



BARGE "KIRBY 29125"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

December 4, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29125"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,939.90	0	4,606.72	0	4,268.10	0	3,913.02	0	3,542.11	0	3,166.61	0	2,789.60
1/4		1/4		1/4		1/4	4,934.53	1/4	4,599.85	1/4	4,260.88	1/4	3,905.46	1/4	3,534.29	1/4	3,158.75	1/4	2,781.74
1/2		1/2		1/2		1/2	4,927.88	1/2	4,592.94	1/2	4,253.63	1/2	3,897.86	1/2	3,526.47	1/2	3,150.90	1/2	2,773.89
3/4		3/4		3/4		3/4	4,921.22	3/4	4,586.04	3/4	4,246.38	3/4	3,890.27	3/4	3,518.65	3/4	3,143.05	3/4	2,766.03
1	1	1	1	1	1	1	4,914.56	1	4,579.14	1	4,239.14	1	3,882.68	1	3,510.83	1	3,135.19	1	2,758.18
1/4		1/4		1/4		1/4	4,907.90	1/4	4,572.24	1/4	4,231.89	1/4	3,875.08	1/4	3,503.01	1/4	3,127.34	1/4	2,750.33
1/2		1/2		1/2		1/2	4,900.31	1/2	4,565.31	1/2	4,224.62	1/2	3,867.47	1/2	3,495.19	1/2	3,119.48	1/2	2,742.47
3/4		3/4		3/4		3/4	4,892.72	3/4	4,558.37	3/4	4,217.34	3/4	3,859.85	3/4	3,487.37	3/4	3,111.63	3/4	2,734.62
2	2	2	2	2	2	2	4,885.12	2	4,551.44	2	4,210.07	2	3,852.23	2	3,479.55	2	3,103.77	2	2,726.76
1/4		1/4		1/4		1/4	4,877.53	1/4	4,544.51	1/4	4,202.79	1/4	3,844.61	1/4	3,471.74	1/4	3,095.92	1/4	2,718.91
1/2		1/2		1/2		1/2	4,869.71	1/2	4,537.55	1/2	4,195.49	1/2	3,836.97	1/2	3,463.92	1/2	3,088.07	1/2	2,711.05
3/4		3/4		3/4		3/4	4,861.90	3/4	4,530.59	3/4	4,188.19	3/4	3,829.32	3/4	3,456.10	3/4	3,080.21	3/4	2,703.20
3	3	3	3	3	3	3	4,854.08	3	4,523.63	3	4,180.88	3	3,821.68	3	3,448.28	3	3,072.36	3	2,695.35
1/4		1/4		1/4		1/4	4,846.26	1/4	4,516.67	1/4	4,173.58	1/4	3,814.03	1/4	3,440.46	1/4	3,064.50	1/4	2,687.49
1/2		1/2		1/2		1/2	4,838.87	1/2	4,509.68	1/2	4,166.25	1/2	3,806.35	1/2	3,432.64	1/2	3,056.65	1/2	2,679.64
3/4		3/4		3/4		3/4	4,831.48	3/4	4,502.69	3/4	4,158.92	3/4	3,798.68	3/4	3,424.82	3/4	3,048.79	3/4	2,671.78
4	4	4	4	4	4	4	4,824.09	4	4,495.70	4	4,151.58	4	3,791.00	4	3,417.00	4	3,040.94	4	2,663.93
1/4		1/4		1/4		1/4	4,816.71	1/4	4,488.71	1/4	4,144.25	1/4	3,783.33	1/4	3,409.18	1/4	3,033.08	1/4	2,656.07
1/2		1/2		1/2		1/2	4,810.03	1/2	4,481.69	1/2	4,136.89	1/2	3,775.62	1/2	3,401.36	1/2	3,025.23	1/2	2,648.22
3/4		3/4		3/4		3/4	4,803.35	3/4	4,474.67	3/4	4,129.53	3/4	3,767.92	3/4	3,393.54	3/4	3,017.38	3/4	2,640.36
5	5	5	5	5	5	5	4,796.68	5	4,467.66	5	4,122.17	5	3,760.22	5	3,385.72	5	3,009.52	5	2,632.51
1/4		1/4		1/4		1/4	4,790.00	1/4	4,460.64	1/4	4,114.81	1/4	3,752.51	1/4	3,377.90	1/4	3,001.67	1/4	2,624.66
