



BARGE "KIRBY 27788"

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	01-0/8	- 01-0/8	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	01-0/8	- 01-0/8	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	01-7/8	- 01-7/8	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	01-7/8	- 01-7/8	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 27788"

1 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	0	0	0	0	4,836.56	0	4,506.64	0	4,155.01	0	3,781.95	0	3,404.57	0	3,027.19		
1/4		1/4		1/4		1/4		1/4	4,829.07	1/4	4,499.60	1/4	4,147.43	1/4	3,774.08	1/4	3,396.70	1/4	3,019.32		
1/2		1/2		1/2		1/2		1/2	4,821.58	1/2	4,492.56	1/2	4,139.85	1/2	3,766.22	1/2	3,388.84	1/2	3,011.46		
3/4		3/4		3/4		3/4		3/4	4,814.66	3/4	4,485.48	3/4	4,132.23	3/4	3,758.36	3/4	3,380.98	3/4	3,003.60		
1	1	1	1	1	1	1	1	1	4,807.74	1	4,478.41	1	4,124.62	1	3,750.50	1	3,373.12	1	2,995.74		
1/4		1/4		1/4		1/4		1/4	4,800.82	1/4	4,471.33	1/4	4,117.00	1/4	3,742.64	1/4	3,365.26	1/4	2,987.87		
1/2		1/2		1/2		1/2		1/2	4,793.90	1/2	4,464.25	1/2	4,109.39	1/2	3,734.77	1/2	3,357.39	1/2	2,980.01		
3/4		3/4		3/4		3/4		3/4	4,787.25	3/4	4,457.14	3/4	4,101.73	3/4	3,726.91	3/4	3,349.53	3/4	2,972.15		
2	2	2	2	2	2	2	2	2	4,780.59	2	4,450.03	2	4,094.08	2	3,719.05	2	3,341.67	2	2,964.29		
1/4		1/4		1/4		1/4		1/4	4,773.93	1/4	4,442.91	1/4	4,086.43	1/4	3,711.19	1/4	3,333.81	1/4	2,956.43		
1/2		1/2		1/2		1/2		1/2	4,767.27	1/2	4,435.80	1/2	4,078.77	1/2	3,703.33	1/2	3,325.95	1/2	2,948.56		
3/4		3/4		3/4		3/4		3/4	4,760.57	3/4	4,428.63	3/4	4,071.08	3/4	3,695.46	3/4	3,318.08	3/4	2,940.70		
3	3	3	3	3	3	3	3	3	4,753.87	3	4,421.45	3	4,063.39	3	3,687.60	3	3,310.22	3	2,932.84		
1/4		1/4		1/4		1/4		1/4	4,747.18	1/4	4,414.28	1/4	4,055.70	1/4	3,679.74	1/4	3,302.36	1/4	2,924.98		
1/2		1/2		1/2		1/2		1/2	4,740.48	1/2	4,407.11	1/2	4,048.01	1/2	3,671.88	1/2	3,294.50	1/2	2,917.12		
3/4		3/4		3/4		3/4		3/4	4,733.74	3/4	4,399.85	3/4	4,040.28	3/4	3,664.02	3/4	3,286.63	3/4	2,909.25		
4	4	4	4	4	4	4	4	4	4,727.01	4	4,392.60	4	4,032.55	4	3,656.15	4	3,278.77	4	2,901.39		
1/4		1/4		1/4		1/4		1/4	4,720.27	1/4	4,385.35	1/4	4,024.82	1/4	3,648.29	1/4	3,270.91	1/4	2,893.53		
1/2		1/2		1/2		1/2		1/2	4,713.54	1/2	4,378.09	1/2	4,017.09	1/2	3,640.43	1/2	3,263.05	1/2	2,885.67		
3/4		3/4		3/4		3/4		3/4	4,706.77	3/4	4,370.78	3/4	4,009.32	3/4	3,632.57	3/4	3,255.19	3/4	2,877.81		
5	5	5	5	5	5	5	5	5	4,699.99	5	4,363.47	5	4,001.56	5	3,624.70	5	3,247.32	5	2,869.94		
1/4		1/4		1/4		1/4		1/4	4,693.22	1/4	4,356.16	1/4	3,993.79	1/4	3,616.84	1/4	3,239.46	1/4	2,862.08		
1/2		1/2		1/2		1/2		1/2	4,686.45	1/2	4,348.84	1/2	3,986.02	1/2	3,608.98	1/2	3,231.60	1/2	2,854.22		
3/4		3/4		3/4		3/4		3/4	4,679.64	3/4	4,341.49	3/4	3,978.22	3/4	3,601.12	3/4	3,223.74	3/4	2,846.36		
6	6	6	6	6	6	6	6	6	4,672.83	6	4,334.14	6	3,970.41	6	3,593.26	6	3,215.88	6	2,838.49		
1/4		1/4		1/4		1/4		1/4	4,666.02	1/4	4,326.79	1/4	3,962.61	1/4	3,585.39	1/4	3,208.01	1/4	2,830.63		
1/2		1/2		1/2		1/2		1/2	4,659.20	1/2	4,319.44	1/2	3,954.80	1/2	3,577.53	1/2	3,200.15	1/2	2,822.77		
3/4		3/4		3/4		3/4		3/4	4,652.36	3/4	4,312.05	3/4	3,946.96	3/4	3,569.67	3/4	3,192.29	3/4	2,814.91		
7	7	7	7	7	7	7	7	7	4,645.51	7	4,304.67	7	3,939.12	7	3,561.81	7	3,184.43	7	2,807.05		
1/4		1/4		1/4		1/4		1/4	4,638.66	1/4	4,297.28	1/4	3,931.28	1/4	3,553.95	1/4	3,176.57	1/4	2,799.18		
1/2		1/2		1/2		1/2		1/2	4,631.81	1/2	4,289.89	1/2	3,923.45	1/2	3,546.08	1/2	3,168.70	1/2	2,791.32		
3/4		3/4		3/4		3/4		3/4	4,624.92	3/4	4,282.46	3/4	3,915.59	3/4	3,538.22	3/4	3,160.84	3/4	2,783.46		
8	8	8	8	8	8	8	8	8	4,618.04	8	4,275.04	8	3,907.73	8	3,530.36	8	3,152.98	8	2,775.60		
1/4		1/4		1/4		1/4		1/4	4,611.15	1/4	4,267.61	1/4	3,899.87	1/4	3,522.50	1/4	3,145.12	1/4	2,767.74		
1/2		1/2		1/2		1/2		1/2	4,604.26	1/2	4,260.18	1/2	3,892.02	1/2	3,514.64	1/2	3,137.25	1/2	2,759.87		
3/4		3/4		3/4		3/4		3/4	4,597.34	3/4	4,252.72	3/4	3,884.15	3/4	3,506.77	3/4	3,129.39	3/4	2,752.01		
9	9	9	9	9	9	9	9	9	4,590.41	9	4,245.26	9	3,876.29	9	3,498.91	9	3,121.53	9	2,744.15		
1/4		1/4		1/4		1/4		1/4	4,583.49	1/4	4,237.79	1/4	3,868.43	1/4	3,491.05	1/4	3,113.67	1/4	2,736.29		
1/2		1/2		1/2		1/2		1/2	4,576.56	1/2	4,230.33	1/2	3,860.57	1/2	3,483.19	1/2	3,105.81	1/2	2,728.43		
3/4		3/4		3/4		3/4		3/4	4,569.60	3/4	4,222.83	3/4	3,852.71	3/4	3,475.32	3/4	3,097.94	3/4	2,720.56		
10	10	10	10	10	10	10	10	10	4,562.64	10	4,215.32	10	3,844.84	10	3,467.46	10	3,090.08	10	2,712.70		
1/4		1/4		1/4		1/4		1/4	4,890.24	1/4	4,555.68	1/4	4,207.82	1/4	3,836.98	1/4	3,459.60	1/4	3,082.22	1/4	2,704.84
1/2		1/2		1/2		1/2		1/2	4,882.65	1/2	4,548.71	1/2	4,200.32	1/2	3,829.12	1/2	3,451.74	1/2	3,074.36	1/2	2,696.98
3/4		3/4		3/4		3/4		3/4	4,874.87	3/4	4,541.71	3/4	4,192.78	3/4	3,821.26	3/4	3,443.88	3/4	3,066.50	3/4	2,689.11
11	11	11	11	11	11	11	11	11	4,867.09	11	4,534.71	11	4,185.24	11	3,813.40	11	3,436.01	11	3,058.63	11	2,681.25
1/4		1/4		1/4		1/4		1/4	4,859.32	1/4	4,527.71	1/4	4,177.70	1/4	3,805.53	1/4	3,428.15	1/4	3,050.77	1/4	2,673.39
1/2		1/2		1/2		1/2		1/2	4,851.54	1/2	4,520.71	1/2	4,170.16	1/2	3,797.67	1/2	3,420.29	1/2	3,042.91	1/2	2,665.53
3/4		3/4		3/4		3/4		3/4	4,844.05	3/4	4,513.67	3/4	4,162.58	3/4	3,789.81	3/4	3,412.43	3/4	3,035.05	3/4	2,657.67

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'-09" FORWARD OF AFT BULKHEAD

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BARGE "KIRBY 27788"

