



BARGE "KIRBY 27784"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

June 1, 2016

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27784"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	0	0	0	0	0	0	4,812.18	0	4,482.54	0	4,128.42	0	3,753.95	0	3,376.22	0	2,998.49		
1/4		1/4		1/4		1/4		1/4	4,805.25	1/4	4,475.45	1/4	4,120.80	1/4	3,746.08	1/4	3,368.35	1/4	2,990.62		
1/2		1/2		1/2		1/2		1/2	4,798.32	1/2	4,468.37	1/2	4,113.18	1/2	3,738.21	1/2	3,360.48	1/2	2,982.75		
3/4		3/4		3/4		3/4		3/4	4,791.66	3/4	4,461.25	3/4	4,105.52	3/4	3,730.34	3/4	3,352.61	3/4	2,974.89		
1	1	1	1	1	1	1	1	1	4,784.99	1	4,454.13	1	4,097.86	1	3,722.47	1	3,344.74	1	2,967.02		
1/4		1/4		1/4		1/4		1/4	4,778.33	1/4	4,447.01	1/4	4,090.19	1/4	3,714.60	1/4	3,336.87	1/4	2,959.15		
1/2		1/2		1/2		1/2		1/2	4,771.66	1/2	4,439.89	1/2	4,082.53	1/2	3,706.73	1/2	3,329.00	1/2	2,951.28		
3/4		3/4		3/4		3/4		3/4	4,764.96	3/4	4,432.71	3/4	4,074.84	3/4	3,698.86	3/4	3,321.13	3/4	2,943.41		
2	2	2	2	2	2	2	2	2	4,758.26	2	4,425.53	2	4,067.14	2	3,690.99	2	3,313.26	2	2,935.54		
1/4		1/4		1/4		1/4		1/4	4,751.55	1/4	4,418.35	1/4	4,059.44	1/4	3,683.12	1/4	3,305.40	1/4	2,927.67		
1/2		1/2		1/2		1/2		1/2	4,744.85	1/2	4,411.17	1/2	4,051.74	1/2	3,675.25	1/2	3,297.53	1/2	2,919.80		
3/4		3/4		3/4		3/4		3/4	4,738.11	3/4	4,403.91	3/4	4,044.00	3/4	3,667.38	3/4	3,289.66	3/4	2,911.93		
3	3	3	3	3	3	3	3	3	4,731.37	3	4,396.65	3	4,036.27	3	3,659.51	3	3,281.79	3	2,904.06		
1/4		1/4		1/4		1/4		1/4	4,724.63	1/4	4,389.39	1/4	4,028.53	1/4	3,651.64	1/4	3,273.92	1/4	2,896.19		
1/2		1/2		1/2		1/2		1/2	4,717.88	1/2	4,382.13	1/2	4,020.79	1/2	3,643.78	1/2	3,266.05	1/2	2,888.32		
3/4		3/4		3/4		3/4		3/4	4,711.11	3/4	4,374.81	3/4	4,013.02	3/4	3,635.91	3/4	3,258.18	3/4	2,880.45		
4	4	4	4	4	4	4	4	4	4,704.33	4	4,367.49	4	4,005.24	4	3,628.04	4	3,250.31	4	2,872.58		
1/4		1/4		1/4		1/4		1/4	4,697.55	1/4	4,360.17	1/4	4,005.47	1/4	3,620.17	1/4	3,242.44	1/4	2,864.71		
1/2		1/2		1/2		1/2		1/2	4,690.77	1/2	4,352.85	1/2	3,989.70	1/2	3,612.30	1/2	3,234.57	1/2	2,856.85		
3/4		3/4		3/4		3/4		3/4	4,683.95	3/4	4,345.49	3/4	3,981.88	3/4	3,604.43	3/4	3,226.70	3/4	2,848.98		
5	5	5	5	5	5	5	5	5	4,677.13	5	4,338.14	5	3,974.07	5	3,596.56	5	3,218.83	5	2,841.11		
1/4		1/4		1/4		1/4		1/4	4,670.32	1/4	4,330.78	1/4	3,966.26	1/4	3,588.69	1/4	3,210.96	1/4	2,833.24		
1/2		1/2		1/2		1/2		1/2	4,663.50	1/2	4,323.42	1/2	3,958.45	1/2	3,580.82	1/2	3,203.09	1/2	2,825.37		
3/4		3/4		3/4		3/4		3/4	4,656.64	3/4	4,316.03	3/4	3,950.60	3/4	3,572.95	3/4	3,195.23	3/4	2,817.50		
6	6	6	6	6	6	6	6	6	4,649.79	6	4,308.63	6	3,942.75	6	3,565.08	6	3,187.36	6	2,809.63		
1/4		1/4		1/4		1/4		1/4	4,642.93	1/4	4,301.24	1/4	3,934.91	1/4	3,557.21	1/4	3,179.49	1/4	2,801.76		
1/2		1/2		1/2		1/2		1/2	4,966.63	1/2	4,636.08	1/2	4,293.84	1/2	3,927.06	1/2	3,549.34	1/2	3,171.62	1/2	2,793.89
3/4		3/4		3/4		3/4		3/4	4,961.14	3/4	4,629.19	3/4	4,286.41	3/4	3,919.20	3/4	3,541.47	3/4	3,163.75	3/4	2,786.02
7	7	7	7	7	7	7	7	7	4,955.65	7	4,622.29	7	4,278.98	7	3,911.33	7	3,533.61	7	3,155.88	7	2,778.15
1/4		1/4		1/4		1/4		1/4	4,950.16	1/4	4,615.40	1/4	4,271.55	1/4	3,903.46	1/4	3,525.74	1/4	3,148.01	1/4	2,770.28
1/2		1/2		1/2		1/2		1/2	4,944.67	1/2	4,608.51	1/2	4,264.11	1/2	3,895.59	1/2	3,517.87	1/2	3,140.14	1/2	2,762.41
3/4		3/4		3/4		3/4		3/4	4,937.89	3/4	4,601.58	3/4	4,256.64	3/4	3,887.72	3/4	3,510.00	3/4	3,132.27	3/4	2,754.54
8	8	8	8	8	8	8	8	8	4,931.11	8	4,594.65	8	4,249.17	8	3,879.85	8	3,502.13	8	3,124.40	8	2,746.68
1/4		1/4		1/4		1/4		1/4	4,924.33	1/4	4,587.71	1/4	4,241.70	1/4	3,871.99	1/4	3,494.26	1/4	3,116.53	1/4	2,738.81
1/2		1/2		1/2		1/2		1/2	4,917.55	1/2	4,580.78	1/2	4,234.23	1/2	3,864.12	1/2	3,486.39	1/2	3,108.66	1/2	2,730.94
3/4		3/4		3/4		3/4		3/4	4,909.95	3/4	4,573.81	3/4	4,226.72	3/4	3,856.25	3/4	3,478.52	3/4	3,100.79	3/4	2,723.07
9	9	9	9	9	9	9	9	9	4,902.35	9	4,566.85	9	4,219.21	9	3,848.38	9	3,470.65	9	3,092.92	9	2,715.20
1/4		1/4		1/4		1/4		1/4	4,894.75	1/4	4,559.88	1/4	4,211.70	1/4	3,840.51	1/4	3,462.78	1/4	3,085.06	1/4	2,707.33
1/2		1/2		1/2		1/2		1/2	4,887.15	1/2	4,552.91	1/2	4,204.19	1/2	3,832.64	1/2	3,454.91	1/2	3,077.19	1/2	2,699.46
3/4		3/4		3/4		3/4		3/4	4,879.37	3/4	4,545.90	3/4	4,196.65	3/4	3,824.77	3/4	3,447.04	3/4	3,069.32	3/4	2,691.59
10	10	10	10	10	10	10	10	10	4,871.58	10	4,538.89	10	4,189.10	10	3,816.90	10	3,439.17	10	3,061.45	10	2,683.72
1/4		1/4		1/4		1/4		1/4	4,863.80	1/4	4,531.89	1/4	4,181.55	1/4	3,809.03	1/4	3,431.30	1/4	3,053.58	1/4	2,675.85
1/2		1/2		1/2		1/2		1/2	4,856.01	1/2	4,524.88	1/2	4,174.01	1/2	3,801.16	1/2	3,423.44	1/2	3,045.71	1/2	2,667.98
3/4		3/4		3/4		3/4		3/4	4,848.52	3/4	4,517.84	3/4	4,166.42	3/4	3,793.29	3/4	3,415.57	3/4	3,037.84	3/4	2,660.11
11	11	11	11	11	11	11	11	11	4,841.02	11	4,510.79	11	4,158.84	11	3,785.42	11	3,407.70	11	3,029.97	11	2,652.24
1/4		1/4		1/4		1/4		1/4	4,833.52	1/4	4,503.75	1/4	4,151.25	1/4	3,777.55	1/4	3,399.83	1/4	3,022.10	1/4	2,644.37
1/2		1/2		1/2		1/2		1/2	4,826.03	1/2	4,496.70	1/2	4,143.67	1/2	3,769.68	1/2	3,391.96	1/2	3,014.23	1/2	2,636.51
3/4		3/4		3/4		3/4		3/4	4,819.10	3/4	4,489.62	3/4	4,136.04	3/4	3,761.82	3/4	3,384.09	3/4	3,006.36	3/4	2,628.64

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 50'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 27784"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	2,620.77	0	2,243.04	0	1,865.31	0	1,487.60	0	1,111.04	0	735.23	0	368.52	0	48.65	0		0	
1/4	2,612.90	1/4	2,235.17	1/4	1,857.44	1/4	1,479.74	1/4	1,103.22	1/4	727.36	1/4	361.09	1/4	42.75	1/4		1/4	
1/2	2,605.03	1/2	2,227.30	1/2	1,849.57	1/2	1,471.88	1/2	1,095.41	1/2	719.49	1/2	353.67	1/2	36.86	1/2		1/2	
3/4	2,597.16	3/4	2,219.43	3/4	1,841.70	3/4	1,464.04	3/4	1,087.60	3/4	711.62	3/4	346.34	3/4	31.46	3/4		3/4	
1	2,589.29	1	2,211.56	1	1,833.83	1	1,456.20	1	1,079.79	1	703.75	1	339.01	1	26.07	1		1	
1/4	2,581.42	1/4	2,203.69	1/4	1,825.96	1/4	1,448.36	1/4	1,071.98	1/4	695.88	1/4	331.69	1/4	20.67	1/4		1/4	
1/2	2,573.55	1/2	2,195.82	1/2	1,818.09	1/2	1,440.52	1/2	1,064.16	1/2	688.01	1/2	324.36	1/2	15.28	1/2		1/2	
3/4	2,565.68	3/4	2,187.96	3/4	1,810.22	3/4	1,432.67	3/4	1,056.35	3/4	680.14	3/4	317.12	3/4	11.90	3/4		3/4	
2	2,557.81	2	2,180.09	2	1,802.35	2	1,424.83	2	1,048.54	2	672.27	2	309.88	2	8.53	2		2	
1/4	2,549.94	1/4	2,172.22	1/4	1,794.48	1/4	1,416.99	1/4	1,040.73	1/4	664.40	1/4	302.64	1/4		1/4		1/4	
1/2	2,542.07	1/2	2,164.35	1/2	1,786.61	1/2	1,409.15	1/2	1,032.92	1/2	656.53	1/2	295.40	1/2		1/2		1/2	
3/4	2,534.20	3/4	2,156.48	3/4	1,778.74	3/4	1,401.31	3/4	1,025.10	3/4	648.66	3/4	288.26	3/4		3/4		3/4	
3	2,526.33	3	2,148.61	3	1,770.87	3	1,393.46	3	1,017.29	3	640.79	3	281.12	3		3		3	
1/4	2,518.47	1/4	2,140.74	1/4	1,763.00	1/4	1,385.62	1/4	1,009.48	1/4	632.93	1/4	273.98	1/4		1/4		1/4	
1/2	2,510.60	1/2	2,132.87	1/2	1,755.13	1/2	1,377.78	1/2	1,001.67	1/2	625.06	1/2	266.84	1/2		1/2		1/2	
3/4	2,502.73	3/4	2,125.00	3/4	1,747.27	3/4	1,369.94	3/4	993.86	3/4	617.19	3/4	259.80	3/4		3/4		3/4	
4	2,494.86	4	2,117.13	4	1,739.40	4	1,362.09	4	986.04	4	609.31	4	252.76	4		4		4	
1/4	2,486.99	1/4	2,109.26	1/4	1,731.53	1/4	1,354.25	1/4	978.23	1/4	601.44	1/4	245.72	1/4		1/4		1/4	
1/2	2,479.12	1/2	2,101.39	1/2	1,723.66	1/2	1,346.41	1/2	970.42	1/2	593.57	1/2	238.69	1/2		1/2		1/2	
3/4	2,471.25	3/4	2,093.52	3/4	1,715.79	3/4	1,338.57	3/4	962.61	3/4	585.70	3/4	231.75	3/4		3/4		3/4	
5	2,463.38	5	2,085.65	5	1,707.92	5	1,330.72	5	954.80	5	577.83	5	224.82	5		5		5	
1/4	2,455.51	1/4	2,077.78	1/4	1,700.05	1/4	1,322.88	1/4	946.98	1/4	569.96	1/4	217.88	1/4		1/4		1/4	
1/2	2,447.64	1/2	2,069.92	1/2	1,692.18	1/2	1,315.04	1/2	939.17	1/2	562.09	1/2	210.95	1/2		1/2		1/2	
3/4	2,439.77	3/4	2,062.05	3/4	1,684.31	3/4	1,307.18	3/4	931.36	3/4	554.22	3/4	204.13	3/4		3/4		3/4	
6	2,431.90	6	2,054.18	6	1,676.44	6	1,299.32	6	923.55	6	546.35	6	197.30	6		6		6	
