

BARGE "KIRBY 27710"

ULLAGE 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 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8
1 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8
2 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4	02-1/8	- 02-1/8
2 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
3 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4	02-1/8	- 02-1/8
3 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8

(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)

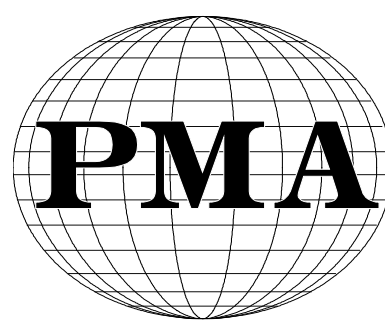
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/4"

LENGTH BETWEEN DRAFT MARKS: 238'-09"

January 10, 2024

PRECISION MEASUREMENT
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 P.O. Box 2092
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BARGE "KIRBY 27710"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

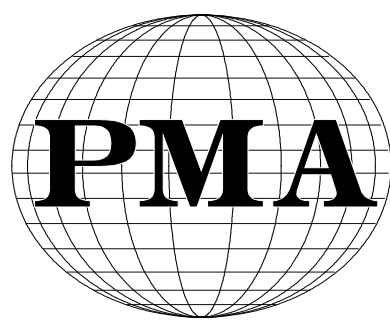
GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.59	0	298.01	0	649.68	0	1,014.70	0	1,379.57	0	1,745.67	0	2,112.04	0	2,478.41	0	2,844.77	0	3,211.14
1/4	7.15	1/4	305.13	1/4	657.31	1/4	1,022.27	1/4	1,387.17	1/4	1,753.30	1/4	2,119.67	1/4	2,486.04	1/4	2,852.40	1/4	3,218.77
1/2	10.71	1/2	312.24	1/2	664.94	1/2	1,029.85	1/2	1,394.78	1/2	1,760.94	1/2	2,127.31	1/2	2,493.67	1/2	2,860.04	1/2	3,226.40
3/4	14.27	3/4	319.36	3/4	672.58	3/4	1,037.42	3/4	1,402.38	3/4	1,768.57	3/4	2,134.94	3/4	2,501.30	3/4	2,867.67	3/4	3,234.03
1	17.83	1	326.48	1	680.21	1	1,045.00	1	1,409.99	1	1,776.20	1	2,142.57	1	2,508.94	1	2,875.30	1	3,241.67
1/4	23.33	1/4	333.66	1/4	687.84	1/4	1,052.57	1/4	1,417.59	1/4	1,783.83	1/4	2,150.21	1/4	2,516.57	1/4	2,882.93	1/4	3,249.30
1/2	28.83	1/2	340.85	1/2	695.48	1/2	1,060.15	1/2	1,425.20	1/2	1,791.47	1/2	2,157.84	1/2	2,524.20	1/2	2,890.57	1/2	3,256.93
3/4	34.34	3/4	348.04	3/4	703.11	3/4	1,067.72	3/4	1,432.80	3/4	1,799.10	3/4	2,165.47	3/4	2,531.84	3/4	2,898.20	3/4	3,264.56
2	39.84	2	355.22	2	710.74	2	1,075.30	2	1,440.41	2	1,806.73	2	2,173.10	2	2,539.47	2	2,905.83	2	3,272.20
1/4	45.82	1/4	362.49	1/4	718.38	1/4	1,082.87	1/4	1,448.03	1/4	1,814.37	1/4	2,180.74	1/4	2,547.10	1/4	2,913.47	1/4	3,279.83
1/2	51.80	1/2	369.75	1/2	726.01	1/2	1,090.45	1/2	1,455.65	1/2	1,822.00	1/2	2,188.37	1/2	2,554.73	1/2	2,921.10	1/2	3,287.46
3/4	57.77	3/4	377.01	3/4	733.64	3/4	1,098.02	3/4	1,463.27	3/4	1,829.63	3/4	2,196.00	3/4	2,562.37	3/4	2,928.73	3/4	3,295.10
3	63.75	3	384.28	3	741.27	3	1,105.60	3	1,470.89	3	1,837.26	3	2,203.63	3	2,570.00	3	2,936.36	3	3,302.73
1/4	69.39	1/4	391.64	1/4	748.91	1/4	1,113.18	1/4	1,478.52	1/4	1,844.90	1/4	2,211.27	1/4	2,577.63	1/4	2,944.00	1/4	3,310.36
1/2	75.04	1/2	398.99	1/2	756.54	1/2	1,120.75	1/2	1,486.15	1/2	1,852.53	1/2	2,218.90	1/2	2,585.26	1/2	2,951.63	1/2	3,317.99
3/4	80.69	3/4	406.35	3/4	764.17	3/4	1,128.33	3/4	1,493.78	3/4	1,860.16	3/4	2,226.53	3/4	2,592.90	3/4	2,959.26	3/4	3,325.63
4	86.33	4	413.71	4	771.81	4	1,135.91	4	1,501.42	4	1,867.80	4	2,234.16	4	2,600.53	4	2,966.89	4	3,333.26
1/4	92.08	1/4	420.94	1/4	779.44	1/4	1,143.50	1/4	1,509.05	1/4	1,875.43	1/4	2,241.80	1/4	2,608.16	1/4	2,974.53	1/4	3,340.89
1/2	97.82	1/2	428.17	1/2	787.07	1/2	1,151.09	1/2	1,516.68	1/2	1,883.06	1/2	2,249.43	1/2	2,615.79	1/2	2,982.16	1/2	3,348.52
3/4	103.57	3/4	435.40	3/4	794.71	3/4	1,158.68	3/4	1,524.32	3/4	1,890.69	3/4	2,257.06	3/4	2,623.43	3/4	2,989.79	3/4	3,356.16
5	109.31	5	442.64	5	802.34	5	1,166.27	5	1,531.95	5	1,898.33	5	2,264.69	5	2,631.06	5	2,997.42	5	3,363.79
1/4	115.58	1/4	449.51	1/4	809.96	1/4	1,173.89	1/4	1,539.58	1/4	1,905.96	1/4	2,272.33	1/4	2,638.69	1/4	3,005.06	1/4	3,371.42
1/2	121.86	1/2	456.39	1/2	817.58	1/2	1,181.51	1/2	1,547.21	1/2	1,913.59	1/2	2,279.96	1/2	2,646.32	1/2	3,012.69	1/2	3,379.05
3/4	128.13	3/4	463.26	3/4	825.20	3/4	1,189.13	3/4	1,554.85	3/4	1,921.23	3/4	2,287.59	3/4	2,653.96	3/4	3,020.32	3/4	3,386.69
6	134.41	6	470.14	6	832.81	6	1,196.75	6	1,562.48	6	1,928.86	6	2,295.22	6	2,661.59	6	3,027.95	6	3,394.32
1/4	140.99	1/4	477.08	1/4	840.41	1/4	1,204.38	1/4	1,570.11	1/4	1,936.49	1/4	2,302.86	1/4	2,669.22	1/4	3,035.59	1/4	3,401.95
1/2	147.57	1/2	484.02	1/2	848.00	1/2	1,212.02	1/2	1,577.75	1/2	1,944.13	1/2	2,310.49	1/2	2,676.85	1/2	3,043.22	1/2	3,409.58
3/4	154.16	3/4	490.96	3/4	855.59	3/4	1,219.65	3/4	1,585.38	3/4	1,951.76	3/4	2,318.12	3/4	2,684.49	3/4	3,050.85	3/4	3,417.22
7	160.74	7	497.90	7	863.18	7	1,227.28	7	1,593.01	7	1,959.39	7	2,325.76	7	2,692.12	7	3,058.48	7	3,424.85
1/4	167.42	1/4	505.31	1/4	870.76	1/4	1,234.92	1/4	1,600.64	1/4	1,967.02	1/4	2,333.39	1/4	2,699.75	1/4	3,066.12	1/4	3,432.48
1/2	174.10	1/2	512.72	1/2	878.34	1/2	1,242.55	1/2	1,608.28	1/2	1,974.66	1/2	2,341.02	1/2	2,707.38	1/2	3,073.75	1/2	3,440.11
3/4	180.77	3/4	520.13	3/4	885.91	3/4	1,250.18	3/4	1,615.91	3/4	1,982.29	3/4	2,348.65	3/4	2,715.02	3/4	3,081.38	3/4	3,447.75
8	187.45	8	527.54	8	893.49	8	1,257.82	8	1,623.54	8	1,989.92	8	2,356.29	8	2,722.65	8	3,089.01	8	3,455.38
1/4	194.23	1/4	535.17	1/4	901.07	1/4	1,265.44	1/4	1,631.18	1/4	1,997.55	1/4	2,363.92	1/4	2,730.28	1/4	3,096.65	1/4	3,463.01
1/2	201.01	1/2	542.81	1/2	908.64	1/2	1,273.06	1/2	1,638.81	1/2	2,005.19	1/2	2,371.55	1/2	2,737.92	1/2	3,104.28	1/2	3,470.64
3/4	207.78	3/4	550.44	3/4	916.22	3/4	1,280.68	3/4	1,646.44	3/4	2,012.82	3/4	2,379.18	3/4	2,745.55	3/4	3,111.91	3/4	3,478.28
9	214.56	9	558.08	9	923.79	9	1,288.30	9	1,654.08	9	2,020.45	9	2,386.82	9	2,753.18	9	3,119.55	9	3,485.91
1/4	221.43	1/4	565.71	1/4	931.37	1/4	1,295.90	1/4	1,661.71	1/4	2,028.08	1/4	2,394.45	1/4	2,760.81	1/4	3,127.18	1/4	3,493.54
1/2	228.30	1/2	573.34	1/2	938.94	1/2	1,303.51	1/2	1,669.34	1/2	2,035.72	1/2	2,402.08	1/2	2,768.45	1/2	3,134.81	1/2	3,501.18
3/4	235.17	3/4	580.98	3/4	946.52	3/4	1,311.11	3/4	1,676.97	3/4	2,043.35	3/4	2,409.71	3/4	2,776.08	3/4	3,142.44	3/4	3,508.81
10	242.04	10	588.61	10	954.09	10	1,318.72	10	1,684.61	10	2,050.98	10	2,417.35	10	2,783.71	10	3,150.08	10	3,516.44
1/4	248.99	1/4	596.24	1/4	961.67	1/4	1,326.33	1/4	1,692.24	1/4	2,058.61	1/4	2,424.98	1/4	2,791.34	1/4	3,157.71	1/4	3,524.07
1/2	255.95	1/2	603.88	1/2	969.24	1/2	1,333.93	1/2	1,699.87	1/2	2,066.25	1/2	2,432.61	1/2	2,798.98	1/2	3,165.34	1/2	3,531.71
3/4	262.90	3/4	611.51	3/4	976.82	3/4	1,341.54	3/4	1,707.51	3/4	2,073.88	3/4	2,440.24	3/4	2,806.61	3/4	3,172.97	3/4	3,539.34
11	269.85	11	619.14	11	984.39	11	1,349.14	11	1,715.14	11	2,081.51	11	2,447.88	11	2,814.24	11	3,180.61	11	3,546.97
1/4	276.89	1/4	626.78	1/4	991.97	1/4	1,356.75	1/4	1,722.77	1/4	2,089.14	1/4	2,455.51	1/4	2,821.87	1/4	3,188.24	1/4	3,554.60
1/2	283.93	1/2	634.41	1/2	999.54	1/2	1,364.36	1/2	1,730.40	1/2	2,096.78	1/2	2,463.14	1/2	2,829.51	1/2	3,195.87	1/2	3,562.24
3/4	290.97	3/4	642.04	3/4	1,007.12	3/4	1,371.96	3/4	1,738.04	3/4	2,104.41	3/4	2,470.77	3/4	2,837.14	3/4	3,203.50	3/4	3,569.87

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 27710"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