1 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	2,649.80	0	2,272.42	0	1,895.04	0	1,517.65	0	1,141.23	0	766.01	0	398.07	0	71.51	0		0	
1/4	2,641.94	1/4	2,264.56	1/4	1,887.18	1/4	1,509.79	1/4	1,133.43	1/4	758.15	1/4	390.54	1/4	65.95	1/4		1/4	
1/2	2,634.08	1/2	2,256.70	1/2	1,879.31	1/2	1,501.92	1/2	1,125.62	1/2	750.28	1/2	383.02	1/2	60.38	1/2		1/2	
3/4	2,626.22	3/4	2,248.84	3/4	1,871.45	3/4	1,494.07	3/4	1,117.82	3/4	742.42	3/4	375.60	3/4	54.49	3/4		3/4	
1	2,618.36	1	2,240.98	1	1,863.59	1	1,486.23	1	1,110.01	1	734.56	1	368.18	1	48.60	1		1	
1/4	2,610.49	1/4	2,233.11	1/4	1,855.73	1/4	1,478.38	1/4	1,102.21	1/4	726.69	1/4	360.76	1/4	42.71	1/4		1/4	
1/2	2,602.63	1/2	2,225.25	1/2	1,847.86	1/2	1,470.53	1/2	1,094.40	1/2	718.83	1/2	353.34	1/2	36.82	1/2		1/2	
3/4	2,594.77	3/4	2,217.39	3/4	1,840.00	3/4	1,462.69	3/4	1,086.60	3/4	710.97	3/4	346.02	3/4	31.43	3/4		3/4	
2	2,586.91	2	2,209.53	2	1,832.14	2	1,454.86	2	1,078.79	2	703.11	2	338.70	2	26.04	2		2	
1/4	2,579.05	1/4	2,201.66	1/4	1,824.28	1/4	1,447.02	1/4	1,070.99	1/4	695.24	1/4	331.38	1/4	20.65	1/4		1/4	
1/2	2,571.18	1/2	2,193.80	1/2	1,816.42	1/2	1,439.19	1/2	1,063.18	1/2	687.38	1/2	324.06	1/2	15.26	1/2		1/2	
3/4	2,563.32	3/4	2,185.94	3/4	1,808.55	3/4	1,431.35	3/4	1,055.38	3/4	679.52	3/4	316.83	3/4	11.89	3/4		3/4	
3	2,555.46	3	2,178.08	3	1,800.69	3	1,423.52	3	1,047.57	3	671.66	3	309.60	3	8.52	3		3	
1/4	2,547.60	1/4	2,170.22	1/4	1,792.83	1/4	1,415.69	1/4	1,039.77	1/4	663.79	1/4	302.36	1/4		1/4		1/4	
1/2	2,539.74	1/2	2,162.35	1/2	1,784.97	1/2	1,407.85	1/2	1,031.96	1/2	655.93	1/2	295.13	1/2		1/2		1/2	
3/4	2,531.87	3/4	2,154.49	3/4	1,777.10	3/4	1,400.02	3/4	1,024.16	3/4	648.07	3/4	288.00	3/4		3/4		3/4	
4	2,524.01	4	2,146.63	4	1,769.24	4	1,392.18	4	1,016.35	4	640.20	4	280.86	4		4		4	
1/4	2,516.15	1/4	2,138.77	1/4	1,761.38	1/4	1,384.35	1/4	1,008.55	1/4	632.34	1/4	273.73	1/4		1/4		1/4	
1/2	2,508.29	1/2	2,130.91	1/2	1,753.52	1/2	1,376.51	1/2	1,000.74	1/2	624.48	1/2	266.59	1/2		1/2		1/2	
3/4	2,500.42	3/4	2,123.04	3/4	1,745.65	3/4	1,368.67	3/4	992.94	3/4	616.62	3/4	259.56	3/4		3/4		3/4	
5	2,492.56	5	2,115.18	5	1,737.79	5	1,360.84	5	985.14	5	608.75	5	252.53	5		5		5	
1/4	2,484.70	1/4	2,107.32	1/4	1,729.93	1/4	1,353.00	1/4	977.33	1/4	600.89	1/4	245.50	1/4		1/4		1/4	
1/2	2,476.84	1/2	2,099.46	1/2	1,722.07	1/2	1,345.17	1/2	969.53	1/2	593.03	1/2	238.47	1/2		1/2		1/2	
3/4	2,468.98	3/4	2,091.60	3/4	1,714.21	3/4	1,337.33	3/4	961.72	3/4	585.17	3/4	231.54	3/4		3/4		3/4	
6	2,461.11	6	2,083.73	6	1,706.34	6	1,329.50	6	953.92	6	577.30	6	224.61	6		6		6	
1/4	2,453.25	1/4	2,075.87	1/4	1,698.48	1/4	1,321.66	1/4	946.11	1/4	569.44	1/4	217.68	1/4		1/4		1/4	
1/2	2,445.39	1/2	2,068.01	1/2	1,690.62	1/2	1,313.83	1/2	938.31	1/2	561.58	1/2	210.76	1/2		1/2		1/2	
3/4	2,437.53	3/4	2,060.15	3/4	1,682.76	3/4	1,305.98	3/4	930.50	3/4	553.71	3/4	203.94	3/4		3/4		3/4	
7	2,429.67	7	2,052.28	7	1,674.89	7	1,298.13	7	922.70	7	545.85	7	197.12	7		7		7	
1/4	2,421.80	1/4	2,044.42	1/4	1,667.03	1/4	1,290.28	1/4	914.89	1/4	537.99	1/4	190.31	1/4		1/4		1/4	
1/2	2,413.94	1/2	2,036.56	1/2	1,659.17	1/2	1,282.43	1/2	907.09	1/2	530.12	1/2	183.49	1/2		1/2		1/2	
3/4	2,406.08	3/4	2,028.70	3/4	1,651.31	3/4	1,274.57	3/4	899.28	3/4	522.49	3/4	176.79	3/4		3/4		3/4	
8	2,398.22	8	2,020.84	8	1,643.44	8	1,266.70	8	891.47	8	514.86	8	170.09	8		8		8	
1/4	2,390.36	1/4	2,012.97	1/4	1,635.58	1/4	1,258.84	1/4	883.67	1/4	507.23	1/4	163.40	1/4		1/4		1/4	
1/2	2,382.49	1/2	2,005.11	1/2	1,627.72	1/2	1,250.98	1/2	875.86	1/2	499.60	1/2	156.70	1/2		1/2		1/2	
3/4	2,374.63	3/4	1,997.25	3/4	1,619.86	3/4	1,243.11	3/4	868.04	3/4	492.46	3/4	150.11	3/4		3/4		3/4	
9	2,366.77	9	1,989.39	9	1,612.00	9	1,235.25	9	860.22	9	485.32	9	143.53	9		9		9	
1/4	2,358.91	1/4	1,981.52	1/4	1,604.13	1/4	1,227.39	1/4	852.40	1/4	478.18	1/4	136.94	1/4		1/4		1/4	
1/2	2,351.04	1/2	1,973.66	1/2	1,596.27	1/2	1,219.53	1/2	844.58	1/2	471.04	1/2	130.36	1/2		1/2		1/2	
3/4	2,343.18	3/4	1,965.80	3/4	1,588.41	3/4	1,211.68	3/4	836.73	3/4	463.98	3/4	124.11	3/4		3/4		3/4	
10	2,335.32	10	1,957.94	10	1,580.55	10	1,203.83	10	828.88	10	456.92	10	117.86	10		10		10	
1/4	2,327.46	1/4	1,950.07	1/4	1,572.68	1/4	1,195.98	1/4	821.03	1/4	449.86	1/4	111.62	1/4		1/4		1/4	
1/2	2,319.60	1/2	1,942.21	1/2	1,564.82	1/2	1,188.13	1/2	813.18	1/2	442.79	1/2	105.37	1/2		1/2		1/2	
3/4	2,311.73	3/4	1,934.35	3/4	1,556.96	3/4	1,180.31	3/4	805.32	3/4	435.38	3/4	99.69	3/4		3/4		3/4	
11	2,303.87	11	1,926.49	11	1,549.10	11	1,172.49	11	797.46	11	427.96	11	94.00	11		11		11	
1/4	2,296.01	1/4	1,918.62	1/4	1,541.23	1/4	1,164.67	1/4	789.60	1/4	420.55	1/4	88.32	1/4		1/4		1/4	
1/2	2,288.15	1/2	1,910.76	1/2	1,533.37	1/2	1,156.85	1/2	781.73	1/2	413.13	1/2	82.64	1/2		1/2		1/2	
3/4	2,280.29	3/4	1,902.90	3/4	1,525.51	3/4	1,149.04	3/4	773.87	3/4	405.60	3/4	77.08	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 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 27788"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	0	0	0	0	0	0	4,843.86	0	4,513.58	0	4,162.60	0	3,789.95	0	3,412.70	0	3,035.44
1/4		1/4		1/4		1/4		1/4	4,836.37	1/4	4,506.54	1/4	4,155.02	1/4	3,782.09	1/4	3,404.84	1/4	3,027.58
1/2		1/2		1/2		1/2		1/2	4,828.89	1/2	4,499.50	1/2	4,147.44	1/2	3,774.23	1/2	3,396.98	1/2	3,019.73
3/4		3/4		3/4		3/4		3/4	4,821.40	3/4	4,492.47	3/4	4,139.87	3/4	3,766.37	3/4	3,389.12	3/4	3,011.87
1	1	1	1	1	1	1	1	1	4,814.48	1	4,485.39	1	4,132.26	1	3,758.51	1	3,381.26	1	3,004.01
1/4		1/4		1/4		1/4		1/4	4,807.57	1/4	4,478.32	1/4	4,124.64	1/4	3,750.65	1/4	3,373.40	1/4	2,996.15
1/2		1/2		1/2		1/2		1/2	4,800.65	1/2	4,471.25	1/2	4,117.03	1/2	3,742.79	1/2	3,365.54	1/2	2,988.29
3/4		3/4		3/4		3/4		3/4	4,793.73	3/4	4,464.17	3/4	4,109.42	3/4	3,734.93	3/4	3,357.68	3/4	2,980.43
2	2	2	2	2	2	2	2	2	4,787.07	2	4,457.06	2	4,101.77	2	3,727.07	2	3,349.82	2	2,972.57
1/4		1/4		1/4		1/4		1/4	4,780.42	1/4	4,449.95	1/4	4,094.11	1/4	3,719.21	1/4	3,341.96	1/4	2,964.71
1/2		1/2		1/2		1/2		1/2	4,773.76	1/2	4,442.84	1/2	4,086.46	1/2	3,711.35	1/2	3,334.10	1/2	2,956.85
3/4		3/4		3/4		3/4		3/4	4,767.10	3/4	4,435.72	3/4	4,078.81	3/4	3,703.49	3/4	3,326.24	3/4	2,948.99
3	3	3	3	3	3	3	3	3	4,760.41	3	4,428.55	3	4,071.12	3	3,695.63	3	3,318.38	3	2,941.13
1/4		1/4		1/4		1/4		1/4	4,753.71	1/4	4,421.38	1/4	4,063.43	1/4	3,687.77	1/4	3,310.52	1/4	2,933.27
1/2		1/2		1/2		1/2		1/2	4,747.01	1/2	4,414.21	1/2	4,055.75	1/2	3,679.91	1/2	3,302.66	1/2	2,925.41
3/4		3/4		3/4		3/4		3/4	4,740.32	3/4	4,407.04	3/4	4,048.06	3/4	3,672.06	3/4	3,294.80	3/4	2,917.55
4	4	4	4	4	4	4	4	4	4,733.59	4	4,399.79	4	4,040.33	4	3,664.20	4	3,286.94	4	2,909.69
1/4		1/4		1/4		1/4		1/4	4,726.85	1/4	4,392.54	1/4	4,032.60	1/4	3,656.34	1/4	3,279.09	1/4	2,901.83
1/2		1/2		1/2		1/2		1/2	4,720.12	1/2	4,385.29	1/2	4,024.88	1/2	3,648.48	1/2	3,271.23	1/2	2,893.97
3/4		3/4		3/4		3/4		3/4	4,713.39	3/4	4,378.04	3/4	4,017.15	3/4	3,640.62	3/4	3,263.37	3/4	2,886.12
5	5	5	5	5	5	5	5	5	4,706.62	5	4,370.73	5	4,009.38	5	3,632.76	5	3,255.51	5	2,878.26
1/4		1/4		1/4		1/4		1/4	4,699.84	1/4	4,363.42	1/4	4,001.62	1/4	3,624.90	1/4	3,247.65	1/4	2,870.40
1/2		1/2		1/2		1/2		1/2	4,693.07	1/2	4,356.11	1/2	3,993.86	1/2	3,617.04	1/2	3,239.79	1/2	2,862.54
3/4		3/4		3/4		3/4		3/4	4,686.30	3/4	4,348.79	3/4	3,986.09	3/4	3,609.18	3/4	3,231.93	3/4	2,854.68
6	6	6	6	6	6	6	6	6	4,679.49	6	4,341.45	6	3,978.29	6	3,601.32	6	3,224.07	6	2,846.82
1/4		1/4		1/4		1/4		1/4	4,672.68	1/4	4,334.10	1/4	3,970.49	1/4	3,593.46	1/4	3,216.21	1/4	2,838.96
1/2		1/2		1/2		1/2		1/2	4,665.88	1/2	4,326.75	1/2	3,962.68	1/2	3,585.60	1/2	3,208.35	1/2	2,831.10
3/4		3/4		3/4		3/4		3/4	4,659.07	3/4	4,319.40	3/4	3,954.88	3/4	3,577.74	3/4	3,200.49	3/4	2,823.24
7	7	7	7	7	7	7	7	7	4,652.22	7	4,312.02	7	3,947.04	7	3,569.88	7	3,192.63	7	2,815.38
1/4		1/4		1/4		1/4		1/4	4,645.37	1/4	4,304.63	1/4	3,939.21	1/4	3,562.02	1/4	3,184.77	1/4	2,807.52
1/2		1/2		1/2		1/2		1/2	4,638.53	1/2	4,297.25	1/2	3,931.37	1/2	3,554.16	1/2	3,176.91	1/2	2,799.66
3/4		3/4		3/4		3/4		3/4	4,961.82	3/4	4,631.68	3/4	4,289.86	3/4	3,923.54	3/4	3,546.30	3/4	3,169.05
8	8	8	8	8	8	8	8	8	4,956.34	8	4,624.79	8	4,282.44	8	3,915.68	8	3,538.45	8	3,161.19
1/4		1/4		1/4		1/4		1/4	4,950.86	1/4	4,617.91	1/4	4,275.01	1/4	3,907.83	1/4	3,530.59	1/4	3,153.33
1/2		1/2		1/2		1/2		1/2	4,945.38	1/2	4,611.02	1/2	4,267.59	1/2	3,899.97	1/2	3,522.73	1/2	3,145.48
3/4		3/4		3/4		3/4		3/4	4,939.89	3/4	4,604.14	3/4	4,260.16	3/4	3,892.12	3/4	3,514.87	3/4	3,137.62
9	9	9	9	9	9	9	9	9	4,933.12	9	4,597.22	9	4,252.70	9	3,884.26	9	3,507.01	9	3,129.76
1/4		1/4		1/4		1/4		1/4	4,926.35	1/4	4,590.29	1/4	4,245.24	1/4	3,876.40	1/4	3,499.15	1/4	3,121.90
1/2		1/2		1/2		1/2		1/2	4,919.58	1/2	4,583.37	1/2	4,237.78	1/2	3,868.54	1/2	3,491.29	1/2	3,114.04
3/4		3/4		3/4		3/4		3/4	4,912.81	3/4	4,576.45	3/4	4,230.32	3/4	3,860.68	3/4	3,483.43	3/4	3,106.18
10	10	10	10	10	10	10	10	10	4,905.22	10	4,569.49	10	4,222.82	10	3,852.82	10	3,475.57	10	3,098.32
1/4		1/4		1/4		1/4		1/4	4,897.63	1/4	4,562.53	1/4	4,215.32	1/4	3,844.96	1/4	3,467.71	1/4	3,090.46
1/2		1/2		1/2		1/2		1/2	4,890.04	1/2	4,555.57	1/2	4,207.82	1/2	3,837.10	1/2	3,459.85	1/2	3,082.60
3/4		3/4		3/4		3/4		3/4	4,882.45	3/4	4,548.61	3/4	4,200.32	3/4	3,829.24	3/4	3,451.99	3/4	3,074.74
11	11	11	11	11	11	11	11	11	4,874.67	11	4,541.61	11	4,192.78	11	3,821.38	11	3,444.13	11	3,066.88
1/4		1/4		1/4		1/4		1/4	4,866.90	1/4	4,534.61	1/4	4,185.25	1/4	3,813.52	1/4	3,436.27	1/4	3,059.02
1/2		1/2		1/2		1/2		1/2	4,859.12	1/2	4,527.61	1/2	4,177.71	1/2	3,805.67	1/2	3,428.41	1/2	3,051.16
3/4		3/4		3/4		3/4		3/4	4,851.35	3/4	4,520.61	3/4	4,170.17	3/4	3,797.81	3/4	3,420.55	3/4	3,043.30