1/4	2,424.03	1/4	2,046.31	1/4	1,668.57	1/4	1,291.47	1/4	915.74	1/4	538.48	1/4	190.48	1/4		1/4		1/4	
1/2	2,416.16	1/2	2,038.44	1/2	1,660.70	1/2	1,283.61	1/2	907.92	1/2	530.61	1/2	183.66	1/2		1/2		1/2	
3/4	2,408.30	3/4	2,030.57	3/4	1,652.83	3/4	1,275.74	3/4	900.11	3/4	522.97	3/4	176.95	3/4		3/4		3/4	
7	2,400.43	7	2,022.70	7	1,644.96	7	1,267.87	7	892.30	7	515.34	7	170.25	7		7		7	
1/4	2,392.56	1/4	2,014.83	1/4	1,637.09	1/4	1,260.00	1/4	884.48	1/4	507.70	1/4	163.55	1/4		1/4		1/4	
1/2	2,384.69	1/2	2,006.96	1/2	1,629.22	1/2	1,252.13	1/2	876.67	1/2	500.06	1/2	156.84	1/2		1/2		1/2	
3/4	2,376.82	3/4	1,999.09	3/4	1,621.35	3/4	1,244.26	3/4	868.84	3/4	492.91	3/4	150.25	3/4		3/4		3/4	
8	2,368.95	8	1,991.22	8	1,613.48	8	1,236.39	8	861.01	8	485.77	8	143.66	8		8		8	
1/4	2,361.08	1/4	1,983.35	1/4	1,605.61	1/4	1,228.52	1/4	853.18	1/4	478.62	1/4	137.07	1/4		1/4		1/4	
1/2	2,353.21	1/2	1,975.48	1/2	1,597.74	1/2	1,220.65	1/2	845.35	1/2	471.48	1/2	130.48	1/2		1/2		1/2	
3/4	2,345.34	3/4	1,967.61	3/4	1,589.87	3/4	1,212.79	3/4	837.50	3/4	464.41	3/4	124.23	3/4		3/4		3/4	
9	2,337.47	9	1,959.74	9	1,582.00	9	1,204.94	9	829.64	9	457.34	9	117.97	9		9		9	
1/4	2,329.60	1/4	1,951.87	1/4	1,574.13	1/4	1,197.08	1/4	821.79	1/4	450.27	1/4	111.72	1/4		1/4		1/4	
1/2	2,321.73	1/2	1,944.01	1/2	1,566.26	1/2	1,189.23	1/2	813.93	1/2	443.20	1/2	105.46	1/2		1/2		1/2	
3/4	2,313.86	3/4	1,936.14	3/4	1,558.39	3/4	1,181.40	3/4	806.06	3/4	435.78	3/4	99.78	3/4		3/4		3/4	
10	2,305.99	10	1,928.27	10	1,550.53	10	1,173.57	10	798.19	10	428.36	10	94.09	10		10		10	
1/4	2,298.13	1/4	1,920.40	1/4	1,542.66	1/4	1,165.74	1/4	790.32	1/4	420.93	1/4	88.40	1/4		1/4		1/4	
1/2	2,290.26	1/2	1,912.53	1/2	1,534.79	1/2	1,157.91	1/2	782.45	1/2	413.51	1/2	82.72	1/2		1/2		1/2	
3/4	2,282.39	3/4	1,904.66	3/4	1,526.92	3/4	1,150.10	3/4	774.58	3/4	405.98	3/4	77.15	3/4		3/4		3/4	
11	2,274.52	11	1,896.79	11	1,519.05	11	1,142.29	11	766.71	11	398.44	11	71.58	11		11		11	
1/4	2,266.65	1/4	1,888.92	1/4	1,511.18	1/4	1,134.47	1/4	758.84	1/4	390.90	1/4	66.01	1/4		1/4		1/4	
1/2	2,258.78	1/2	1,881.05	1/2	1,503.31	1/2	1,126.66	1/2	750.97	1/2	383.37	1/2	60.44	1/2		1/2		1/2	
3/4	2,250.91	3/4	1,873.18	3/4	1,495.45	3/4	1,118.85	3/4	743.10	3/4	375.94	3/4	54.54	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27784"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	0	0	0	0	0	0	0	0	4,829.73	0	4,500.23	0	4,147.02	0	3,772.88	0	3,394.97	0	3,017.07
1/4		1/4		1/4		1/4		1/4	4,822.80	1/4	4,493.14	1/4	4,139.39	1/4	3,765.01	1/4	3,387.10	1/4	3,009.20
1/2		1/2		1/2		1/2		1/2	4,815.87	1/2	4,486.05	1/2	4,131.77	1/2	3,757.13	1/2	3,379.23	1/2	3,001.32
3/4		3/4		3/4		3/4		3/4	4,808.94	3/4	4,478.97	3/4	4,124.14	3/4	3,749.26	3/4	3,371.36	3/4	2,993.45
1	1	1	1	1	1	1	1	1	4,802.01	1	4,471.88	1	4,116.51	1	3,741.39	1	3,363.48	1	2,985.58
1/4		1/4		1/4		1/4		1/4	4,795.34	1/4	4,464.76	1/4	4,108.85	1/4	3,733.51	1/4	3,355.61	1/4	2,977.71
1/2		1/2		1/2		1/2		1/2	4,788.67	1/2	4,457.63	1/2	4,101.18	1/2	3,725.64	1/2	3,347.74	1/2	2,969.83
3/4		3/4		3/4		3/4		3/4	4,782.00	3/4	4,450.51	3/4	4,093.52	3/4	3,717.77	3/4	3,339.86	3/4	2,961.96
2	2	2	2	2	2	2	2	2	4,775.33	2	4,443.38	2	4,085.86	2	3,709.89	2	3,331.99	2	2,954.09
1/4		1/4		1/4		1/4		1/4	4,768.63	1/4	4,436.20	1/4	4,078.15	1/4	3,702.02	1/4	3,324.12	1/4	2,946.21
1/2		1/2		1/2		1/2		1/2	4,761.92	1/2	4,429.02	1/2	4,070.45	1/2	3,694.15	1/2	3,316.24	1/2	2,938.34
3/4		3/4		3/4		3/4		3/4	4,755.21	3/4	4,421.83	3/4	4,062.75	3/4	3,686.28	3/4	3,308.37	3/4	2,930.47
3	3	3	3	3	3	3	3	3	4,748.51	3	4,414.65	3	4,055.05	3	3,678.40	3	3,300.50	3	2,922.59
1/4		1/4		1/4		1/4		1/4	4,741.76	1/4	4,407.39	1/4	4,047.31	1/4	3,670.53	1/4	3,292.63	1/4	2,914.72
1/2		1/2		1/2		1/2		1/2	4,735.02	1/2	4,400.12	1/2	4,039.57	1/2	3,662.66	1/2	3,284.75	1/2	2,906.85
3/4		3/4		3/4		3/4		3/4	4,728.27	3/4	4,392.86	3/4	4,031.83	3/4	3,654.78	3/4	3,276.88	3/4	2,898.98
4	4	4	4	4	4	4	4	4	4,721.53	4	4,385.60	4	4,024.09	4	3,646.91	4	3,269.01	4	2,891.10
1/4		1/4		1/4		1/4		1/4	4,714.74	1/4	4,378.27	1/4	4,016.31	1/4	3,639.04	1/4	3,261.13	1/4	2,883.23
1/2		1/2		1/2		1/2		1/2	4,707.96	1/2	4,370.95	1/2	4,008.53	1/2	3,631.16	1/2	3,253.26	1/2	2,875.36
3/4		3/4		3/4		3/4		3/4	4,701.18	3/4	4,363.63	3/4	4,000.75	3/4	3,623.29	3/4	3,245.39	3/4	2,867.48
5	5	5	5	5	5	5	5	5	4,694.40	5	4,356.31	5	3,992.97	5	3,615.42	5	3,237.51	5	2,859.61
1/4		1/4		1/4		1/4		1/4	4,687.57	1/4	4,348.94	1/4	3,985.16	1/4	3,607.55	1/4	3,229.64	1/4	2,851.74
1/2		1/2		1/2		1/2		1/2	4,680.75	1/2	4,341.58	1/2	3,977.34	1/2	3,599.67	1/2	3,221.77	1/2	2,843.86
3/4		3/4		3/4		3/4		3/4	4,673.93	3/4	4,334.22	3/4	3,969.53	3/4	3,591.80	3/4	3,213.90	3/4	2,835.99
6	6	6	6	6	6	6	6	6	4,667.11	6	4,326.86	6	3,961.71	6	3,583.93	6	3,206.02	6	2,828.12
1/4		1/4		1/4		1/4		1/4	4,660.25	1/4	4,319.46	1/4	3,953.86	1/4	3,576.05	1/4	3,198.15	1/4	2,820.25
1/2		1/2		1/2		1/2		1/2	4,653.40	1/2	4,312.07	1/2	3,946.01	1/2	3,568.18	1/2	3,190.28	1/2	2,812.37
3/4		3/4		3/4		3/4		3/4	4,646.54	3/4	4,304.67	3/4	3,938.16	3/4	3,560.31	3/4	3,182.40	3/4	2,804.50
7	7	7	7	7	7	7	7	7	4,970.39	7	4,639.68	7	4,297.27	7	3,930.31	7	3,552.43	7	3,174.53
1/4		1/4		1/4		1/4		1/4	4,964.90	1/4	4,632.78	1/4	4,289.83	1/4	3,922.45	1/4	3,544.56	1/4	3,166.66
1/2		1/2		1/2		1/2		1/2	4,959.41	1/2	4,625.88	1/2	4,282.39	1/2	3,914.58	1/2	3,536.69	1/2	3,158.78
3/4		3/4		3/4		3/4		3/4	4,953.92	3/4	4,618.99	3/4	4,274.96	3/4	3,906.71	3/4	3,528.82	3/4	3,150.91
8	8	8	8	8	8	8	8	8	4,948.42	8	4,612.09	8	4,267.52	8	3,898.85	8	3,520.94	8	3,143.04
1/4		1/4		1/4		1/4		1/4	4,941.64	1/4	4,605.16	1/4	4,260.05	1/4	3,890.97	1/4	3,513.07	1/4	3,135.17
1/2		1/2		1/2		1/2		1/2	4,934.86	1/2	4,598.22	1/2	4,252.57	1/2	3,883.10	1/2	3,505.20	1/2	3,127.29
3/4		3/4		3/4		3/4		3/4	4,928.07	3/4	4,591.29	3/4	4,245.10	3/4	3,875.23	3/4	3,497.32	3/4	3,119.42
9	9	9	9	9	9	9	9	9	4,921.29	9	4,584.35	9	4,237.62	9	3,867.35	9	3,489.45	9	3,111.55
1/4		1/4		1/4		1/4		1/4	4,913.69	1/4	4,577.38	1/4	4,230.11	1/4	3,859.48	1/4	3,481.58	1/4	3,103.67
1/2		1/2		1/2		1/2		1/2	4,906.09	1/2	4,570.41	1/2	4,222.60	1/2	3,851.61	1/2	3,473.70	1/2	3,095.80
3/4		3/4		3/4		3/4		3/4	4,898.48	3/4	4,563.44	3/4	4,215.09	3/4	3,843.74	3/4	3,465.83	3/4	3,087.93
10	10	10	10	10	10	10	10	10	4,890.88	10	4,556.46	10	4,207.57	10	3,835.86	10	3,457.96	10	3,080.05
1/4		1/4		1/4		1/4		1/4	4,883.09	1/4	4,549.45	1/4	4,200.02	1/4	3,827.99	1/4	3,450.09	1/4	3,072.18
1/2		1/2		1/2		1/2		1/2	4,875.30	1/2	4,542.44	1/2	4,192.47	1/2	3,820.12	1/2	3,442.21	1/2	3,064.31
3/4		3/4		3/4		3/4		3/4	4,867.51	3/4	4,535.43	3/4	4,184.92	3/4	3,812.24	3/4	3,434.34	3/4	3,056.44
11	11	11	11	11	11	11	11	11	4,859.72	11	4,528.42	11	4,177.37	11	3,804.37	11	3,426.47	11	3,048.56
1/4		1/4		1/4		1/4		1/4	4,852.23	1/4	4,521.37	1/4	4,169.78	1/4	3,796.50	1/4	3,418.59	1/4	3,040.69
1/2		1/2		1/2		1/2		1/2	4,844.73	1/2	4,514.32	1/2	4,162.20	1/2	3,788.62	1/2	3,410.72	1/2	3,032.82
3/4		3/4		3/4		3/4		3/4	4,837.23	3/4	4,507.28	3/4	4,154.61	3/4	3,780.75	3/4	3,402.85	3/4	3,024.94

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 50'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 27784"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,639.17	0	2,261.26	0	1,883.35	0	1,505.44	0	1,128.33	0	751.36	0	383.59	0	60.48	0		0	
1/4	2,631.29	1/4	2,253.39	1/4	1,875.48	1/4	1,497.58	1/4	1,120.48	1/4	743.49	1/4	376.16	1/4	54.58	1/4		1/4	
1/2	2,623.42	1/2	2,245.52	1/2	1,867.61	1/2	1,489.72	1/2	1,112.64	1/2	735.62	1/2	368.73	1/2	48.68	1/2		1/2	
3/4	2,615.55	3/4	2,237.64	3/4	1,859.74	3/4	1,481.86	3/4	1,104.79	3/4	727.74	3/4	361.30	3/4	42.78	3/4		3/4	
1	2,607.67	1	2,229.77	1	1,851.86	1	1,474.00	1	1,096.95	1	719.87	1	353.87	1	36.88	1		1	
1/4	2,599.80	1/4	2,221.90	1/4	1,843.99	1/4	1,466.16	1/4	1,089.10	1/4	712.00	1/4	346.54	1/4	31.49	1/4		1/4	
1/2	2,591.93	1/2	2,214.02	1/2	1,836.12	1/2	1,458.31	1/2	1,081.26	1/2	704.12	1/2	339.21	1/2	26.09	1/2		1/2	