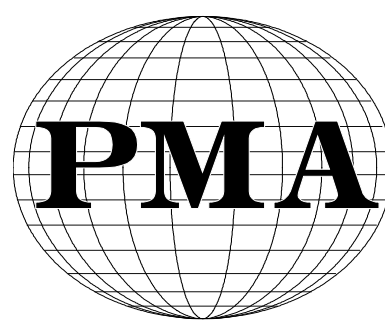
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,577.50	0	3,942.72	0	4,291.58	0	4,615.36	0		0		0		0		0		0	
1/4	3,585.13	1/4	3,950.19	1/4	4,298.55	1/4	4,621.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,592.77	1/2	3,957.66	1/2	4,305.51	1/2	4,628.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.40	3/4	3,965.13	3/4	4,312.48	3/4	4,634.88	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,608.03	1	3,972.60	1	4,319.45	1	4,641.38	1		1		1		1		1		1	
1/4	3,615.66	1/4	3,980.03	1/4	4,326.35	1/4	4,647.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.30	1/2	3,987.46	1/2	4,333.26	1/2	4,654.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.93	3/4	3,994.89	3/4	4,340.17	3/4	4,660.79	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,638.56	2	4,002.32	2	4,347.08	2	4,667.26	2		2		2		2		2		2	
1/4	3,646.19	1/4	4,009.72	1/4	4,353.95	1/4	4,673.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.83	1/2	4,017.11	1/2	4,360.82	1/2	4,680.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.46	3/4	4,024.51	3/4	4,367.69	3/4	4,687.42	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,669.09	3	4,031.90	3	4,374.56	3	4,694.14	3		3		3		3		3		3	
1/4	3,676.73	1/4	4,039.26	1/4	4,381.39	1/4	4,701.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.36	1/2	4,046.62	1/2	4,388.23	1/2	4,708.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.99	3/4	4,053.98	3/4	4,395.06	3/4	4,715.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.62	4	4,061.34	4	4,401.89	4	4,723.21	4		4		4		4		4		4	
1/4	3,707.26	1/4	4,068.66	1/4	4,408.69	1/4	4,730.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.89	1/2	4,075.99	1/2	4,415.48	1/2	4,738.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.52	3/4	4,083.32	3/4	4,422.28	3/4	4,745.86	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.15	5	4,090.64	5	4,429.08	5	4,753.41	5		5		5		5		5		5	
1/4	3,737.79	1/4	4,097.93	1/4	4,435.83	1/4	4,760.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.42	1/2	4,105.23	1/2	4,442.59	1/2	4,768.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.05	3/4	4,112.52	3/4	4,449.35	3/4	4,775.81	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.68	6	4,119.81	6	4,456.11	6	4,783.28	6		6		6		6		6		6	
1/4	3,768.32	1/4	4,127.06	1/4	4,462.83	1/4	4,790.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.95	1/2	4,134.32	1/2	4,469.56	1/2	4,796.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.58	3/4	4,141.57	3/4	4,476.28	3/4	4,803.78	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.21	7	4,148.83	7	4,483.00	7	4,810.62	7		7		7		7		7		7	
1/4	3,798.85	1/4	4,156.04	1/4	4,489.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.48	1/2	4,163.26	1/2	4,496.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.11	3/4	4,170.48	3/4	4,503.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,821.74	8	4,177.69	8	4,509.77	8		8		8		8		8		8		8	
1/4	3,829.36	1/4	4,184.87	1/4	4,516.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.97	1/2	4,192.05	1/2	4,523.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.58	3/4	4,199.23	3/4	4,529.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,852.19	9	4,206.41	9	4,536.39	9		9		9		9		9		9		9	
1/4	3,859.77	1/4	4,213.55	1/4	4,543.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.36	1/2	4,220.69	1/2	4,549.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.94	3/4	4,227.84	3/4	4,556.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.52	10	4,234.98	10	4,562.86	10		10		10		10		10		10		10	
1/4	3,890.06	1/4	4,242.08	1/4	4,569.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.61	1/2	4,249.19	1/2	4,576.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.15	3/4	4,256.29	3/4	4,582.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.69	11	4,263.40	11	4,589.19	11		11		11		11		11		11		11	
1/4	3,920.20	1/4	4,270.44	1/4	4,595.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.71	1/2	4,277.49	1/2	4,602.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.21	3/4	4,284.53	3/4	4,608.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27710"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

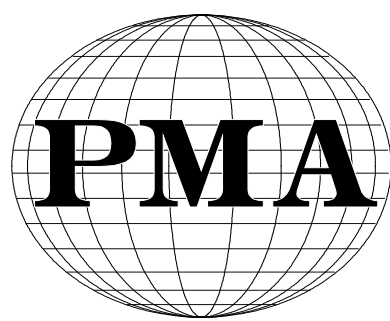
GAUGE HEIGHT 16'-06 3/4"

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	3.59	0	298.01	0	649.68	0	1,015.45	0	1,380.96	0	1,747.06	0	2,113.44	0	2,479.80	0	2,846.17	0	3,212.53
1/4	7.15	1/4	305.13	1/4	657.31	1/4	1,023.05	1/4	1,388.57	1/4	1,754.70	1/4	2,121.07	1/4	2,487.43	1/4	2,853.80	1/4	3,220.16
1/2	10.71	1/2	312.24	1/2	664.94	1/2	1,030.66	1/2	1,396.17	1/2	1,762.33	1/2	2,128.70	1/2	2,495.07	1/2	2,861.43	1/2	3,227.80
3/4	14.27	3/4	319.36	3/4	672.58	3/4	1,038.26	3/4	1,403.78	3/4	1,769.96	3/4	2,136.33	3/4	2,502.70	3/4	2,869.06	3/4	3,235.43
1	17.83	1	326.48	1	680.21	1	1,045.87	1	1,411.38	1	1,777.60	1	2,143.97	1	2,510.33	1	2,876.70	1	3,243.06
1/4	23.33	1/4	333.66	1/4	687.84	1/4	1,053.47	1/4	1,418.99	1/4	1,785.23	1/4	2,151.60	1/4	2,517.96	1/4	2,884.33	1/4	3,250.69
1/2	28.83	1/2	340.85	1/2	695.48	1/2	1,061.08	1/2	1,426.59	1/2	1,792.86	1/2	2,159.23	1/2	2,525.60	1/2	2,891.96	1/2	3,258.33
3/4	34.34	3/4	348.04	3/4	703.11	3/4	1,068.68	3/4	1,434.20	3/4	1,800.49	3/4	2,166.86	3/4	2,533.23	3/4	2,899.59	3/4	3,265.96
2	39.84	2	355.22	2	710.74	2	1,076.28	2	1,441.80	2	1,808.13	2	2,174.50	2	2,540.86	2	2,907.23	2	3,273.59
1/4	45.82	1/4	362.49	1/4	718.38	1/4	1,083.89	1/4	1,449.42	1/4	1,815.76	1/4	2,182.13	1/4	2,548.49	1/4	2,914.86	1/4	3,281.22
1/2	51.80	1/2	369.75	1/2	726.01	1/2	1,091.49	1/2	1,457.04	1/2	1,823.39	1/2	2,189.76	1/2	2,556.13	1/2	2,922.49	1/2	3,288.86
3/4	57.77	3/4	377.01	3/4	733.64	3/4	1,099.10	3/4	1,464.66	3/4	1,831.03	3/4	2,197.40	3/4	2,563.76	3/4	2,930.12	3/4	3,296.49
3	63.75	3	384.28	3	741.27	3	1,106.70	3	1,472.28	3	1,838.66	3	2,205.03	3	2,571.39	3	2,937.76	3	3,304.12
1/4	69.39	1/4	391.64	1/4	748.91	1/4	1,114.31	1/4	1,479.91	1/4	1,846.29	1/4	2,212.66	1/4	2,579.03	1/4	2,945.39	1/4	3,311.75
1/2	75.04	1/2	398.99	1/2	756.54	1/2	1,121.91	1/2	1,487.55	1/2	1,853.92	1/2	2,220.29	1/2	2,586.66	1/2	2,953.02	1/2	3,319.39
3/4	80.69	3/4	406.35	3/4	764.17	3/4	1,129.52	3/4	1,495.18	3/4	1,861.56	3/4	2,227.93	3/4	2,594.29	3/4	2,960.66	3/4	3,327.02
4	86.33	4	413.71	4	771.81	4	1,137.13	4	1,502.81	4	1,869.19	4	2,235.56	4	2,601.92	4	2,968.29	4	3,334.65
1/4	92.08	1/4	420.94	1/4	779.44	1/4	1,144.75	1/4	1,510.44	1/4	1,876.82	1/4	2,243.19	1/4	2,609.56	1/4	2,975.92	1/4	3,342.29
1/2	97.82	1/2	428.17	1/2	787.07	1/2	1,152.37	1/2	1,518.08	1/2	1,884.46	1/2	2,250.82	1/2	2,617.19	1/2	2,983.55	1/2	3,349.92
3/4	103.57	3/4	435.40	3/4	794.71	3/4	1,159.99	3/4	1,525.71	3/4	1,892.09	3/4	2,258.46	3/4	2,624.82	3/4	2,991.19	3/4	3,357.55
5	109.31	5	442.64	5	802.34	5	1,167.61	5	1,533.34	5	1,899.72	5	2,266.09	5	2,632.45	5	2,998.82	5	3,365.18
1/4	115.58	1/4	449.51	1/4	809.97	1/4	1,175.24	1/4	1,540.98	1/4	1,907.36	1/4	2,273.72	1/4	2,640.09	1/4	3,006.45	1/4	3,372.82
1/2	121.86	1/2	456.39	1/2	817.61	1/2	1,182.88	1/2	1,548.61	1/2	1,914.99	1/2	2,281.35	1/2	2,647.72	1/2	3,014.08	1/2	3,380.45
3/4	128.13	3/4	463.26	3/4	825.24	3/4	1,190.51	3/4	1,556.24	3/4	1,922.62	3/4	2,288.99	3/4	2,655.35	3/4	3,021.72	3/4	3,388.08
6	134.41	6	470.14	6	832.87	6	1,198.14	6	1,563.87	6	1,930.25	6	2,296.62	6	2,662.98	6	3,029.35	6	3,395.71
1/4	140.99	1/4	477.08	1/4	840.49	1/4	1,205.78	1/4	1,571.51	1/4	1,937.89	1/4	2,304.25	1/4	2,670.62	1/4	3,036.98	1/4	3,403.35
1/2	147.57	1/2	484.02	1/2	848.11	1/2	1,213.41	1/2	1,579.14	1/2	1,945.52	1/2	2,311.88	1/2	2,678.25	1/2	3,044.61	1/2	3,410.98
3/4	154.16	3/4	490.96	3/4	855.74	3/4	1,221.04	3/4	1,586.77	3/4	1,953.15	3/4	2,319.52	3/4	2,685.88	3/4	3,052.25	3/4	3,418.61
7	160.74	7	497.90	7	863.36	7	1,228.68	7	1,594.41	7	1,960.79	7	2,327.15	7	2,693.51	7	3,059.88	7	3,426.24
1/4	167.42	1/4	505.31	1/4	870.96	1/4	1,236.31	1/4	1,602.04	1/4	1,968.42	1/4	2,334.78	1/4	2,701.15	1/4	3,067.51	1/4	3,433.88
1/2	174.10	1/2	512.72	1/2	878.57	1/2	1,243.94	1/2	1,609.67	1/2	1,976.05	1/2	2,342.41	1/2	2,708.78	1/2	3,075.14	1/2	3,441.51
3/4	180.77	3/4	520.13	3/4	886.17	3/4	1,251.58	3/4	1,617.30	3/4	1,983.68	3/4	2,350.05	3/4	2,716.41	3/4	3,082.78	3/4	3,449.14
8	187.45	8	527.54	8	893.78	8	1,259.21	8	1,624.94	8	1,991.32	8	2,357.68	8	2,724.04	8	3,090.41	8	3,456.77
1/4	194.23	1/4	535.17	1/4	901.39	1/4	1,266.83	1/4	1,632.57	1/4	1,998.95	1/4	2,365.31	1/4	2,731.68	1/4	3,098.04	1/4	3,464.41
1/2	201.01	1/2	542.81	1/2	908.99	1/2	1,274.45	1/2	1,640.20	1/2	2,006.58	1/2	2,372.95	1/2	2,739.31	1/2	3,105.67	1/2	3,472.04
3/4	207.78	3/4	550.44	3/4	916.59	3/4	1,282.07	3/4	1,647.84	3/4	2,014.21	3/4	2,380.58	3/4	2,746.94	3/4	3,113.31	3/4	3,479.67
9	214.56	9	558.08	9	924.20	9	1,289.69	9	1,655.47	9	2,021.85	9	2,388.21	9	2,754.57	9	3,120.94	9	3,487.30
1/4	221.43	1/4	565.71	1/4	931.80	1/4	1,297.30	1/4	1,663.10	1/4	2,029.48	1/4	2,395.84	1/4	2,762.21	1/4	3,128.57	1/4	3,494.94
1/2	228.30	1/2	573.34	1/2	939.41	1/2	1,304.90	1/2	1,670.74	1/2	2,037.11	1/2	2,403.48	1/2	2,769.84	1/2	3,136.20	1/2	3,502.57
3/4	235.17	3/4	580.98	3/4	947.01	3/4	1,312.51	3/4	1,678.37	3/4	2,044.74	3/4	2,411.11	3/4	2,777.47	3/4	3,143.84	3/4	3,510.20
10	242.04	10	588.61	10	954.62	10	1,320.11	10	1,686.00	10	2,052.38	10	2,418.74	10	2,785.11	10	3,151.47	10	3,517.83
1/4	248.99	1/4	596.24	1/4	962.22	1/4	1,327.72	1/4	1,693.63	1/4	2,060.01	1/4	2,426.37	1/4	2,792.74	1/4	3,159.10	1/4	3,525.47
1/2	255.95	1/2	603.88	1/2	969.82	1/2	1,335.33	1/2	1,701.27	1/2	2,067.64	1/2	2,434.01	1/2	2,800.37	1/2	3,166.74	1/2	3,533.10
3/4	262.90	3/4	611.51	3/4	977.43	3/4	1,342.93	3/4	1,708.90	3/4	2,075.27	3/4	2,441.64	3/4	2,808.00	3/4	3,174.37	3/4	3,540.73
11	269.85	11	619.14	11	985.03	11	1,350.54	11	1,716.53	11	2,082.91	11	2,449.27	11	2,815.64	11	3,182.00	11	3,548.37
1/4	276.89	1/4	626.78	1/4	992.64	1/4	1,358.14	1/4	1,724.17	1/4	2,090.54	1/4	2,456.90	1/4	2,823.27	1/4	3,189.63	1/4	3,556.00
1/2	283.93	1/2	634.41	1/2	1,000.24	1/2	1,365.75	1/2	1,731.80	1/2	2,098.17	1/2	2,464.54	1/2	2,830.90	1/2	3,197.27	1/2	3,563.63
3/4	290.97	3/4	642.04	3/4	1,007.85	3/4	1,373.36	3/4	1,739.43	3/4	2,105.80	3/4	2,472.17	3/4	2,838.53	3/4	3,204.90	3/4	3,571.26