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'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 27788"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,658.19	0	2,280.94	0	1,903.69	0	1,526.42	0	1,149.88	0	773.65	0	405.50	0	77.07	0		0	
1/4	2,650.33	1/4	2,273.08	1/4	1,895.83	1/4	1,518.56	1/4	1,142.05	1/4	765.79	1/4	397.98	1/4	71.51	1/4		1/4	
1/2	2,642.47	1/2	2,265.22	1/2	1,887.97	1/2	1,510.71	1/2	1,134.21	1/2	757.93	1/2	390.45	1/2	65.94	1/2		1/2	
3/4	2,634.61	3/4	2,257.36	3/4	1,880.11	3/4	1,502.85	3/4	1,126.38	3/4	750.07	3/4	382.92	3/4	60.38	3/4		3/4	
1	2,626.76	1	2,249.50	1	1,872.25	1	1,495.00	1	1,118.55	1	742.21	1	375.51	1	54.49	1		1	
1/4	2,618.90	1/4	2,241.64	1/4	1,864.39	1/4	1,487.15	1/4	1,110.72	1/4	734.35	1/4	368.09	1/4	48.60	1/4		1/4	
1/2	2,611.04	1/2	2,233.79	1/2	1,856.53	1/2	1,479.31	1/2	1,102.89	1/2	726.49	1/2	360.68	1/2	42.71	1/2		1/2	
3/4	2,603.18	3/4	2,225.93	3/4	1,848.67	3/4	1,471.46	3/4	1,095.06	3/4	718.63	3/4	353.26	3/4	36.82	3/4		3/4	
2	2,595.32	2	2,218.07	2	1,840.81	2	1,463.63	2	1,087.23	2	710.77	2	345.94	2	31.43	2		2	
1/4	2,587.46	1/4	2,210.21	1/4	1,832.95	1/4	1,455.80	1/4	1,079.39	1/4	702.91	1/4	338.63	1/4	26.04	1/4		1/4	
1/2	2,579.60	1/2	2,202.35	1/2	1,825.09	1/2	1,447.97	1/2	1,071.56	1/2	695.05	1/2	331.31	1/2	20.65	1/2		1/2	
3/4	2,571.74	3/4	2,194.49	3/4	1,817.23	3/4	1,440.13	3/4	1,063.73	3/4	687.19	3/4	323.99	3/4	15.27	3/4		3/4	
3	2,563.88	3	2,186.63	3	1,809.37	3	1,432.30	3	1,055.90	3	679.33	3	316.76	3	11.90	3		3	
1/4	2,556.02	1/4	2,178.77	1/4	1,801.51	1/4	1,424.47	1/4	1,048.07	1/4	671.47	1/4	309.53	1/4	8.53	1/4		1/4	
1/2	2,548.16	1/2	2,170.91	1/2	1,793.65	1/2	1,416.64	1/2	1,040.24	1/2	663.61	1/2	302.30	1/2		1/2		1/2	
3/4	2,540.30	3/4	2,163.05	3/4	1,785.79	3/4	1,408.80	3/4	1,032.41	3/4	655.75	3/4	295.07	3/4		3/4		3/4	
4	2,532.44	4	2,155.19	4	1,777.93	4	1,400.97	4	1,024.58	4	647.89	4	287.94	4		4		4	
1/4	2,524.58	1/4	2,147.33	1/4	1,770.07	1/4	1,393.14	1/4	1,016.75	1/4	640.03	1/4	280.80	1/4		1/4		1/4	
1/2	2,516.72	1/2	2,139.47	1/2	1,762.21	1/2	1,385.31	1/2	1,008.91	1/2	632.17	1/2	273.67	1/2		1/2		1/2	
3/4	2,508.86	3/4	2,131.61	3/4	1,754.35	3/4	1,377.48	3/4	1,001.08	3/4	624.31	3/4	266.54	3/4		3/4		3/4	
5	2,501.00	5	2,123.75	5	1,746.49	5	1,369.64	5	993.25	5	616.45	5	259.51	5		5		5	
1/4	2,493.15	1/4	2,115.89	1/4	1,738.63	1/4	1,361.81	1/4	985.42	1/4	608.59	1/4	252.48	1/4		1/4		1/4	
1/2	2,485.29	1/2	2,108.03	1/2	1,730.77	1/2	1,353.98	1/2	977.59	1/2	600.73	1/2	245.45	1/2		1/2		1/2	
3/4	2,477.43	3/4	2,100.18	3/4	1,722.91	3/4	1,346.14	3/4	969.76	3/4	592.87	3/4	238.42	3/4		3/4		3/4	
6	2,469.57	6	2,092.32	6	1,715.05	6	1,338.31	6	961.93	6	585.01	6	231.49	6		6		6	
1/4	2,461.71	1/4	2,084.46	1/4	1,707.20	1/4	1,330.48	1/4	954.10	1/4	577.15	1/4	224.57	1/4		1/4		1/4	
1/2	2,453.85	1/2	2,076.60	1/2	1,699.34	1/2	1,322.65	1/2	946.27	1/2	569.29	1/2	217.64	1/2		1/2		1/2	
3/4	2,445.99	3/4	2,068.74	3/4	1,691.48	3/4	1,314.81	3/4	938.43	3/4	561.43	3/4	210.72	3/4		3/4		3/4	
7	2,438.13	7	2,060.88	7	1,683.62	7	1,306.97	7	930.60	7	553.57	7	203.90	7		7		7	
1/4	2,430.27	1/4	2,053.02	1/4	1,675.76	1/4	1,299.12	1/4	922.77	1/4	545.71	1/4	197.09	1/4		1/4		1/4	
1/2	2,422.41	1/2	2,045.16	1/2	1,667.90	1/2	1,291.27	1/2	914.94	1/2	537.85	1/2	190.27	1/2		1/2		1/2	
3/4	2,414.55	3/4	2,037.30	3/4	1,660.04	3/4	1,283.43	3/4	907.11	3/4	529.99	3/4	183.46	3/4		3/4		3/4	
8	2,406.69	8	2,029.44	8	1,652.18	8	1,275.57	8	899.28	8	522.36	8	176.76	8		8		8	
1/4	2,398.83	1/4	2,021.58	1/4	1,644.32	1/4	1,267.71	1/4	891.44	1/4	514.73	1/4	170.07	1/4		1/4		1/4	
1/2	2,390.97	1/2	2,013.72	1/2	1,636.46	1/2	1,259.85	1/2	883.61	1/2	507.10	1/2	163.37	1/2		1/2		1/2	
3/4	2,383.11	3/4	2,005.86	3/4	1,628.60	3/4	1,251.99	3/4	875.78	3/4	499.47	3/4	156.67	3/4		3/4		3/4	
9	2,375.25	9	1,998.00	9	1,620.74	9	1,244.13	9	867.93	9	492.34	9	150.09	9		9		9	
1/4	2,367.39	1/4	1,990.14	1/4	1,612.88	1/4	1,236.27	1/4	860.08	1/4	485.20	1/4	143.51	1/4		1/4		1/4	
1/2	2,359.54	1/2	1,982.28	1/2	1,605.02	1/2	1,228.41	1/2	852.23	1/2	478.06	1/2	136.92	1/2		1/2		1/2	
3/4	2,351.68	3/4	1,974.42	3/4	1,597.16	3/4	1,220.55	3/4	844.39	3/4	470.92	3/4	130.34	3/4		3/4		3/4	
10	2,343.82	10	1,966.56	10	1,589.30	10	1,212.69	10	836.53	10	463.86	10	124.10	10		10		10	
1/4	2,335.96	1/4	1,958.70	1/4	1,581.44	1/4	1,204.82	1/4	828.67	1/4	456.80	1/4	117.85	1/4		1/4		1/4	
1/2	2,328.10	1/2	1,950.84	1/2	1,573.58	1/2	1,196.96	1/2	820.81	1/2	449.74	1/2	111.60	1/2		1/2		1/2	
3/4	2,320.24	3/4	1,942.98	3/4	1,565.72	3/4	1,189.10	3/4	812.95	3/4	442.68	3/4	105.35	3/4		3/4		3/4	
11	2,312.38	11	1,935.12	11	1,557.86	11	1,181.26	11	805.09	11	435.27	11	99.67	11		11		11	
1/4	2,304.52	1/4	1,927.26	1/4	1,550.00	1/4	1,173.41	1/4	797.23	1/4	427.86	1/4	93.99	1/4		1/4		1/4	
1/2	2,296.66	1/2	1,919.40	1/2	1,542.14	1/2	1,165.56	1/2	789.37	1/2	420.44	1/2	88.31	1/2		1/2		1/2	
3/4	2,288.80	3/4	1,911.54	3/4	1,534.28	3/4	1,157.71	3/4	781.51	3/4	413.03	3/4	82.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 27788"

2 PORT 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	4,642.30	0	4,329.86	0	3,994.77	0	3,639.77	0	3,281.20	0	2,922.63
1/4		1/4		1/4		1/4		1/4	4,635.73	1/4	4,323.14	1/4	3,987.54	1/4	3,632.30	1/4	3,273.73	1/4	2,915.16
1/2		1/2		1/2		1/2		1/2	4,629.16	1/2	4,316.42	1/2	3,980.30	1/2	3,624.83	1/2	3,266.26	1/2	2,907.69
3/4		3/4		3/4		3/4		3/4	4,622.59	3/4	4,309.70	3/4	3,973.06	3/4	3,617.36	3/4	3,258.79	3/4	2,900.22
1	1	1	1	1	1	1	1	1	4,616.02	1	4,302.98	1	3,965.83	1	3,609.89	1	3,251.32	1	2,892.75
1/4		1/4		1/4		1/4		1/4	4,609.70	1/4	4,296.23	1/4	3,958.56	1/4	3,602.42	1/4	3,243.85	1/4	2,885.28
1/2		1/2		1/2		1/2		1/2	4,603.37	1/2	4,289.47	1/2	3,951.28	1/2	3,594.95	1/2	3,236.38	1/2	2,877.81
3/4		3/4		3/4		3/4		3/4	4,597.05	3/4	4,282.71	3/4	3,944.01	3/4	3,587.48	3/4	3,228.91	3/4	2,870.34
2	2	2	2	2	2	2	2	2	4,590.73	2	4,275.96	2	3,936.74	2	3,580.01	2	3,221.44	2	2,862.87
1/4		1/4		1/4		1/4		1/4	4,584.37	1/4	4,269.15	1/4	3,929.43	1/4	3,572.53	1/4	3,213.97	1/4	2,855.40
1/2		1/2		1/2		1/2		1/2	4,578.01	1/2	4,262.33	1/2	3,922.12	1/2	3,565.06	1/2	3,206.50	1/2	2,847.93
3/4		3/4		3/4		3/4		3/4	4,571.65	3/4	4,255.52	3/4	3,914.81	3/4	3,557.59	3/4	3,199.02	3/4	2,840.46
3	3	3	3	3	3	3	3	3	4,565.29	3	4,248.71	3	3,907.51	3	3,550.12	3	3,191.55	3	2,832.99
1/4		1/4		1/4		1/4		1/4	4,558.89	1/4	4,241.82	1/4	3,900.16	1/4	3,542.65	1/4	3,184.08	1/4	2,825.51
1/2		1/2		1/2		1/2		1/2	4,552.50	1/2	4,234.93	1/2	3,892.82	1/2	3,535.18	1/2	3,176.61	1/2	2,818.04
3/4		3/4		3/4		3/4		3/4	4,546.10	3/4	4,228.04	3/4	3,885.47	3/4	3,527.71	3/4	3,169.14	3/4	2,810.57
4	4	4	4	4	4	4	4	4	4,539.70	4	4,221.14	4	3,878.13	4	3,520.24	4	3,161.67	4	2,803.10
1/4		1/4		1/4		1/4		1/4	4,533.27	1/4	4,214.20	1/4	3,870.75	1/4	3,512.77	1/4	3,154.20	1/4	2,795.63
1/2		1/2		1/2		1/2		1/2	4,526.84	1/2	4,207.25	1/2	3,863.37	1/2	3,505.30	1/2	3,146.73	1/2	2,788.16
3/4		3/4		3/4		3/4		3/4	4,520.41	3/4	4,200.30	3/4	3,855.99	3/4	3,497.83	3/4	3,139.26	3/4	2,780.69
5	5	5	5	5	5	5	5	5	4,513.98	5	4,193.35	5	3,848.61	5	3,490.36	5	3,131.79	5	2,773.22
1/4		1/4		1/4		1/4		1/4	4,507.51	1/4	4,186.37	1/4	3,841.19	1/4	3,482.89	1/4	3,124.32	1/4	2,765.75
1/2		1/2		1/2		1/2		1/2	4,501.04	1/2	4,179.38	1/2	3,833.78	1/2	3,475.42	1/2	3,116.85	1/2	2,758.28
3/4		3/4		3/4		3/4		3/4	4,494.58	3/4	4,172.40	3/4	3,826.36	3/4	3,467.95	3/4	3,109.38	3/4	2,750.81
6	6	6	6	6	6	6	6	6	4,488.11	6	4,165.42	6	3,818.94	6	3,460.48	6	3,101.91	6	2,743.34
1/4		1/4		1/4		1/4		1/4	4,481.60	1/4	4,158.40	1/4	3,811.50	1/4	3,453.01	1/4	3,094.44	1/4	2,735.87
1/2		1/2		1/2		1/2		1/2	4,475.10	1/2	4,151.38	1/2	3,804.05	1/2	3,445.54	1/2	3,086.97	1/2	2,728.40
3/4		3/4		3/4		3/4		3/4	4,468.60	3/4	4,144.36	3/4	3,796.60	3/4	3,438.07	3/4	3,079.50	3/4	2,720.93
7	7	7	7	7	7	7	7	7	4,775.69	7	4,462.09	7	4,137.34	7	3,789.15	7	3,072.03	7	2,713.46
1/4		1/4		1/4		1/4		1/4	4,770.48	1/4	4,455.55	1/4	4,130.28	1/4	3,781.69	1/4	3,064.56	1/4	2,705.99
1/2		1/2		1/2		1/2		1/2	4,765.27	1/2	4,449.01	1/2	4,123.22	1/2	3,774.22	1/2	3,057.09	1/2	2,698.52
3/4		3/4		3/4		3/4		3/4	4,760.07	3/4	4,442.47	3/4	4,116.17	3/4	3,766.76	3/4	3,049.62	3/4	2,691.05
8	8	8	8	8	8	8	8	8	4,754.86	8	4,435.94	8	4,109.11	8	3,759.29	8	3,042.15	8	2,683.58
1/4		1/4		1/4		1/4		1/4	4,748.43	1/4	4,429.36	1/4	4,102.02	1/4	3,751.82	1/4	3,034.68	1/4	2,676.11
1/2		1/2		1/2		1/2		1/2	4,742.00	1/2	4,422.78	1/2	4,094.93	1/2	3,744.35	1/2	3,027.21	1/2	2,668.64
3/4		3/4		3/4		3/4		3/4	4,735.56	3/4	4,416.21	3/4	4,087.83	3/4	3,736.88	3/4	3,019.74	3/4	2,661.17
9	9	9	9	9	9	9	9	9	4,729.13	9	4,409.63	9	4,080.74	9	3,729.41	9	3,012.27	9	2,653.70
1/4		1/4		1/4		1/4		1/4	4,721.92	1/4	4,403.02	1/4	4,073.61	1/4	3,721.94	1/4	3,004.80	1/4	2,646.23
1/2		1/2		1/2		1/2		1/2	4,714.71	1/2	4,396.41	1/2	4,066.49	1/2	3,714.47	1/2	2,997.33	1/2	2,638.76
3/4		3/4		3/4		3/4		3/4	4,707.50	3/4	4,389.80	3/4	4,059.36	3/4	3,707.00	3/4	2,989.86	3/4	2,631.29
10	10	10	10	10	10	10	10	10	4,700.29	10	4,383.19	10	4,052.23	10	3,699.53	10	2,982.39	10	2,623.82
1/4		1/4		1/4		1/4		1/4	4,692.91	1/4	4,376.54	1/4	4,045.07	1/4	3,692.06	1/4	2,974.92	1/4	2,616.35
1/2		1/2		1/2		1/2		1/2	4,685.52	1/2	4,369.89	1/2	4,037.90	1/2	3,684.59	1/2	2,967.45	1/2	2,608.88
3/4		3/4		3/4		3/4		3/4	4,678.14	3/4	4,363.24	3/4	4,030.74	3/4	3,677.12	3/4	2,959.98	3/4	2,601.41
11	11	11	11	11	11	11	11	11	4,670.75	11	4,356.60	11	4,023.57	11	3,669.65	11	2,952.51	11	2,593.94
1/4		1/4		1/4		1/4		1/4	4,663.64	1/4	4,349.91	1/4	4,016.37	1/4	3,662.18	1/4	2,945.04	1/4	2,586.47
1/2		1/2		1/2		1/2		1/2	4,656.53	1/2	4,343.23	1/2	4,009.17	1/2	3,654.71	1/2	2,937.57	1/2	2,579.00
3/4		3/4		3/4		3/4		3/4	4,649.42	3/4	4,336.54	3/4	4,001.97	3/4	3,647.24	3/4	2,930.10	3/4	2,571.53