1/2		1/2		1/2		1/2	4,783.30	1/2	4,453.59	1/2	4,107.42	1/2	3,744.78	1/2	3,370.08	1/2	2,993.81	1/2	2,616.80
3/4		3/4		3/4		3/4	4,776.59	3/4	4,446.54	3/4	4,100.03	3/4	3,737.05	3/4	3,362.26	3/4	2,985.96	3/4	2,608.95
6	6	6	6	6	6	6	4,769.89	6	4,439.50	6	4,092.64	6	3,729.32	6	3,354.44	6	2,978.10	6	2,601.09
1/4		1/4		1/4		1/4	4,763.19	1/4	4,432.45	1/4	4,085.25	1/4	3,721.58	1/4	3,346.62	1/4	2,970.25	1/4	2,593.24
1/2		1/2		1/2		1/2	4,756.45	1/2	4,425.37	1/2	4,077.83	1/2	3,713.82	1/2	3,338.80	1/2	2,962.39	1/2	2,585.38
3/4		3/4		3/4		3/4	4,749.72	3/4	4,418.30	3/4	4,070.41	3/4	3,706.06	3/4	3,330.98	3/4	2,954.54	3/4	2,577.53
7	7	7	7	7	7	7	4,742.98	7	4,411.22	7	4,062.99	7	3,698.30	7	3,323.16	7	2,946.69	7	2,569.67
1/4		1/4		1/4		1/4	4,736.25	1/4	4,404.15	1/4	4,055.57	1/4	3,690.54	1/4	3,315.34	1/4	2,938.83	1/4	2,561.82
1/2		1/2		1/2		1/2	4,729.49	1/2	4,397.04	1/2	4,048.13	1/2	3,682.75	1/2	3,307.52	1/2	2,930.98	1/2	2,553.97
3/4		3/4		3/4		3/4	4,722.72	3/4	4,389.93	3/4	4,040.68	3/4	3,674.96	3/4	3,299.70	3/4	2,923.12	3/4	2,546.11
8	8	8	8	8	8	8	4,715.96	8	4,382.83	8	4,033.23	8	3,667.17	8	3,291.88	8	2,915.27	8	2,538.26
1/4		1/4		1/4		1/4	4,709.20	1/4	4,375.72	1/4	4,025.78	1/4	3,659.38	1/4	3,284.06	1/4	2,907.41	1/4	2,530.40
1/2		1/2		1/2		1/2	4,702.41	1/2	4,368.59	1/2	4,018.31	1/2	3,651.56	1/2	3,276.25	1/2	2,899.56	1/2	2,522.55
3/4		3/4		3/4		3/4	4,695.61	3/4	4,361.46	3/4	4,010.83	3/4	3,643.75	3/4	3,268.43	3/4	2,891.71	3/4	2,514.69
9	9	9	9	9	9	9	4,688.82	9	4,354.32	9	4,003.35	9	3,635.94	9	3,260.61	9	2,883.85	9	2,506.84
1/4		1/4		1/4		1/4	4,682.03	1/4	4,347.19	1/4	3,995.88	1/4	3,628.13	1/4	3,252.79	1/4	2,876.00	1/4	2,498.99
1/2		1/2		1/2		1/2	4,675.21	1/2	4,340.02	1/2	3,988.37	1/2	3,620.31	1/2	3,244.97	1/2	2,868.14	1/2	2,491.13
3/4		3/4		3/4		3/4	4,668.39	3/4	4,332.86	3/4	3,980.86	3/4	3,612.49	3/4	3,237.15	3/4	2,860.29	3/4	2,483.28
10	10	10	10	10	10	10	4,661.57	10	4,325.70	10	3,973.36	10	3,604.67	10	3,229.33	10	2,852.43	10	2,475.42
1/4		1/4		1/4		1/4	4,654.75	1/4	4,318.53	1/4	3,965.85	1/4	3,596.85	1/4	3,221.51	1/4	2,844.58	1/4	2,467.57
1/2		1/2		1/2		1/2	4,647.90	1/2	4,311.34	1/2	3,958.32	1/2	3,589.03	1/2	3,213.67	1/2	2,836.72	1/2	2,459.71
3/4		3/4		3/4		3/4	4,641.05	3/4	4,304.15	3/4	3,950.78	3/4	3,581.21	3/4	3,205.84	3/4	2,828.87	3/4	2,451.86
11	11	11	11	11	11	11	4,634.20	11	4,296.96	11	3,943.25	11	3,573.39	11	3,198.01	11	2,821.02	11	2,444.00