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27710"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

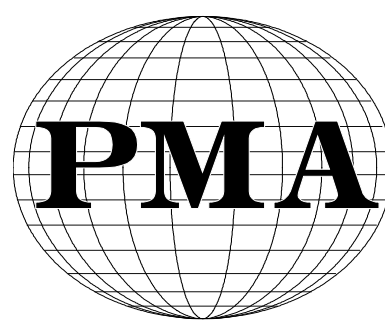
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,578.90	0	3,944.11	0	4,292.97	0	4,616.75	0		0		0		0		0		0	
1/4	3,586.53	1/4	3,951.58	1/4	4,299.94	1/4	4,623.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,594.16	1/2	3,959.05	1/2	4,306.91	1/2	4,629.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,601.79	3/4	3,966.52	3/4	4,313.87	3/4	4,636.27	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,609.43	1	3,973.99	1	4,320.84	1	4,642.78	1		1		1		1		1		1	
1/4	3,617.06	1/4	3,981.42	1/4	4,327.75	1/4	4,649.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,624.69	1/2	3,988.85	1/2	4,334.66	1/2	4,655.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.32	3/4	3,996.29	3/4	4,341.56	3/4	4,662.18	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,639.96	2	4,003.72	2	4,348.47	2	4,668.65	2		2		2		2		2		2	
1/4	3,647.59	1/4	4,011.11	1/4	4,355.34	1/4	4,675.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,655.22	1/2	4,018.51	1/2	4,362.21	1/2	4,682.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.85	3/4	4,025.90	3/4	4,369.08	3/4	4,688.81	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,670.49	3	4,033.29	3	4,375.95	3	4,695.53	3		3		3		3		3		3	
1/4	3,678.12	1/4	4,040.65	1/4	4,382.79	1/4	4,702.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.75	1/2	4,048.01	1/2	4,389.62	1/2	4,710.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.38	3/4	4,055.37	3/4	4,396.45	3/4	4,717.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,701.02	4	4,062.73	4	4,403.29	4	4,724.61	4		4		4		4		4		4	
1/4	3,708.65	1/4	4,070.06	1/4	4,410.08	1/4	4,732.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.28	1/2	4,077.38	1/2	4,416.88	1/2	4,739.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.92	3/4	4,084.71	3/4	4,423.67	3/4	4,747.25	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,731.55	5	4,092.04	5	4,430.47	5	4,754.80	5		5		5		5		5		5	
1/4	3,739.18	1/4	4,099.33	1/4	4,437.23	1/4	4,762.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.81	1/2	4,106.62	1/2	4,443.99	1/2	4,769.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.45	3/4	4,113.91	3/4	4,450.75	3/4	4,777.21	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,762.08	6	4,121.20	6	4,457.50	6	4,784.68	6		6		6		6		6		6	
1/4	3,769.71	1/4	4,128.46	1/4	4,464.23	1/4	4,791.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.34	1/2	4,135.71	1/2	4,470.95	1/2	4,798.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.98	3/4	4,142.97	3/4	4,477.67	3/4	4,805.18	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,792.61	7	4,150.22	7	4,484.40	7	4,812.01	7		7		7		7		7		7	
1/4	3,800.24	1/4	4,157.44	1/4	4,491.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.87	1/2	4,164.65	1/2	4,497.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.50	3/4	4,171.87	3/4	4,504.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,823.14	8	4,179.09	8	4,511.16	8		8		8		8		8		8		8	
1/4	3,830.75	1/4	4,186.27	1/4	4,517.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.36	1/2	4,193.45	1/2	4,524.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.98	3/4	4,200.62	3/4	4,531.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,853.59	9	4,207.80	9	4,537.78	9		9		9		9		9		9		9	
1/4	3,861.17	1/4	4,214.95	1/4	4,544.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.75	1/2	4,222.09	1/2	4,551.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,876.33	3/4	4,229.23	3/4	4,557.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,883.91	10	4,236.37	10	4,564.26	10		10		10		10		10		10		10	
1/4	3,891.46	1/4	4,243.48	1/4	4,570.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,899.00	1/2	4,250.58	1/2	4,577.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,906.54	3/4	4,257.69	3/4	4,584.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,914.09	11	4,264.79	11	4,590.58	11		11		11		11		11		11		11	
1/4	3,921.59	1/4	4,271.84	1/4	4,597.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.10	1/2	4,278.88	1/2	4,603.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,936.61	3/4	4,285.93	3/4	4,610.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27710"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

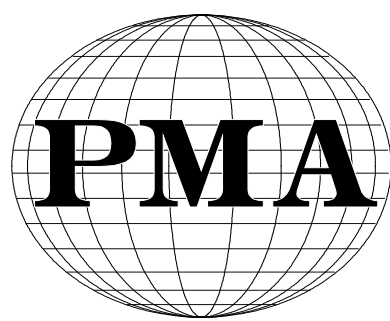
GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.78	0	359.95	0	716.35	0	1,070.44	0	1,425.69	0	1,787.40	0	2,151.30	0	2,515.18	0	2,879.07	0	3,242.96
1/4	21.06	1/4	367.52	1/4	723.93	1/4	1,077.69	1/4	1,433.11	1/4	1,794.98	1/4	2,158.88	1/4	2,522.76	1/4	2,886.65	1/4	3,250.54
1/2	26.34	1/2	375.09	1/2	731.51	1/2	1,084.94	1/2	1,440.53	1/2	1,802.56	1/2	2,166.46	1/2	2,530.35	1/2	2,894.23	1/2	3,258.12
3/4	31.63	3/4	382.67	3/4	739.09	3/4	1,092.19	3/4	1,447.95	3/4	1,810.14	3/4	2,174.04	3/4	2,537.93	3/4	2,901.81	3/4	3,265.70
1	36.91	1	390.24	1	746.68	1	1,099.44	1	1,455.36	1	1,817.72	1	2,181.62	1	2,545.51	1	2,909.40	1	3,273.28
1/4	43.85	1/4	397.80	1/4	754.26	1/4	1,106.70	1/4	1,462.78	1/4	1,825.30	1/4	2,189.20	1/4	2,553.09	1/4	2,916.98	1/4	3,280.86
1/2	50.80	1/2	405.35	1/2	761.84	1/2	1,113.95	1/2	1,470.20	1/2	1,832.89	1/2	2,196.78	1/2	2,560.67	1/2	2,924.56	1/2	3,288.45
3/4	57.75	3/4	412.91	3/4	769.42	3/4	1,121.20	3/4	1,477.62	3/4	1,840.47	3/4	2,204.36	3/4	2,568.25	3/4	2,932.14	3/4	3,296.03
2	64.69	2	420.47	2	777.00	2	1,128.45	2	1,485.04	2	1,848.05	2	2,211.94	2	2,575.83	2	2,939.72	2	3,303.61
1/4	71.92	1/4	428.02	1/4	784.58	1/4	1,135.70	1/4	1,492.47	1/4	1,855.63	1/4	2,219.52	1/4	2,583.41	1/4	2,947.30	1/4	3,311.19
1/2	79.15	1/2	435.57	1/2	792.17	1/2	1,142.95	1/2	1,499.90	1/2	1,863.21	1/2	2,227.11	1/2	2,590.99	1/2	2,954.88	1/2	3,318.77
3/4	86.38	3/4	443.13	3/4	799.75	3/4	1,150.20	3/4	1,507.33	3/4	1,870.79	3/4	2,234.69	3/4	2,598.57	3/4	2,962.46	3/4	3,326.35
3	93.61	3	450.68	3	807.33	3	1,157.45	3	1,514.76	3	1,878.37	3	2,242.27	3	2,606.16	3	2,970.04	3	3,333.93
1/4	100.48	1/4	458.21	1/4	814.89	1/4	1,164.71	1/4	1,522.27	1/4	1,885.95	1/4	2,249.85	1/4	2,613.74	1/4	2,977.62	1/4	3,341.51
1/2	107.35	1/2	465.75	1/2	822.45	1/2	1,171.96	1/2	1,529.78	1/2	1,893.54	1/2	2,257.43	1/2	2,621.32	1/2	2,985.21	1/2	3,349.09
3/4	114.22	3/4	473.28	3/4	830.02	3/4	1,179.22	3/4	1,537.29	3/4	1,901.12	3/4	2,265.01	3/4	2,628.90	3/4	2,992.79	3/4	3,356.67
4	121.09	4	480.81	4	837.58	4	1,186.47	4	1,544.80	4	1,908.70	4	2,272.59	4	2,636.48	4	3,000.37	4	3,364.26
1/4	128.02	1/4	488.11	1/4	844.99	1/4	1,193.76	1/4	1,552.38	1/4	1,916.28	1/4	2,280.17	1/4	2,644.06	1/4	3,007.95	1/4	3,371.84
1/2	134.96	1/2	495.40	1/2	852.40	1/2	1,201.05	1/2	1,559.96	1/2	1,923.86	1/2	2,287.75	1/2	2,651.64	1/2	3,015.53	1/2	3,379.42
3/4	141.89	3/4	502.70	3/4	859.82	3/4	1,208.34	3/4	1,567.54	3/4	1,931.44	3/4	2,295.33	3/4	2,659.22	3/4	3,023.11	3/4	3,387.00
5	148.83	5	509.99	5	867.23	5	1,215.63	5	1,575.12	5	1,939.02	5	2,302.92	5	2,666.80	5	3,030.69	5	3,394.58
1/4	156.18	1/4	516.90	1/4	874.51	1/4	1,223.08	1/4	1,582.71	1/4	1,946.60	1/4	2,310.50	1/4	2,674.38	1/4	3,038.27	1/4	3,402.16
1/2	163.54	1/2	523.81	1/2	881.79	1/2	1,230.53	1/2	1,590.29	1/2	1,954.18	1/2	2,318.08	1/2	2,681.97	1/2	3,045.85	1/2	3,409.74
3/4	170.89	3/4	530.72	3/4	889.06	3/4	1,237.98	3/4	1,597.87	3/4	1,961.77	3/4	2,325.66	3/4	2,689.55	3/4	3,053.43	3/4	3,417.32
6	178.24	6	537.63	6	896.34	6	1,245.43	6	1,605.45	6	1,969.35	6	2,333.24	6	2,697.13	6	3,061.02	6	3,424.90
1/4	185.79	1/4	544.60	1/4	903.61	1/4	1,253.01	1/4	1,613.03	1/4	1,976.93	1/4	2,340.82	1/4	2,704.71	1/4	3,068.60	1/4	3,432.48
1/2	193.34	1/2	551.57	1/2	910.87	1/2	1,260.59	1/2	1,620.61	1/2	1,984.51	1/2	2,348.40	1/2	2,712.29	1/2	3,076.18	1/2	3,440.07
3/4	200.89	3/4	558.53	3/4	918.14	3/4	1,268.17	3/4	1,628.19	3/4	1,992.09	3/4	2,355.98	3/4	2,719.87	3/4	3,083.76	3/4	3,447.65
7	208.44	7	565.50	7	925.41	7	1,275.75	7	1,635.77	7	1,999.67	7	2,363.56	7	2,727.45	7	3,091.34	7	3,455.23
1/4	216.00	1/4	572.88	1/4	932.66	1/4	1,283.34	1/4	1,643.36	1/4	2,007.26	1/4	2,371.14	1/4	2,735.03	1/4	3,098.92	1/4	3,462.81
1/2	223.56	1/2	580.27	1/2	939.91	1/2	1,290.92	1/2	1,650.94	1/2	2,014.84	1/2	2,378.73	1/2	2,742.61	1/2	3,106.50	1/2	3,470.39
3/4	231.13	3/4	587.65	3/4	947.16	3/4	1,298.50	3/4	1,658.52	3/4	2,022.42	3/4	2,386.31	3/4	2,750.19	3/4	3,114.08	3/4	3,477.97
8	238.69	8	595.04	8	954.42	8	1,306.08	8	1,666.10	8	2,030.00	8	2,393.89	8	2,757.78	8	3,121.66	8	3,485.55
1/4	246.26	1/4	602.62	1/4	961.67	1/4	1,313.65	1/4	1,673.68	1/4	2,037.58	1/4	2,401.47	1/4	2,765.36	1/4	3,129.24	1/4	3,493.13
1/2	253.83	1/2	610.20	1/2	968.92	1/2	1,321.23	1/2	1,681.26	1/2	2,045.16	1/2	2,409.05	1/2	2,772.94	1/2	3,136.83	1/2	3,500.71
3/4	261.41	3/4	617.79	3/4	976.17	3/4	1,328.80	3/4	1,688.84	3/4	2,052.74	3/4	2,416.63	3/4	2,780.52	3/4	3,144.41	3/4	3,508.29
9	268.98	9	625.37	9	983.42	9	1,336.37	9	1,696.42	9	2,060.32	9	2,424.21	9	2,788.10	9	3,151.99	9	3,515.88
1/4	276.56	1/4	632.95	1/4	990.67	1/4	1,343.86	1/4	1,704.01	1/4	2,067.90	1/4	2,431.79	1/4	2,795.68	1/4	3,159.57	1/4	3,523.46
1/2	284.15	1/2	640.53	1/2	997.93	1/2	1,351.35	1/2	1,711.59	1/2	2,075.49	1/2	2,439.37	1/2	2,803.26	1/2	3,167.15	1/2	3,531.04
3/4	291.73	3/4	648.11	3/4	1,005.18	3/4	1,358.84	3/4	1,719.17	3/4	2,083.07	3/4	2,446.95	3/4	2,810.84	3/4	3,174.73	3/4	3,538.62
10	299.31	10	655.70	10	1,012.43	10	1,366.33	10	1,726.75	10	2,090.65	10	2,454.54	10	2,818.42	10	3,182.31	10	3,546.20
1/4	306.89	1/4	663.28	1/4	1,019.68	1/4	1,373.75	1/4	1,734.33	1/4	2,098.23	1/4	2,462.12	1/4	2,826.00	1/4	3,189.89	1/4	3,553.78
1/2	314.47	1/2	670.86	1/2	1,026.93	1/2	1,381.17	1/2	1,741.91	1/2	2,105.81	1/2	2,469.70	1/2	2,833.59	1/2	3,197.47	1/2	3,561.36
3/4	322.05	3/4	678.44	3/4	1,034.18	3/4	1,388.59	3/4	1,749.49	3/4	2,113.39	3/4	2,477.28	3/4	2,841.17	3/4	3,205.05	3/4	3,568.94
11	329.63	11	686.02	11	1,041.43	11	1,396.01	11	1,757.07	11	2,120.97	11	2,484.86	11	2,848.75	11	3,212.64	11	3,576.52
1/4	337.21	1/4	693.61	1/4	1,048.68	1/4	1,403.43	1/4	1,764.65	1/4	2,128.55	1/4	2,492.44	1/4	2,856.33	1/4	3,220.22	1/4	3,584.10
1/2	344.79	1/2	701.19	1/2	1,055.94	1/2	1,410.85	1/2	1,772.24	1/2	2,136.13	1/2	2,500.02	1/2	2,863.91	1/2	3,227.80	1/2	3,591.69
3/4	352.37	3/4	708.77	3/4	1,063.19	3/4	1,418.27	3/4	1,779.82	3/4	2,143.71	3/4	2,507.60	3/4	2,871.49	3/4	3,235.38	3/4	3,599.27

