	1/4	2,657.51	1/4	2,932.43	1/4
1/2	205.21	478.36	1/2	751.32	1/2	1,024.25	1/2	1,297.40	1/2	1,570.56	1/2	1,843.72	1/2	2,116.88	1/2	2,390.04	1/2	2,663.20	1/2	2,938.18	1/2
3/4	210.90	484.05	3/4	757.00	3/4	1,029.94	3/4	1,303.79	3/4	1,576.25	3/4	1,849.41	3/4	2,122.57	3/4	2,395.73	3/4	2,668.89	3/4	2,943.93	3/4
1	216.59	489.74	1	762.68	1	1,035.63	1	1,308.79	1	1,581.94	1	1,855.10	1	2,128.26	1	2,401.42	1	2,674.58	1	2,949.68	1
1/4	222.28	495.43	1/4	768.36	1/4	1,041.32	1/4	1,314.48	1/4	1,587.64	1/4	1,860.79	1/4	2,133.95	1/4	2,407.11	1/4	2,680.27	1/4	2,955.43	1/4
1/2	227.98	501.12	1/2	774.04	1/2	1,047.01	1/2	1,320.17	1/2	1,593.33	1/2	1,866.48	1/2	2,139.64	1/2	2,412.80	1/2	2,685.96	1/2	2,961.18	1/2
3/4	233.67	506.81	3/4	779.72	3/4	1,052.70	3/4	1,325.86	3/4	1,599.02	3/4	1,872.18	3/4	2,145.33	3/4	2,418.49	3/4	2,691.65	3/4	2,966.93	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED



BARGE "IB 1976"

3 CENTER
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,697.34	0	2,970.50	0	3,243.66	0	3,516.82	0	3,789.98	0	4,063.14	0	4,336.30	0	4,609.46	0	4,882.62	0	5,155.78
1/4	2,703.03	1/4	2,976.19	1/4	3,249.35	1/4	3,522.51	1/4	3,794.91	1/4	4,067.07	1/4	4,339.47	1/4	4,611.87	1/4	4,884.27	1/4	5,156.67
1/2	2,708.72	1/2	2,981.88	1/2	3,255.04	1/2	3,528.20	1/2	3,800.05	1/2	4,071.90	1/2	4,343.75	1/2	4,615.60	1/2	4,887.45	1/2	5,159.30
3/4	2,714.41	3/4	2,987.57	3/4	3,260.73	3/4	3,533.89	3/4	3,805.19	3/4	4,076.49	3/4	4,348.79	3/4	4,620.09	3/4	4,892.39	3/4	5,163.69
1	2,720.10	1	2,993.26	1	3,266.42	1	3,539.58	1	3,810.32	1	4,081.06	1	4,352.36	1	4,623.60	1	4,894.84	1	5,167.34
1/4	2,725.80	1/4	2,998.95	1/4	3,272.11	1/4	3,545.27	1/4	3,813.64	1/4	4,084.38	1/4	4,355.72	1/4	4,626.96	1/4	4,898.10	1/4	5,170.48
1/2	2,731.49	1/2	3,004.64	1/2	3,277.80	1/2	3,550.96	1/2	3,816.96	1/2	4,089.46	1/2	4,361.96	1/2	4,633.96	1/2	4,905.96	1/2	5,174.12
3/4	2,737.18	3/4	3,010.34	3/4	3,283.49	3/4	3,556.65	3/4	3,820.28	3/4	4,094.27	3/4	4,365.27	3/4	4,637.27	3/4	4,910.27	3/4	5,177.78
1	2,742.87	1	3,016.03	1	3,289.18	1	3,562.34	1	3,823.60	1	4,099.56	1	4,371.56	1	4,643.56	1	4,915.56	1	5,181.32
1/4	2,748.56	1/4	3,021.72	1/4	3,294.88	1/4	3,568.03	1/4	3,826.03	1/4	4,104.81	1/4	4,376.81	1/4	4,648.81	1/4	4,920.81	1/4	5,185.08
1/2	2,754.25	1/2	3,027.41	1/2	3,300.57	1/2	3,573.72	1/2	3,826.45	1/2	4,109.45	1/2	4,381.45	1/2	4,653.45	1/2	4,925.45	1/2	5,188.74