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 27788"

2 PORT 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	2,564.06	0	2,205.49	0	1,846.91	0	1,488.66	0	1,136.78	0	791.79	0	440.37	0	88.87	0		0	
1/4	2,556.59	1/4	2,198.02	1/4	1,839.44	1/4	1,481.35	1/4	1,129.64	1/4	784.32	1/4	432.93	1/4	81.69	1/4		1/4	
1/2	2,549.12	1/2	2,190.55	1/2	1,831.97	1/2	1,474.04	1/2	1,122.50	1/2	776.85	1/2	425.49	1/2	74.52	1/2		1/2	
3/4	2,541.65	3/4	2,183.08	3/4	1,824.50	3/4	1,466.73	3/4	1,115.36	3/4	769.38	3/4	418.05	3/4	67.34	3/4		3/4	
1	2,534.18	1	2,175.61	1	1,817.03	1	1,459.42	1	1,108.22	1	761.91	1	410.61	1	60.17	1		1	
1/4	2,526.71	1/4	2,168.14	1/4	1,809.56	1/4	1,452.11	1/4	1,101.08	1/4	754.44	1/4	403.16	1/4	53.37	1/4		1/4	
1/2	2,519.24	1/2	2,160.67	1/2	1,802.09	1/2	1,444.81	1/2	1,093.94	1/2	746.97	1/2	395.71	1/2	46.57	1/2		1/2	
3/4	2,511.77	3/4	2,153.20	3/4	1,794.62	3/4	1,437.50	3/4	1,086.80	3/4	739.50	3/4	388.26	3/4	39.77	3/4		3/4	
2	2,504.30	2	2,145.73	2	1,787.15	2	1,430.19	2	1,079.66	2	732.03	2	380.81	2	32.98	2		2	
1/4	2,496.83	1/4	2,138.26	1/4	1,779.68	1/4	1,422.88	1/4	1,072.52	1/4	724.56	1/4	373.35	1/4	28.00	1/4		1/4	
1/2	2,489.36	1/2	2,130.79	1/2	1,772.21	1/2	1,415.57	1/2	1,065.37	1/2	717.09	1/2	365.89	1/2	23.02	1/2		1/2	
3/4	2,481.89	3/4	2,123.32	3/4	1,764.74	3/4	1,408.26	3/4	1,058.23	3/4	709.62	3/4	358.42	3/4		3/4		3/4	
3	2,474.42	3	2,115.85	3	1,757.27	3	1,400.95	3	1,051.09	3	702.14	3	350.96	3		3		3	
1/4	2,466.95	1/4	2,108.38	1/4	1,749.80	1/4	1,393.65	1/4	1,043.95	1/4	694.67	1/4	343.49	1/4		1/4		1/4	
1/2	2,459.48	1/2	2,100.91	1/2	1,742.33	1/2	1,386.34	1/2	1,036.81	1/2	687.20	1/2	336.02	1/2		1/2		1/2	
3/4	2,452.00	3/4	2,093.44	3/4	1,734.86	3/4	1,379.03	3/4	1,029.67	3/4	679.73	3/4	328.55	3/4		3/4		3/4	
4	2,444.53	4	2,085.97	4	1,727.39	4	1,371.72	4	1,022.53	4	672.26	4	321.08	4		4		4	
1/4	2,437.06	1/4	2,078.49	1/4	1,719.92	1/4	1,364.41	1/4	1,015.39	1/4	664.79	1/4	313.61	1/4		1/4		1/4	
1/2	2,429.59	1/2	2,071.02	1/2	1,712.45	1/2	1,357.10	1/2	1,008.25	1/2	657.32	1/2	306.14	1/2		1/2		1/2	
3/4	2,422.12	3/4	2,063.55	3/4	1,704.98	3/4	1,349.79	3/4	1,001.11	3/4	649.85	3/4	298.67	3/4		3/4		3/4	
5	2,414.65	5	2,056.08	5	1,697.51	5	1,342.48	5	993.97	5	642.38	5	291.20	5		5		5	
1/4	2,407.18	1/4	2,048.61	1/4	1,690.03	1/4	1,335.09	1/4	986.82	1/4	634.91	1/4	283.73	1/4		1/4		1/4	
1/2	2,399.71	1/2	2,041.14	1/2	1,682.56	1/2	1,327.70	1/2	979.68	1/2	627.44	1/2	276.26	1/2		1/2		1/2	
3/4	2,392.24	3/4	2,033.67	3/4	1,675.09	3/4	1,320.31	3/4	972.54	3/4	619.96	3/4	268.79	3/4		3/4		3/4	
6	2,384.77	6	2,026.20	6	1,667.62	6	1,312.92	6	965.40	6	612.49	6	261.32	6		6		6	
1/4	2,377.30	1/4	2,018.73	1/4	1,660.15	1/4	1,305.45	1/4	958.26	1/4	605.02	1/4	253.86	1/4		1/4		1/4	
1/2	2,369.83	1/2	2,011.26	1/2	1,652.68	1/2	1,297.98	1/2	951.12	1/2	597.55	1/2	246.40	1/2		1/2		1/2	
3/4	2,362.36	3/4	2,003.79	3/4	1,645.21	3/4	1,290.51	3/4	943.98	3/4	590.08	3/4	238.93	3/4		3/4		3/4	
7	2,354.89	7	1,996.32	7	1,637.74	7	1,283.04	7	936.84	7	582.61	7	231.47	7		7		7	
1/4	2,347.42	1/4	1,988.85	1/4	1,630.27	1/4	1,275.57	1/4	929.70	1/4	575.36	1/4	224.02	1/4		1/4		1/4	
1/2	2,339.95	1/2	1,981.38	1/2	1,622.80	1/2	1,268.09	1/2	922.55	1/2	568.11	1/2	216.57	1/2		1/2		1/2	
3/4	2,332.48	3/4	1,973.91	3/4	1,615.33	3/4	1,260.62	3/4	915.41	3/4	560.86	3/4	209.13	3/4		3/4		3/4	
8	2,325.01	8	1,966.44	8	1,607.86	8	1,253.15	8	908.27	8	553.61	8	201.68	8		8		8	
1/4	2,317.54	1/4	1,958.97	1/4	1,600.39	1/4	1,245.68	1/4	901.11	1/4	546.80	1/4	194.24	1/4		1/4		1/4	
1/2	2,310.07	1/2	1,951.50	1/2	1,592.92	1/2	1,238.21	1/2	893.95	1/2	539.99	1/2	186.80	1/2		1/2		1/2	
3/4	2,302.60	3/4	1,944.03	3/4	1,585.45	3/4	1,230.74	3/4	886.79	3/4	533.18	3/4	179.36	3/4		3/4		3/4	
9	2,295.13	9	1,936.56	9	1,577.98	9	1,223.27	9	879.64	9	526.37	9	171.93	9		9		9	
1/4	2,287.66	1/4	1,929.09	1/4	1,570.51	1/4	1,215.95	1/4	872.47	1/4	519.56	1/4	164.71	1/4		1/4		1/4	
1/2	2,280.19	1/2	1,921.62	1/2	1,563.04	1/2	1,208.63	1/2	865.30	1/2	512.75	1/2	157.49	1/2		1/2		1/2	
3/4	2,272.72	3/4	1,914.15	3/4	1,555.57	3/4	1,201.31	3/4	858.13	3/4	505.94	3/4	150.27	3/4		3/4		3/4	
10	2,265.25	10	1,906.68	10	1,548.10	10	1,193.99	10	850.96	10	499.14	10	143.05	10		10		10	
1/4	2,257.78	1/4	1,899.21	1/4	1,540.63	1/4	1,186.83	1/4	843.64	1/4	491.89	1/4	136.27	1/4		1/4		1/4	
1/2	2,250.31	1/2	1,891.74	1/2	1,533.16	1/2	1,179.67	1/2	836.32	1/2	484.65	1/2	129.49	1/2		1/2		1/2	
3/4	2,242.84	3/4	1,884.27	3/4	1,525.69	3/4	1,172.51	3/4	829.00	3/4	477.41	3/4	122.72	3/4		3/4		3/4	
11	2,235.37	11	1,876.79	11	1,518.22	11	1,165.36	11	821.68	11	470.16	11	115.94	11		11		11	
1/4	2,227.90	1/4	1,869.32	1/4	1,510.83	1/4	1,158.21	1/4	814.21	1/4	462.71	1/4	109.17	1/4		1/4		1/4	
1/2	2,220.43	1/2	1,861.85	1/2	1,503.44	1/2	1,151.07	1/2	806.73	1/2	455.27	1/2	102.40	1/2		1/2		1/2	
3/4	2,212.96	3/4	1,854.38	3/4	1,496.05	3/4	1,143.93	3/4	799.26	3/4	447.82	3/4	95.64	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 27788"