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27710"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

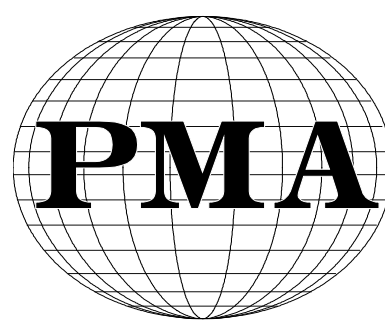
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,606.85	0	3,969.51	0	4,315.76	0	4,637.09	0		0		0		0		0		0	
1/4	3,614.43	1/4	3,976.92	1/4	4,322.67	1/4	4,643.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.01	1/2	3,984.34	1/2	4,329.58	1/2	4,650.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.59	3/4	3,991.75	3/4	4,336.49	3/4	4,656.46	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,637.17	1	3,999.16	1	4,343.41	1	4,662.92	1		1		1		1		1		1	
1/4	3,644.75	1/4	4,006.54	1/4	4,350.26	1/4	4,669.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.33	1/2	4,013.92	1/2	4,357.12	1/2	4,675.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.91	3/4	4,021.29	3/4	4,363.97	3/4	4,682.29	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,667.50	2	4,028.67	2	4,370.83	2	4,688.74	2		2		2		2		2		2	
1/4	3,675.08	1/4	4,036.01	1/4	4,377.65	1/4	4,695.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.66	1/2	4,043.35	1/2	4,384.47	1/2	4,702.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.24	3/4	4,050.69	3/4	4,391.29	3/4	4,708.97	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,697.82	3	4,058.03	3	4,398.11	3	4,715.71	3		3		3		3		3		3	
1/4	3,705.40	1/4	4,065.34	1/4	4,404.89	1/4	4,722.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.98	1/2	4,072.64	1/2	4,411.67	1/2	4,730.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.56	3/4	4,079.95	3/4	4,418.45	3/4	4,737.47	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,728.14	4	4,087.25	4	4,425.23	4	4,744.73	4		4		4		4		4		4	
1/4	3,735.72	1/4	4,094.53	1/4	4,431.98	1/4	4,752.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.31	1/2	4,101.80	1/2	4,438.72	1/2	4,759.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.89	3/4	4,109.07	3/4	4,445.47	3/4	4,767.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,758.47	5	4,116.34	5	4,452.21	5	4,774.67	5		5		5		5		5		5	
1/4	3,766.05	1/4	4,123.58	1/4	4,458.92	1/4	4,782.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.63	1/2	4,130.82	1/2	4,465.63	1/2	4,789.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.21	3/4	4,138.06	3/4	4,472.34	3/4	4,796.69	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,788.79	6	4,145.29	6	4,479.04	6	4,804.03	6		6		6		6		6		6	
1/4	3,796.37	1/4	4,152.49	1/4	4,485.72	1/4	4,810.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.96	1/2	4,159.69	1/2	4,492.39	1/2	4,817.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.54	3/4	4,166.89	3/4	4,499.06	3/4	4,824.38	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,819.12	7	4,174.10	7	4,505.74	7	4,827.78	7		7		7		7		7		7	
1/4	3,826.70	1/4	4,181.26	1/4	4,512.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.27	1/2	4,188.42	1/2	4,519.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.85	3/4	4,195.58	3/4	4,525.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,849.42	8	4,202.75	8	4,532.30	8		8		8		8		8		8		8	
1/4	3,856.98	1/4	4,209.87	1/4	4,538.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.54	1/2	4,217.00	1/2	4,545.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.09	3/4	4,224.13	3/4	4,552.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,879.65	9	4,231.25	9	4,558.72	9		9		9		9		9		9		9	
1/4	3,887.18	1/4	4,238.34	1/4	4,565.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,894.70	1/2	4,245.43	1/2	4,571.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.23	3/4	4,252.52	3/4	4,578.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,909.75	10	4,259.61	10	4,584.99	10		10		10		10		10		10		10	
1/4	3,917.24	1/4	4,266.66	1/4	4,591.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.73	1/2	4,273.71	1/2	4,598.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.22	3/4	4,280.76	3/4	4,604.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,939.70	11	4,287.81	11	4,611.12	11		11		11		11		11		11		11	
1/4	3,947.16	1/4	4,294.79	1/4	4,617.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,954.61	1/2	4,301.78	1/2	4,624.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,962.06	3/4	4,308.77	3/4	4,630.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27710"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

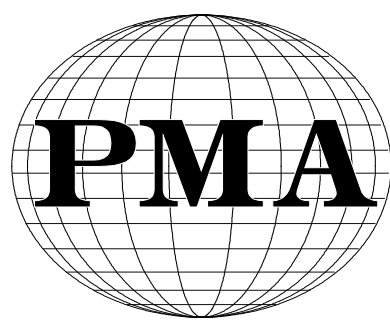
GAUGE HEIGHT 16'-07"