1/4		1/4		1/4		1/4	4,627.35	1/4	4,289.76	1/4	3,935.71	1/4	3,565.57	1/4	3,190.17	1/4	2,813.16	1/4	2,436.15
1/2		1/2		1/2		1/2	4,620.47	1/2	4,282.54	1/2	3,928.15	1/2	3,557.75	1/2	3,182.32	1/2	2,805.31	1/2	2,428.30
3/4		3/4		3/4		3/4	4,945.27	3/4	4,613.60	3/4	4,275.32	3/4	3,920.59	3/4	3,549.93	3/4	3,174.46	3/4	2,420.44

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 29125"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,412.59	0	2,035.58	0	1,658.56	0	1,282.94	0	906.70	0	529.73	0	182.34	0		0		0	
1/4	2,404.73	1/4	2,027.72	1/4	1,650.71	1/4	1,275.13	1/4	898.84	1/4	521.88	1/4	175.72	1/4		1/4		1/4	
1/2	2,396.88	1/2	2,019.87	1/2	1,642.86	1/2	1,267.33	1/2	890.99	1/2	514.09	1/2	169.22	1/2		1/2		1/2	
3/4	2,389.02	3/4	2,012.01	3/4	1,635.00	3/4	1,259.52	3/4	883.14	3/4	506.29	3/4	162.72	3/4		3/4		3/4	
1	2,381.17	1	2,004.16	1	1,627.15	1	1,251.72	1	875.28	1	498.49	1	156.22	1		1		1	
1/4	2,373.31	1/4	1,996.30	1/4	1,619.29	1/4	1,243.91	1/4	867.43	1/4	490.70	1/4	149.72	1/4		1/4		1/4	
1/2	2,365.46	1/2	1,988.45	1/2	1,611.44	1/2	1,236.11	1/2	859.57	1/2	482.99	1/2	143.33	1/2		1/2		1/2	
3/4	2,357.61	3/4	1,980.59	3/4	1,603.58	3/4	1,228.30	3/4	851.72	3/4	475.29	3/4	136.95	3/4		3/4		3/4	
2	2,349.75	2	1,972.74	2	1,595.73	2	1,220.50	2	843.86	2	467.59	2	130.56	2		2		2	
1/4	2,341.90	1/4	1,964.89	1/4	1,587.87	1/4	1,212.69	1/4	836.01	1/4	459.88	1/4	124.17	1/4		1/4		1/4	
1/2	2,334.04	1/2	1,957.03	1/2	1,580.02	1/2	1,204.89	1/2	828.16	1/2	452.29	1/2	117.91	1/2		1/2		1/2	
3/4	2,326.19	3/4	1,949.18	3/4	1,572.17	3/4	1,197.08	3/4	820.30	3/4	444.69	3/4	111.64	3/4		3/4		3/4	
3	2,318.33	3	1,941.32	3	1,564.31	3	1,189.28	3	812.45	3	437.10	3	105.38	3		3		3	
1/4	2,310.48	1/4	1,933.47	1/4	1,556.46	1/4	1,181.47	1/4	804.59	1/4	429.50	1/4	99.11	1/4		1/4		1/4	
1/2	2,302.63	1/2	1,925.61	1/2	1,548.61	1/2	1,173.65	1/2	796.74	1/2	422.02	1/2	92.98	1/2		1/2		1/2	
3/4	2,294.77	3/4	1,917.76	3/4	1,540.77	3/4	1,165.83	3/4	788.89	3/4	414.53	3/4	86.84	3/4		3/4		3/4	
4	2,286.92	4	1,909.91	4	1,532.93	4	1,158.00	4	781.03	4	407.04	4	80.70	4		4		4	
1/4	2,279.06	1/4	1,902.05	1/4	1,525.08	1/4	1,150.18	1/4	773.18	1/4	399.56	1/4	74.57	1/4		1/4		1/4	
1/2	2,271.21	1/2	1,894.20	1/2	1,517.26	1/2	1,142.32	1/2	765.32	1/2	392.18	1/2	68.57	1/2		1/2		1/2	
3/4	2,263.35	3/4	1,886.34	3/4	1,509.43	3/4	1,134.47	3/4	757.47	3/4	384.80	3/4	62.58	3/4		3/4		3/4	