2 STBD 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	4,672.67	0	4,359.37	0	4,025.29	0	3,670.78	0	3,312.17	0	2,953.56
1/4		1/4		1/4		1/4		1/4	4,665.56	1/4	4,352.68	1/4	4,018.09	1/4	3,663.31	1/4	3,304.70	1/4	2,946.09
1/2		1/2		1/2		1/2		1/2	4,658.45	1/2	4,346.00	1/2	4,010.89	1/2	3,655.84	1/2	3,297.23	1/2	2,938.62
3/4		3/4		3/4		3/4		3/4	4,651.88	3/4	4,339.28	3/4	4,003.65	3/4	3,648.37	3/4	3,289.76	3/4	2,931.15
1		1		1		1		1	4,645.30	1	4,332.56	1	3,996.41	1	3,640.90	1	3,282.29	1	2,923.67
1/4		1/4		1/4		1/4		1/4	4,638.73	1/4	4,325.84	1/4	3,989.18	1/4	3,633.43	1/4	3,274.82	1/4	2,916.20
1/2		1/2		1/2		1/2		1/2	4,632.16	1/2	4,319.12	1/2	3,981.94	1/2	3,625.96	1/2	3,267.35	1/2	2,908.73
3/4		3/4		3/4		3/4		3/4	4,625.84	3/4	4,312.36	3/4	3,974.67	3/4	3,618.49	3/4	3,259.87	3/4	2,901.26
2		2		2		2		2	4,619.52	2	4,305.61	2	3,967.39	2	3,611.02	2	3,252.40	2	2,893.79
1/4		1/4		1/4		1/4		1/4	4,613.19	1/4	4,298.85	1/4	3,960.12	1/4	3,603.54	1/4	3,244.93	1/4	2,886.32
1/2		1/2		1/2		1/2		1/2	4,606.87	1/2	4,292.10	1/2	3,952.85	1/2	3,596.07	1/2	3,237.46	1/2	2,878.85
3/4		3/4		3/4		3/4		3/4	4,600.51	3/4	4,285.28	3/4	3,945.54	3/4	3,588.60	3/4	3,229.99	3/4	2,871.38
3		3		3		3		3	4,594.15	3	4,278.47	3	3,938.23	3	3,581.13	3	3,222.52	3	2,863.91
1/4		1/4		1/4		1/4		1/4	4,587.79	1/4	4,271.66	1/4	3,930.92	1/4	3,573.66	1/4	3,215.05	1/4	2,856.43
1/2		1/2		1/2		1/2		1/2	4,581.43	1/2	4,264.84	1/2	3,923.61	1/2	3,566.19	1/2	3,207.58	1/2	2,848.96
3/4		3/4		3/4		3/4		3/4	4,575.03	3/4	4,257.95	3/4	3,916.27	3/4	3,558.72	3/4	3,200.11	3/4	2,841.49
4		4		4		4		4	4,568.64	4	4,251.06	4	3,908.92	4	3,551.25	4	3,192.63	4	2,834.02
1/4		1/4		1/4		1/4		1/4	4,562.24	1/4	4,244.17	1/4	3,901.58	1/4	3,543.78	1/4	3,185.16	1/4	2,826.55
1/2		1/2		1/2		1/2		1/2	4,555.85	1/2	4,237.28	1/2	3,894.23	1/2	3,536.30	1/2	3,177.69	1/2	2,819.08
3/4		3/4		3/4		3/4		3/4	4,549.42	3/4	4,230.33	3/4	3,886.85	3/4	3,528.83	3/4	3,170.22	3/4	2,811.61
5		5		5		5		5	4,542.98	5	4,223.38	5	3,879.47	5	3,521.36	5	3,162.75	5	2,804.14
1/4		1/4		1/4		1/4		1/4	4,536.55	1/4	4,216.43	1/4	3,872.09	1/4	3,513.89	1/4	3,155.28	1/4	2,796.67
1/2		1/2		1/2		1/2		1/2	4,530.12	1/2	4,209.48	1/2	3,864.71	1/2	3,506.42	1/2	3,147.81	1/2	2,789.19
3/4		3/4		3/4		3/4		3/4	4,523.65	3/4	4,202.50	3/4	3,857.29	3/4	3,498.95	3/4	3,140.34	3/4	2,781.72
6		6		6		6		6	4,517.19	6	4,195.51	6	3,849.88	6	3,491.48	6	3,132.87	6	2,774.25
1/4		1/4		1/4		1/4		1/4	4,510.72	1/4	4,188.53	1/4	3,842.46	1/4	3,484.01	1/4	3,125.39	1/4	2,766.78
1/2		1/2		1/2		1/2		1/2	4,504.25	1/2	4,181.55	1/2	3,835.04	1/2	3,476.54	1/2	3,117.92	1/2	2,759.31
3/4		3/4		3/4		3/4		3/4	4,497.75	3/4	4,174.52	3/4	3,827.59	3/4	3,469.06	3/4	3,110.45	3/4	2,751.84
7		7		7		7		7	4,491.24	7	4,167.50	7	3,820.14	7	3,461.59	7	3,102.98	7	2,744.37
1/4		1/4		1/4		1/4		1/4	4,484.74	1/4	4,160.48	1/4	3,812.70	1/4	3,454.12	1/4	3,095.51	1/4	2,736.90
1/2		1/2		1/2		1/2		1/2	4,478.24	1/2	4,153.46	1/2	3,805.25	1/2	3,446.65	1/2	3,088.04	1/2	2,729.43
3/4		3/4		3/4		3/4		3/4	4,471.70	3/4	4,146.41	3/4	3,797.78	3/4	3,439.18	3/4	3,080.57	3/4	2,721.95
8		8		8		8		8	4,465.16	8	4,139.35	8	3,790.31	8	3,431.71	8	3,073.10	8	2,714.48
1/4		1/4		1/4		1/4		1/4	4,458.62	1/4	4,132.29	1/4	3,782.85	1/4	3,424.24	1/4	3,065.63	1/4	2,707.01
1/2		1/2		1/2		1/2		1/2	4,452.08	1/2	4,125.24	1/2	3,775.38	1/2	3,416.77	1/2	3,058.15	1/2	2,699.54
3/4		3/4		3/4		3/4		3/4	4,445.50	3/4	4,118.14	3/4	3,767.91	3/4	3,409.30	3/4	3,050.68	3/4	2,692.07
9		9		9		9		9	4,438.93	9	4,111.05	9	3,760.44	9	3,401.82	9	3,043.21	9	2,684.60
1/4		1/4		1/4		1/4		1/4	4,432.35	1/4	4,103.96	1/4	3,752.97	1/4	3,394.35	1/4	3,035.74	1/4	2,677.13
1/2		1/2		1/2		1/2		1/2	4,425.77	1/2	4,096.87	1/2	3,745.50	1/2	3,386.88	1/2	3,028.27	1/2	2,669.66
3/4		3/4		3/4		3/4		3/4	4,419.16	3/4	4,089.74	3/4	3,738.02	3/4	3,379.41	3/4	3,020.80	3/4	2,662.19
10		10		10		10		10	4,412.55	10	4,082.61	10	3,730.55	10	3,371.94	10	3,013.33	10	2,654.71
1/4		1/4		1/4		1/4		1/4	4,405.94	1/4	4,075.48	1/4	3,723.08	1/4	3,364.47	1/4	3,005.86	1/4	2,647.24
1/2		1/2		1/2		1/2		1/2	4,400.00	1/2	4,068.35	1/2	3,715.61	1/2	3,357.00	1/2	2,998.39	1/2	2,639.77
3/4		3/4		3/4		3/4		3/4	4,393.68	3/4	4,061.19	3/4	3,708.14	3/4	3,349.53	3/4	2,990.91	3/4	2,632.30
11		11		11		11		11	4,386.03	11	4,054.02	11	3,700.67	11	3,342.06	11	2,983.44	11	2,624.83
1/4		1/4		1/4		1/4		1/4	4,379.38	1/4	4,046.86	1/4	3,693.20	1/4	3,334.59	1/4	2,975.97	1/4	2,617.36
1/2		1/2		1/2		1/2		1/2	4,372.74	1/2	4,039.69	1/2	3,685.73	1/2	3,327.11	1/2	2,968.50	1/2	2,609.89
3/4		3/4		3/4		3/4		3/4	4,366.05	3/4	4,032.49	3/4	3,678.26	3/4	3,319.64	3/4	2,961.03	3/4	2,602.42

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 27788"

2 STBD 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	2,594.95	0	2,236.33	0	1,877.72	0	1,519.26	0	1,164.44	0	806.82	0	455.32	0	102.41	0		0	
1/4	2,587.48	1/4	2,228.86	1/4	1,870.24	1/4	1,511.87	1/4	1,157.00	1/4	799.35	1/4	447.87	1/4	95.65	1/4		1/4	
1/2	2,580.00	1/2	2,221.39	1/2	1,862.77	1/2	1,504.48	1/2	1,149.55	1/2	791.88	1/2	440.42	1/2	88.88	1/2		1/2	
3/4	2,572.53	3/4	2,213.92	3/4	1,855.30	3/4	1,497.17	3/4	1,142.11	3/4	784.41	3/4	432.98	3/4	81.70	3/4		3/4	
1	2,565.06	1	2,206.45	1	1,847.83	1	1,489.86	1	1,134.67	1	776.94	1	425.53	1	74.53	1		1	
1/4	2,557.59	1/4	2,198.98	1/4	1,840.36	1/4	1,482.55	1/4	1,127.22	1/4	769.47	1/4	418.09	1/4	67.35	1/4		1/4	
1/2	2,550.12	1/2	2,191.51	1/2	1,832.89	1/2	1,475.24	1/2	1,119.78	1/2	761.99	1/2	410.65	1/2	60.18	1/2		1/2	
3/4	2,542.65	3/4	2,184.04	3/4	1,825.42	3/4	1,467.93	3/4	1,112.34	3/4	754.52	3/4	403.20	3/4	53.38	3/4		3/4	
2	2,535.18	2	2,176.56	2	1,817.95	2	1,460.62	2	1,104.90	2	747.05	2	395.75	2	46.58	2		2	
1/4	2,527.71	1/4	2,169.09	1/4	1,810.47	1/4	1,453.31	1/4	1,097.45	1/4	739.58	1/4	388.30	1/4	39.78	1/4		1/4	
1/2	2,520.24	1/2	2,161.62	1/2	1,803.00	1/2	1,446.00	1/2	1,090.01	1/2	732.11	1/2	380.85	1/2	32.98	1/2		1/2	
3/4	2,512.76	3/4	2,154.15	3/4	1,795.53	3/4	1,438.69	3/4	1,082.57	3/4	724.64	3/4	373.39	3/4	28.00	3/4		3/4	
3	2,505.29	3	2,146.68	3	1,788.06	3	1,431.38	3	1,075.13	3	717.16	3	365.93	3	23.03	3		3	
1/4	2,497.82	1/4	2,139.21	1/4	1,780.59	1/4	1,424.07	1/4	1,067.68	1/4	709.69	1/4	358.46	1/4		1/4		1/4	
1/2	2,490.35	1/2	2,131.74	1/2	1,773.12	1/2	1,416.76	1/2	1,060.24	1/2	702.22	1/2	351.00	1/2		1/2		1/2	
3/4	2,482.88	3/4	2,124.27	3/4	1,765.65	3/4	1,409.45	3/4	1,052.80	3/4	694.75	3/4	343.53	3/4		3/4		3/4	
4	2,475.41	4	2,116.80	4	1,758.17	4	1,402.14	4	1,045.35	4	687.28	4	336.06	4		4		4	
1/4	2,467.94	1/4	2,109.32	1/4	1,750.70	1/4	1,394.83	1/4	1,037.91	1/4	679.80	1/4	328.59	1/4		1/4		1/4	
1/2	2,460.47	1/2	2,101.85	1/2	1,743.23	1/2	1,387.52	1/2	1,030.47	1/2	672.33	1/2	321.12	1/2		1/2		1/2	
3/4	2,453.00	3/4	2,094.38	3/4	1,735.76	3/4	1,380.21	3/4	1,023.03	3/4	664.86	3/4	313.64	3/4		3/4		3/4	
5	2,445.52	5	2,086.91	5	1,728.29	5	1,372.90	5	1,015.58	5	657.39	5	306.17	5		5		5	
1/4	2,438.05	1/4	2,079.44	1/4	1,720.82	1/4	1,365.59	1/4	1,008.14	1/4	649.92	1/4	298.70	1/4		1/4		1/4	
1/2	2,430.58	1/2	2,071.97	1/2	1,713.35	1/2	1,358.28	1/2	1,000.70	1/2	642.45	1/2	291.23	1/2		1/2		1/2	
3/4	2,423.11	3/4	2,064.50	3/4	1,705.88	3/4	1,350.89	3/4	993.25	3/4	634.97	3/4	283.76	3/4		3/4		3/4	
6	2,415.64	6	2,057.03	6	1,698.40	6	1,343.50	6	985.81	6	627.50	6	276.29	6		6		6	
1/4	2,408.17	1/4	2,049.56	1/4	1,690.93	1/4	1,336.11	1/4	978.37	1/4	620.03	1/4	268.82	1/4		1/4		1/4	
1/2	2,400.70	1/2	2,042.08	1/2	1,683.46	1/2	1,328.72	1/2	970.93	1/2	612.56	1/2	261.35	1/2		1/2		1/2	
3/4	2,393.23	3/4	2,034.61	3/4	1,675.99	3/4	1,321.25	3/4	963.48	3/4	605.09	3/4	253.88	3/4		3/4		3/4	
7	2,385.76	7	2,027.14	7	1,668.52	7	1,313.78	7	956.04	7	597.61	7	246.42	7		7		7	
1/4	2,378.28	1/4	2,019.67	1/4	1,661.05	1/4	1,306.31	1/4	948.60	1/4	590.14	1/4	238.96	1/4		1/4		1/4	
1/2	2,370.81	1/2	2,012.20	1/2	1,653.58	1/2	1,298.83	1/2	941.15	1/2	582.67	1/2	231.49	1/2		1/2		1/2	
3/4	2,363.34	3/4	2,004.73	3/4	1,646.11	3/4	1,291.36	3/4	933.71	3/4	575.42	3/4	224.05	3/4		3/4		3/4	
8	2,355.87	8	1,997.26	8	1,638.63	8	1,283.89	8	926.27	8	568.17	8	216.60	8		8		8	
1/4	2,348.40	1/4	1,989.79	1/4	1,631.16	1/4	1,276.42	1/4	918.82	1/4	560.92	1/4	209.15	1/4		1/4		1/4	
1/2	2,340.93	1/2	1,982.31	1/2	1,623.69	1/2	1,268.95	1/2	911.38	1/2	553.66	1/2	201.70	1/2		1/2		1/2	
3/4	2,333.46	3/4	1,974.84	3/4	1,616.22	3/4	1,261.47	3/4	903.92	3/4	546.86	3/4	194.26	3/4		3/4		3/4	
9	2,325.99	9	1,967.37	9	1,608.75	9	1,254.00	9	896.46	9	540.05	9	186.82	9		9		9	
1/4	2,318.52	1/4	1,959.90	1/4	1,601.28	1/4	1,246.53	1/4	889.00	1/4	533.24	1/4	179.38	1/4		1/4		1/4	
1/2	2,311.04	1/2	1,952.43	1/2	1,593.81	1/2	1,239.06	1/2	881.54	1/2	526.43	1/2	171.94	1/2		1/2		1/2	
3/4	2,303.57	3/4	1,944.96	3/4	1,586.34	3/4	1,231.59	3/4	874.07	3/4	519.62	3/4	164.72	3/4		3/4		3/4	
10	2,296.10	10	1,937.49	10	1,578.86	10	1,224.11	10	866.60	10	512.81	10	157.50	10		10		10	
1/4	2,288.63	1/4	1,930.01	1/4	1,571.39	1/4	1,216.64	1/4	859.13	1/4	506.00	1/4	150.28	1/4		1/4		1/4	
1/2	2,281.16	1/2	1,922.54	1/2	1,563.92	1/2	1,209.17	1/2	851.65	1/2	499.19	1/2	143.07	1/2		1/2		1/2	
3/4	2,273.69	3/4	1,915.07	3/4	1,556.45	3/4	1,201.71	3/4	844.18	3/4	491.95	3/4	136.29	3/4		3/4		3/4	
11	2,266.22	11	1,907.60	11	1,548.98	11	1,194.25	11	836.71	11	484.70	11	129.51	11		11		11	
1/4	2,258.75	1/4	1,900.13	1/4	1,541.51	1/4	1,186.79	1/4	829.24	1/4	477.46	1/4	122.73	1/4		1/4		1/4	
1/2	2,251.28	1/2	1,892.66	1/2	1,534.04	1/2	1,179.33	1/2	821.77	1/2	470.22	1/2	115.95	1/2		1/2		1/2	
3/4	2,243.80	3/4	1,885.19	3/4	1,526.65	3/4	1,171.89	3/4	814.30	3/4	462.77	3/4	109.18	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "KIRBY 27788"