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	13.25	0	356.16	0	712.56	0	1,075.86	0	1,437.65	0	1,799.28	0	2,163.18	0	2,527.07	0	2,890.95	0	3,254.84
1/4	18.30	1/4	363.74	1/4	720.14	1/4	1,083.41	1/4	1,445.07	1/4	1,806.87	1/4	2,170.76	1/4	2,534.65	1/4	2,898.54	1/4	3,262.42
1/2	23.36	1/2	371.31	1/2	727.72	1/2	1,090.96	1/2	1,452.49	1/2	1,814.45	1/2	2,178.34	1/2	2,542.23	1/2	2,906.12	1/2	3,270.00
3/4	28.41	3/4	378.88	3/4	735.30	3/4	1,098.51	3/4	1,459.91	3/4	1,822.03	3/4	2,185.92	3/4	2,549.81	3/4	2,913.70	3/4	3,277.59
1	33.46	1	386.46	1	742.89	1	1,106.07	1	1,467.33	1	1,829.61	1	2,193.50	1	2,557.39	1	2,921.28	1	3,285.17
1/4	40.36	1/4	394.02	1/4	750.47	1/4	1,113.62	1/4	1,474.75	1/4	1,837.19	1/4	2,201.08	1/4	2,564.97	1/4	2,928.86	1/4	3,292.75
1/2	47.26	1/2	401.58	1/2	758.05	1/2	1,121.17	1/2	1,482.17	1/2	1,844.77	1/2	2,208.66	1/2	2,572.55	1/2	2,936.44	1/2	3,300.33
3/4	54.15	3/4	409.13	3/4	765.63	3/4	1,128.72	3/4	1,489.59	3/4	1,852.35	3/4	2,216.25	3/4	2,580.13	3/4	2,944.02	3/4	3,307.91
2	61.05	2	416.69	2	773.21	2	1,136.28	2	1,497.01	2	1,859.94	2	2,223.83	2	2,587.71	2	2,951.60	2	3,315.49
1/4	68.33	1/4	424.25	1/4	780.79	1/4	1,143.83	1/4	1,504.42	1/4	1,867.52	1/4	2,231.41	1/4	2,595.30	1/4	2,959.18	1/4	3,323.07
1/2	75.62	1/2	431.80	1/2	788.38	1/2	1,151.38	1/2	1,511.84	1/2	1,875.10	1/2	2,238.99	1/2	2,602.88	1/2	2,966.76	1/2	3,330.65
3/4	82.90	3/4	439.35	3/4	795.96	3/4	1,158.93	3/4	1,519.26	3/4	1,882.68	3/4	2,246.57	3/4	2,610.46	3/4	2,974.35	3/4	3,338.23
3	90.18	3	446.90	3	803.54	3	1,166.49	3	1,526.68	3	1,890.26	3	2,254.15	3	2,618.04	3	2,981.93	3	3,345.81
1/4	97.05	1/4	454.46	1/4	811.12	1/4	1,174.04	1/4	1,534.18	1/4	1,897.84	1/4	2,261.73	1/4	2,625.62	1/4	2,989.51	1/4	3,353.40
1/2	103.91	1/2	462.02	1/2	818.70	1/2	1,181.60	1/2	1,541.68	1/2	1,905.42	1/2	2,269.31	1/2	2,633.20	1/2	2,997.09	1/2	3,360.98
3/4	110.78	3/4	469.58	3/4	826.28	3/4	1,189.15	3/4	1,549.18	3/4	1,913.00	3/4	2,276.89	3/4	2,640.78	3/4	3,004.67	3/4	3,368.56
4	117.65	4	477.14	4	833.86	4	1,196.71	4	1,556.68	4	1,920.59	4	2,284.47	4	2,648.36	4	3,012.25	4	3,376.14
1/4	124.53	1/4	484.49	1/4	841.45	1/4	1,204.27	1/4	1,564.26	1/4	1,928.17	1/4	2,292.06	1/4	2,655.94	1/4	3,019.83	1/4	3,383.72
1/2	131.41	1/2	491.84	1/2	849.03	1/2	1,211.84	1/2	1,571.85	1/2	1,935.75	1/2	2,299.64	1/2	2,663.52	1/2	3,027.41	1/2	3,391.30
3/4	138.29	3/4	499.19	3/4	856.61	3/4	1,219.41	3/4	1,579.43	3/4	1,943.33	3/4	2,307.22	3/4	2,671.11	3/4	3,034.99	3/4	3,398.88
5	145.17	5	506.54	5	864.19	5	1,226.98	5	1,587.01	5	1,950.91	5	2,314.80	5	2,678.69	5	3,042.57	5	3,406.46
1/4	152.49	1/4	513.45	1/4	871.77	1/4	1,234.56	1/4	1,594.59	1/4	1,958.49	1/4	2,322.38	1/4	2,686.27	1/4	3,050.16	1/4	3,414.04
1/2	159.82	1/2	520.36	1/2	879.35	1/2	1,242.15	1/2	1,602.17	1/2	1,966.07	1/2	2,329.96	1/2	2,693.85	1/2	3,057.74	1/2	3,421.62
3/4	167.14	3/4	527.27	3/4	886.94	3/4	1,249.73	3/4	1,609.75	3/4	1,973.65	3/4	2,337.54	3/4	2,701.43	3/4	3,065.32	3/4	3,429.21
6	174.47	6	534.18	6	894.52	6	1,257.31	6	1,617.33	6	1,981.24	6	2,345.12	6	2,709.01	6	3,072.90	6	3,436.79
1/4	182.02	1/4	541.09	1/4	902.09	1/4	1,264.89	1/4	1,624.91	1/4	1,988.82	1/4	2,352.70	1/4	2,716.59	1/4	3,080.48	1/4	3,444.37
1/2	189.57	1/2	548.00	1/2	909.66	1/2	1,272.47	1/2	1,632.50	1/2	1,996.40	1/2	2,360.28	1/2	2,724.17	1/2	3,088.06	1/2	3,451.95
3/4	197.12	3/4	554.91	3/4	917.22	3/4	1,280.06	3/4	1,640.08	3/4	2,003.98	3/4	2,367.87	3/4	2,731.75	3/4	3,095.64	3/4	3,459.53
7	204.66	7	561.82	7	924.79	7	1,287.64	7	1,647.66	7	2,011.56	7	2,375.45	7	2,739.33	7	3,103.22	7	3,467.11
1/4	212.22	1/4	569.18	1/4	932.35	1/4	1,295.22	1/4	1,655.24	1/4	2,019.14	1/4	2,383.03	1/4	2,746.92	1/4	3,110.80	1/4	3,474.69
1/2	219.78	1/2	576.53	1/2	939.90	1/2	1,302.80	1/2	1,662.82	1/2	2,026.72	1/2	2,390.61	1/2	2,754.50	1/2	3,118.38	1/2	3,482.27
3/4	227.34	3/4	583.89	3/4	947.46	3/4	1,310.38	3/4	1,670.40	3/4	2,034.30	3/4	2,398.19	3/4	2,762.08	3/4	3,125.97	3/4	3,489.85
8	234.90	8	591.25	8	955.01	8	1,317.97	8	1,677.98	8	2,041.88	8	2,405.77	8	2,769.66	8	3,133.55	8	3,497.43
1/4	242.47	1/4	598.83	1/4	962.56	1/4	1,325.55	1/4	1,685.57	1/4	2,049.46	1/4	2,413.35	1/4	2,777.24	1/4	3,141.13	1/4	3,505.02
1/2	250.05	1/2	606.41	1/2	970.12	1/2	1,333.13	1/2	1,693.15	1/2	2,057.04	1/2	2,420.93	1/2	2,784.82	1/2	3,148.71	1/2	3,512.60
3/4	257.62	3/4	614.00	3/4	977.67	3/4	1,340.71	3/4	1,700.73	3/4	2,064.63	3/4	2,428.51	3/4	2,792.40	3/4	3,156.29	3/4	3,520.18
9	265.19	9	621.58	9	985.22	9	1,348.29	9	1,708.31	9	2,072.21	9	2,436.09	9	2,799.98	9	3,163.87	9	3,527.76
1/4	272.77	1/4	629.16	1/4	992.78	1/4	1,355.79	1/4	1,715.89	1/4	2,079.79	1/4	2,443.68	1/4	2,807.56	1/4	3,171.45	1/4	3,535.34
1/2	280.35	1/2	636.74	1/2	1,000.33	1/2	1,363.29	1/2	1,723.47	1/2	2,087.37	1/2	2,451.26	1/2	2,815.14	1/2	3,179.03	1/2	3,542.92
3/4	287.94	3/4	644.32	3/4	1,007.88	3/4	1,370.80	3/4	1,731.05	3/4	2,094.95	3/4	2,458.84	3/4	2,822.73	3/4	3,186.61	3/4	3,550.50
10	295.52	10	651.91	10	1,015.43	10	1,378.30	10	1,738.63	10	2,102.53	10	2,466.42	10	2,830.31	10	3,194.19	10	3,558.08
1/4	303.10	1/4	659.49	1/4	1,022.99	1/4	1,385.72	1/4	1,746.22	1/4	2,110.11	1/4	2,474.00	1/4	2,837.89	1/4	3,201.78	1/4	3,565.66
1/2	310.68	1/2	667.07	1/2	1,030.54	1/2	1,393.14	1/2	1,753.80	1/2	2,117.69	1/2	2,481.58	1/2	2,845.47	1/2	3,209.36	1/2	3,573.24
3/4	318.26	3/4	674.65	3/4	1,038.09	3/4	1,400.56	3/4	1,761.38	3/4	2,125.27	3/4	2,489.16	3/4	2,853.05	3/4	3,216.94	3/4	3,580.83
11	325.84	11	682.23	11	1,045.64	11	1,407.97	11	1,768.96	11	2,132.85	11	2,496.74	11	2,860.63	11	3,224.52	11	3,588.41
1/4	333.42	1/4	689.81	1/4	1,053.20	1/4	1,415.39	1/4	1,776.54	1/4	2,140.44	1/4	2,504.32	1/4	2,868.21	1/4	3,232.10	1/4	3,595.99
1/2	341.00	1/2	697.40	1/2	1,060.75	1/2	1,422.81	1/2	1,784.12	1/2	2,148.02	1/2	2,511.90	1/2	2,875.79	1/2	3,239.68	1/2	3,603.57
3/4	348.58	3/4	704.98	3/4	1,068.30	3/4	1,430.23	3/4	1,791.70	3/4	2,155.60	3/4	2,519.49	3/4	2,883.37	3/4	3,247.26	3/4	3,611.15

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27710"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	3,618.73	0	3,981.47	0	4,327.97	0	4,649.54	0		0		0		0		0		0	
1/4	3,626.31	1/4	3,988.89	1/4	4,334.89	1/4	4,656.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,633.89	1/2	3,996.31	1/2	4,341.81	1/2	4,662.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,641.47	3/4	4,003.73	3/4	4,348.73	3/4	4,668.92	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,649.05	1	4,011.15	1	4,355.65	1	4,675.38	1		1		1		1		1		1	
1/4	3,656.64	1/4	4,018.53	1/4	4,362.51	1/4	4,681.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,664.22	1/2	4,025.91	1/2	4,369.37	1/2	4,688.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,671.80	3/4	4,033.29	3/4	4,376.23	3/4	4,694.66	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,679.38	2	4,040.67	2	4,383.09	2	4,701.08	2		2		2		2		2		2	
1/4	3,686.96	1/4	4,048.02	1/4	4,389.92	1/4	4,707.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.54	1/2	4,055.36	1/2	4,396.74	1/2	4,714.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.12	3/4	4,062.71	3/4	4,403.56	3/4	4,721.10	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,709.70	3	4,070.05	3	4,410.39	3	4,727.78	3		3		3		3		3		3	
1/4	3,717.28	1/4	4,077.36	1/4	4,417.17	1/4	4,734.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,724.86	1/2	4,084.67	1/2	4,423.96	1/2	4,742.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.45	3/4	4,091.98	3/4	4,430.75	3/4	4,749.43	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,740.03	4	4,099.29	4	4,437.53	4	4,756.65	4		4		4		4		4		4	
1/4	3,747.61	1/4	4,106.57	1/4	4,444.28	1/4	4,764.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.19	1/2	4,113.84	1/2	4,451.03	1/2	4,771.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.77	3/4	4,121.12	3/4	4,457.78	3/4	4,779.14	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,770.35	5	4,128.40	5	4,464.53	5	4,786.64	5		5		5		5		5		5	
1/4	3,777.93	1/4	4,135.64	1/4	4,471.24	1/4	4,794.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.51	1/2	4,142.88	1/2	4,477.95	1/2	4,801.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.09	3/4	4,150.12	3/4	4,484.67	3/4	4,808.89	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,800.67	6	4,157.37	6	4,491.38	6	4,816.31	6		6		6		6		6		6	
1/4	3,808.26	1/4	4,164.57	1/4	4,498.06	1/4	4,823.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.84	1/2	4,171.78	1/2	4,504.73	1/2	4,829.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,823.42	3/4	4,178.98	3/4	4,511.41	3/4	4,836.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,831.00	7	4,186.19	7	4,518.09	7	4,843.45	7		7		7		7		7		7	
1/4	3,838.58	1/4	4,193.35	1/4	4,524.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.16	1/2	4,200.52	1/2	4,531.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.74	3/4	4,207.69	3/4	4,538.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,861.31	8	4,214.86	8	4,544.67	8		8		8		8		8		8		8	
1/4	3,868.88	1/4	4,221.99	1/4	4,551.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.44	1/2	4,229.12	1/2	4,557.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,884.00	3/4	4,236.25	3/4	4,564.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,891.56	9	4,243.38	9	4,571.11	9		9		9		9		9		9		9	
1/4	3,899.09	1/4	4,250.47	1/4	4,577.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,906.62	1/2	4,257.57	1/2	4,584.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.15	3/4	4,264.66	3/4	4,590.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,921.68	10	4,271.75	10	4,597.40	10		10		10		10		10		10		10	
1/4	3,929.17	1/4	4,278.81	1/4	4,603.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,936.67	1/2	4,285.87	1/2	4,610.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,944.16	3/4	4,292.92	3/4	4,617.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,951.65	11	4,299.98	11	4,623.54	11		11		11		11		11		11		11	
1/4	3,959.11	1/4	4,306.98	1/4	4,630.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,966.56	1/2	4,313.98	1/2	4,636.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,974.02	3/4	4,320.98	3/4	4,643.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

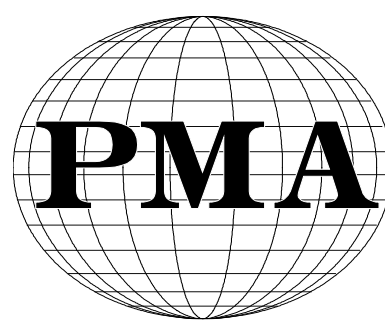
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIE: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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