3/4	2,584.06	3/4	2,206.15	3/4	1,828.24	3/4	1,450.47	3/4	1,073.41	3/4	696.25	3/4	331.88	3/4	20.69	3/4		3/4	
2	2,576.18	2	2,198.28	2	1,820.37	2	1,442.62	2	1,065.57	2	688.38	2	324.55	2	15.29	2		2	
1/4	2,568.31	1/4	2,190.41	1/4	1,812.50	1/4	1,434.78	1/4	1,057.72	1/4	680.50	1/4	317.30	1/4	11.92	1/4		1/4	
1/2	2,560.44	1/2	2,182.53	1/2	1,804.62	1/2	1,426.93	1/2	1,049.88	1/2	672.63	1/2	310.06	1/2	8.54	1/2		1/2	
3/4	2,552.56	3/4	2,174.66	3/4	1,796.75	3/4	1,419.08	3/4	1,042.04	3/4	664.76	3/4	302.82	3/4		3/4		3/4	
3	2,544.69	3	2,166.79	3	1,788.88	3	1,411.24	3	1,034.19	3	656.88	3	295.58	3		3		3	
1/4	2,536.82	1/4	2,158.91	1/4	1,781.00	1/4	1,403.39	1/4	1,026.35	1/4	649.01	1/4	288.43	1/4		1/4		1/4	
1/2	2,528.94	1/2	2,151.04	1/2	1,773.13	1/2	1,395.55	1/2	1,018.50	1/2	641.13	1/2	281.29	1/2		1/2		1/2	
3/4	2,521.07	3/4	2,143.17	3/4	1,765.26	3/4	1,387.70	3/4	1,010.66	3/4	633.26	3/4	274.14	3/4		3/4		3/4	
4	2,513.20	4	2,135.29	4	1,757.38	4	1,379.85	4	1,002.81	4	625.39	4	267.00	4		4		4	
1/4	2,505.33	1/4	2,127.42	1/4	1,749.51	1/4	1,372.01	1/4	994.97	1/4	617.51	1/4	259.96	1/4		1/4		1/4	
1/2	2,497.45	1/2	2,119.55	1/2	1,741.64	1/2	1,364.16	1/2	987.12	1/2	609.64	1/2	252.91	1/2		1/2		1/2	
3/4	2,489.58	3/4	2,111.68	3/4	1,733.76	3/4	1,356.32	3/4	979.28	3/4	601.77	3/4	245.87	3/4		3/4		3/4	
5	2,481.71	5	2,103.80	5	1,725.89	5	1,348.47	5	971.43	5	593.89	5	238.83	5		5		5	
1/4	2,473.83	1/4	2,095.93	1/4	1,718.02	1/4	1,340.62	1/4	963.59	1/4	586.02	1/4	231.89	1/4		1/4		1/4	
1/2	2,465.96	1/2	2,088.06	1/2	1,710.14	1/2	1,332.78	1/2	955.74	1/2	578.15	1/2	224.96	1/2		1/2		1/2	
3/4	2,458.09	3/4	2,080.18	3/4	1,702.27	3/4	1,324.93	3/4	947.90	3/4	570.27	3/4	218.02	3/4		3/4		3/4	
6	2,450.21	6	2,072.31	6	1,694.40	6	1,317.08	6	940.06	6	562.40	6	211.08	6		6		6	
1/4	2,442.34	1/4	2,064.44	1/4	1,686.52	1/4	1,309.22	1/4	932.21	1/4	554.52	1/4	204.25	1/4		1/4		1/4	
1/2	2,434.47	1/2	2,056.56	1/2	1,678.65	1/2	1,301.36	1/2	924.37	1/2	546.65	1/2	197.43	1/2		1/2		1/2	
3/4	2,426.60	3/4	2,048.69	3/4	1,670.78	3/4	1,293.50	3/4	916.52	3/4	538.78	3/4	190.60	3/4		3/4		3/4	
7	2,418.72	7	2,040.82	7	1,662.91	7	1,285.64	7	908.68	7	530.90	7	183.77	7		7		7	
1/4	2,410.85	1/4	2,032.95	1/4	1,655.03	1/4	1,277.77	1/4	900.83	1/4	523.26	1/4	177.07	1/4		1/4		1/4	
1/2	2,402.98	1/2	2,025.07	1/2	1,647.16	1/2	1,269.90	1/2	892.98	1/2	515.62	1/2	170.36	1/2		1/2		1/2	
3/4	2,395.10	3/4	2,017.20	3/4	1,639.29	3/4	1,262.02	3/4	885.14	3/4	507.98	3/4	163.65	3/4		3/4		3/4	
8	2,387.23	8	2,009.33	8	1,631.41	8	1,254.15	8	877.29	8	500.34	8	156.94	8		8		8	
1/4	2,379.36	1/4	2,001.45	1/4	1,623.54	1/4	1,246.27	1/4	869.43	1/4	493.19	1/4	150.35	1/4		1/4		1/4	
1/2	2,371.48	1/2	1,993.58	1/2	1,615.67	1/2	1,238.40	1/2	861.57	1/2	486.04	1/2	143.76	1/2		1/2		1/2	
3/4	2,363.61	3/4	1,985.71	3/4	1,607.79	3/4	1,230.53	3/4	853.71	3/4	478.89	3/4	137.16	3/4		3/4		3/4	
9	2,355.74	9	1,977.83	9	1,599.92	9	1,222.65	9	845.85	9	471.74	9	130.57	9		9		9	
1/4	2,347.87	1/4	1,969.96	1/4	1,592.05	1/4	1,214.78	1/4	837.97	1/4	464.66	1/4	124.31	1/4		1/4		1/4	
1/2	2,339.99	1/2	1,962.09	1/2	1,584.17	1/2	1,206.91	1/2	830.10	1/2	457.59	1/2	118.05	1/2		1/2		1/2	
3/4	2,332.12	3/4	1,954.21	3/4	1,576.30	3/4	1,199.03	3/4	822.23	3/4	450.52	3/4	111.79	3/4		3/4		3/4	
10	2,324.25	10	1,946.34	10	1,568.43	10	1,191.16	10	814.35	10	443.45	10	105.54	10		10		10	
1/4	2,316.37	1/4	1,938.47	1/4	1,560.55	1/4	1,183.30	1/4	806.48	1/4	436.02	1/4	99.85	1/4		1/4		1/4	
1/2	2,308.50	1/2	1,930.59	1/2	1,552.68	1/2	1,175.44	1/2	798.60	1/2	428.60	1/2	94.16	1/2		1/2		1/2	
3/4	2,300.63	3/4	1,922.72	3/4	1,544.81	3/4	1,167.57	3/4	790.73	3/4	421.17	3/4	88.47	3/4		3/4		3/4	
11	2,292.75	11	1,914.85	11	1,536.93	11	1,159.71	11	782.86	11	413.74	11	82.78	11		11		11	
1/4	2,284.88	1/4	1,906.97	1/4	1,529.06	1/4	1,151.87	1/4	774.98	1/4	406.20	1/4	77.20	1/4		1/4		1/4	
1/2	2,277.01	1/2	1,899.10	1/2	1,521.19	1/2	1,144.02	1/2	767.11	1/2	398.66	1/2	71.63	1/2		1/2		1/2	
3/4	2,269.14	3/4	1,891.23	3/4	1,513.31	3/4	1,136.17	3/4	759.24	3/4	391.12	3/4	66.06	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 27784"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,661.05	0	4,347.44	0	4,013.06	0	3,658.26	0	3,299.34	0	2,940.42
1/4		1/4		1/4		1/4		1/4	4,653.93	1/4	4,340.75	1/4	4,005.86	1/4	3,650.79	1/4	3,291.87	1/4	2,932.95
1/2		1/2		1/2		1/2		1/2	4,646.81	1/2	4,334.06	1/2	3,998.65	1/2	3,643.31	1/2	3,284.39	1/2	2,925.47
3/4		3/4		3/4		3/4		3/4	4,640.23	3/4	4,327.34	3/4	3,991.41	3/4	3,635.83	3/4	3,276.91	3/4	2,917.99
1		1		1		1		1	4,633.65	1	4,320.61	1	3,984.16	1	3,628.35	1	3,269.43	1	2,910.51
1/4		1/4		1/4		1/4		1/4	4,627.08	1/4	4,313.88	1/4	3,976.92	1/4	3,620.88	1/4	3,261.96	1/4	2,903.04
1/2		1/2		1/2		1/2		1/2	4,620.50	1/2	4,307.16	1/2	3,969.68	1/2	3,613.40	1/2	3,254.48	1/2	2,895.56
3/4		3/4		3/4		3/4		3/4	4,614.17	3/4	4,300.39	3/4	3,962.40	3/4	3,605.92	3/4	3,247.00	3/4	2,888.08
2		2		2		2		2	4,607.84	2	4,293.63	2	3,955.12	2	3,598.44	2	3,239.52	2	2,880.60
1/4		1/4		1/4		1/4		1/4	4,601.51	1/4	4,286.87	1/4	3,947.84	1/4	3,590.97	1/4	3,232.05	1/4	2,873.13
1/2		1/2		1/2		1/2		1/2	4,595.18	1/2	4,280.11	1/2	3,940.56	1/2	3,583.49	1/2	3,224.57	1/2	2,865.65
3/4		3/4		3/4		3/4		3/4	4,588.81	3/4	4,273.29	3/4	3,933.24	3/4	3,576.01	3/4	3,217.09	3/4	2,858.17
3		3		3		3		3	4,582.45	3	4,266.47	3	3,925.93	3	3,568.53	3	3,209.61	3	2,850.69
1/4		1/4		1/4		1/4		1/4	4,576.08	1/4	4,259.65	1/4	3,918.61	1/4	3,561.06	1/4	3,202.14	1/4	2,843.22
1/2		1/2		1/2		1/2		1/2	4,569.72	1/2	4,252.83	1/2	3,911.30	1/2	3,553.58	1/2	3,194.66	1/2	2,835.74
3/4		3/4		3/4		3/4		3/4	4,563.32	3/4	4,245.93	3/4	3,903.95	3/4	3,546.10	3/4	3,187.18	3/4	2,828.26
4		4		4		4		4	4,556.91	4	4,239.04	4	3,896.59	4	3,538.62	4	3,179.70	4	2,820.78
1/4		1/4		1/4		1/4		1/4	4,550.51	1/4	4,232.14	1/4	3,889.24	1/4	3,531.15	1/4	3,172.23	1/4	2,813.31
1/2		1/2		1/2		1/2		1/2	4,544.11	1/2	4,225.24	1/2	3,881.89	1/2	3,523.67	1/2	3,164.75	1/2	2,805.83
3/4		3/4		3/4		3/4		3/4	4,537.67	3/4	4,218.29	3/4	3,874.51	3/4	3,516.19	3/4	3,157.27	3/4	2,798.35
5		5		5		5		5	4,531.23	5	4,211.33	5	3,867.12	5	3,508.71	5	3,149.79	5	2,790.87
1/4		1/4		1/4		1/4		1/4	4,524.80	1/4	4,204.38	1/4	3,859.73	1/4	3,501.24	1/4	3,142.32	1/4	2,783.40
1/2		1/2		1/2		1/2		1/2	4,518.36	1/2	4,197.42	1/2	3,852.34	1/2	3,493.76	1/2	3,134.84	1/2	2,775.92
3/4		3/4		3/4		3/4		3/4	4,511.88	3/4	4,190.43	3/4	3,844.92	3/4	3,486.28	3/4	3,127.36	3/4	2,768.44
6		6		6		6		6	4,505.41	6	4,183.44	6	3,837.50	6	3,478.80	6	3,119.88	6	2,760.96
1/4		1/4		1/4		1/4		1/4	4,498.94	1/4	4,176.45	1/4	3,830.07	1/4	3,471.33	1/4	3,112.41	1/4	2,753.49
1/2		1/2		1/2		1/2		1/2	4,492.46	1/2	4,169.46	1/2	3,822.65	1/2	3,463.85	1/2	3,104.93	1/2	2,746.01
3/4		3/4		3/4		3/4		3/4	4,485.95	3/4	4,162.43	3/4	3,815.19	3/4	3,456.37	3/4	3,097.45	3/4	2,738.53
7		7		7		7		7	4,479.44	7	4,155.40	7	3,807.74	7	3,448.89	7	3,089.97	7	2,731.05
1/4		1/4		1/4		1/4		1/4	4,472.93	1/4	4,148.38	1/4	3,800.28	1/4	3,441.42	1/4	3,082.50	1/4	2,723.58
1/2		1/2		1/2		1/2		1/2	4,466.42	1/2	4,141.35	1/2	3,792.83	1/2	3,433.94	1/2	3,075.02	1/2	2,716.10
3/4		3/4		3/4		3/4		3/4	4,459.88	3/4	4,134.29	3/4	3,785.36	3/4	3,426.46	3/4	3,067.54	3/4	2,708.62
8		8		8		8		8	4,453.33	8	4,127.22	8	3,777.89	8	3,418.98	8	3,060.06	8	2,701.14
1/4		1/4		1/4		1/4		1/4	4,446.79	1/4	4,120.16	1/4	3,770.42	1/4	3,411.51	1/4	3,052.59	1/4	2,693.67
1/2		1/2		1/2		1/2		1/2	4,440.24	1/2	4,113.10	1/2	3,762.95	1/2	3,404.03	1/2	3,045.11	1/2	2,686.19
3/4		3/4		3/4		3/4		3/4	4,433.66	3/4	4,106.00	3/4	3,755.47	3/4	3,396.55	3/4	3,037.63	3/4	2,678.71
9		9		9		9		9	4,427.08	9	4,098.90	9	3,747.99	9	3,389.07	9	3,030.15	9	2,671.23
1/4		1/4		1/4		1/4		1/4	4,420.49	1/4	4,091.80	1/4	3,740.52	1/4	3,381.60	1/4	3,022.68	1/4	2,663.76
1/2		1/2		1/2		1/2		1/2	4,413.91	1/2	4,084.70	1/2	3,733.04	1/2	3,374.12	1/2	3,015.20	1/2	2,656.28