5	2,255.50	5	1,878.49	5	1,501.61	5	1,126.62	5	749.61	5	377.43	5	56.58	5		5		5	
1/4	2,247.64	1/4	1,870.63	1/4	1,493.78	1/4	1,118.76	1/4	741.76	1/4	370.05	1/4	50.59	1/4		1/4		1/4	
1/2	2,239.79	1/2	1,862.78	1/2	1,485.96	1/2	1,110.91	1/2	733.91	1/2	362.78	1/2	45.18	1/2		1/2		1/2	
3/4	2,231.94	3/4	1,854.92	3/4	1,478.14	3/4	1,103.05	3/4	726.05	3/4	355.52	3/4	39.78	3/4		3/4		3/4	
6	2,224.08	6	1,847.07	6	1,470.32	6	1,095.20	6	718.20	6	348.25	6	34.38	6		6		6	
1/4	2,216.23	1/4	1,839.22	1/4	1,462.50	1/4	1,087.34	1/4	710.34	1/4	340.98	1/4	28.97	1/4		1/4		1/4	
1/2	2,208.37	1/2	1,831.36	1/2	1,454.69	1/2	1,079.49	1/2	702.49	1/2	333.82	1/2	25.02	1/2		1/2		1/2	
3/4	2,200.52	3/4	1,823.51	3/4	1,446.88	3/4	1,071.64	3/4	694.63	3/4	326.66	3/4	21.06	3/4		3/4		3/4	
7	2,192.66	7	1,815.65	7	1,439.07	7	1,063.78	7	686.78	7	319.50	7	17.11	7		7		7	
1/4	2,184.81	1/4	1,807.80	1/4	1,431.25	1/4	1,055.93	1/4	678.93	1/4	312.35	1/4	13.15	1/4		1/4		1/4	
1/2	2,176.95	1/2	1,799.94	1/2	1,423.44	1/2	1,048.07	1/2	671.07	1/2	305.30	1/2		1/2		1/2		1/2	
3/4	2,169.10	3/4	1,792.09	3/4	1,415.63	3/4	1,040.22	3/4	663.22	3/4	298.25	3/4		3/4		3/4		3/4	
8	2,161.25	8	1,784.23	8	1,407.82	8	1,032.37	8	655.36	8	291.20	8	8	8		8		8	
1/4	2,153.39	1/4	1,776.38	1/4	1,400.02	1/4	1,024.51	1/4	647.51	1/4	284.15	1/4		1/4		1/4		1/4	
1/2	2,145.54	1/2	1,768.53	1/2	1,392.21	1/2	1,016.66	1/2	639.66	1/2	277.21	1/2		1/2		1/2		1/2	
3/4	2,137.68	3/4	1,760.67	3/4	1,384.40	3/4	1,008.80	3/4	631.80	3/4	270.27	3/4		3/4		3/4		3/4	
9	2,129.83	9	1,752.82	9	1,376.60	9	1,000.95	9	623.95	9	263.33	9	9	9		9		9	
1/4	2,121.97	1/4	1,744.96	1/4	1,368.79	1/4	993.09	1/4	616.09	1/4	256.39	1/4		1/4		1/4		1/4	
1/2	2,114.12	1/2	1,737.11	1/2	1,360.99	1/2	985.24	1/2	608.24	1/2	249.56	1/2		1/2		1/2		1/2	
3/4	2,106.27	3/4	1,729.25	3/4	1,353.18	3/4	977.39	3/4	600.38	3/4	242.72	3/4		3/4		3/4		3/4	
10	2,098.41	10	1,721.40	10	1,345.38	10	969.53	10	592.53	10	235.89	10	10	10		10		10	
1/4	2,090.56	1/4	1,713.55	1/4	1,337.57	1/4	961.68	1/4	584.68	1/4	229.06	1/4		1/4		1/4		1/4	
1/2	2,082.70	1/2	1,705.69	1/2	1,329.77	1/2	953.82	1/2	576.82	1/2	222.34	1/2		1/2		1/2		1/2	
3/4	2,074.85	3/4	1,697.84	3/4	1,321.96	3/4	945.97	3/4	568.97	3/4	215.62	3/4		3/4		3/4		3/4	
11	2,066.99	11	1,689.98	11	1,314.16	11	938.11	11	561.11	11	208.90	11	11	11		11		11	
1/4	2,059.14	1/4	1,682.13	1/4	1,306.35	1/4	930.26	1/4	553.26	1/4	202.17	1/4		1/4		1/4		1/4	