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	3,960.30	0	3,795.18	0	3,617.32	0	3,428.00	0	3,181.36	0	2,825.33		
1/4		1/4		1/4		1/4	3,956.69	1/4	3,791.64	1/4	3,613.47	1/4	3,424.01	1/4	3,173.92	1/4	2,817.92		
1/2		1/2		1/2		1/2	3,953.08	1/2	3,788.10	1/2	3,609.61	1/2	3,420.02	1/2	3,166.48	1/2	2,810.50		
3/4		3/4		3/4		3/4	3,949.46	3/4	3,784.56	3/4	3,605.76	3/4	3,416.03	3/4	3,159.05	3/4	2,803.09		
1		1		1		1	3,945.85	1	3,781.02	1	3,601.90	1	3,412.04	1	3,151.61	1	2,795.68		
1/4		1/4		1/4		1/4	3,942.52	1/4	3,777.46	1/4	3,598.03	1/4	3,408.05	1/4	3,144.17	1/4	2,788.26		
1/2		1/2		1/2		1/2	3,939.19	1/2	3,773.90	1/2	3,594.15	1/2	3,404.06	1/2	3,136.74	1/2	2,780.85		
3/4		3/4		3/4		3/4	3,935.87	3/4	3,770.34	3/4	3,590.28	3/4	3,400.07	3/4	3,129.30	3/4	2,773.44		
2		2		2		2	3,932.54	2	3,766.78	2	3,586.41	2	3,396.08	2	3,121.87	2	2,766.02		
1/4		1/4		1/4		1/4	3,929.19	1/4	3,763.20	1/4	3,582.51	1/4	3,392.09	1/4	3,114.45	1/4	2,758.61		
1/2		1/2		1/2		1/2	3,925.84	1/2	3,759.63	1/2	3,578.62	1/2	3,388.10	1/2	3,107.04	1/2	2,751.20		
3/4		3/4		3/4		3/4	3,922.50	3/4	3,756.05	3/4	3,574.73	3/4	3,384.11	3/4	3,099.63	3/4	2,743.78		
3		3		3		3	3,919.15	3	3,752.47	3	3,570.83	3	3,380.12	3	3,092.21	3	2,736.37		
1/4		1/4		1/4		1/4	3,915.78	1/4	3,748.83	1/4	3,566.92	1/4	3,376.14	1/4	3,084.80	1/4	2,728.96		
1/2		1/2		1/2		1/2	3,912.41	1/2	3,745.19	1/2	3,563.01	1/2	3,372.15	1/2	3,077.39	1/2	2,721.54		
3/4		3/4		3/4		3/4	3,909.05	3/4	3,741.55	3/4	3,559.09	3/4	3,368.16	3/4	3,069.97	3/4	2,714.13		
4		4		4		4	3,905.68	4	3,737.91	4	3,555.18	4	3,364.17	4	3,062.56	4	2,706.72		
1/4		1/4		1/4		1/4	3,902.30	1/4	3,734.21	1/4	3,551.25	1/4	3,360.18	1/4	3,055.15	1/4	2,699.30		
1/2		1/2		1/2		1/2	3,898.91	1/2	3,730.51	1/2	3,547.32	1/2	3,356.19	1/2	3,047.73	1/2	2,691.89		
3/4		3/4		3/4		3/4	3,895.52	3/4	3,726.81	3/4	3,543.39	3/4	3,352.20	3/4	3,040.32	3/4	2,684.48		
5		5		5		5	3,892.14	5	3,723.11	5	3,539.46	5	3,348.21	5	3,032.90	5	2,677.06		
1/4		1/4		1/4		1/4	3,888.73	1/4	3,719.39	1/4	3,535.50	1/4	3,344.22	1/4	3,025.49	1/4	2,669.65		
1/2		1/2		1/2		1/2	3,885.33	1/2	3,715.67	1/2	3,531.55	1/2	3,340.23	1/2	3,018.08	1/2	2,662.23		
3/4		3/4		3/4		3/4	3,881.92	3/4	3,711.94	3/4	3,527.60	3/4	3,336.24	3/4	3,010.66	3/4	2,654.82		
6		6		6		6	3,878.52	6	3,708.22	6	3,523.65	6	3,332.25	6	3,003.25	6	2,647.41		
1/4		1/4		1/4		1/4	3,875.09	1/4	3,704.49	1/4	3,519.68	1/4	3,328.26	1/4	2,995.84	1/4	2,639.99		
1/2		1/2		1/2		1/2	3,871.67	1/2	3,700.75	1/2	3,515.71	1/2	3,324.27	1/2	2,988.42	1/2	2,632.58		
3/4		3/4		3/4		3/4	3,868.24	3/4	3,697.01	3/4	3,511.74	3/4	3,320.28	3/4	2,981.01	3/4	2,625.17		
7		7		7		7	3,864.82	7	3,693.27	7	3,507.77	7	3,316.29	7	2,973.60	7	2,617.75		
1/4		1/4		1/4		1/4	3,861.38	1/4	3,689.51	1/4	3,503.78	1/4	3,312.30	1/4	2,966.18	1/4	2,610.34		
1/2		1/2		1/2		1/2	3,857.93	1/2	3,685.75	1/2	3,499.80	1/2	3,308.31	1/2	2,958.77	1/2	2,602.93		
3/4		3/4		3/4		3/4	3,854.49	3/4	3,681.99	3/4	3,495.82	3/4	3,304.32	3/4	2,951.36	3/4	2,595.51		
8		8		8		8	4,015.19	8	3,851.04	8	3,678.23	8	3,491.83	8	3,300.33	8	2,943.94	8	2,588.10
1/4		1/4		1/4		1/4	4,012.83	1/4	3,847.58	1/4	3,674.45	1/4	3,487.84	1/4	3,292.90	1/4	2,936.53	1/4	2,580.69
1/2		1/2		1/2		1/2	4,010.48	1/2	3,844.12	1/2	3,670.68	1/2	3,483.85	1/2	3,285.46	1/2	2,929.12	1/2	2,573.27
3/4		3/4		3/4		3/4	4,008.12	3/4	3,840.66	3/4	3,666.90	3/4	3,479.86	3/4	3,278.03	3/4	2,921.70	3/4	2,565.86
9		9		9		9	4,005.77	9	3,837.19	9	3,663.12	9	3,475.87	9	3,270.59	9	2,914.29	9	2,558.45
1/4		1/4		1/4		1/4	4,002.21	1/4	3,833.71	1/4	3,659.32	1/4	3,471.88	1/4	3,263.15	1/4	2,906.88	1/4	2,551.03
1/2		1/2		1/2		1/2	3,998.65	1/2	3,830.23	1/2	3,655.53	1/2	3,467.89	1/2	3,255.72	1/2	2,899.46	1/2	2,543.62
3/4		3/4		3/4		3/4	3,995.10	3/4	3,826.75	3/4	3,651.73	3/4	3,463.90	3/4	3,248.28	3/4	2,892.05	3/4	2,536.21
10		10		10		10	3,991.54	10	3,823.26	10	3,647.93	10	3,459.91	10	3,240.84	10	2,884.64	10	2,528.79
1/4		1/4		1/4		1/4	3,987.63	1/4	3,819.76	1/4	3,644.11	1/4	3,455.93	1/4	3,233.41	1/4	2,877.22	1/4	2,521.38
1/2		1/2		1/2		1/2	3,983.73	1/2	3,816.26	1/2	3,640.30	1/2	3,451.94	1/2	3,225.97	1/2	2,869.81	1/2	2,513.97
3/4		3/4		3/4		3/4	3,979.82	3/4	3,812.76	3/4	3,636.48	3/4	3,447.95	3/4	3,218.54	3/4	2,862.40	3/4	2,506.55
11		11		11		11	3,975.92	11	3,809.26	11	3,632.66	11	3,443.96	11	3,211.10	11	2,854.98	11	2,499.14
1/4		1/4		1/4		1/4	3,972.01	1/4	3,805.74	1/4	3,628.83	1/4	3,439.97	1/4	3,203.66	1/4	2,847.57	1/4	2,491.73
1/2		1/2		1/2		1/2	3,968.11	1/2	3,802.22	1/2	3,624.99	1/2	3,435.98	1/2	3,196.23	1/2	2,840.16	1/2	2,484.31
3/4		3/4		3/4		3/4	3,964.20	3/4	3,798.70	3/4	3,621.16	3/4	3,431.99	3/4	3,188.79	3/4	2,832.74	3/4	2,476.90

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 56'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 27788"