3/4	2,759.94	3/4	3,033.10	3/4	3,306.26	3/4	3,579.42	3/4	3,827.87	3/4	4,114.87	3/4	4,386.87	3/4	4,658.87	3/4	4,930.87	3/4	5,192.50
1	2,765.63	1	3,038.79	1	3,311.95	1	3,585.11	1	3,829.29	1	4,119.29	1	4,391.29	1	4,663.29	1	4,935.29	1	5,196.26
1/4	2,771.32	1/4	3,044.48	1/4	3,317.64	1/4	3,590.80	1/4	3,829.53	1/4	4,124.53	1/4	4,396.53	1/4	4,668.53	1/4	4,940.53	1/4	5,199.92
1/2	2,777.01	1/2	3,050.17	1/2	3,323.33	1/2	3,596.49	1/2	3,829.86	1/2	4,129.86	1/2	4,401.86	1/2	4,673.86	1/2	4,945.86	1/2	5,203.58
3/4	2,782.70	3/4	3,055.86	3/4	3,329.02	3/4	3,602.18	3/4	3,829.87	3/4	4,134.87	3/4	4,406.87	3/4	4,678.87	3/4	4,950.87	3/4	5,207.24
1	2,788.39	1	3,061.55	1	3,334.71	1	3,607.87	1	3,829.92	1	4,139.92	1	4,411.92	1	4,683.92	1	4,955.92	1	5,210.90
1/4	2,794.08	1/4	3,067.24	1/4	3,340.40	1/4	3,613.56	1/4	3,829.97	1/4	4,144.97	1/4	4,416.97	1/4	4,688.97	1/4	4,959.97	1/4	5,214.56
1/2	2,799.78	1/2	3,072.93	1/2	3,346.09	1/2	3,619.25	1/2	3,829.97	1/2	4,149.97	1/2	4,421.97	1/2	4,693.97	1/2	4,963.97	1/2	5,218.22
3/4	2,805.47	3/4	3,078.62	3/4	3,351.78	3/4	3,624.94	3/4	3,829.97	3/4	4,154.97	3/4	4,426.97	3/4	4,698.97	3/4	4,967.97	3/4	5,221.88
1	2,811.16	1	3,084.32	1	3,357.47	1	3,630.63	1	3,829.97	1	4,159.97	1	4,431.97	1	4,703.97	1	4,971.97	1	5,225.54
1/4	2,816.85	1/4	3,090.01	1/4	3,363.16	1/4	3,636.32	1/4	3,829.97	1/4	4,164.97	1/4	4,436.97	1/4	4,708.97	1/4	4,975.97	1/4	5,229.20
1/2	2,822.54	1/2	3,095.70	1/2	3,368.86	1/2	3,642.01	1/2	3,829.97	1/2	4,169.97	1/2	4,441.97	1/2	4,713.97	1/2	4,979.97	1/2	5,232.86
3/4	2,828.23	3/4	3,101.39	3/4	3,374.55	3/4	3,647.70	3/4	3,829.97	3/4	4,174.97	3/4	4,446.97	3/4	4,718.97	3/4	4,983.97	3/4	5,236.52
1	2,833.92	1	3,107.08	1	3,380.24	1	3,653.40	1	3,829.97	1	4,179.97	1	4,451.97	1	4,723.97	1	4,987.97	1	5,240.18
1/4	2,839.61	1/4	3,112.77	1/4	3,385.93	1/4	3,659.09	1/4	3,829.97	1/4	4,184.97	1/4	4,456.97	1/4	4,728.97	1/4	4,991.97	1/4	5,243.84
1/2	2,845.30	1/2	3,118.46	1/2	3,391.62	1/2	3,664.78	1/2	3,829.97	1/2	4,189.97	1/2	4,461.97	1/2	4,733.97	1/2	4,995.97	1/2	5,247.50
3/4	2,850.99	3/4	3,124.15	3/4	3,397.31	3/4	3,670.47	3/4	3,829.97	3/4	4,194.97	3/4	4,466.97	3/4	4,738.97	3/4	4,999.97	3/4	5,251.16
1	2,856.68	1	3,129.84	1	3,403.00	1	3,676.16	1	3,829.97	1	4,199.97	1	4,471.97	1	4,743.97	1	4,999.97	1	5,254.82
1/4	2,862.37	1/4	3,135.53	1/4	3,408.69	1/4	3,681.85	1/4	3,829.97	1/4	4,204.97	1/4	4,476.97	1/4	4,748.97	1/4	5,003.97	1/4	5,258.48
1/2	2,868.07	1/2	3,141.22	1/2	3,414.38	1/2	3,687.54	1/2	3,829.97	1/2	4,209.97	1/2	4,481.97	1/2	4,753.97	1/2	5,007.97	1/2	5,262.14