1/2	2,051.28	1/2	1,674.27	1/2	1,298.55	1/2	922.41	1/2	545.42	1/2	195.56	1/2		1/2		1/2		1/2	
3/4	2,043.43	3/4	1,666.42	3/4	1,290.74	3/4	914.55	3/4	537.57	3/4	188.95	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "KIRBY 29125"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	0	0	0	0	4,622.24	0	4,284.31	0	3,929.92	0	3,559.52	0	3,184.09	0	2,807.08
1/4		1/4		1/4		1/4	4,947.04	1/4	4,615.37	1/4	4,277.09	1/4	3,922.36	1/4	3,551.70	1/4	3,176.23	1/4	2,799.22
1/2		1/2		1/2		1/2	4,941.67	1/2	4,608.49	1/2	4,269.87	1/2	3,914.79	1/2	3,543.88	1/2	3,168.38	1/2	2,791.37
3/4		3/4		3/4		3/4	4,936.31	3/4	4,601.62	3/4	4,262.65	3/4	3,907.23	3/4	3,536.06	3/4	3,160.53	3/4	2,783.51
1	1	1	1	1	1	1	4,929.65	1	4,594.72	1	4,255.40	1	3,899.64	1	3,528.24	1	3,152.67	1	2,775.66
1/4		1/4		1/4		1/4	4,922.99	1/4	4,587.81	1/4	4,248.16	1/4	3,892.04	1/4	3,520.42	1/4	3,144.82	1/4	2,767.81
1/2		1/2		1/2		1/2	4,916.33	1/2	4,580.91	1/2	4,240.91	1/2	3,884.45	1/2	3,512.61	1/2	3,136.96	1/2	2,759.95
3/4		3/4		3/4		3/4	4,909.67	3/4	4,574.01	3/4	4,233.66	3/4	3,876.86	3/4	3,504.79	3/4	3,129.11	3/4	2,752.10
2	2	2	2	2	2	2	4,902.08	2	4,567.08	2	4,226.39	2	3,869.24	2	3,496.97	2	3,121.25	2	2,744.24
1/4		1/4		1/4		1/4	4,894.49	1/4	4,560.15	1/4	4,219.12	1/4	3,861.62	1/4	3,489.15	1/4	3,113.40	1/4	2,736.39
1/2		1/2		1/2		1/2	4,886.90	1/2	4,553.21	1/2	4,211.84	1/2	3,854.00	1/2	3,481.33	1/2	3,105.54	1/2	2,728.53
3/4		3/4		3/4		3/4	4,879.31	3/4	4,546.28	3/4	4,204.57	3/4	3,846.38	3/4	3,473.51	3/4	3,097.69	3/4	2,720.68
3	3	3	3	3	3	3	4,871.49	3	4,539.32	3	4,197.26	3	3,838.74	3	3,465.69	3	3,089.84	3	2,712.82
1/4		1/4		1/4		1/4	4,863.67	1/4	4,532.36	1/4	4,189.96	1/4	3,831.09	1/4	3,457.87	1/4	3,081.98	1/4	2,704.97
1/2		1/2		1/2		1/2	4,855.85	1/2	4,525.40	1/2	4,182.66	1/2	3,823.45	1/2	3,450.05	1/2	3,074.13	1/2	2,697.12
3/4		3/4		3/4		3/4	4,848.03	3/4	4,518.44	3/4	4,175.35	3/4	3,815.80	3/4	3,442.23	3/4	3,066.27	3/4	2,689.26
4	4	4	4	4	4	4	4,840.64	4	4,511.45	4	4,168.02	4	3,808.13	4	3,434.41	4	3,058.42	4	2,681.41
1/4		1/4		1/4		1/4	4,833.25	1/4	4,504.46	1/4	4,160.69	1/4	3,800.45	1/4	3,426.59	1/4	3,050.56	1/4	2,673.55
1/2		1/2		1/2		1/2	4,825.87	1/2	4,497.47	1/2	4,153.36	1/2	3,792.78	1/2	3,418.77	1/2	3,042.71	1/2	2,665.70
3/4		3/4		3/4		3/4	4,818.48	3/4	4,490.48	3/4	4,146.03	3/4	3,785.10	3/4	3,410.95	3/4	3,034.86	3/4	2,657.84
5	5	5	5	5	5	5	4,811.80	5	4,483.46	5	4,138.66	5	3,777.40	5	3,403.13	5	3,027.00	5	2,649.99