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	2,469.49	0	2,113.64	0	1,757.79	0	1,402.40	0	1,052.64	0	707.71	0	362.92	0	52.64	0		0	
1/4	2,462.07	1/4	2,106.23	1/4	1,750.38	1/4	1,395.17	1/4	1,045.46	1/4	700.51	1/4	355.53	1/4	51.29	1/4		1/4	
1/2	2,454.66	1/2	2,098.82	1/2	1,742.97	1/2	1,387.95	1/2	1,038.29	1/2	693.30	1/2	348.15	1/2	49.94	1/2		1/2	
3/4	2,447.25	3/4	2,091.40	3/4	1,735.55	3/4	1,380.72	3/4	1,031.11	3/4	686.09	3/4	340.76	3/4	48.59	3/4		3/4	
1	2,439.83	1	2,083.99	1	1,728.14	1	1,373.49	1	1,023.93	1	678.88	1	333.37	1	47.24	1		1	
1/4	2,432.42	1/4	2,076.58	1/4	1,720.72	1/4	1,366.24	1/4	1,016.76	1/4	671.67	1/4	325.98	1/4	46.74	1/4		1/4	
1/2	2,425.01	1/2	2,069.16	1/2	1,713.31	1/2	1,358.98	1/2	1,009.58	1/2	664.47	1/2	318.59	1/2	46.23	1/2		1/2	
3/4	2,417.59	3/4	2,061.75	3/4	1,705.90	3/4	1,351.73	3/4	1,002.40	3/4	657.26	3/4	311.20	3/4		3/4		3/4	
2	2,410.18	2	2,054.34	2	1,698.48	2	1,344.48	2	995.23	2	650.05	2	303.81	2		2		2	
1/4	2,402.77	1/4	2,046.92	1/4	1,691.07	1/4	1,337.23	1/4	988.05	1/4	642.84	1/4	296.41	1/4		1/4		1/4	
1/2	2,395.35	1/2	2,039.51	1/2	1,683.66	1/2	1,329.97	1/2	980.87	1/2	635.63	1/2	289.01	1/2		1/2		1/2	
3/4	2,387.94	3/4	2,032.10	3/4	1,676.24	3/4	1,322.72	3/4	973.69	3/4	628.42	3/4	281.60	3/4		3/4		3/4	
3	2,380.53	3	2,024.68	3	1,668.83	3	1,315.47	3	966.52	3	621.22	3	274.20	3		3		3	
1/4	2,373.11	1/4	2,017.27	1/4	1,661.41	1/4	1,308.21	1/4	959.34	1/4	614.01	1/4	266.78	1/4		1/4		1/4	
1/2	2,365.70	1/2	2,009.86	1/2	1,654.00	1/2	1,300.96	1/2	952.16	1/2	606.80	1/2	259.37	1/2		1/2		1/2	
3/4	2,358.29	3/4	2,002.44	3/4	1,646.59	3/4	1,293.71	3/4	944.99	3/4	599.59	3/4	251.95	3/4		3/4		3/4	
4	2,350.87	4	1,995.03	4	1,639.17	4	1,286.46	4	937.81	4	592.38	4	244.53	4		4		4	
1/4	2,343.46	1/4	1,987.62	1/4	1,631.76	1/4	1,279.20	1/4	930.63	1/4	585.18	1/4	237.11	1/4		1/4		1/4	
1/2	2,336.05	1/2	1,980.20	1/2	1,624.35	1/2	1,271.95	1/2	923.46	1/2	577.97	1/2	229.70	1/2		1/2		1/2	
3/4	2,328.63	3/4	1,972.79	3/4	1,616.93	3/4	1,264.69	3/4	916.28	3/4	570.76	3/4	222.28	3/4		3/4		3/4	
5	2,321.22	5	1,965.38	5	1,609.52	5	1,257.44	5	909.10	5	563.55	5	214.86	5		5		5	
1/4	2,313.81	1/4	1,957.96	1/4	1,602.10	1/4	1,250.20	1/4	901.92	1/4	556.13	1/4	207.45	1/4		1/4		1/4	
1/2	2,306.39	1/2	1,950.55	1/2	1,594.69	1/2	1,242.97	1/2	894.74	1/2	548.71	1/2	200.03	1/2		1/2		1/2	
3/4	2,298.98	3/4	1,943.14	3/4	1,587.28	3/4	1,235.73	3/4	887.56	3/4	541.29	3/4	192.61	3/4		3/4		3/4	
6	2,291.57	6	1,935.72	6	1,579.86	6	1,228.50	6	880.38	6	533.88	6	185.19	6		6		6	
1/4	2,284.15	1/4	1,928.31	1/4	1,572.45	1/4	1,221.10	1/4	873.20	1/4	526.46	1/4	177.78	1/4		1/4		1/4	
1/2	2,276.74	1/2	1,920.90	1/2	1,565.04	1/2	1,213.70	1/2	866.03	1/2	519.04	1/2	170.36	1/2		1/2		1/2	
3/4	2,269.32	3/4	1,913.48	3/4	1,557.62	3/4	1,206.30	3/4	858.85	3/4	511.62	3/4	162.94	3/4		3/4		3/4	
7	2,261.91	7	1,906.07	7	1,550.21	7	1,198.90	7	851.67	7	504.20	7	155.52	7		7		7	
1/4	2,254.50	1/4	1,898.65	1/4	1,542.82	1/4	1,191.50	1/4	844.49	1/4	496.78	1/4	148.12	1/4		1/4		1/4	
1/2	2,247.08	1/2	1,891.24	1/2	1,535.43	1/2	1,184.10	1/2	837.31	1/2	489.36	1/2	140.72	1/2		1/2		1/2	
3/4	2,239.67	3/4	1,883.83	3/4	1,528.04	3/4	1,176.71	3/4	830.13	3/4	481.95	3/4	133.32	3/4		3/4		3/4	
8	2,232.26	8	1,876.41	8	1,520.65	8	1,169.31	8	822.95	8	474.53	8	125.91	8		8		8	
1/4	2,224.84	1/4	1,869.00	1/4	1,513.26	1/4	1,161.91	1/4	815.76	1/4	467.55	1/4	119.14	1/4		1/4		1/4	
1/2	2,217.43	1/2	1,861.59	1/2	1,505.87	1/2	1,154.51	1/2	808.58	1/2	460.57	1/2	112.38	1/2		1/2		1/2	
3/4	2,210.02	3/4	1,854.17	3/4	1,498.48	3/4	1,147.11	3/4	801.40	3/4	453.59	3/4	105.61	3/4		3/4		3/4	
9	2,202.60	9	1,846.76	9	1,491.09	9	1,139.71	9	794.21	9	446.61	9	98.84	9		9		9	
1/4	2,195.19	1/4	1,839.35	1/4	1,483.70	1/4	1,132.32	1/4	787.00	1/4	440.07	1/4	93.31	1/4		1/4		1/4	
1/2	2,187.78	1/2	1,831.93	1/2	1,476.31	1/2	1,124.92	1/2	779.80	1/2	433.53	1/2	87.79	1/2		1/2		1/2	
3/4	2,180.36	3/4	1,824.52	3/4	1,468.92	3/4	1,117.52	3/4	772.59	3/4	426.99	3/4	82.26	3/4		3/4		3/4	
10	2,172.95	10	1,817.10	10	1,461.53	10	1,110.12	10	765.38	10	420.45	10	76.74	10		10		10	
1/4	2,165.54	1/4	1,809.69	1/4	1,454.13	1/4	1,102.93	1/4	758.17	1/4	413.47	1/4	72.89	1/4		1/4		1/4	
1/2	2,158.12	1/2	1,802.28	1/2	1,446.74	1/2	1,095.74	1/2	750.96	1/2	406.49	1/2	69.04	1/2		1/2		1/2	
3/4	2,150.71	3/4	1,794.86	3/4	1,439.35	3/4	1,088.56	3/4	743.76	3/4	399.52	3/4	65.18	3/4		3/4		3/4	
11	2,143.30	11	1,787.45	11	1,431.96	11	1,081.37	11	736.55	11	392.54	11	61.33	11		11		11	
1/4	2,135.88	1/4	1,780.04	1/4	1,424.57	1/4	1,074.19	1/4	729.34	1/4	385.13	1/4	59.16	1/4		1/4		1/4	
1/2	2,128.47	1/2	1,772.62	1/2	1,417.18	1/2	1,067.00	1/2	722.13	1/2	377.73	1/2	56.99	1/2		1/2		1/2	
3/4	2,121.06	3/4	1,765.21	3/4	1,409.79	3/4	1,059.82	3/4	714.92	3/4	370.33	3/4	54.81	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 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 27788"

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	3,980.17	0	3,815.11	0	3,636.54	0	3,446.85	0	3,193.23	0	2,836.23
1/4		1/4		1/4		1/4		1/4	3,976.56	1/4	3,811.57	1/4	3,632.68	1/4	3,442.86	1/4	3,185.79	1/4	2,828.79
1/2		1/2		1/2		1/2		1/2	3,972.95	1/2	3,808.03	1/2	3,628.82	1/2	3,438.87	1/2	3,178.36	1/2	2,821.35
3/4		3/4		3/4		3/4		3/4	3,969.62	3/4	3,804.46	3/4	3,624.95	3/4	3,434.88	3/4	3,170.92	3/4	2,813.91
1		1		1		1		1	3,966.29	1	3,800.90	1	3,621.07	1	3,430.89	1	3,163.48	1	2,806.48
1/4		1/4		1/4		1/4		1/4	3,962.96	1/4	3,797.34	1/4	3,617.20	1/4	3,426.90	1/4	3,156.04	1/4	2,799.04
1/2		1/2		1/2		1/2		1/2	3,959.63	1/2	3,793.78	1/2	3,613.32	1/2	3,422.90	1/2	3,148.61	1/2	2,791.60
3/4		3/4		3/4		3/4		3/4	3,956.28	3/4	3,790.20	3/4	3,609.42	3/4	3,418.91	3/4	3,141.17	3/4	2,784.16
2		2		2		2		2	3,952.93	2	3,786.62	2	3,605.53	2	3,414.92	2	3,133.73	2	2,776.73
1/4		1/4		1/4		1/4		1/4	3,949.58	1/4	3,783.04	1/4	3,601.63	1/4	3,410.93	1/4	3,126.29	1/4	2,769.29
1/2		1/2		1/2		1/2		1/2	3,946.23	1/2	3,779.46	1/2	3,597.74	1/2	3,406.94	1/2	3,118.86	1/2	2,761.85
3/4		3/4		3/4		3/4		3/4	3,942.86	3/4	3,775.82	3/4	3,593.82	3/4	3,402.95	3/4	3,111.42	3/4	2,754.41
3		3		3		3		3	3,939.49	3	3,772.18	3	3,589.91	3	3,398.96	3	3,103.98	3	2,746.98
1/4		1/4		1/4		1/4		1/4	3,936.12	1/4	3,768.54	1/4	3,586.00	1/4	3,394.96	1/4	3,096.54	1/4	2,739.54
1/2		1/2		1/2		1/2		1/2	3,932.75	1/2	3,764.90	1/2	3,582.08	1/2	3,390.97	1/2	3,089.11	1/2	2,732.10
3/4		3/4		3/4		3/4		3/4	3,929.37	3/4	3,761.19	3/4	3,578.15	3/4	3,386.98	3/4	3,081.67	3/4	2,724.66
4		4		4		4		4	3,925.98	4	3,757.49	4	3,574.21	4	3,382.99	4	3,074.23	4	2,717.23
1/4		1/4		1/4		1/4		1/4	3,922.59	1/4	3,753.79	1/4	3,570.28	1/4	3,379.00	1/4	3,066.79	1/4	2,709.79
1/2		1/2		1/2		1/2		1/2	3,919.20	1/2	3,750.08	1/2	3,566.35	1/2	3,375.01	1/2	3,059.35	1/2	2,702.35
3/4		3/4		3/4		3/4		3/4	3,915.80	3/4	3,746.36	3/4	3,562.39	3/4	3,371.01	3/4	3,051.92	3/4	2,694.91
5		5		5		5		5	3,912.39	5	3,742.64	5	3,558.44	5	3,367.02	5	3,044.48	5	2,687.47
1/4		1/4		1/4		1/4		1/4	3,908.98	1/4	3,738.92	1/4	3,554.49	1/4	3,363.03	1/4	3,037.04	1/4	2,680.04
1/2		1/2		1/2		1/2		1/2	3,905.57	1/2	3,735.20	1/2	3,550.53	1/2	3,359.04	1/2	3,029.60	1/2	2,672.60
3/4		3/4		3/4		3/4		3/4	3,902.15	3/4	3,731.45	3/4	3,546.56	3/4	3,355.05	3/4	3,022.17	3/4	2,665.16
6		6		6		6		6	3,898.72	6	3,727.71	6	3,542.59	6	3,351.06	6	3,014.73	6	2,657.72
1/4		1/4		1/4		1/4		1/4	3,895.30	1/4	3,723.97	1/4	3,538.62	1/4	3,347.07	1/4	3,007.29	1/4	2,650.29
1/2		1/2		1/2		1/2		1/2	3,891.87	1/2	3,720.23	1/2	3,534.65	1/2	3,343.07	1/2	2,999.85	1/2	2,642.85
3/4		3/4		3/4		3/4		3/4	3,888.42	3/4	3,716.47	3/4	3,530.66	3/4	3,339.08	3/4	2,992.42	3/4	2,635.41
7		7		7		7		7	3,884.98	7	3,712.71	7	3,526.67	7	3,335.09	7	2,984.98	7	2,627.97
1/4		1/4		1/4		1/4		1/4	3,881.53	1/4	3,708.95	1/4	3,522.69	1/4	3,331.10	1/4	2,977.54	1/4	2,620.54
1/2		1/2		1/2		1/2		1/2	4,042.32	1/2	3,878.09	1/2	3,705.19	1/2	3,518.70	1/2	3,327.11	1/2	2,970.10
3/4		3/4		3/4		3/4		3/4	4,039.97	3/4	3,874.62	3/4	3,701.41	3/4	3,514.71	3/4	3,319.67	3/4	2,962.67
8		8		8		8		8	4,037.61	8	3,871.16	8	3,697.63	8	3,510.72	8	3,312.23	8	2,958.22
1/4		1/4		1/4		1/4		1/4	4,035.25	1/4	3,867.69	1/4	3,693.85	1/4	3,506.73	1/4	3,304.80	1/4	2,947.79
1/2		1/2		1/2		1/2		1/2	4,032.89	1/2	3,864.23	1/2	3,690.07	1/2	3,502.73	1/2	3,297.36	1/2	2,940.35
3/4		3/4		3/4		3/4		3/4	4,029.33	3/4	3,860.74	3/4	3,686.27	3/4	3,498.74	3/4	3,289.92	3/4	2,932.92
9		9		9		9		9	4,025.77	9	3,857.26	9	3,682.47	9	3,494.75	9	3,282.48	9	2,925.48
1/4		1/4		1/4		1/4		1/4	4,022.22	1/4	3,853.78	1/4	3,678.67	1/4	3,490.76	1/4	3,275.05	1/4	2,918.04
1/2		1/2		1/2		1/2		1/2	4,018.66	1/2	3,850.29	1/2	3,674.87	1/2	3,486.77	1/2	3,267.61	1/2	2,910.60
3/4		3/4		3/4		3/4		3/4	4,014.75	3/4	3,846.79	3/4	3,671.05	3/4	3,482.78	3/4	3,260.17	3/4	2,903.17
10		10		10		10		10	4,010.84	10	3,843.29	10	3,667.24	10	3,478.79	10	3,252.73	10	2,895.73
1/4		1/4		1/4		1/4		1/4	4,006.93	1/4	3,839.78	1/4	3,663.42	1/4	3,474.79	1/4	3,245.29	1/4	2,888.29
1/2		1/2		1/2		1/2		1/2	4,003.03	1/2	3,836.28	1/2	3,659.60	1/2	3,470.80	1/2	3,237.86	1/2	2,880.85
3/4		3/4		3/4		3/4		3/4	3,999.12	3/4	3,832.76	3/4	3,655.76	3/4	3,466.81	3/4	3,230.42	3/4	2,873.41
11		11		11		11		11	3,995.21	11	3,829.24	11	3,651.92	11	3,462.82	11	3,222.98	11	2,865.97
1/4		1/4		1/4		1/4		1/4	3,991.31	1/4	3,825.71	1/4	3,648.09	1/4	3,458.83	1/4	3,215.54	1/4	2,858.54
1/2		1/2		1/2		1/2		1/2	3,987.40	1/2	3,822.19	1/2	3,644.25	1/2	3,454.84	1/2	3,208.11	1/2	2,851.10
3/4		3/4		3/4		3/4		3/4	3,983.79	3/4	3,818.65	3/4	3,640.39	3/4	3,450.84	3/4	3,200.67	3/4	2,843.66

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 27788"