BARGE "KIRBY 27710"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

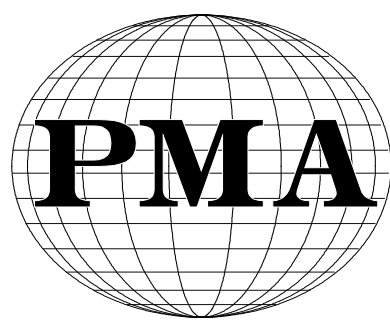
GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	47.16	0	325.11	0	678.16	0	1,030.57	0	1,387.27	0	1,748.91	0	2,112.08	0	2,475.24	0	2,838.40	0	3,201.61
1/4	48.11	1/4	332.65	1/4	685.52	1/4	1,037.89	1/4	1,394.66	1/4	1,756.47	1/4	2,119.64	1/4	2,482.81	1/4	2,845.97	1/4	3,209.20
1/2	49.05	1/2	340.19	1/2	692.88	1/2	1,045.22	1/2	1,402.06	1/2	1,764.04	1/2	2,127.21	1/2	2,490.37	1/2	2,853.54	1/2	3,216.79
3/4	50.00	3/4	347.73	3/4	700.24	3/4	1,052.55	3/4	1,409.45	3/4	1,771.61	3/4	2,134.77	3/4	2,497.94	3/4	2,861.10	3/4	3,224.38
1	50.94	1	355.28	1	707.60	1	1,059.88	1	1,416.84	1	1,779.17	1	2,142.34	1	2,505.50	1	2,868.67	1	3,231.96
1/4	52.74	1/4	362.82	1/4	714.96	1/4	1,067.21	1/4	1,424.30	1/4	1,786.74	1/4	2,149.91	1/4	2,513.07	1/4	2,876.23	1/4	3,239.55
1/2	54.54	1/2	370.37	1/2	722.32	1/2	1,074.54	1/2	1,431.76	1/2	1,794.30	1/2	2,157.47	1/2	2,520.64	1/2	2,883.80	1/2	3,247.14
3/4	56.33	3/4	377.92	3/4	729.68	3/4	1,081.87	3/4	1,439.23	3/4	1,801.87	3/4	2,165.04	3/4	2,528.20	3/4	2,891.36	3/4	3,254.73
2	58.13	2	385.47	2	737.04	2	1,089.20	2	1,446.69	2	1,809.44	2	2,172.60	2	2,535.77	2	2,898.93	2	3,262.32
1/4	61.20	1/4	392.81	1/4	744.40	1/4	1,096.54	1/4	1,454.23	1/4	1,817.00	1/4	2,180.17	1/4	2,543.33	1/4	2,906.50	1/4	3,269.91
1/2	64.28	1/2	400.15	1/2	751.76	1/2	1,103.88	1/2	1,461.77	1/2	1,824.57	1/2	2,187.74	1/2	2,550.90	1/2	2,914.06	1/2	3,277.49
3/4	67.35	3/4	407.49	3/4	759.12	3/4	1,111.21	3/4	1,469.32	3/4	1,832.14	3/4	2,195.30	3/4	2,558.47	3/4	2,921.63	3/4	3,285.08
3	70.42	3	414.83	3	766.48	3	1,118.55	3	1,476.86	3	1,839.70	3	2,202.87	3	2,566.03	3	2,929.19	3	3,292.67
1/4	75.21	1/4	421.73	1/4	773.84	1/4	1,126.00	1/4	1,484.40	1/4	1,847.27	1/4	2,210.43	1/4	2,573.60	1/4	2,936.76	1/4	3,300.26
1/2	79.99	1/2	428.62	1/2	781.20	1/2	1,133.44	1/2	1,491.94	1/2	1,854.83	1/2	2,218.00	1/2	2,581.16	1/2	2,944.33	1/2	3,307.85
3/4	84.78	3/4	435.52	3/4	788.56	3/4	1,140.89	3/4	1,499.49	3/4	1,862.40	3/4	2,225.57	3/4	2,588.73	3/4	2,951.89	3/4	3,315.44
4	89.56	4	442.42	4	795.92	4	1,148.33	4	1,507.03	4	1,869.97	4	2,233.13	4	2,596.29	4	2,959.46	4	3,323.02
1/4	95.84	1/4	449.32	1/4	803.27	1/4	1,155.88	1/4	1,514.57	1/4	1,877.53	1/4	2,240.70	1/4	2,603.86	1/4	2,967.02	1/4	3,330.61
1/2	102.11	1/2	456.22	1/2	810.62	1/2	1,163.44	1/2	1,522.11	1/2	1,885.10	1/2	2,248.26	1/2	2,611.43	1/2	2,974.59	1/2	3,338.20
3/4	108.38	3/4	463.12	3/4	817.96	3/4	1,170.99	3/4	1,529.66	3/4	1,892.66	3/4	2,255.83	3/4	2,618.99	3/4	2,982.16	3/4	3,345.79
5	114.65	5	470.02	5	825.31	5	1,178.54	5	1,537.20	5	1,900.23	5	2,263.40	5	2,626.56	5	2,989.72	5	3,353.38
1/4	121.89	1/4	477.36	1/4	832.65	1/4	1,186.09	1/4	1,544.74	1/4	1,907.80	1/4	2,270.96	1/4	2,634.12	1/4	2,997.29	1/4	3,359.21
1/2	129.12	1/2	484.71	1/2	839.98	1/2	1,193.64	1/2	1,552.28	1/2	1,915.36	1/2	2,278.53	1/2	2,641.69	1/2	3,004.85	1/2	3,365.04
3/4	136.35	3/4	492.06	3/4	847.31	3/4	1,201.19	3/4	1,559.83	3/4	1,922.93	3/4	2,286.09	3/4	2,649.26	3/4	3,012.42	3/4	3,370.86
6	143.58	6	499.40	6	854.65	6	1,208.74	6	1,567.37	6	1,930.50	6	2,293.66	6	2,656.82	6	3,019.99	6	3,376.69
1/4	151.14	1/4	506.98	1/4	861.98	1/4	1,216.29	1/4	1,574.92	1/4	1,938.06	1/4	2,301.22	1/4	2,664.39	1/4	3,027.55	1/4	3,380.76
1/2	158.71	1/2	514.55	1/2	869.31	1/2	1,223.84	1/2	1,582.48	1/2	1,945.63	1/2	2,308.79	1/2	2,671.95	1/2	3,035.12	1/2	3,384.83
3/4	166.27	3/4	522.12	3/4	876.64	3/4	1,231.39	3/4	1,590.03	3/4	1,953.19	3/4	2,316.36	3/4	2,679.52	3/4	3,042.68	3/4	3,388.90
7	173.83	7	529.69	7	883.97	7	1,238.94	7	1,597.59	7	1,960.76	7	2,323.92	7	2,687.09	7	3,050.25	7	3,392.97
1/4	181.40	1/4	537.26	1/4	891.30	1/4	1,246.41	1/4	1,605.15	1/4	1,968.32	1/4	2,331.49	1/4	2,694.65	1/4	3,057.81	1/4	3,397.04
1/2	188.97	1/2	544.83	1/2	898.63	1/2	1,253.88	1/2	1,612.72	1/2	1,975.89	1/2	2,339.05	1/2	2,702.22	1/2	3,065.38	1/2	3,401.11
3/4	196.54	3/4	552.40	3/4	905.96	3/4	1,261.35	3/4	1,620.28	3/4	1,983.46	3/4	2,346.62	3/4	2,709.78	3/4	3,072.95	3/4	3,405.18
8	204.11	8	559.97	8	913.30	8	1,268.82	8	1,627.85	8	1,991.02	8	2,354.19	8	2,717.35	8	3,080.51	8	3,409.25
1/4	211.68	1/4	567.44	1/4	920.63	1/4	1,276.22	1/4	1,635.42	1/4	1,998.59	1/4	2,361.75	1/4	2,724.91	1/4	3,088.08	1/4	3,413.32
1/2	219.25	1/2	574.90	1/2	927.96	1/2	1,283.62	1/2	1,642.98	1/2	2,006.15	1/2	2,369.32	1/2	2,732.48	1/2	3,095.64	1/2	3,417.39
3/4	226.82	3/4	582.37	3/4	935.29	3/4	1,291.01	3/4	1,650.55	3/4	2,013.72	3/4	2,376.88	3/4	2,740.05	3/4	3,103.21	3/4	3,421.46
9	234.39	9	589.84	9	942.62	9	1,298.41	9	1,658.12	9	2,021.29	9	2,384.45	9	2,747.61	9	3,110.78	9	3,425.53
1/4	241.96	1/4	597.20	1/4	949.95	1/4	1,305.82	1/4	1,665.68	1/4	2,028.85	1/4	2,392.02	1/4	2,755.18	1/4	3,118.34	1/4	3,429.60
1/2	249.53	1/2	604.56	1/2	957.27	1/2	1,313.22	1/2	1,673.25	1/2	2,036.42	1/2	2,399.58	1/2	2,762.74	1/2	3,125.91	1/2	3,433.67
3/4	257.10	3/4	611.92	3/4	964.60	3/4	1,320.63	3/4	1,680.81	3/4	2,043.98	3/4	2,407.15	3/4	2,770.31	3/4	3,133.47	3/4	3,437.74
10	264.67	10	619.28	10	971.93	10	1,328.03	10	1,688.38	10	2,051.55	10	2,414.71	10	2,777.88	10	3,141.04	10	3,441.81
1/4	272.23	1/4	626.64	1/4	979.26	1/4	1,335.44	1/4	1,695.95	1/4	2,059.12	1/4	2,422.28	1/4	2,785.44	1/4	3,148.61	1/4	3,445.88
1/2	279.79	1/2	634.00	1/2	986.59	1/2	1,342.84	1/2	1,703.51	1/2	2,066.68	1/2	2,429.84	1/2	2,793.01	1/2	3,156.17	1/2	3,449.95
3/4	287.36	3/4	641.36	3/4	993.92	3/4	1,350.25	3/4	1,711.08	3/4	2,074.25	3/4	2,437.41	3/4	2,800.57	3/4	3,163.74	3/4	3,454.02
11	294.92	11	648.72	11	1,001.25	11	1,357.65	11	1,718.64	11	2,081.81	11	2,444.98	11	2,808.14	11	3,171.30	11	3,458.09
1/4	302.47	1/4	656.08	1/4	1,008.58	1/4	1,365.06	1/4	1,726.21	1/4	2,089.38	1/4	2,452.54	1/4	2,815.71	1/4	3,178.88	1/4	3,462.16
1/2	310.02	1/2	663.44	1/2	1,015.91	1/2	1,372.46	1/2	1,733.78	1/2	2,096.95	1/2	2,460.11	1/2	2,823.27	1/2	3,186.46	1/2	3,466.23
3/4	317.56	3/4	670.80	3/4	1,023.24	3/4	1,379.87	3/4	1,741.34	3/4	2,104.51	3/4	2,467.67	3/4	2,830.84	3/4	3,194.03	3/4	3,470.30

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27710"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