1/4		1/4		1/4		1/4	4,805.13	1/4	4,476.45	1/4	4,131.30	1/4	3,769.69	1/4	3,395.31	1/4	3,019.15	1/4	2,642.14
1/2		1/2		1/2		1/2	4,798.45	1/2	4,469.43	1/2	4,123.94	1/2	3,761.99	1/2	3,387.49	1/2	3,011.29	1/2	2,634.28
3/4		3/4		3/4		3/4	4,791.78	3/4	4,462.41	3/4	4,116.58	3/4	3,754.29	3/4	3,379.67	3/4	3,003.44	3/4	2,626.43
6	6	6	6	6	6	6	4,785.07	6	4,455.36	6	4,109.19	6	3,746.55	6	3,371.85	6	2,995.58	6	2,618.57
1/4		1/4		1/4		1/4	4,778.37	1/4	4,448.32	1/4	4,101.80	1/4	3,738.82	1/4	3,364.03	1/4	2,987.73	1/4	2,610.72
1/2		1/2		1/2		1/2	4,771.66	1/2	4,441.27	1/2	4,094.41	1/2	3,731.09	1/2	3,356.21	1/2	2,979.87	1/2	2,602.86
3/4		3/4		3/4		3/4	4,764.96	3/4	4,434.22	3/4	4,087.02	3/4	3,723.35	3/4	3,348.39	3/4	2,972.02	3/4	2,595.01
7	7	7	7	7	7	7	4,758.22	7	4,427.15	7	4,079.60	7	3,715.59	7	3,340.57	7	2,964.17	7	2,587.15
1/4		1/4		1/4		1/4	4,751.49	1/4	4,420.07	1/4	4,072.18	1/4	3,707.83	1/4	3,332.75	1/4	2,956.31	1/4	2,579.30
1/2		1/2		1/2		1/2	4,744.76	1/2	4,412.99	1/2	4,064.76	1/2	3,700.07	1/2	3,324.93	1/2	2,948.46	1/2	2,571.45
3/4		3/4		3/4		3/4	4,738.02	3/4	4,405.92	3/4	4,057.35	3/4	3,692.31	3/4	3,317.12	3/4	2,940.60	3/4	2,563.59
8	8	8	8	8	8	8	4,731.26	8	4,398.81	8	4,049.90	8	3,684.52	8	3,309.30	8	2,932.75	8	2,555.74
1/4		1/4		1/4		1/4	4,724.50	1/4	4,391.71	1/4	4,042.45	1/4	3,676.73	1/4	3,301.48	1/4	2,924.89	1/4	2,547.88
1/2		1/2		1/2		1/2	4,717.73	1/2	4,384.60	1/2	4,035.00	1/2	3,668.94	1/2	3,293.66	1/2	2,917.04	1/2	2,540.03
3/4		3/4		3/4		3/4	4,710.97	3/4	4,377.50	3/4	4,027.56	3/4	3,661.15	3/4	3,285.84	3/4	2,909.18	3/4	2,532.17
9	9	9	9	9	9	9	4,704.18	9	4,370.36	9	4,020.08	9	3,653.34	9	3,278.02	9	2,901.33	9	2,524.32
1/4		1/4		1/4		1/4	4,697.39	1/4	4,363.23	1/4	4,012.60	1/4	3,645.52	1/4	3,270.20	1/4	2,893.48	1/4	2,516.46
1/2		1/2		1/2		1/2	4,690.59	1/2	4,356.09	1/2	4,005.13	1/2	3,637.71	1/2	3,262.38	1/2	2,885.62	1/2	2,508.61
3/4		3/4		3/4		3/4	4,683.80	3/4	4,348.96	3/4	3,997.65	3/4	3,629.90	3/4	3,254.56	3/4	2,877.77	3/4	2,500.76
10	10	10	10	10	10	10	4,676.98	10	4,341.80	10	3,990.14	10	3,622.08	10	3,246.74	10	2,869.91	10	2,492.90
1/4		1/4		1/4		1/4	4,670.16	1/4	4,334.63	1/4	3,982.64	1/4	3,614.26	1/4	3,238.92	1/4	2,862.06	1/4	2,485.05
1/2		1/2		1/2		1/2	4,663.34	1/2	4,327.47	1/2	3,975.13	1/2	3,606.44	1/2	3,231.10	1/2	2,854.20	1/2	2,477.19
3/4		3/4		3/4		3/4	4,656.52	3/4	4,320.30	3/4	3,967.63	3/4	3,598.62	3/4	3,223.28	3/4	2,846.35	3/4	2,469.34