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	2,479.22	0	2,122.22	0	1,765.21	0	1,408.52	0	1,055.20	0	699.13	0	349.24	0	50.07	0			0
1/4	2,471.78	1/4	2,114.78	1/4	1,757.77	1/4	1,401.24	1/4	1,047.79	1/4	691.69	1/4	341.83	1/4	48.70	1/4			1/4
1/2	2,464.35	1/2	2,107.34	1/2	1,750.33	1/2	1,393.97	1/2	1,040.38	1/2	684.25	1/2	334.42	1/2	47.33	1/2			1/2
3/4	2,456.91	3/4	2,099.90	3/4	1,742.90	3/4	1,386.69	3/4	1,032.97	3/4	676.81	3/4	327.01	3/4	46.81	3/4			3/4
1	2,449.47	1	2,092.47	1	1,735.46	1	1,379.41	1	1,025.56	1	669.38	1	319.60	1	46.28	1			1
1/4	2,442.03	1/4	2,085.03	1/4	1,728.02	1/4	1,372.14	1/4	1,018.15	1/4	661.94	1/4	312.19	1/4		1/4			1/4
1/2	2,434.60	1/2	2,077.59	1/2	1,720.58	1/2	1,364.86	1/2	1,010.74	1/2	654.50	1/2	304.79	1/2		1/2			1/2
3/4	2,427.16	3/4	2,070.15	3/4	1,713.14	3/4	1,357.58	3/4	1,003.33	3/4	647.06	3/4	297.36	3/4		3/4			3/4
2	2,419.72	2	2,062.72	2	1,705.71	2	1,350.31	2	995.92	2	639.62	2	289.94	2		2			2
1/4	2,412.28	1/4	2,055.28	1/4	1,698.27	1/4	1,343.03	1/4	988.51	1/4	632.18	1/4	282.52	1/4		1/4			1/4
1/2	2,404.85	1/2	2,047.84	1/2	1,690.83	1/2	1,335.76	1/2	981.10	1/2	624.75	1/2	275.09	1/2		1/2			1/2
3/4	2,397.41	3/4	2,040.40	3/4	1,683.39	3/4	1,328.48	3/4	973.69	3/4	617.31	3/4	267.66	3/4		3/4			3/4
3	2,389.97	3	2,032.97	3	1,675.96	3	1,321.20	3	966.28	3	609.87	3	260.22	3		3			3
1/4	2,382.53	1/4	2,025.53	1/4	1,668.52	1/4	1,313.93	1/4	958.88	1/4	602.43	1/4	252.78	1/4		1/4			1/4
1/2	2,375.10	1/2	2,018.09	1/2	1,661.08	1/2	1,306.65	1/2	951.47	1/2	594.99	1/2	245.34	1/2		1/2			1/2
3/4	2,367.66	3/4	2,010.65	3/4	1,653.64	3/4	1,299.38	3/4	944.06	3/4	587.56	3/4	237.91	3/4		3/4			3/4
4	2,360.22	4	2,003.22	4	1,646.20	4	1,292.10	4	936.65	4	580.12	4	230.47	4		4			4
1/4	2,352.78	1/4	1,995.78	1/4	1,638.77	1/4	1,284.82	1/4	929.24	1/4	572.68	1/4	223.03	1/4		1/4			1/4
1/2	2,345.35	1/2	1,988.34	1/2	1,631.33	1/2	1,277.54	1/2	921.83	1/2	565.24	1/2	215.59	1/2		1/2			1/2
3/4	2,337.91	3/4	1,980.90	3/4	1,623.89	3/4	1,270.27	3/4	914.42	3/4	557.80	3/4	208.16	3/4		3/4			3/4
5	2,330.47	5	1,973.47	5	1,616.45	5	1,262.99	5	907.01	5	550.36	5	200.72	5		5			5
1/4	2,323.03	1/4	1,966.03	1/4	1,609.01	1/4	1,255.71	1/4	899.60	1/4	542.93	1/4	193.28	1/4		1/4			1/4
1/2	2,315.59	1/2	1,958.59	1/2	1,601.58	1/2	1,248.44	1/2	892.19	1/2	535.49	1/2	185.84	1/2		1/2			1/2
3/4	2,308.16	3/4	1,951.15	3/4	1,594.14	3/4	1,241.00	3/4	884.78	3/4	528.05	3/4	178.41	3/4		3/4			3/4
6	2,300.72	6	1,943.71	6	1,586.70	6	1,233.56	6	877.37	6	520.61	6	170.97	6		6			6
1/4	2,293.28	1/4	1,936.28	1/4	1,579.26	1/4	1,226.12	1/4	869.96	1/4	513.17	1/4	163.53	1/4		1/4			1/4
1/2	2,285.84	1/2	1,928.84	1/2	1,571.83	1/2	1,218.68	1/2	862.55	1/2	505.73	1/2	156.10	1/2		1/2			1/2
3/4	2,278.41	3/4	1,921.40	3/4	1,564.39	3/4	1,211.25	3/4	855.14	3/4	498.29	3/4	148.67	3/4		3/4			3/4
7	2,270.97	7	1,913.96	7	1,556.95	7	1,203.81	7	847.74	7	490.86	7	141.25	7		7			7
1/4	2,263.53	1/4	1,906.53	1/4	1,549.51	1/4	1,196.37	1/4	840.33	1/4	483.42	1/4	133.83	1/4		1/4			1/4
1/2	2,256.09	1/2	1,899.09	1/2	1,542.07	1/2	1,188.93	1/2	832.92	1/2	475.98	1/2	126.40	1/2		1/2			1/2
3/4	2,248.66	3/4	1,891.65	3/4	1,534.64	3/4	1,181.49	3/4	825.50	3/4	468.98	3/4	119.62	3/4		3/4			3/4
8	2,241.22	8	1,884.21	8	1,527.20	8	1,174.05	8	818.09	8	461.98	8	112.83	8		8			8
1/4	2,233.78	1/4	1,876.78	1/4	1,519.76	1/4	1,166.61	1/4	810.68	1/4	454.98	1/4	106.04	1/4		1/4			1/4
1/2	2,226.34	1/2	1,869.34	1/2	1,512.32	1/2	1,159.18	1/2	803.26	1/2	447.98	1/2	99.25	1/2		1/2			1/2
3/4	2,218.91	3/4	1,861.90	3/4	1,504.89	3/4	1,151.74	3/4	795.82	3/4	441.42	3/4	93.71	3/4		3/4			3/4
9	2,211.47	9	1,854.46	9	1,497.45	9	1,144.30	9	788.38	9	434.86	9	88.16	9		9			9
1/4	2,204.03	1/4	1,847.02	1/4	1,490.01	1/4	1,136.86	1/4	780.95	1/4	428.30	1/4	82.61	1/4		1/4			1/4
1/2	2,196.59	1/2	1,839.59	1/2	1,482.57	1/2	1,129.42	1/2	773.51	1/2	421.74	1/2	77.07	1/2		1/2			1/2
3/4	2,189.16	3/4	1,832.15	3/4	1,475.13	3/4	1,121.98	3/4	766.07	3/4	414.74	3/4	73.20	3/4		3/4			3/4
10	2,181.72	10	1,824.71	10	1,467.70	10	1,114.55	10	758.63	10	407.75	10	69.33	10		10			10
1/4	2,174.28	1/4	1,817.27	1/4	1,460.26	1/4	1,107.11	1/4	751.19	1/4	400.75	1/4	65.45	1/4		1/4			1/4
1/2	2,166.84	1/2	1,809.84	1/2	1,452.82	1/2	1,099.67	1/2	743.76	1/2	393.75	1/2	61.58	1/2		1/2			1/2
3/4	2,159.41	3/4	1,802.40	3/4	1,445.38	3/4	1,092.26	3/4	736.32	3/4	386.32	3/4	59.39	3/4		3/4			3/4
11	2,151.97	11	1,794.96	11	1,437.95	11	1,084.84	11	728.88	11	378.90	11	57.20	11		11			11
1/4	2,144.53	1/4	1,787.52	1/4	1,430.51	1/4	1,077.43	1/4	721.44	1/4	371.48	1/4	55.00	1/4		1/4			1/4
1/2	2,137.09	1/2	1,780.08	1/2	1,423.07	1/2	1,070.01	1/2	714.00	1/2	364.05	1/2	52.81	1/2		1/2			1/2
3/4	2,129.65	3/4	1,772.65	3/4	1,415.79	3/4	1,062.61	3/4	706.57	3/4	356.64	3/4	51.44	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/03/2014 CL
CALCULATED: 11/03/2014 CL
REPRINTED: 06/01/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
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BARGE "KIRBY 27788"

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	2,309	0	4,618	0	6,927	0	9,236	0	11,545	0	13,854	0	0	0	0	0	0
1/4	48	1/4	2,357	1/4	4,666	1/4	6,975	1/4	9,284	1/4	11,593	1/4	13,902	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96	1/2	2,405	1/2	4,714	1/2	7,023	1/2	9,332	1/2	11,641	1/2	13,950	1/2	1/2	1/2	1/2	1/2	1/2
3/4	144	3/4	2,453	3/4	4,762	3/4	7,071	3/4	9,380	3/4	11,689	3/4	13,998	3/4	3/4	3/4	3/4	3/4	3/4
1	192	1	2,501	1	4,810	1	7,119	1	9,428	1	11,737	1	14,046	1	1	1	1	1	1
1/4	241	1/4	2,550	1/4	4,858	1/4	7,167	1/4	9,476	1/4	11,785	1/4	14,094	1/4	1/4	1/4	1/4	1/4	1/4
1/2	289	1/2	2,598	1/2	4,907	1/2	7,215	1/2	9,524	1/2	11,833	1/2	14,142	1/2	1/2	1/2	1/2	1/2	1/2
3/4	337	3/4	2,646	3/4	4,955	3/4	7,264	3/4	9,572	3/4	11,881	3/4	14,190	3/4	3/4	3/4	3/4	3/4	3/4
2	385	2	2,694	2	5,003	2	7,312	2	9,621	2	11,929	2	14,238	2	2	2	2	2	2
1/4	433	1/4	2,742	1/4	5,051	1/4	7,360	1/4	9,669	1/4	11,978	1/4	14,286	1/4	1/4	1/4	1/4	1/4	1/4
1/2	481	1/2	2,790	1/2	5,099	1/2	7,408	1/2	9,717	1/2	12,026	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	529	3/4	2,838	3/4	5,147	3/4	7,456	3/4	9,765	3/4	12,074	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	577	3	2,886	3	5,195	3	7,504	3	9,813	3	12,122	3		3	3	3	3	3	3
1/4	625	1/4	2,934	1/4	5,243	1/4	7,552	1/4	9,861	1/4	12,170	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	674	1/2	2,982	1/2	5,291	1/2	7,600	1/2	9,909	1/2	12,218	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	722	3/4	3,031	3/4	5,339	3/4	7,648	3/4	9,957	3/4	12,266	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	770	4	3,079	4	5,388	4	7,696	4	10,005	4	12,314	4		4	4	4	4	4	4
1/4	818	1/4	3,127	1/4	5,436	1/4	7,745	1/4	10,053	1/4	12,362	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	866	1/2	3,175	1/2	5,484	1/2	7,793	1/2	10,102	1/2	12,410	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	914	3/4	3,223	3/4	5,532	3/4	7,841	3/4	10,150	3/4	12,459	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	962	5	3,271	5	5,580	5	7,889	5	10,198	5	12,507	5		5	5	5	5	5	5
1/4	1,010	1/4	3,319	1/4	5,628	1/4	7,937	1/4	10,246	1/4	12,555	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,058	1/2	3,367	1/2	5,676	1/2	7,985	1/2	10,294	1/2	12,603	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,106	3/4	3,415	3/4	5,724	3/4	8,033	3/4	10,342	3/4	12,651	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,155	6	3,463	6	5,772	6	8,081	6	10,390	6	12,699	6		6	6	6	6	6	6
1/4	1,203	1/4	3,512	1/4	5,820	1/4	8,129	1/4	10,438	1/4	12,747	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,251	1/2	3,560	1/2	5,869	1/2	8,177	1/2	10,486	1/2	12,795	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,299	3/4	3,608	3/4	5,917	3/4	8,226	3/4	10,534	3/4	12,843	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,347	7	3,656	7	5,965	7	8,274	7	10,583	7	12,891	7		7	7	7	7	7	7
1/4	1,395	1/4	3,704	1/4	6,013	1/4	8,322	1/4	10,631	1/4	12,940	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,443	1/2	3,752	1/2	6,061	1/2	8,370	1/2	10,679	1/2	12,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,491	3/4	3,800	3/4	6,109	3/4	8,418	3/4	10,727	3/4	13,036	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,539	8	3,848	8	6,157	8	8,466	8	10,775	8	13,084	8		8	8	8	8	8	8
1/4	1,587	1/4	3,896	1/4	6,205	1/4	8,514	1/4	10,823	1/4	13,132	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,636	1/2	3,944	1/2	6,253	1/2	8,562	1/2	10,871	1/2	13,180	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,684	3/4	3,993	3/4	6,301	3/4	8,610	3/4	10,919	3/4	13,228	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,732	9	4,041	9	6,350	9	8,658	9	10,967	9	13,276	9		9	9	9	9	9	9
1/4	1,780	1/4	4,089	1/4	6,398	1/4	8,707	1/4	11,015	1/4	13,324	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,828	1/2	4,137	1/2	6,446	1/2	8,755	1/2	11,064	1/2	13,372	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,876	3/4	4,185	3/4	6,494	3/4	8,803	3/4	11,112	3/4	13,421	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,924	10	4,233	10	6,542	10	8,851	10	11,160	10	13,469	10		10	10	10	10	10	10
1/4	1,972	1/4	4,281	1/4	6,590	1/4	8,899	1/4	11,208	1/4	13,517	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,020	1/2	4,329	1/2	6,638	1/2	8,947	1/2	11,256	1/2	13,565	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,068	3/4	4,377	3/4	6,686	3/4	8,995	3/4	11,304	3/4	13,613	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,117	11	4,426	11	6,734	11	9,043	11	11,352	11	13,661	11		11	11	11	11	11	11
1/4	2,165	1/4	4,474	1/4	6,783	1/4	9,091	1/4	11,400	1/4	13,709	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,213	1/2	4,522	1/2	6,831	1/2	9,140	1/2	11,448	1/2	13,757	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,261	3/4	4,570	3/4	6,879	3/4	9,188	3/4	11,497	3/4	13,805	3/4		3/4	3/4	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: 11/26/2019 JS
CALCULATED: 11/27/2019 CL
PRINTED: 11/27/2019 CL

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ALL PRIOR TO 11/2019

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