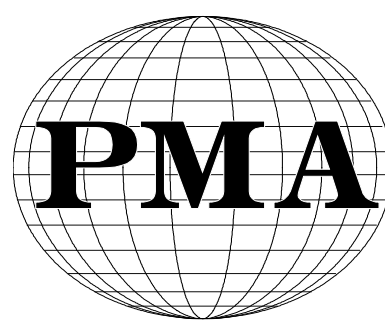
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,474.37	0	3,668.32	0	3,851.81	0	4,020.62	0		0		0		0		0		0	
1/4	3,478.44	1/4	3,672.26	1/4	3,855.44	1/4	4,024.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,482.51	1/2	3,676.20	1/2	3,859.06	1/2	4,027.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,486.57	3/4	3,680.15	3/4	3,862.69	3/4	4,031.25	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,490.64	1	3,684.09	1	3,866.31	1	4,034.79	1		1		1		1		1		1	
1/4	3,494.71	1/4	3,688.01	1/4	3,869.91	1/4	4,038.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,498.78	1/2	3,691.94	1/2	3,873.52	1/2	4,042.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,502.85	3/4	3,695.86	3/4	3,877.12	3/4	4,046.30	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,506.92	2	3,699.78	2	3,880.72	2	4,050.14	2		2		2		2		2		2	
1/4	3,510.99	1/4	3,703.69	1/4	3,884.31	1/4	4,054.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,515.06	1/2	3,707.60	1/2	3,887.89	1/2	4,058.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,519.13	3/4	3,711.50	3/4	3,891.47	3/4	4,062.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,523.20	3	3,715.41	3	3,895.06	3	4,066.08	3		3		3		3		3		3	
1/4	3,527.27	1/4	3,719.30	1/4	3,898.62	1/4	4,069.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,531.34	1/2	3,723.18	1/2	3,902.19	1/2	4,073.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,535.41	3/4	3,727.07	3/4	3,905.75	3/4	4,077.79	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,539.48	4	3,730.96	4	3,909.31	4	4,081.70	4		4		4		4		4		4	
1/4	3,543.55	1/4	3,734.83	1/4	3,912.86	1/4	4,084.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,547.62	1/2	3,738.69	1/2	3,916.40	1/2	4,088.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,551.69	3/4	3,742.56	3/4	3,919.95	3/4	4,091.52	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,555.76	5	3,746.43	5	3,923.49	5	4,094.79	5		5		5		5		5		5	
1/4	3,559.83	1/4	3,750.28	1/4	3,927.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,563.90	1/2	3,754.13	1/2	3,930.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,567.97	3/4	3,757.97	3/4	3,934.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,572.03	6	3,761.82	6	3,937.60	6		6		6		6		6		6		6	
1/4	3,576.09	1/4	3,765.65	1/4	3,941.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,580.15	1/2	3,769.48	1/2	3,944.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,584.21	3/4	3,773.30	3/4	3,948.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,588.27	7	3,777.13	7	3,951.64	7		7		7		7		7		7		7	
1/4	3,592.31	1/4	3,780.94	1/4	3,955.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,596.35	1/2	3,784.75	1/2	3,958.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.40	3/4	3,788.56	3/4	3,962.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,604.44	8	3,792.36	8	3,965.59	8		8		8		8		8		8		8	
1/4	3,608.46	1/4	3,796.15	1/4	3,969.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.48	1/2	3,799.94	1/2	3,972.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.51	3/4	3,803.73	3/4	3,976.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,620.53	9	3,807.52	9	3,979.47	9		9		9		9		9		9		9	
1/4	3,624.53	1/4	3,811.26	1/4	3,982.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,628.53	1/2	3,815.01	1/2	3,986.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.54	3/4	3,818.76	3/4	3,989.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,636.54	10	3,822.50	10	3,993.27	10		10		10		10		10		10		10	
1/4	3,640.52	1/4	3,826.19	1/4	3,996.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,644.50	1/2	3,829.87	1/2	4,000.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,648.49	3/4	3,833.56	3/4	4,003.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,652.47	11	3,837.24	11	4,006.98	11		11		11		11		11		11		11	
1/4	3,656.43	1/4	3,840.88	1/4	4,010.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.39	1/2	3,844.53	1/2	4,013.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.36	3/4	3,848.17	3/4	4,017.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27710"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

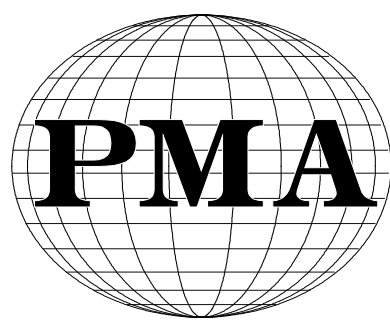
GAUGE HEIGHT 16'-04 3/4"

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	47.20	0	326.02	0	682.89	0	1,046.30	0	1,407.38	0	1,770.65	0	2,134.90	0	2,499.14	0	2,863.37	0	3,227.61
1/4	48.16	1/4	333.58	1/4	690.48	1/4	1,053.86	1/4	1,414.81	1/4	1,778.24	1/4	2,142.49	1/4	2,506.72	1/4	2,870.96	1/4	3,235.20
1/2	49.12	1/2	341.14	1/2	698.07	1/2	1,061.42	1/2	1,422.23	1/2	1,785.83	1/2	2,150.07	1/2	2,514.31	1/2	2,878.55	1/2	3,242.79
3/4	50.09	3/4	348.70	3/4	705.66	3/4	1,068.98	3/4	1,429.66	3/4	1,793.42	3/4	2,157.66	3/4	2,521.90	3/4	2,886.14	3/4	3,250.38
1	51.05	1	356.26	1	713.24	1	1,076.54	1	1,437.08	1	1,801.01	1	2,165.25	1	2,529.49	1	2,893.73	1	3,257.97
1/4	52.87	1/4	363.83	1/4	720.83	1/4	1,084.10	1/4	1,444.59	1/4	1,808.60	1/4	2,172.84	1/4	2,537.08	1/4	2,901.32	1/4	3,265.55
1/2	54.68	1/2	371.39	1/2	728.42	1/2	1,091.66	1/2	1,452.10	1/2	1,816.19	1/2	2,180.43	1/2	2,544.67	1/2	2,908.90	1/2	3,273.14
3/4	56.50	3/4	378.96	3/4	736.01	3/4	1,099.23	3/4	1,459.61	3/4	1,823.77	3/4	2,188.02	3/4	2,552.25	3/4	2,916.49	3/4	3,280.73
2	58.31	2	386.53	2	743.60	2	1,106.79	2	1,467.11	2	1,831.36	2	2,195.60	2	2,559.84	2	2,924.08	2	3,288.32
1/4	61.40	1/4	393.88	1/4	751.19	1/4	1,114.37	1/4	1,474.70	1/4	1,838.95	1/4	2,203.19	1/4	2,567.43	1/4	2,931.67	1/4	3,295.91
1/2	64.50	1/2	401.24	1/2	758.78	1/2	1,121.94	1/2	1,482.29	1/2	1,846.54	1/2	2,210.78	1/2	2,575.02	1/2	2,939.26	1/2	3,303.50
3/4	67.59	3/4	408.60	3/4	766.37	3/4	1,129.52	3/4	1,489.88	3/4	1,854.13	3/4	2,218.37	3/4	2,582.61	3/4	2,946.85	3/4	3,311.08
3	70.68	3	415.96	3	773.95	3	1,137.09	3	1,497.47	3	1,861.72	3	2,225.96	3	2,590.20	3	2,954.43	3	3,318.67
1/4	75.48	1/4	422.87	1/4	781.54	1/4	1,144.68	1/4	1,505.06	1/4	1,869.31	1/4	2,233.55	1/4	2,597.78	1/4	2,962.02	1/4	3,326.26
1/2	80.28	1/2	429.79	1/2	789.13	1/2	1,152.27	1/2	1,512.65	1/2	1,876.89	1/2	2,241.13	1/2	2,605.37	1/2	2,969.61	1/2	3,333.85
3/4	85.09	3/4	436.71	3/4	796.72	3/4	1,159.86	3/4	1,520.23	3/4	1,884.48	3/4	2,248.72	3/4	2,612.96	3/4	2,977.20	3/4	3,341.44
4	89.89	4	443.62	4	804.31	4	1,167.45	4	1,527.82	4	1,892.07	4	2,256.31	4	2,620.55	4	2,984.79	4	3,349.03
1/4	96.18	1/4	450.54	1/4	811.89	1/4	1,175.04	1/4	1,535.41	1/4	1,899.66	1/4	2,263.90	1/4	2,628.14	1/4	2,992.38	1/4	3,356.61
1/2	102.47	1/2	457.46	1/2	819.46	1/2	1,182.63	1/2	1,543.00	1/2	1,907.25	1/2	2,271.49	1/2	2,635.73	1/2	2,999.96	1/2	3,364.20
3/4	108.76	3/4	464.37	3/4	827.04	3/4	1,190.22	3/4	1,550.59	3/4	1,914.84	3/4	2,279.08	3/4	2,643.31	3/4	3,007.55	3/4	3,371.79
5	115.06	5	471.29	5	834.62	5	1,197.81	5	1,558.18	5	1,922.42	5	2,286.66	5	2,650.90	5	3,015.14	5	3,379.38
1/4	122.31	1/4	478.66	1/4	842.18	1/4	1,205.40	1/4	1,565.77	1/4	1,930.01	1/4	2,294.25	1/4	2,658.49	1/4	3,022.73	1/4	3,385.21
1/2	129.56	1/2	486.02	1/2	849.74	1/2	1,212.99	1/2	1,573.35	1/2	1,937.60	1/2	2,301.84	1/2	2,666.08	1/2	3,030.32	1/2	3,391.03
3/4	136.80	3/4	493.39	3/4	857.30	3/4	1,220.57	3/4	1,580.94	3/4	1,945.19	3/4	2,309.43	3/4	2,673.67	3/4	3,037.91	3/4	3,396.86
6	144.05	6	500.75	6	864.86	6	1,228.16	6	1,588.53	6	1,952.78	6	2,317.02	6	2,681.26	6	3,045.49	6	3,402.69
1/4	151.64	1/4	508.34	1/4	872.42	1/4	1,235.75	1/4	1,596.12	1/4	1,960.37	1/4	2,324.61	1/4	2,688.84	1/4	3,053.08	1/4	3,406.76
1/2	159.22	1/2	515.93	1/2	879.98	1/2	1,243.34	1/2	1,603.71	1/2	1,967.95	1/2	2,332.19	1/2	2,696.43	1/2	3,060.67	1/2	3,410.83
3/4	166.80	3/4	523.52	3/4	887.54	3/4	1,250.93	3/4	1,611.30	3/4	1,975.54	3/4	2,339.78	3/4	2,704.02	3/4	3,068.26	3/4	3,414.90
7	174.38	7	531.11	7	895.10	7	1,258.52	7	1,618.88	7	1,983.13	7	2,347.37	7	2,711.61	7	3,075.85	7	3,418.97
1/4	181.97	1/4	538.70	1/4	902.66	1/4	1,266.03	1/4	1,626.47	1/4	1,990.72	1/4	2,354.96	1/4	2,719.20	1/4	3,083.43	1/4	3,423.04
1/2	189.55	1/2	546.29	1/2	910.22	1/2	1,273.54	1/2	1,634.06	1/2	1,998.31	1/2	2,362.55	1/2	2,726.78	1/2	3,091.02	1/2	3,427.11
3/4	197.14	3/4	553.88	3/4	917.78	3/4	1,281.04	3/4	1,641.65	3/4	2,005.90	3/4	2,370.13	3/4	2,734.37	3/4	3,098.61	3/4	3,431.18
8	204.73	8	561.47	8	925.34	8	1,288.55	8	1,649.24	8	2,013.48	8	2,377.72	8	2,741.96	8	3,106.20	8	3,435.25
1/4	212.32	1/4	569.06	1/4	932.90	1/4	1,295.98	1/4	1,656.83	1/4	2,021.07	1/4	2,385.31	1/4	2,749.55	1/4	3,113.79	1/4	3,439.32
1/2	219.91	1/2	576.65	1/2	940.46	1/2	1,303.41	1/2	1,664.42	1/2	2,028.66	1/2	2,392.90	1/2	2,757.14	1/2	3,121.38	1/2	3,443.39
3/4	227.49	3/4	584.23	3/4	948.02	3/4	1,310.83	3/4	1,672.00	3/4	2,036.25	3/4	2,400.49	3/4	2,764.73	3/4	3,128.96	3/4	3,447.46
9	235.08	9	591.82	9	955.58	9	1,318.26	9	1,679.59	9	2,043.84	9	2,408.08	9	2,772.31	9	3,136.55	9	3,451.53
1/4	242.67	1/4	599.41	1/4	963.14	1/4	1,325.69	1/4	1,687.18	1/4	2,051.43	1/4	2,415.66	1/4	2,779.90	1/4	3,144.14	1/4	3,455.60
1/2	250.26	1/2	607.00	1/2	970.70	1/2	1,333.11	1/2	1,694.77	1/2	2,059.01	1/2	2,423.25	1/2	2,787.49	1/2	3,151.73	1/2	3,459.67
3/4	257.85	3/4	614.59	3/4	978.26	3/4	1,340.54	3/4	1,702.36	3/4	2,066.60	3/4	2,430.84	3/4	2,795.08	3/4	3,159.32	3/4	3,463.74
10	265.43	10	622.18	10	985.82	10	1,347.97	10	1,709.95	10	2,074.19	10	2,438.43	10	2,802.67	10	3,166.91	10	3,467.81
1/4	273.01	1/4	629.77	1/4	993.38	1/4	1,355.39	1/4	1,717.54	1/4	2,081.78	1/4	2,446.02	1/4	2,810.26	1/4	3,174.49	1/4	3,471.88
1/2	280.60	1/2	637.36	1/2	1,000.94	1/2	1,362.82	1/2	1,725.12	1/2	2,089.37	1/2	2,453.61	1/2	2,817.84	1/2	3,182.08	1/2	3,475.95
3/4	288.18	3/4	644.94	3/4	1,008.50	3/4	1,370.25	3/4	1,732.71	3/4	2,096.96	3/4	2,461.19	3/4	2,825.43	3/4	3,189.67	3/4	3,480.02
11	295.76	11	652.53	11	1,016.06	11	1,377.67	11	1,740.30	11	2,104.54	11	2,468.78	11	2,833.02	11	3,197.26	11	3,484.09
1/4	303.32	1/4	660.12	1/4	1,023.62	1/4	1,385.10	1/4	1,747.89	1/4	2,112.13	1/4	2,476.37	1/4	2,840.61	1/4	3,204.85	1/4	3,488.16
1/2	310.89	1/2	667.71	1/2	1,031.18	1/2	1,392.53	1/2	1,755.48	1/2	2,119.72	1/2	2,483.96	1/2	2,848.20	1/2	3,212.44	1/2	3,492.23
3/4	318.46	3/4	675.30	3/4	1,038.74	3/4	1,399.95	3/4	1,763.07	3/4	2,127.31	3/4	2,491.55	3/4	2,855.79	3/4	3,220.02	3/4	3,496.30