3/4	2,873.76	3/4	3,146.91	3/4	3,420.07	3/4	3,693.23	3/4	3,829.97	3/4	4,214.97	3/4	4,486.97	3/4	4,758.97	3/4	5,011.97	3/4	5,265.80
1	2,879.45	1	3,152.61	1	3,425.76	1	3,698.92	1	3,829.97	1	4,219.97	1	4,491.97	1	4,763.97	1	5,015.97	1	5,269.46
1/4	2,885.14	1/4	3,158.30	1/4	3,431.45	1/4	3,704.61	1/4	3,829.97	1/4	4,224.97	1/4	4,496.97	1/4	4,768.97	1/4	5,019.97	1/4	5,273.12
1/2	2,890.83	1/2	3,163.99	1/2	3,437.15	1/2	3,710.30	1/2	3,829.97	1/2	4,229.97	1/2	4,501.97	1/2	4,773.97	1/2	5,023.97	1/2	5,276.78
3/4	2,896.52	3/4	3,169.68	3/4	3,442.84	3/4	3,715.99	3/4	3,829.97	3/4	4,234.97	3/4	4,506.97	3/4	4,778.97	3/4	5,027.97	3/4	5,280.44
1	2,902.21	1	3,175.37	1	3,448.53	1	3,721.69	1	3,829.97	1	4,239.97	1	4,511.97	1	4,783.97	1	5,031.97	1	5,284.10
1/4	2,907.90	1/4	3,181.06	1/4	3,454.22	1/4	3,727.37	1/4	3,829.97	1/4	4,244.97	1/4	4,516.97	1/4	4,788.97	1/4	5,035.97	1/4	5,287.76
1/2	2,913.59	1/2	3,186.75	1/2	3,459.91	1/2	3,733.06	1/2	3,829.97	1/2	4,249.97	1/2	4,521.97	1/2	4,793.97	1/2	5,039.97	1/2	5,291.42
3/4	2,919.28	3/4	3,192.44	3/4	3,465.60	3/4	3,738.75	3/4	3,829.97	3/4	4,254.97	3/4	4,526.97	3/4	4,798.97	3/4	5,043.97	3/4	5,295.08
1	2,924.97	1	3,198.13	1	3,471.29	1	3,744.44	1	3,829.97	1	4,259.97	1	4,531.97	1	4,803.97	1	5,047.97	1	5,298.74
1/4	2,930.66	1/4	3,203.82	1/4	3,476.98	1/4	3,750.12	1/4	3,829.97	1/4	4,264.97	1/4	4,536.97	1/4	4,808.97	1/4	5,051.97	1/4	5,302.40
1/2	2,936.35	1/2	3,209.51	1/2	3,482.67	1/2	3,755.80	1/2	3,829.97	1/2	4,269.97	1/2	4,541.97	1/2	4,813.97	1/2	5,055.97	1/2	5,306.06
3/4	2,942.05	3/4	3,215.20	3/4	3,488.36	3/4	3,761.48	3/4	3,829.97	3/4	4,274.97	3/4	4,546.97	3/4	4,818.97	3/4	5,059.97	3/4	5,309.72
1	2,947.74	1	3,220.89	1	3,494.05	1	3,767.16	1	3,829.97	1	4,279.97	1	4,551.97	1	4,823.97	1	5,063.97	1	5,313.38
1/4	2,953.43	1/4	3,226.59	1/4	3,499.74	1/4	3,772.82	1/4	3,829.97	1/4	4,284.97	1/4	4,556.97	1/4	4,828.97	1/4	5,067.97	1/4	5,317.04
1/2	2,959.12	1/2	3,232.28	1/2	3,505.43	1/2	3,778.47	1/2	3,829.97	1/2	4,289.97	1/2	4,561.97	1/2	4,833.97	1/2	5,071.97	1/2	5,320.70
3/4	2,964.81	3/4	3,237.97	3/4	3,511.13	3/4	3,784.12	3/4	3,829.97	3/4	4,294.97	3/4	4,566.97	3/4	4,838.97	3/4	5,075.97	3/4	5,324.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/07/2017 CL
CALCULATED: 09/08/2017 CL
PRINTED: 09/08/2017 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2017

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