3/4		3/4		3/4		3/4		3/4	4,407.29	3/4	4,077.57	3/4	3,725.56	3/4	3,366.64	3/4	3,007.72	3/4	2,648.80
10		10		10		10		10	4,400.67	10	4,070.43	10	3,718.08	10	3,359.16	10	3,000.24	10	2,641.32
1/4		1/4		1/4		1/4		1/4	4,412.07	1/4	4,394.06	1/4	4,063.30	1/4	3,710.61	1/4	3,351.69	1/4	2,992.77
1/2		1/2		1/2		1/2		1/2	4,404.85	1/2	4,387.44	1/2	4,056.16	1/2	3,703.13	1/2	3,344.21	1/2	2,985.29
3/4		3/4		3/4		3/4		3/4	4,397.46	3/4	4,380.78	3/4	4,048.99	3/4	3,695.65	3/4	3,336.73	3/4	2,977.81
11		11		11		11		11	4,390.07	11	4,374.13	11	4,041.82	11	3,688.17	11	3,329.25	11	2,970.33
1/4		1/4		1/4		1/4		1/4	4,382.67	1/4	4,367.48	1/4	4,034.65	1/4	3,680.70	1/4	3,321.78	1/4	2,962.86
1/2		1/2		1/2		1/2		1/2	4,375.28	1/2	4,360.82	1/2	4,027.48	1/2	3,673.22	1/2	3,314.30	1/2	2,955.38
3/4		3/4		3/4		3/4		3/4	4,368.16	3/4	4,354.13	3/4	4,020.27	3/4	3,665.74	3/4	3,306.82	3/4	2,947.90

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 27784"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,581.50	0	2,222.58	0	1,863.66	0	1,504.90	0	1,152.19	0	807.52	0	455.71	0	102.50	0		0	
1/4	2,574.03	1/4	2,215.11	1/4	1,856.19	1/4	1,497.50	1/4	1,145.04	1/4	800.04	1/4	448.25	1/4	95.73	1/4		1/4	
1/2	2,566.55	1/2	2,207.63	1/2	1,848.71	1/2	1,490.10	1/2	1,137.89	1/2	792.56	1/2	440.80	1/2	88.96	1/2		1/2	
3/4	2,559.07	3/4	2,200.15	3/4	1,841.23	3/4	1,482.79	3/4	1,130.74	3/4	785.08	3/4	433.35	3/4	81.77	3/4		3/4	
1	2,551.59	1	2,192.67	1	1,833.75	1	1,475.47	1	1,123.59	1	777.61	1	425.90	1	74.59	1		1	
1/4	2,544.12	1/4	2,185.20	1/4	1,826.27	1/4	1,468.16	1/4	1,116.45	1/4	770.13	1/4	418.45	1/4	67.41	1/4		1/4	
1/2	2,536.64	1/2	2,177.72	1/2	1,818.80	1/2	1,460.84	1/2	1,109.30	1/2	762.65	1/2	411.00	1/2	60.23	1/2		1/2	
3/4	2,529.16	3/4	2,170.24	3/4	1,811.32	3/4	1,453.52	3/4	1,102.15	3/4	755.17	3/4	403.55	3/4	53.42	3/4		3/4	
2	2,521.68	2	2,162.76	2	1,803.84	2	1,446.21	2	1,095.00	2	747.69	2	396.09	2	46.62	2		2	
1/4	2,514.21	1/4	2,155.29	1/4	1,796.36	1/4	1,438.89	1/4	1,087.85	1/4	740.22	1/4	388.64	1/4	39.81	1/4		1/4	
1/2	2,506.73	1/2	2,147.81	1/2	1,788.89	1/2	1,431.58	1/2	1,080.71	1/2	732.74	1/2	381.18	1/2	33.01	1/2		1/2	
3/4	2,499.25	3/4	2,140.33	3/4	1,781.41	3/4	1,424.26	3/4	1,073.56	3/4	725.26	3/4	373.71	3/4	28.03	3/4		3/4	
3	2,491.77	3	2,132.85	3	1,773.93	3	1,416.95	3	1,066.41	3	717.78	3	366.24	3	23.04	3		3	
1/4	2,484.30	1/4	2,125.38	1/4	1,766.45	1/4	1,409.63	1/4	1,059.26	1/4	710.30	1/4	358.77	1/4		1/4		1/4	
1/2	2,476.82	1/2	2,117.90	1/2	1,758.98	1/2	1,402.31	1/2	1,052.11	1/2	702.83	1/2	351.30	1/2		1/2		1/2	
3/4	2,469.34	3/4	2,110.42	3/4	1,751.50	3/4	1,395.00	3/4	1,044.97	3/4	695.35	3/4	343.82	3/4		3/4		3/4	
4	2,461.86	4	2,102.94	4	1,744.02	4	1,387.68	4	1,037.82	4	687.87	4	336.35	4		4		4	
1/4	2,454.39	1/4	2,095.47	1/4	1,736.54	1/4	1,380.37	1/4	1,030.67	1/4	680.39	1/4	328.87	1/4		1/4		1/4	
1/2	2,446.91	1/2	2,087.99	1/2	1,729.06	1/2	1,373.05	1/2	1,023.52	1/2	672.91	1/2	321.39	1/2		1/2		1/2	
3/4	2,439.43	3/4	2,080.51	3/4	1,721.59	3/4	1,365.73	3/4	1,016.37	3/4	665.44	3/4	313.92	3/4		3/4		3/4	
5	2,431.95	5	2,073.03	5	1,714.11	5	1,358.42	5	1,009.23	5	657.96	5	306.44	5		5		5	
1/4	2,424.48	1/4	2,065.56	1/4	1,706.63	1/4	1,351.10	1/4	1,002.08	1/4	650.48	1/4	298.96	1/4		1/4		1/4	
1/2	2,417.00	1/2	2,058.08	1/2	1,699.15	1/2	1,343.78	1/2	994.93	1/2	643.00	1/2	291.48	1/2		1/2		1/2	
3/4	2,409.52	3/4	2,050.60	3/4	1,691.68	3/4	1,336.39	3/4	987.78	3/4	635.52	3/4	284.01	3/4		3/4		3/4	
6	2,402.04	6	2,043.12	6	1,684.20	6	1,328.99	6	980.63	6	628.04	6	276.53	6		6		6	
1/4	2,394.57	1/4	2,035.65	1/4	1,676.72	1/4	1,321.59	1/4	973.49	1/4	620.57	1/4	269.05	1/4		1/4		1/4	
1/2	2,387.09	1/2	2,028.17	1/2	1,669.24	1/2	1,314.20	1/2	966.34	1/2	613.09	1/2	261.57	1/2		1/2		1/2	
3/4	2,379.61	3/4	2,020.69	3/4	1,661.77	3/4	1,306.72	3/4	959.19	3/4	605.61	3/4	254.10	3/4		3/4		3/4	
7	2,372.13	7	2,013.21	7	1,654.29	7	1,299.24	7	952.04	7	598.13	7	246.63	7		7		7	
1/4	2,364.66	1/4	2,005.74	1/4	1,646.81	1/4	1,291.76	1/4	944.90	1/4	590.65	1/4	239.16	1/4		1/4		1/4	
1/2	2,357.18	1/2	1,998.26	1/2	1,639.33	1/2	1,284.28	1/2	937.75	1/2	583.17	1/2	231.69	1/2		1/2		1/2	
3/4	2,349.70	3/4	1,990.78	3/4	1,631.85	3/4	1,276.80	3/4	930.60	3/4	575.92	3/4	224.24	3/4		3/4		3/4	
8	2,342.22	8	1,983.31	8	1,624.38	8	1,269.33	8	923.45	8	568.66	8	216.78	8		8		8	
1/4	2,334.75	1/4	1,975.83	1/4	1,616.90	1/4	1,261.85	1/4	916.30	1/4	561.40	1/4	209.33	1/4		1/4		1/4	
1/2	2,327.27	1/2	1,968.35	1/2	1,609.42	1/2	1,254.37	1/2	909.15	1/2	554.14	1/2	201.87	1/2		1/2		1/2	
3/4	2,319.79	3/4	1,960.87	3/4	1,601.94	3/4	1,246.89	3/4	901.98	3/4	547.33	3/4	194.43	3/4		3/4		3/4	
9	2,312.31	9	1,953.40	9	1,594.47	9	1,239.41	9	894.82	9	540.51	9	186.98	9		9		9	
1/4	2,304.84	1/4	1,945.92	1/4	1,586.99	1/4	1,231.93	1/4	887.66	1/4	533.70	1/4	179.54	1/4		1/4		1/4	
1/2	2,297.36	1/2	1,938.44	1/2	1,579.51	1/2	1,224.46	1/2	880.49	1/2	526.88	1/2	172.09	1/2		1/2		1/2	
3/4	2,289.88	3/4	1,930.96	3/4	1,572.03	3/4	1,217.13	3/4	873.31	3/4	520.07	3/4	164.87	3/4		3/4		3/4	
10	2,282.40	10	1,923.48	10	1,564.55	10	1,209.80	10	866.14	10	513.25	10	157.64	10		10		10	
1/4	2,274.93	1/4	1,916.01	1/4	1,557.08	1/4	1,202.47	1/4	858.96	1/4	506.44	1/4	150.42	1/4		1/4		1/4	
1/2	2,267.45	1/2	1,908.53	1/2	1,549.60	1/2	1,195.15	1/2	851.78	1/2	499.62	1/2	143.19	1/2		1/2		1/2	
3/4	2,259.97	3/4	1,901.05	3/4	1,542.12	3/4	1,187.98	3/4	844.46	3/4	492.37	3/4	136.41	3/4		3/4		3/4	
11	2,252.49	11	1,893.57	11	1,534.64	11	1,180.82	11	837.13	11	485.12	11	129.62	11		11		11	
1/4	2,245.02	1/4	1,886.10	1/4	1,527.17	1/4	1,173.65	1/4	829.80	1/4	477.87	1/4	122.83	1/4		1/4		1/4	
1/2	2,237.54	1/2	1,878.62	1/2	1,519.69	1/2	1,166.49	1/2	822.47	1/2	470.62	1/2	116.05	1/2		1/2		1/2	
3/4	2,230.06	3/4	1,871.14	3/4	1,512.29	3/4	1,159.34	3/4	815.00	3/4	463.16	3/4	109.28	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 SW
CALCULATED: 01/04/2013 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27784"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,667.26	0	4,354.27	0	4,019.55	0	3,664.64	0	3,305.90	0	2,947.16
1/4		1/4		1/4		1/4		1/4	4,660.15	1/4	4,347.58	1/4	4,012.35	1/4	3,657.17	1/4	3,298.43	1/4	2,939.69
1/2		1/2		1/2		1/2		1/2	4,653.57	1/2	4,340.86	1/2	4,005.11	1/2	3,649.70	1/2	3,290.95	1/2	2,932.21
3/4		3/4		3/4		3/4		3/4	4,647.00	3/4	4,334.14	3/4	3,997.87	3/4	3,642.22	3/4	3,283.48	3/4	2,924.74
1		1		1		1		1	4,640.42	1	4,327.42	1	3,990.63	1	3,634.75	1	3,276.01	1	2,917.26
1/4		1/4		1/4		1/4		1/4	4,633.85	1/4	4,320.69	1/4	3,983.39	1/4	3,627.28	1/4	3,268.53	1/4	2,909.79
1/2		1/2		1/2		1/2		1/2	4,627.53	1/2	4,313.94	1/2	3,976.12	1/2	3,619.80	1/2	3,261.06	1/2	2,902.32
3/4		3/4		3/4		3/4		3/4	4,621.20	3/4	4,307.18	3/4	3,968.84	3/4	3,612.33	3/4	3,253.59	3/4	2,894.84
2		2		2		2		2	4,614.87	2	4,300.42	2	3,961.57	2	3,604.85	2	3,246.11	2	2,887.37
1/4		1/4		1/4		1/4		1/4	4,608.55	1/4	4,293.66	1/4	3,954.29	1/4	3,597.38	1/4	3,238.64	1/4	2,879.90
1/2		1/2		1/2		1/2		1/2	4,602.19	1/2	4,286.85	1/2	3,946.98	1/2	3,589.91	1/2	3,231.16	1/2	2,872.42
3/4		3/4		3/4		3/4		3/4	4,595.82	3/4	4,280.03	3/4	3,939.67	3/4	3,582.43	3/4	3,223.69	3/4	2,864.95
3		3		3		3		3	4,589.46	3	4,273.21	3	3,932.35	3	3,574.96	3	3,216.22	3	2,857.47
1/4		1/4		1/4		1/4		1/4	4,583.10	1/4	4,266.40	1/4	3,925.04	1/4	3,567.48	1/4	3,208.74	1/4	2,850.00
1/2		1/2		1/2		1/2		1/2	4,576.70	1/2	4,259.50	1/2	3,917.70	1/2	3,560.01	1/2	3,201.27	1/2	2,842.53
3/4		3/4		3/4		3/4		3/4	4,570.30	3/4	4,252.61	3/4	3,910.35	3/4	3,552.54	3/4	3,193.79	3/4	2,835.05
4		4		4		4		4	4,563.91	4	4,245.72	4	3,903.00	4	3,545.06	4	3,186.32	4	2,827.58
1/4		1/4		1/4		1/4		1/4	4,557.51	1/4	4,238.82	1/4	3,895.65	1/4	3,537.59	1/4	3,178.85	1/4	2,820.10
1/2		1/2		1/2		1/2		1/2	4,551.07	1/2	4,231.87	1/2	3,888.27	1/2	3,530.12	1/2	3,171.37	1/2	2,812.63
3/4		3/4		3/4		3/4		3/4	4,544.64	3/4	4,224.92	3/4	3,880.89	3/4	3,522.64	3/4	3,163.90	3/4	2,805.16