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 AT 2" RESTRICTED GAUGE STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27710"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	3,500.37	0	3,694.31	0	3,877.81	0	4,046.62	0		0		0		0		0		0	
1/4	3,504.43	1/4	3,698.26	1/4	3,881.44	1/4	4,050.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,508.50	1/2	3,702.20	1/2	3,885.06	1/2	4,053.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,512.57	3/4	3,706.14	3/4	3,888.68	3/4	4,057.24	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,516.64	1	3,710.09	1	3,892.31	1	4,060.79	1		1		1		1		1		1	
1/4	3,520.71	1/4	3,714.01	1/4	3,895.91	1/4	4,064.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,524.78	1/2	3,717.93	1/2	3,899.51	1/2	4,068.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,528.85	3/4	3,721.86	3/4	3,903.12	3/4	4,072.30	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,532.92	2	3,725.78	2	3,906.72	2	4,076.13	2		2		2		2		2		2	
1/4	3,536.99	1/4	3,729.69	1/4	3,910.30	1/4	4,080.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,541.06	1/2	3,733.59	1/2	3,913.89	1/2	4,084.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,545.13	3/4	3,737.50	3/4	3,917.47	3/4	4,088.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,549.20	3	3,741.41	3	3,921.06	3	4,092.07	3		3		3		3		3		3	
1/4	3,553.27	1/4	3,745.29	1/4	3,924.62	1/4	4,095.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.34	1/2	3,749.18	1/2	3,928.18	1/2	4,099.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,561.41	3/4	3,753.07	3/4	3,931.75	3/4	4,103.79	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,565.48	4	3,756.96	4	3,935.31	4	4,107.70	4		4		4		4		4		4	
1/4	3,569.55	1/4	3,760.82	1/4	3,938.86	1/4	4,110.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,573.62	1/2	3,764.69	1/2	3,942.40	1/2	4,114.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,577.69	3/4	3,768.56	3/4	3,945.95	3/4	4,117.52	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,581.76	5	3,772.43	5	3,949.49	5	4,120.79	5		5		5		5		5		5	
1/4	3,585.83	1/4	3,776.27	1/4	3,953.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,589.90	1/2	3,780.12	1/2	3,956.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.96	3/4	3,783.97	3/4	3,960.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,598.03	6	3,787.82	6	3,963.60	6		6		6		6		6		6		6	
1/4	3,602.09	1/4	3,791.65	1/4	3,967.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,606.15	1/2	3,795.47	1/2	3,970.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,610.21	3/4	3,799.30	3/4	3,974.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,614.27	7	3,803.13	7	3,977.64	7		7		7		7		7		7		7	
1/4	3,618.31	1/4	3,806.94	1/4	3,981.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.35	1/2	3,810.74	1/2	3,984.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,626.39	3/4	3,814.55	3/4	3,988.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,630.44	8	3,818.36	8	3,991.59	8		8		8		8		8		8		8	
1/4	3,634.46	1/4	3,822.15	1/4	3,995.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,638.48	1/2	3,825.94	1/2	3,998.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,642.50	3/4	3,829.72	3/4	4,002.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,646.53	9	3,833.51	9	4,005.47	9		9		9		9		9		9		9	
1/4	3,650.53	1/4	3,837.26	1/4	4,008.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.53	1/2	3,841.01	1/2	4,012.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.53	3/4	3,844.75	3/4	4,015.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,662.54	10	3,848.50	10	4,019.26	10		10		10		10		10		10		10	
1/4	3,666.52	1/4	3,852.18	1/4	4,022.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,670.50	1/2	3,855.87	1/2	4,026.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,674.48	3/4	3,859.55	3/4	4,029.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,678.46	11	3,863.24	11	4,032.98	11		11		11		11		11		11		11	
1/4	3,682.43	1/4	3,866.88	1/4	4,036.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.39	1/2	3,870.52	1/2	4,039.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.35	3/4	3,874.17	3/4	4,043.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2003 CL - SW
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 27710"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,394	0	4,788	0	7,182	0	9,576	0	11,970	0		0		0		0	
1/4	50	1/4	2,444	1/4	4,838	1/4	7,232	1/4	9,626	1/4	12,020	1/4		1/4		1/4		1/4	
1/2	100	1/2	2,494	1/2	4,888	1/2	7,282	1/2	9,676	1/2	12,070	1/2		1/2		1/2		1/2	
3/4	150	3/4	2,544	3/4	4,938	3/4	7,332	3/4	9,726	3/4	12,120	3/4		3/4		3/4		3/4	
1	199	1	2,594	1	4,988	1	7,382	1	9,775	1	12,169	1		1		1		1	
1/4	249	1/4	2,644	1/4	5,037	1/4	7,431	1/4	9,825	1/4	12,219	1/4		1/4		1/4		1/4	
1/2	299	1/2	2,693	1/2	5,087	1/2	7,481	1/2	9,875	1/2	12,269	1/2		1/2		1/2		1/2	
3/4	349	3/4	2,743	3/4	5,137	3/4	7,531	3/4	9,925	3/4	12,319	3/4		3/4		3/4		3/4	
2	399	2	2,793	2	5,187	2	7,581	2	9,975	2	12,369	2		2		2		2	
1/4	449	1/4	2,843	1/4	5,237	1/4	7,631	1/4	10,025	1/4	12,419	1/4		1/4		1/4		1/4	
1/2	499	1/2	2,893	1/2	5,287	1/2	7,681	1/2	10,075	1/2	12,469	1/2		1/2		1/2		1/2	
3/4	549	3/4	2,943	3/4	5,337	3/4	7,731	3/4	10,125	3/4	12,519	3/4		3/4		3/4		3/4	
3	598	3	2,993	3	5,387	3	7,781	3	10,174	3	12,568	3		3		3		3	
1/4	648	1/4	3,043	1/4	5,436	1/4	7,830	1/4	10,224	1/4	12,618	1/4		1/4		1/4		1/4	
1/2	698	1/2	3,092	1/2	5,486	1/2	7,880	1/2	10,274	1/2	12,668	1/2		1/2		1/2		1/2	
3/4	748	3/4	3,142	3/4	5,536	3/4	7,930	3/4	10,324	3/4	12,718	3/4		3/4		3/4		3/4	
4	798	4	3,192	4	5,586	4	7,980	4	10,374	4	12,768	4		4		4		4	
1/4	848	1/4	3,242	1/4	5,636	1/4	8,030	1/4	10,424	1/4	12,818	1/4		1/4		1/4		1/4	
1/2	898	1/2	3,292	1/2	5,686	1/2	8,080	1/2	10,474	1/2	12,868	1/2		1/2		1/2		1/2	
3/4	948	3/4	3,342	3/4	5,736	3/4	8,130	3/4	10,524	3/4	12,918	3/4		3/4		3/4		3/4	
5	997	5	3,392	5	5,786	5	8,180	5	10,573	5	12,967	5		5		5		5	
1/4	1,047	1/4	3,442	1/4	5,835	1/4	8,229	1/4	10,623	1/4	13,017	1/4		1/4		1/4		1/4	
1/2	1,097	1/2	3,491	1/2	5,885	1/2	8,279	1/2	10,673	1/2	13,067	1/2		1/2		1/2		1/2	
3/4	1,147	3/4	3,541	3/4	5,935	3/4	8,329	3/4	10,723	3/4	13,117	3/4		3/4		3/4		3/4	
6	1,197	6	3,591	6	5,985	6	8,379	6	10,773	6	13,167	6		6		6		6	
1/4	1,247	1/4	3,641	1/4	6,035	1/4	8,429	1/4	10,823	1/4	13,217	1/4		1/4		1/4		1/4	
1/2	1,297	1/2	3,691	1/2	6,085	1/2	8,479	1/2	10,873	1/2	13,267	1/2		1/2		1/2		1/2	
3/4	1,347	3/4	3,741	3/4	6,135	3/4	8,529	3/4	10,923	3/4	13,317	3/4		3/4		3/4		3/4	
7	1,397	7	3,791	7	6,185	7	8,579	7	10,972	7	13,366	7		7		7		7	
1/4	1,447	1/4	3,840	1/4	6,234	1/4	8,628	1/4	11,022	1/4	13,416	1/4		1/4		1/4		1/4	
1/2	1,496	1/2	3,890	1/2	6,284	1/2	8,678	1/2	11,072	1/2	13,466	1/2		1/2		1/2		1/2	
3/4	1,546	3/4	3,940	3/4	6,334	3/4	8,728	3/4	11,122	3/4	13,516	3/4		3/4		3/4		3/4	
8	1,596	8	3,990	8	6,384	8	8,778	8	11,172	8	13,566	8		8		8		8	
1/4	1,646	1/4	4,040	1/4	6,434	1/4	8,828	1/4	11,222	1/4	13,616	1/4		1/4		1/4		1/4	
1/2	1,696	1/2	4,090	1/2	6,484	1/2	8,878	1/2	11,272	1/2	13,666	1/2		1/2		1/2		1/2	
3/4	1,746	3/4	4,140	3/4	6,534	3/4	8,928	3/4	11,322	3/4	13,716	3/4		3/4		3/4		3/4	
9	1,796	9	4,190	9	6,584	9	8,978	9	11,371	9	13,765	9		9		9		9	
1/4	1,846	1/4	4,239	1/4	6,633	1/4	9,027	1/4	11,421	1/4	13,815	1/4		1/4		1/4		1/4	
1/2	1,895	1/2	4,289	1/2	6,683	1/2	9,077	1/2	11,471	1/2	13,865	1/2		1/2		1/2		1/2	
3/4	1,945	3/4	4,339	3/4	6,733	3/4	9,127	3/4	11,521	3/4	13,915	3/4		3/4		3/4		3/4	
10	1,995	10	4,389	10	6,783	10	9,177	10	11,571	10	13,965	10		10		10		10	
1/4	2,045	1/4	4,439	1/4	6,833	1/4	9,227	1/4	11,621	1/4		1/4		1/4		1/4		1/4	
1/2	2,095	1/2	4,489	1/2	6,883	1/2	9,277	1/2	11,671	1/2		1/2		1/2		1/2		1/2	
3/4	2,145	3/4	4,539	3/4	6,933	3/4	9,327	3/4	11,721	3/4		3/4		3/4		3/4		3/4	
11	2,195	11	4,589	11	6,983	11	9,376	11	11,770	11		11		11		11		11	
1/4	2,245	1/4	4,638	1/4	7,032	1/4	9,426	1/4	11,820	1/4		1/4		1/4		1/4		1/4	
1/2	2,294	1/2	4,688	1/2	7,082	1/2	9,476	1/2	11,870	1/2		1/2		1/2		1/2		1/2	
3/4	2,344	3/4	4,738	3/4	7,132	3/4	9,526	3/4	11,920	3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 09/28/2018 SW
CALCULATED: 09/28/2018 CL
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

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