5		5		5		5		5	4,538.21	5	4,217.97	5	3,873.50	5	3,515.17	5	3,156.43	5	2,797.68
1/4		1/4		1/4		1/4		1/4	4,531.77	1/4	4,211.02	1/4	3,866.12	1/4	3,507.69	1/4	3,148.95	1/4	2,790.21
1/2		1/2		1/2		1/2		1/2	4,525.30	1/2	4,204.03	1/2	3,858.70	1/2	3,500.22	1/2	3,141.48	1/2	2,782.74
3/4		3/4		3/4		3/4		3/4	4,518.83	3/4	4,197.04	3/4	3,851.28	3/4	3,492.75	3/4	3,134.00	3/4	2,775.26
6		6		6		6		6	4,512.36	6	4,190.06	6	3,843.86	6	3,485.27	6	3,126.53	6	2,767.79
1/4		1/4		1/4		1/4		1/4	4,505.89	1/4	4,183.07	1/4	3,836.44	1/4	3,477.80	1/4	3,119.06	1/4	2,760.31
1/2		1/2		1/2		1/2		1/2	4,499.39	1/2	4,176.05	1/2	3,828.99	1/2	3,470.33	1/2	3,111.58	1/2	2,752.84
3/4		3/4		3/4		3/4		3/4	4,492.88	3/4	4,169.02	3/4	3,821.54	3/4	3,462.85	3/4	3,104.11	3/4	2,745.37
7		7		7		7		7	4,486.37	7	4,162.00	7	3,814.09	7	3,455.38	7	3,096.64	7	2,737.89
1/4		1/4		1/4		1/4	4,793.60	1/4	4,479.87	1/4	4,154.98	1/4	3,806.63	1/4	3,447.90	1/4	3,089.16	1/4	2,730.42
1/2		1/2		1/2		1/2	4,788.39	1/2	4,473.33	1/2	4,147.92	1/2	3,799.16	1/2	3,440.43	1/2	3,081.69	1/2	2,722.95
3/4		3/4		3/4		3/4	4,783.18	3/4	4,466.78	3/4	4,140.86	3/4	3,791.69	3/4	3,432.96	3/4	3,074.21	3/4	2,715.47
8		8		8		8	4,777.97	8	4,460.24	8	4,133.80	8	3,784.22	8	3,425.48	8	3,066.74	8	2,708.00
1/4		1/4		1/4		1/4	4,772.77	1/4	4,453.70	1/4	4,126.74	1/4	3,776.75	1/4	3,418.01	1/4	3,059.27	1/4	2,700.52
1/2		1/2		1/2		1/2	4,766.33	1/2	4,447.12	1/2	4,119.64	1/2	3,769.28	1/2	3,410.53	1/2	3,051.79	1/2	2,693.05
3/4		3/4		3/4		3/4	4,759.89	3/4	4,440.54	3/4	4,112.55	3/4	3,761.80	3/4	3,403.06	3/4	3,044.32	3/4	2,685.58
9		9		9		9	4,753.46	9	4,433.97	9	4,105.45	9	3,754.33	9	3,395.59	9	3,036.84	9	2,678.10
1/4		1/4		1/4		1/4	4,747.02	1/4	4,427.39	1/4	4,098.36	1/4	3,746.86	1/4	3,388.11	1/4	3,029.37	1/4	2,670.63
1/2		1/2		1/2		1/2	4,739.81	1/2	4,420.77	1/2	4,091.23	1/2	3,739.38	1/2	3,380.64	1/2	3,021.90	1/2	2,663.15
3/4		3/4		3/4		3/4	4,732.59	3/4	4,414.16	3/4	4,084.10	3/4	3,731.91	3/4	3,373.17	3/4	3,014.42	3/4	2,655.68
10		10		10		10	4,725.38	10	4,407.54	10	4,076.96	10	3,724.43	10	3,365.69	10	3,006.95	10	2,648.21
1/4		1/4		1/4		1/4	4,718.16	1/4	4,400.93	1/4	4,069.83	1/4	3,716.96	1/4	3,358.22	1/4	2,999.48	1/4	2,640.73
1/2		1/2		1/2		1/2	4,710.77	1/2	4,394.28	1/2	4,062.67	1/2	3,709.49	1/2	3,350.74	1/2	2,992.00	1/2	2,633.26
3/4		3/4		3/4		3/4	4,703.38	3/4	4,387.63	3/4	4,055.50	3/4	3,702.01	3/4	3,343.27	3/4	2,984.53	3/4	2,625.79
11		11		11		11	4,695.99	11	4,380.98	11	4,048.33	11	3,694.54	11	3,335.80	11	2,977.05	11	2,618.31
1/4		1/4		1/4		1/4	4,688.60	1/4	4,374.33	1/4	4,041.16	1/4	3,687.07	1/4	3,328.32	1/4	2,969.58	1/4	2,610.84
1/2		1/2		1/2		1/2	4,681.49	1/2	4,367.64	1/2	4,033.96	1/2	3,679.59	1/2	3,320.85	1/2	2,962.11	1/2	2,603.36
3/4		3/4		3/4		3/4	4,674.37	3/4	4,360.96	3/4	4,026.76	3/4	3,672.12	3/4	3,313.38	3/4	2,954.63	3/4	2,595.89

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 27784"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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	2,588.42	0	2,229.67	0	1,870.93	0	1,512.42	0	1,157.42	0	799.64	0	448.03	0	95.68	0		0	
1/4	2,580.94	1/4	2,222.20	1/4	1,863.45	1/4	1,505.02	1/4	1,149.97	1/4	792.17	1/4	440.58	1/4	88.91	1/4		1/4	
1/2	2,573.47	1/2	2,214.73	1/2	1,855.98	1/2	1,497.71	1/2	1,142.53	1/2	784.69	1/2	433.13	1/2	81.73	1/2		1/2	
3/4	2,566.00	3/4	2,207.25	3/4	1,848.50	3/4	1,490.40	3/4	1,135.08	3/4	777.22	3/4	425.69	3/4	74.55	3/4		3/4	
1	2,558.52	1	2,199.78	1	1,841.03	1	1,483.09	1	1,127.64	1	769.75	1	418.24	1	67.38	1		1	
1/4	2,551.05	1/4	2,192.31	1/4	1,833.56	1/4	1,475.78	1/4	1,120.19	1/4	762.27	1/4	410.80	1/4	60.20	1/4		1/4	
1/2	2,543.57	1/2	2,184.83	1/2	1,826.08	1/2	1,468.46	1/2	1,112.74	1/2	754.80	1/2	403.35	1/2	53.40	1/2		1/2	
3/4	2,536.10	3/4	2,177.36	3/4	1,818.61	3/4	1,461.15	3/4	1,105.30	3/4	747.32	3/4	395.90	3/4	46.60	3/4		3/4	
2	2,528.63	2	2,169.88	2	1,811.13	2	1,453.84	2	1,097.85	2	739.85	2	388.44	2	39.79	2		2	
1/4	2,521.15	1/4	2,162.41	1/4	1,803.66	1/4	1,446.53	1/4	1,090.41	1/4	732.37	1/4	380.99	1/4	32.99	1/4		1/4	
1/2	2,513.68	1/2	2,154.94	1/2	1,796.19	1/2	1,439.22	1/2	1,082.96	1/2	724.90	1/2	373.53	1/2	28.01	1/2		1/2	
3/4	2,506.21	3/4	2,147.46	3/4	1,788.71	3/4	1,431.90	3/4	1,075.52	3/4	717.42	3/4	366.06	3/4	23.03	3/4		3/4	
3	2,498.73	3	2,139.99	3	1,781.24	3	1,424.59	3	1,068.07	3	709.95	3	358.59	3		3		3	
1/4	2,491.26	1/4	2,132.52	1/4	1,773.76	1/4	1,417.28	1/4	1,060.63	1/4	702.48	1/4	351.13	1/4		1/4		1/4	
1/2	2,483.78	1/2	2,125.04	1/2	1,766.29	1/2	1,409.97	1/2	1,053.18	1/2	695.00	1/2	343.65	1/2		1/2		1/2	
3/4	2,476.31	3/4	2,117.57	3/4	1,758.82	3/4	1,402.65	3/4	1,045.73	3/4	687.53	3/4	336.18	3/4		3/4		3/4	
4	2,468.84	4	2,110.09	4	1,751.34	4	1,395.34	4	1,038.29	4	680.05	4	328.71	4		4		4	
1/4	2,461.36	1/4	2,102.62	1/4	1,743.87	1/4	1,388.03	1/4	1,030.84	1/4	672.58	1/4	321.23	1/4		1/4		1/4	
1/2	2,453.89	1/2	2,095.15	1/2	1,736.39	1/2	1,380.72	1/2	1,023.40	1/2	665.10	1/2	313.76	1/2		1/2		1/2	
3/4	2,446.41	3/4	2,087.67	3/4	1,728.92	3/4	1,373.40	3/4	1,015.95	3/4	657.63	3/4	306.29	3/4		3/4		3/4	
5	2,438.94	5	2,080.20	5	1,721.45	5	1,366.09	5	1,008.51	5	650.15	5	298.81	5		5		5	
1/4	2,431.47	1/4	2,072.72	1/4	1,713.97	1/4	1,358.78	1/4	1,001.06	1/4	642.68	1/4	291.34	1/4		1/4		1/4	
1/2	2,423.99	1/2	2,065.25	1/2	1,706.50	1/2	1,351.39	1/2	993.62	1/2	635.20	1/2	283.86	1/2		1/2		1/2	
3/4	2,416.52	3/4	2,057.78	3/4	1,699.02	3/4	1,343.99	3/4	986.17	3/4	627.73	3/4	276.39	3/4		3/4		3/4	
6	2,409.05	6	2,050.30	6	1,691.55	6	1,336.60	6	978.73	6	620.26	6	268.92	6		6		6	
1/4	2,401.57	1/4	2,042.83	1/4	1,684.08	1/4	1,329.21	1/4	971.28	1/4	612.78	1/4	261.44	1/4		1/4		1/4	
1/2	2,394.10	1/2	2,035.36	1/2	1,676.60	1/2	1,321.73	1/2	963.83	1/2	605.31	1/2	253.98	1/2		1/2		1/2	
3/4	2,386.62	3/4	2,027.88	3/4	1,669.13	3/4	1,314.26	3/4	956.39	3/4	597.83	3/4	246.51	3/4		3/4		3/4	
7	2,379.15	7	2,020.41	7	1,661.65	7	1,306.78	7	948.94	7	590.36	7	239.04	7		7		7	
1/4	2,371.68	1/4	2,012.93	1/4	1,654.18	1/4	1,299.31	1/4	941.50	1/4	582.88	1/4	231.58	1/4		1/4		1/4	
1/2	2,364.20	1/2	2,005.46	1/2	1,646.71	1/2	1,291.83	1/2	934.05	1/2	575.63	1/2	224.13	1/2		1/2		1/2	
3/4	2,356.73	3/4	1,997.98	3/4	1,639.23	3/4	1,284.36	3/4	926.60	3/4	568.37	3/4	216.68	3/4		3/4		3/4	
8	2,349.26	8	1,990.51	8	1,631.76	8	1,276.88	8	919.16	8	561.12	8	209.22	8		8		8	
1/4	2,341.78	1/4	1,983.04	1/4	1,624.28	1/4	1,269.41	1/4	911.71	1/4	553.87	1/4	201.77	1/4		1/4		1/4	
1/2	2,334.31	1/2	1,975.56	1/2	1,616.81	1/2	1,261.93	1/2	904.25	1/2	547.05	1/2	194.33	1/2		1/2		1/2	
3/4	2,326.83	3/4	1,968.09	3/4	1,609.34	3/4	1,254.46	3/4	896.78	3/4	540.24	3/4	186.89	3/4		3/4		3/4	
9	2,319.36	9	1,960.61	9	1,601.86	9	1,246.98	9	889.32	9	533.43	9	179.45	9		9		9	
1/4	2,311.89	1/4	1,953.14	1/4	1,594.39	1/4	1,239.51	1/4	881.86	1/4	526.62	1/4	172.00	1/4		1/4		1/4	
1/2	2,304.41	1/2	1,945.67	1/2	1,586.91	1/2	1,232.03	1/2	874.39	1/2	519.81	1/2	164.78	1/2		1/2		1/2	
3/4	2,296.94	3/4	1,938.19	3/4	1,579.44	3/4	1,224.56	3/4	866.91	3/4	513.00	3/4	157.56	3/4		3/4		3/4	
10	2,289.46	10	1,930.72	10	1,571.97	10	1,217.08	10	859.44	10	506.18	10	150.34	10		10		10	
1/4	2,281.99	1/4	1,923.24	1/4	1,564.49	1/4	1,209.61	1/4	851.96	1/4	499.37	1/4	143.12	1/4		1/4		1/4	
1/2	2,274.52	1/2	1,915.77	1/2	1,557.02	1/2	1,202.15	1/2	844.49	1/2	492.13	1/2	136.34	1/2		1/2		1/2	
3/4	2,267.04	3/4	1,908.30	3/4	1,549.54	3/4	1,194.69	3/4	837.02	3/4	484.88	3/4	129.55	3/4		3/4		3/4	
11	2,259.57	11	1,900.82	11	1,542.07	11	1,187.22	11	829.54	11	477.63	11	122.77	11		11		11	
1/4	2,252.10	1/4	1,893.35	1/4	1,534.60	1/4	1,179.76	1/4	822.07	1/4	470.39	1/4	115.99	1/4		1/4		1/4	
1/2	2,244.62	1/2	1,885.87	1/2	1,527.20	1/2	1,172.31	1/2	814.59	1/2	462.93	1/2	109.22	1/2		1/2		1/2	
3/4	2,237.15	3/4	1,878.40	3/4	1,519.81	3/4	1,164.87	3/4	807.12	3/4	455.48	3/4	102.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 SW
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REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 27784"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	0	0	0	0	0	0	0	0	3,968.02	0	3,802.58	0	3,624.37	0	3,434.68	0	3,187.56	0	2,830.84
1/4		1/4		1/4		1/4		1/4	3,964.40	1/4	3,799.03	1/4	3,620.51	1/4	3,430.69	1/4	3,180.11	1/4	2,823.41
1/2		1/2		1/2		1/2		1/2	3,960.78	1/2	3,795.48	1/2	3,616.65	1/2	3,426.69	1/2	3,172.66	1/2	2,815.99
3/4		3/4		3/4		3/4		3/4	3,957.16	3/4	3,791.94	3/4	3,612.79	3/4	3,422.69	3/4	3,165.21	3/4	2,808.56
1	1	1	1	1	1	1	1	1	3,953.54	1	3,788.39	1	3,608.92	1	3,418.69	1	3,157.76	1	2,801.13
1/4		1/4		1/4		1/4		1/4	3,950.21	1/4	3,784.82	1/4	3,605.04	1/4	3,414.70	1/4	3,150.31	1/4	2,793.70
1/2		1/2		1/2		1/2		1/2	3,946.87	1/2	3,781.26	1/2	3,601.16	1/2	3,410.70	1/2	3,142.86	1/2	2,786.27
3/4		3/4		3/4		3/4		3/4	3,943.54	3/4	3,777.69	3/4	3,597.28	3/4	3,406.70	3/4	3,135.41	3/4	2,778.85
2	2	2	2	2	2	2	2	2	3,940.20	2	3,774.13	2	3,593.40	2	3,402.70	2	3,127.96	2	2,771.42
1/4		1/4		1/4		1/4		1/4	3,936.85	1/4	3,770.54	1/4	3,589.50	1/4	3,398.71	1/4	3,120.53	1/4	2,763.99
1/2		1/2		1/2		1/2		1/2	3,933.50	1/2	3,766.95	1/2	3,585.60	1/2	3,394.71	1/2	3,113.10	1/2	2,756.56
3/4		3/4		3/4		3/4		3/4	3,930.14	3/4	3,763.37	3/4	3,581.69	3/4	3,390.71	3/4	3,105.67	3/4	2,749.13
3	3	3	3	3	3	3	3	3	3,926.79	3	3,759.78	3	3,577.79	3	3,386.72	3	3,098.25	3	2,741.71
1/4		1/4		1/4		1/4		1/4	3,923.42	1/4	3,756.14	1/4	3,573.87	1/4	3,382.72	1/4	3,090.82	1/4	2,734.28
1/2		1/2		1/2		1/2		1/2	3,920.04	1/2	3,752.49	1/2	3,569.95	1/2	3,378.72	1/2	3,083.39	1/2	2,726.85
3/4		3/4		3/4		3/4		3/4	3,916.67	3/4	3,748.84	3/4	3,566.03	3/4	3,374.72	3/4	3,075.96	3/4	2,719.42
4	4	4	4	4	4	4	4	4	3,913.30	4	3,745.20	4	3,562.11	4	3,370.73	4	3,068.53	4	2,712.00
1/4		1/4		1/4		1/4		1/4	3,909.90	1/4	3,741.49	1/4	3,558.17	1/4	3,366.73	1/4	3,061.11	1/4	2,704.57
1/2		1/2		1/2		1/2		1/2	3,906.51	1/2	3,737.78	1/2	3,554.23	1/2	3,362.73	1/2	3,053.68	1/2	2,697.14
3/4		3/4		3/4		3/4		3/4	3,903.12	3/4	3,734.07	3/4	3,550.29	3/4	3,358.73	3/4	3,046.25	3/4	2,689.71
5	5	5	5	5	5	5	5	5	3,899.73	5	3,730.36	5	3,546.36	5	3,354.74	5	3,038.82	5	2,682.28
1/4		1/4		1/4		1/4		1/4	3,896.31	1/4	3,726.64	1/4	3,542.40	1/4	3,350.74	1/4	3,031.39	1/4	2,674.86
1/2		1/2		1/2		1/2		1/2	3,892.90	1/2	3,722.91	1/2	3,538.44	1/2	3,346.74	1/2	3,023.97	1/2	2,667.43
3/4		3/4		3/4		3/4		3/4	3,889.49	3/4	3,719.18	3/4	3,534.48	3/4	3,342.75	3/4	3,016.54	3/4	2,660.00
6	6	6	6	6	6	6	6	6	3,886.08	6	3,715.45	6	3,530.52	6	3,338.75	6	3,009.11	6	2,652.57
1/4		1/4		1/4		1/4		1/4	3,882.65	1/4	3,711.71	1/4	3,526.54	1/4	3,334.75	1/4	3,001.68	1/4	2,645.14
1/2		1/2		1/2		1/2		1/2	3,879.22	1/2	3,707.96	1/2	3,522.56	1/2	3,330.75	1/2	2,994.26	1/2	2,637.72
3/4		3/4		3/4		3/4		3/4	3,875.78	3/4	3,704.21	3/4	3,518.59	3/4	3,326.76	3/4	2,986.83	3/4	2,630.29
7	7	7	7	7	7	7	7	7	3,872.35	7	3,700.47	7	3,514.61	7	3,322.76	7	2,979.40	7	2,622.86
1/4		1/4		1/4		1/4		1/4	3,868.90	1/4	3,696.70	1/4	3,510.62	1/4	3,318.76	1/4	2,971.97	1/4	2,615.43
1/2		1/2		1/2		1/2		1/2	3,865.45	1/2	3,692.93	1/2	3,506.62	1/2	3,314.76	1/2	2,964.54	1/2	2,608.00
3/4		3/4		3/4		3/4		3/4	3,862.00	3/4	3,689.17	3/4	3,502.63	3/4	3,310.77	3/4	2,957.12	3/4	2,600.58
8	8	8	8	8	8	8	8	8	4,023.02	8	3,858.55	8	3,685.40	8	3,498.64	8	3,299.69	8	2,593.15
1/4		1/4		1/4		1/4		1/4	4,020.66	1/4	3,855.08	1/4	3,681.62	1/4	3,494.64	1/4	3,299.32	1/4	2,942.26
1/2		1/2		1/2		1/2		1/2	4,018.29	1/2	3,851.61	1/2	3,677.83	1/2	3,490.65	1/2	3,291.87	1/2	2,934.83
3/4		3/4		3/4		3/4		3/4	4,015.93	3/4	3,848.14	3/4	3,674.05	3/4	3,486.65	3/4	3,284.42	3/4	2,927.40
9	9	9	9	9	9	9	9	9	4,013.57	9	3,844.67	9	3,670.26	9	3,482.65	9	3,276.97	9	2,919.98
1/4		1/4		1/4		1/4		1/4	4,010.01	1/4	3,841.18	1/4	3,666.46	1/4	3,478.65	1/4	3,269.52	1/4	2,912.55
1/2		1/2		1/2		1/2		1/2	4,006.45	1/2	3,837.70	1/2	3,662.65	1/2	3,474.66	1/2	3,262.07	1/2	2,905.12
3/4		3/4		3/4		3/4		3/4	4,002.88	3/4	3,834.21	3/4	3,658.85	3/4	3,470.66	3/4	3,254.62	3/4	2,897.69
10	10	10	10	10	10	10	10	10	3,999.32	10	3,830.72	10	3,655.04	10	3,466.66	10	3,247.17	10	2,890.26
1/4		1/4		1/4		1/4		1/4	3,995.41	1/4	3,827.21	1/4	3,651.22	1/4	3,462.66	1/4	3,239.72	1/4	2,882.84
1/2		1/2		1/2		1/2		1/2	3,991.50	1/2	3,823.70	1/2	3,647.39	1/2	3,458.67	1/2	3,232.26	1/2	2,875.41
3/4		3/4		3/4		3/4		3/4	3,987.58	3/4	3,820.19	3/4	3,643.57	3/4	3,454.67	3/4	3,224.81	3/4	2,867.98
11	11	11	11	11	11	11	11	11	3,983.67	11	3,816.69	11	3,639.75	11	3,450.67	11	3,217.36	11	2,860.55
1/4		1/4		1/4		1/4		1/4	3,979.76	1/4	3,813.16	1/4	3,635.90	1/4	3,446.68	1/4	3,209.91	1/4	2,853.13
1/2		1/2		1/2		1/2		1/2	3,975.85	1/2	3,809.63	1/2	3,632.06	1/2	3,442.68	1/2	3,202.46	1/2	2,845.70
3/4		3/4		3/4		3/4		3/4	3,971.93	3/4	3,806.10	3/4	3,628.22	3/4	3,438.68	3/4	3,195.01	3/4	2,838.27

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 27784"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,474.30	0	2,117.76	0	1,761.22	0	1,405.14	0	1,054.69	0	709.10	0	363.63	0	52.74	0		0	
1/4	2,466.87	1/4	2,110.34	1/4	1,753.79	1/4	1,397.89	1/4	1,047.50	1/4	701.87	1/4	356.23	1/4	51.39	1/4		1/4	
1/2	2,459.45	1/2	2,102.91	1/2	1,746.36	1/2	1,390.65	1/2	1,040.31	1/2	694.65	1/2	348.82	1/2	50.04	1/2		1/2	
3/4	2,452.02	3/4	2,095.48	3/4	1,738.93	3/4	1,383.41	3/4	1,033.12	3/4	687.43	3/4	341.42	3/4	48.69	3/4		3/4	
1	2,444.59	1	2,088.05	1	1,731.51	1	1,376.17	1	1,025.93	1	680.21	1	334.02	1	47.34	1		1	
1/4	2,437.16	1/4	2,080.62	1/4	1,724.08	1/4	1,368.90	1/4	1,018.74	1/4	672.98	1/4	326.62	1/4	46.83	1/4		1/4	
1/2	2,429.73	1/2	2,073.20	1/2	1,716.65	1/2	1,361.63	1/2	1,011.55	1/2	665.76	1/2	319.21	1/2	46.32	1/2		1/2	
3/4	2,422.31	3/4	2,065.77	3/4	1,709.22	3/4	1,354.37	3/4	1,004.36	3/4	658.54	3/4	311.81	3/4		3/4		3/4	
2	2,414.88	2	2,058.34	2	1,701.79	2	1,347.10	2	997.17	2	651.32	2	304.41	2		2		2	
1/4	2,407.45	1/4	2,050.91	1/4	1,694.37	1/4	1,339.83	1/4	989.97	1/4	644.09	1/4	296.99	1/4		1/4		1/4	
1/2	2,400.02	1/2	2,043.48	1/2	1,686.94	1/2	1,332.56	1/2	982.78	1/2	636.87	1/2	289.57	1/2		1/2		1/2	
3/4	2,392.60	3/4	2,036.06	3/4	1,679.51	3/4	1,325.30	3/4	975.59	3/4	629.65	3/4	282.15	3/4		3/4		3/4	
3	2,385.17	3	2,028.63	3	1,672.08	3	1,318.03	3	968.40	3	622.43	3	274.74	3		3		3	
1/4	2,377.74	1/4	2,021.20	1/4	1,664.65	1/4	1,310.76	1/4	961.21	1/4	615.21	1/4	267.30	1/4		1/4		1/4	
1/2	2,370.31	1/2	2,013.77	1/2	1,657.22	1/2	1,303.50	1/2	954.02	1/2	607.98	1/2	259.87	1/2		1/2		1/2	
3/4	2,362.88	3/4	2,006.34	3/4	1,649.80	3/4	1,296.23	3/4	946.83	3/4	600.76	3/4	252.44	3/4		3/4		3/4	
4	2,355.46	4	1,998.92	4	1,642.37	4	1,288.96	4	939.64	4	593.54	4	245.01	4		4		4	
1/4	2,348.03	1/4	1,991.49	1/4	1,634.94	1/4	1,281.70	1/4	932.45	1/4	586.32	1/4	237.58	1/4		1/4		1/4	
1/2	2,340.60	1/2	1,984.06	1/2	1,627.51	1/2	1,274.43	1/2	925.26	1/2	579.09	1/2	230.15	1/2		1/2		1/2	
3/4	2,333.17	3/4	1,976.63	3/4	1,620.08	3/4	1,267.16	3/4	918.06	3/4	571.87	3/4	222.71	3/4		3/4		3/4	
5	2,325.74	5	1,969.21	5	1,612.66	5	1,259.89	5	910.87	5	564.65	5	215.28	5		5		5	
1/4	2,318.32	1/4	1,961.78	1/4	1,605.23	1/4	1,252.64	1/4	903.68	1/4	557.22	1/4	207.85	1/4		1/4		1/4	
1/2	2,310.89	1/2	1,954.35	1/2	1,597.80	1/2	1,245.39	1/2	896.49	1/2	549.78	1/2	200.42	1/2		1/2		1/2	
3/4	2,303.46	3/4	1,946.92	3/4	1,590.37	3/4	1,238.14	3/4	889.29	3/4	542.35	3/4	192.99	3/4		3/4		3/4	
6	2,296.03	6	1,939.49	6	1,582.94	6	1,230.89	6	882.10	6	534.92	6	185.55	6		6		6	
1/4	2,288.60	1/4	1,932.07	1/4	1,575.51	1/4	1,223.48	1/4	874.91	1/4	527.48	1/4	178.12	1/4		1/4		1/4	
1/2	2,281.18	1/2	1,924.64	1/2	1,568.09	1/2	1,216.06	1/2	867.71	1/2	520.05	1/2	170.69	1/2		1/2		1/2	
3/4	2,273.75	3/4	1,917.21	3/4	1,560.66	3/4	1,208.65	3/4	860.52	3/4	512.62	3/4	163.26	3/4		3/4		3/4	
7	2,266.32	7	1,909.78	7	1,553.23	7	1,201.24	7	853.33	7	505.18	7	155.83	7		7		7	
1/4	2,258.89	1/4	1,902.35	1/4	1,545.82	1/4	1,193.83	1/4	846.13	1/4	497.75	1/4	148.41	1/4		1/4		1/4	
1/2	2,251.47	1/2	1,894.93	1/2	1,538.42	1/2	1,186.41	1/2	838.94	1/2	490.32	1/2	140.99	1/2		1/2		1/2	
3/4	2,244.04	3/4	1,887.50	3/4	1,531.02	3/4	1,179.00	3/4	831.75	3/4	482.89	3/4	133.58	3/4		3/4		3/4	
8	2,236.61	8	1,880.07	8	1,523.61	8	1,171.59	8	824.55	8	475.45	8	126.16	8		8		8	
1/4	2,229.18	1/4	1,872.64	1/4	1,516.21	1/4	1,164.17	1/4	817.36	1/4	468.46	1/4	119.38	1/4		1/4		1/4	
1/2	2,221.75	1/2	1,865.21	1/2	1,508.80	1/2	1,156.76	1/2	810.16	1/2	461.47	1/2	112.59	1/2		1/2		1/2	
3/4	2,214.33	3/4	1,857.79	3/4	1,501.40	3/4	1,149.35	3/4	802.96	3/4	454.47	3/4	105.81	3/4		3/4		3/4	
9	2,206.90	9	1,850.36	9	1,493.99	9	1,141.94	9	795.76	9	447.48	9	99.03	9		9		9	
1/4	2,199.47	1/4	1,842.93	1/4	1,486.59	1/4	1,134.52	1/4	788.54	1/4	440.93	1/4	93.50	1/4		1/4		1/4	
1/2	2,192.04	1/2	1,835.50	1/2	1,479.18	1/2	1,127.11	1/2	781.32	1/2	434.38	1/2	87.96	1/2		1/2		1/2	
3/4	2,184.61	3/4	1,828.07	3/4	1,471.78	3/4	1,119.70	3/4	774.10	3/4	427.82	3/4	82.42	3/4		3/4		3/4	
10	2,177.19	10	1,820.64	10	1,464.37	10	1,112.29	10	766.87	10	421.27	10	76.89	10		10		10	
1/4	2,169.76	1/4	1,813.22	1/4	1,456.97	1/4	1,105.08	1/4	759.65	1/4	414.28	1/4	73.03	1/4		1/4		1/4	
1/2	2,162.33	1/2	1,805.79	1/2	1,449.57	1/2	1,097.88	1/2	752.43	1/2	407.29	1/2	69.17	1/2		1/2		1/2	
3/4	2,154.90	3/4	1,798.36	3/4	1,442.16	3/4	1,090.68	3/4	745.21	3/4	400.29	3/4	65.31	3/4		3/4		3/4	
11	2,147.47	11	1,790.93	11	1,434.76	11	1,083.48	11	737.98	11	393.30	11	61.45	11		11		11	
1/4	2,140.05	1/4	1,783.50	1/4	1,427.35	1/4	1,076.28	1/4	730.76	1/4	385.88	1/4	59.27	1/4		1/4		1/4	
1/2	2,132.62	1/2	1,776.08	1/2	1,419.95	1/2	1,069.08	1/2	723.54	1/2	378.47	1/2	57.10	1/2		1/2		1/2	
3/4	2,125.19	3/4	1,768.65	3/4	1,412.54	3/4	1,061.89	3/4	716.32	3/4	371.05	3/4	54.92	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 SW
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REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 27784"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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		0		0	3,986.95	0	3,821.61	0	3,642.73	0	3,452.73	0	3,198.68	0	2,841.07
1/4		1/4		1/4		1/4		1/4	3,983.33	1/4	3,818.06	1/4	3,638.87	1/4	3,448.73	1/4	3,191.23	1/4	2,833.61
1/2		1/2		1/2		1/2		1/2	3,979.71	1/2	3,814.51	1/2	3,635.01	1/2	3,444.73	1/2	3,183.78	1/2	2,826.16
3/4		3/4		3/4		3/4		3/4	3,976.38	3/4	3,810.95	3/4	3,631.12	3/4	3,440.74	3/4	3,176.33	3/4	2,818.71
1		1		1		1		1	3,973.04	1	3,807.38	1	3,627.24	1	3,436.74	1	3,168.88	1	2,811.26
1/4		1/4		1/4		1/4		1/4	3,969.71	1/4	3,803.81	1/4	3,623.36	1/4	3,432.74	1/4	3,161.43	1/4	2,803.81
1/2		1/2		1/2		1/2		1/2	3,966.37	1/2	3,800.25	1/2	3,619.48	1/2	3,428.74	1/2	3,153.98	1/2	2,796.36
3/4		3/4		3/4		3/4		3/4	3,963.02	3/4	3,796.66	3/4	3,615.57	3/4	3,424.74	3/4	3,146.53	3/4	2,788.91
2		2		2		2		2	3,959.66	2	3,793.07	2	3,611.67	2	3,420.75	2	3,139.08	2	2,781.46
1/4		1/4		1/4		1/4		1/4	3,956.31	1/4	3,789.49	1/4	3,607.77	1/4	3,416.75	1/4	3,131.63	1/4	2,774.01
1/2		1/2		1/2		1/2		1/2	3,952.95	1/2	3,785.90	1/2	3,603.87	1/2	3,412.75	1/2	3,124.18	1/2	2,766.56
3/4		3/4		3/4		3/4		3/4	3,949.58	3/4	3,782.25	3/4	3,599.95	3/4	3,408.75	3/4	3,116.73	3/4	2,759.11
3		3		3		3		3	3,946.20	3	3,778.61	3	3,596.03	3	3,404.75	3	3,109.28	3	2,751.66
1/4		1/4		1/4		1/4		1/4	3,942.83	1/4	3,774.96	1/4	3,592.11	1/4	3,400.75	1/4	3,101.83	1/4	2,744.21
1/2		1/2		1/2		1/2		1/2	3,939.45	1/2	3,771.31	1/2	3,588.18	1/2	3,396.76	1/2	3,094.38	1/2	2,736.76
3/4		3/4		3/4		3/4		3/4	3,936.06	3/4	3,767.60	3/4	3,584.24	3/4	3,392.76	3/4	3,086.92	3/4	2,729.31
4		4		4		4		4	3,932.67	4	3,763.89	4	3,580.30	4	3,388.76	4	3,079.47	4	2,721.86
1/4		1/4		1/4		1/4		1/4	3,929.27	1/4	3,760.18	1/4	3,576.36	1/4	3,384.76	1/4	3,072.02	1/4	2,714.41
1/2		1/2		1/2		1/2		1/2	3,925.88	1/2	3,756.47	1/2	3,572.42	1/2	3,380.76	1/2	3,064.57	1/2	2,706.96
3/4		3/4		3/4		3/4		3/4	3,922.47	3/4	3,752.74	3/4	3,568.46	3/4	3,376.77	3/4	3,057.12	3/4	2,699.51
5		5		5		5		5	3,919.05	5	3,749.02	5	3,564.50	5	3,372.77	5	3,049.67	5	2,692.06
1/4		1/4		1/4		1/4		1/4	3,915.64	1/4	3,745.29	1/4	3,560.54	1/4	3,368.77	1/4	3,042.22	1/4	2,684.61
1/2		1/2		1/2		1/2		1/2	3,912.23	1/2	3,741.56	1/2	3,556.58	1/2	3,364.77	1/2	3,034.77	1/2	2,677.16
3/4		3/4		3/4		3/4		3/4	3,908.80	3/4	3,737.81	3/4	3,552.61	3/4	3,360.77	3/4	3,027.32	3/4	2,669.71
6		6		6		6		6	3,905.36	6	3,734.06	6	3,548.63	6	3,356.77	6	3,019.87	6	2,662.26
1/4		1/4		1/4		1/4		1/4	3,901.93	1/4	3,730.32	1/4	3,544.65	1/4	3,352.78	1/4	3,012.42	1/4	2,654.81
1/2		1/2		1/2		1/2		1/2	3,898.50	1/2	3,726.57	1/2	3,540.67	1/2	3,348.78	1/2	3,004.97	1/2	2,647.36
3/4		3/4		3/4		3/4		3/4	3,895.05	3/4	3,722.80	3/4	3,536.68	3/4	3,344.78	3/4	2,997.52	3/4	2,639.91
7		7		7		7		7	3,891.60	7	3,719.03	7	3,532.68	7	3,340.78	7	2,990.07	7	2,632.46
1/4		1/4		1/4		1/4		1/4	3,888.15	1/4	3,715.27	1/4	3,528.69	1/4	3,336.78	1/4	2,982.62	1/4	2,625.01
1/2		1/2		1/2		1/2		1/2	4,049.21	1/2	3,884.70	1/2	3,711.50	1/2	3,524.70	1/2	3,332.78	1/2	2,975.17
3/4		3/4		3/4		3/4		3/4	4,046.85	3/4	3,881.22	3/4	3,707.71	3/4	3,520.70	3/4	3,325.33	3/4	2,967.72
8		8		8		8		8	4,044.49	8	3,877.75	8	3,703.93	8	3,516.70	8	3,317.88	8	2,960.27
1/4		1/4		1/4		1/4		1/4	4,042.13	1/4	3,874.28	1/4	3,700.14	1/4	3,512.70	1/4	3,310.43	1/4	2,952.82
1/2		1/2		1/2		1/2		1/2	4,039.76	1/2	3,870.81	1/2	3,696.36	1/2	3,508.71	1/2	3,302.98	1/2	2,945.37
3/4		3/4		3/4		3/4		3/4	4,036.20	3/4	3,867.32	3/4	3,692.55	3/4	3,504.71	3/4	3,295.53	3/4	2,937.92
9		9		9		9		9	4,032.63	9	3,863.83	9	3,688.74	9	3,500.71	9	3,288.08	9	2,930.47
1/4		1/4		1/4		1/4		1/4	4,029.07	1/4	3,860.34	1/4	3,684.94	1/4	3,496.71	1/4	3,280.63	1/4	2,923.02
1/2		1/2		1/2		1/2		1/2	4,025.50	1/2	3,856.85	1/2	3,681.13	1/2	3,492.71	1/2	3,273.18	1/2	2,915.57
3/4		3/4		3/4		3/4		3/4	4,021.59	3/4	3,853.34	3/4	3,677.31	3/4	3,488.71	3/4	3,265.73	3/4	2,908.12
10		10		10		10		10	4,017.68	10	3,849.84	10	3,673.48	10	3,484.72	10	3,258.28	10	2,900.67
1/4		1/4		1/4		1/4		1/4	4,013.76	1/4	3,846.33	1/4	3,669.66	1/4	3,480.72	1/4	3,250.83	1/4	2,893.22
1/2		1/2		1/2		1/2		1/2	4,009.85	1/2	3,842.82	1/2	3,665.83	1/2	3,476.72	1/2	3,243.38	1/2	2,885.77
3/4		3/4		3/4		3/4		3/4	4,005.93	3/4	3,839.29	3/4	3,661.99	3/4	3,472.72	3/4	3,235.93	3/4	2,878.32
11		11		11		11		11	4,002.02	11	3,835.76	11	3,658.15	11	3,468.72	11	3,228.48	11	2,870.87
1/4		1/4		1/4		1/4		1/4	3,998.11	1/4	3,832.23	1/4	3,654.30	1/4	3,464.73	1/4	3,221.03	1/4	2,863.42
1/2		1/2		1/2		1/2		1/2	3,994.19	1/2	3,828.70	1/2	3,650.46	1/2	3,460.73	1/2	3,213.58	1/2	2,855.97
3/4		3/4		3/4		3/4		3/4	3,990.57	3/4	3,825.16	3/4	3,646.60	3/4	3,456.73	3/4	3,206.13	3/4	2,848.52

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 27784"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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	2,483.45	0	2,125.84	0	1,768.22	0	1,410.92	0	1,056.99	0	700.32	0	349.83	0	50.16	0		0	
1/4	2,476.00	1/4	2,118.39	1/4	1,760.77	1/4	1,403.63	1/4	1,049.57	1/4	692.87	1/4	342.41	1/4	48.79	1/4		1/4	
1/2	2,468.55	1/2	2,110.94	1/2	1,753.32	1/2	1,396.34	1/2	1,042.15	1/2	685.42	1/2	334.99	1/2	47.41	1/2		1/2	
3/4	2,461.10	3/4	2,103.49	3/4	1,745.87	3/4	1,389.05	3/4	1,034.73	3/4	677.97	3/4	327.57	3/4	46.89	3/4		3/4	
1	2,453.65	1	2,096.04	1	1,738.42	1	1,381.76	1	1,027.31	1	670.52	1	320.15	1	46.36	1		1	
1/4	2,446.20	1/4	2,088.58	1/4	1,730.97	1/4	1,374.48	1/4	1,019.88	1/4	663.07	1/4	312.73	1/4		1/4		1/4	
1/2	2,438.75	1/2	2,081.13	1/2	1,723.52	1/2	1,367.19	1/2	1,012.46	1/2	655.61	1/2	305.30	1/2		1/2		1/2	
3/4	2,431.30	3/4	2,073.68	3/4	1,716.06	3/4	1,359.90	3/4	1,005.04	3/4	648.16	3/4	297.87	3/4		3/4		3/4	
2	2,423.85	2	2,066.23	2	1,708.61	2	1,352.61	2	997.62	2	640.71	2	290.43	2		2		2	
1/4	2,416.40	1/4	2,058.78	1/4	1,701.16	1/4	1,345.32	1/4	990.20	1/4	633.26	1/4	283.00	1/4		1/4		1/4	
1/2	2,408.95	1/2	2,051.33	1/2	1,693.71	1/2	1,338.03	1/2	982.77	1/2	625.81	1/2	275.56	1/2		1/2		1/2	
3/4	2,401.50	3/4	2,043.88	3/4	1,686.26	3/4	1,330.74	3/4	975.35	3/4	618.36	3/4	268.11	3/4		3/4		3/4	
3	2,394.05	3	2,036.43	3	1,678.81	3	1,323.46	3	967.93	3	610.91	3	260.66	3		3		3	
1/4	2,386.60	1/4	2,028.98	1/4	1,671.36	1/4	1,316.17	1/4	960.51	1/4	603.46	1/4	253.21	1/4		1/4		1/4	
1/2	2,379.15	1/2	2,021.53	1/2	1,663.91	1/2	1,308.88	1/2	953.09	1/2	596.01	1/2	245.76	1/2		1/2		1/2	
3/4	2,371.70	3/4	2,014.08	3/4	1,656.46	3/4	1,301.59	3/4	945.66	3/4	588.56	3/4	238.31	3/4		3/4		3/4	
4	2,364.25	4	2,006.63	4	1,649.01	4	1,294.30	4	938.24	4	581.11	4	230.86	4		4		4	
1/4	2,356.80	1/4	1,999.18	1/4	1,641.56	1/4	1,287.01	1/4	930.82	1/4	573.66	1/4	223.41	1/4		1/4		1/4	
1/2	2,349.35	1/2	1,991.73	1/2	1,634.11	1/2	1,279.72	1/2	923.40	1/2	566.21	1/2	215.96	1/2		1/2		1/2	
3/4	2,341.89	3/4	1,984.28	3/4	1,626.66	3/4	1,272.43	3/4	915.98	3/4	558.75	3/4	208.51	3/4		3/4		3/4	
5	2,334.44	5	1,976.83	5	1,619.21	5	1,265.14	5	908.56	5	551.30	5	201.06	5		5		5	
1/4	2,326.99	1/4	1,969.38	1/4	1,611.76	1/4	1,257.85	1/4	901.13	1/4	543.85	1/4	193.61	1/4		1/4		1/4	
1/2	2,319.54	1/2	1,961.93	1/2	1,604.31	1/2	1,250.56	1/2	893.71	1/2	536.40	1/2	186.16	1/2		1/2		1/2	
3/4	2,312.09	3/4	1,954.48	3/4	1,596.86	3/4	1,243.11	3/4	886.29	3/4	528.95	3/4	178.71	3/4		3/4		3/4	
6	2,304.64	6	1,947.03	6	1,589.41	6	1,235.66	6	878.87	6	521.50	6	171.26	6		6		6	
1/4	2,297.19	1/4	1,939.58	1/4	1,581.96	1/4	1,228.21	1/4	871.45	1/4	514.05	1/4	163.81	1/4		1/4		1/4	
1/2	2,289.74	1/2	1,932.13	1/2	1,574.51	1/2	1,220.76	1/2	864.02	1/2	506.59	1/2	156.36	1/2		1/2		1/2	
3/4	2,282.29	3/4	1,924.68	3/4	1,567.05	3/4	1,213.31	3/4	856.60	3/4	499.14	3/4	148.93	3/4		3/4		3/4	
7	2,274.84	7	1,917.23	7	1,559.60	7	1,205.86	7	849.18	7	491.69	7	141.49	7		7		7	
1/4	2,267.39	1/4	1,909.78	1/4	1,552.15	1/4	1,198.41	1/4	841.76	1/4	484.24	1/4	134.05	1/4		1/4		1/4	
1/2	2,259.94	1/2	1,902.33	1/2	1,544.70	1/2	1,190.96	1/2	834.34	1/2	476.79	1/2	126.62	1/2		1/2		1/2	
3/4	2,252.49	3/4	1,894.88	3/4	1,537.25	3/4	1,183.50	3/4	826.91	3/4	469.78	3/4	119.82	3/4		3/4		3/4	
8	2,245.04	8	1,887.43	8	1,529.80	8	1,176.05	8	819.48	8	462.77	8	113.02	8		8		8	
1/4	2,237.59	1/4	1,879.98	1/4	1,522.35	1/4	1,168.60	1/4	812.06	1/4	455.76	1/4	106.22	1/4		1/4		1/4	
1/2	2,230.14	1/2	1,872.53	1/2	1,514.90	1/2	1,161.15	1/2	804.63	1/2	448.75	1/2	99.42	1/2		1/2		1/2	
3/4	2,222.69	3/4	1,865.07	3/4	1,507.45	3/4	1,153.70	3/4	797.18	3/4	442.17	3/4	93.86	3/4		3/4		3/4	
9	2,215.24	9	1,857.62	9	1,500.00	9	1,146.25	9	789.73	9	435.60	9	88.31	9		9		9	
1/4	2,207.79	1/4	1,850.17	1/4	1,492.55	1/4	1,138.80	1/4	782.28	1/4	429.03	1/4	82.76	1/4		1/4		1/4	
1/2	2,200.34	1/2	1,842.72	1/2	1,485.10	1/2	1,131.35	1/2	774.83	1/2	422.46	1/2	77.20	1/2		1/2		1/2	
3/4	2,192.89	3/4	1,835.27	3/4	1,477.65	3/4	1,123.90	3/4	767.38	3/4	415.45	3/4	73.32	3/4		3/4		3/4	
10	2,185.44	10	1,827.82	10	1,470.20	10	1,116.45	10	759.93	10	408.44	10	69.44	10		10		10	
1/4	2,177.99	1/4	1,820.37	1/4	1,462.75	1/4	1,108.99	1/4	752.48	1/4	401.43	1/4	65.57	1/4		1/4		1/4	
1/2	2,170.54	1/2	1,812.92	1/2	1,455.30	1/2	1,101.54	1/2	745.02	1/2	394.42	1/2	61.69	1/2		1/2		1/2	
3/4	2,163.09	3/4	1,805.47	3/4	1,447.85	3/4	1,094.12	3/4	737.57	3/4	386.98	3/4	59.49	3/4		3/4		3/4	
11	2,155.64	11	1,798.02	11	1,440.40	11	1,086.69	11	730.12	11	379.55	11	57.30	11		11		11	
1/4	2,148.19	1/4	1,790.57	1/4	1,432.95	1/4	1,079.26	1/4	722.67	1/4	372.11	1/4	55.10	1/4		1/4		1/4	
1/2	2,140.74	1/2	1,783.12	1/2	1,425.50	1/2	1,071.84	1/2	715.22	1/2	364.67	1/2	52.90	1/2		1/2		1/2	
3/4	2,133.29	3/4	1,775.67	3/4	1,418.21	3/4	1,064.42	3/4	707.77	3/4	357.25	3/4	51.53	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 SW
CALCULATED: 01/04/2013 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
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BARGE "KIRBY 27784"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	2,329	0	4,658	0	6,988	0	9,317	0	11,646	0	13,975	0		0		0	
1/4	49	1/4	2,378	1/4	4,707	1/4	7,036	1/4	9,366	1/4	11,695	1/4	14,024	1/4		1/4		1/4	
1/2	97	1/2	2,426	1/2	4,756	1/2	7,085	1/2	9,414	1/2	11,743	1/2	14,073	1/2		1/2		1/2	
3/4	146	3/4	2,475	3/4	4,804	3/4	7,133	3/4	9,463	3/4	11,792	3/4	14,121	3/4		3/4		3/4	
1	194	1	2,523	1	4,853	1	7,182	1	9,511	1	11,840	1	14,170	1		1		1	
1/4	243	1/4	2,572	1/4	4,901	1/4	7,230	1/4	9,560	1/4	11,889	1/4	14,218	1/4		1/4		1/4	
1/2	291	1/2	2,620	1/2	4,950	1/2	7,279	1/2	9,608	1/2	11,937	1/2	14,267	1/2		1/2		1/2	
3/4	340	3/4	2,669	3/4	4,998	3/4	7,327	3/4	9,657	3/4	11,986	3/4	14,315	3/4		3/4		3/4	
2	388	2	2,717	2	5,047	2	7,376	2	9,705	2	12,034	2	14,364	2		2		2	
1/4	437	1/4	2,766	1/4	5,095	1/4	7,424	1/4	9,754	1/4	12,083	1/4	14,412	1/4		1/4		1/4	
1/2	485	1/2	2,815	1/2	5,144	1/2	7,473	1/2	9,802	1/2	12,132	1/2	14,461	1/2		1/2		1/2	
3/4	534	3/4	2,863	3/4	5,192	3/4	7,522	3/4	9,851	3/4	12,180	3/4	14,509	3/4		3/4		3/4	
3	582	3	2,912	3	5,241	3	7,570	3	9,899	3	12,229	3	14,558	3		3		3	
1/4	631	1/4	2,960	1/4	5,289	1/4	7,619	1/4	9,948	1/4	12,277	1/4		1/4		1/4		1/4	
1/2	679	1/2	3,009	1/2	5,338	1/2	7,667	1/2	9,996	1/2	12,326	1/2		1/2		1/2		1/2	
3/4	728	3/4	3,057	3/4	5,386	3/4	7,716	3/4	10,045	3/4	12,374	3/4		3/4		3/4		3/4	
4	776	4	3,106	4	5,435	4	7,764	4	10,093	4	12,423	4		4		4		4	
1/4	825	1/4	3,154	1/4	5,483	1/4	7,813	1/4	10,142	1/4	12,471	1/4		1/4		1/4		1/4	
1/2	873	1/2	3,203	1/2	5,532	1/2	7,861	1/2	10,190	1/2	12,520	1/2		1/2		1/2		1/2	
3/4	922	3/4	3,251	3/4	5,580	3/4	7,910	3/4	10,239	3/4	12,568	3/4		3/4		3/4		3/4	
5	971	5	3,300	5	5,629	5	7,958	5	10,288	5	12,617	5		5		5		5	
1/4	1,019	1/4	3,348	1/4	5,678	1/4	8,007	1/4	10,336	1/4	12,665	1/4		1/4		1/4		1/4	
1/2	1,068	1/2	3,397	1/2	5,726	1/2	8,055	1/2	10,385	1/2	12,714	1/2		1/2		1/2		1/2	
3/4	1,116	3/4	3,445	3/4	5,775	3/4	8,104	3/4	10,433	3/4	12,762	3/4		3/4		3/4		3/4	
6	1,165	6	3,494	6	5,823	6	8,152	6	10,482	6	12,811	6		6		6		6	
1/4	1,213	1/4	3,542	1/4	5,872	1/4	8,201	1/4	10,530	1/4	12,859	1/4		1/4		1/4		1/4	
1/2	1,262	1/2	3,591	1/2	5,920	1/2	8,249	1/2	10,579	1/2	12,908	1/2		1/2		1/2		1/2	
3/4	1,310	3/4	3,639	3/4	5,969	3/4	8,298	3/4	10,627	3/4	12,956	3/4		3/4		3/4		3/4	
7	1,359	7	3,688	7	6,017	7	8,346	7	10,676	7	13,005	7		7		7		7	
1/4	1,407	1/4	3,737	1/4	6,066	1/4	8,395	1/4	10,724	1/4	13,053	1/4		1/4		1/4		1/4	
1/2	1,456	1/2	3,785	1/2	6,114	1/2	8,444	1/2	10,773	1/2	13,102	1/2		1/2		1/2		1/2	
3/4	1,504	3/4	3,834	3/4	6,163	3/4	8,492	3/4	10,821	3/4	13,151	3/4		3/4		3/4		3/4	
8	1,553	8	3,882	8	6,211	8	8,541	8	10,870	8	13,199	8		8		8		8	
1/4	1,601	1/4	3,931	1/4	6,260	1/4	8,589	1/4	10,918	1/4	13,248	1/4		1/4		1/4		1/4	
1/2	1,650	1/2	3,979	1/2	6,308	1/2	8,638	1/2	10,967	1/2	13,296	1/2		1/2		1/2		1/2	
3/4	1,698	3/4	4,028	3/4	6,357	3/4	8,686	3/4	11,015	3/4	13,345	3/4		3/4		3/4		3/4	
9	1,747	9	4,076	9	6,405	9	8,735	9	11,064	9	13,393	9		9		9		9	
1/4	1,795	1/4	4,125	1/4	6,454	1/4	8,783	1/4	11,112	1/4	13,442	1/4		1/4		1/4		1/4	
1/2	1,844	1/2	4,173	1/2	6,502	1/2	8,832	1/2	11,161	1/2	13,490	1/2		1/2		1/2		1/2	
3/4	1,893	3/4	4,222	3/4	6,551	3/4	8,880	3/4	11,210	3/4	13,539	3/4		3/4		3/4		3/4	
10	1,941	10	4,270	10	6,600	10	8,929	10	11,258	10	13,587	10		10		10		10	
1/4	1,990	1/4	4,319	1/4	6,648	1/4	8,977	1/4	11,307	1/4	13,636	1/4		1/4		1/4		1/4	
1/2	2,038	1/2	4,367	1/2	6,697	1/2	9,026	1/2	11,355	1/2	13,684	1/2		1/2		1/2		1/2	
3/4	2,087	3/4	4,416	3/4	6,745	3/4	9,074	3/4	11,404	3/4	13,733	3/4		3/4		3/4		3/4	
11	2,135	11	4,464	11	6,794	11	9,123	11	11,452	11	13,781	11		11		11		11	
1/4	2,184	1/4	4,513	1/4	6,842	1/4	9,171	1/4	11,501	1/4	13,830	1/4		1/4		1/4		1/4	
1/2	2,232	1/2	4,561	1/2	6,891	1/2	9,220	1/2	11,549	1/2	13,878	1/2		1/2		1/2		1/2	
3/4	2,281	3/4	4,610	3/4	6,939	3/4	9,268	3/4	11,598	3/4	13,927	3/4		3/4		3/4		3/4	

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.

STRAPPED: 03/01/2023 JS
 CALCULATED: 03/02/2023 CL
 PRINTED: 03/02/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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