11	11	11	11	11	11	11	4,649.67	11	4,313.11	11	3,960.09	11	3,590.80	11	3,215.45	11	2,838.50	11	2,461.48
1/4		1/4		1/4		1/4	4,642.82	1/4	4,305.92	1/4	3,952.56	1/4	3,582.98	1/4	3,207.61	1/4	2,830.64	1/4	2,453.63
1/2		1/2		1/2		1/2	4,635.97	1/2	4,298.73	1/2	3,945.02	1/2	3,575.16	1/2	3,199.78	1/2	2,822.79	1/2	2,445.78
3/4		3/4		3/4		3/4	4,629.12	3/4	4,291.54	3/4	3,937.48	3/4	3,567.34	3/4	3,191.94	3/4	2,814.93	3/4	2,437.92

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-09" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 29125"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	2,430.07	0	2,053.06	0	1,676.04	0	1,299.03	0	922.29	0	545.42	0	195.56	0		0		0	
1/4	2,422.21	1/4	2,045.20	1/4	1,668.19	1/4	1,291.18	1/4	914.45	1/4	537.57	1/4	188.95	1/4		1/4		1/4	
1/2	2,414.36	1/2	2,037.35	1/2	1,660.34	1/2	1,283.32	1/2	906.61	1/2	529.73	1/2	182.34	1/2		1/2		1/2	
3/4	2,406.50	3/4	2,029.49	3/4	1,652.48	3/4	1,275.47	3/4	898.77	3/4	521.88	3/4	175.72	3/4		3/4		3/4	
1	2,398.65	1	2,021.64	1	1,644.63	1	1,267.62	1	890.92	1	514.09	1	169.22	1		1		1	
1/4	2,390.79	1/4	2,013.78	1/4	1,636.77	1/4	1,259.76	1/4	883.08	1/4	506.29	1/4	162.72	1/4		1/4		1/4	
1/2	2,382.94	1/2	2,005.93	1/2	1,628.92	1/2	1,251.91	1/2	875.24	1/2	498.49	1/2	156.22	1/2		1/2		1/2	
3/4	2,375.09	3/4	1,998.07	3/4	1,621.06	3/4	1,244.05	3/4	867.40	3/4	490.70	3/4	149.72	3/4		3/4		3/4	
2	2,367.23	2	1,990.22	2	1,613.21	2	1,236.20	2	859.55	2	482.99	2	143.33	2		2		2	
1/4	2,359.38	1/4	1,982.37	1/4	1,605.35	1/4	1,228.34	1/4	851.70	1/4	475.29	1/4	136.95	1/4		1/4		1/4	
1/2	2,351.52	1/2	1,974.51	1/2	1,597.50	1/2	1,220.49	1/2	843.86	1/2	467.59	1/2	130.56	1/2		1/2		1/2	
3/4	2,343.67	3/4	1,966.66	3/4	1,589.65	3/4	1,212.63	3/4	836.01	3/4	459.88	3/4	124.17	3/4		3/4		3/4	
3	2,335.81	3	1,958.80	3	1,581.79	3	1,204.78	3	828.16	3	452.29	3	117.91	3		3		3	
1/4	2,327.96	1/4	1,950.95	1/4	1,573.94	1/4	1,196.93	1/4	820.30	1/4	444.69	1/4	111.64	1/4		1/4		1/4	
1/2	2,320.10	1/2	1,943.09	1/2	1,566.08	1/2	1,189.07	1/2	812.45	1/2	437.10	1/2	105.38	1/2		1/2		1/2	
3/4	2,312.25	3/4	1,935.24	3/4	1,558.23	3/4	1,181.22	3/4	804.59	3/4	429.50	3/4	99.11	3/4		3/4		3/4	
4	2,304.40	4	1,927.38	4	1,550.37	4	1,173.36	4	796.74	4	422.02	4	92.98	4		4		4	
1/4	2,296.54	1/4	1,919.53	1/4	1,542.52	1/4	1,165.51	1/4	788.89	1/4	414.53	1/4	86.84	1/4		1/4		1/4	
1/2	2,288.69	1/2	1,911.68	1/2	1,534.66	1/2	1,157.65	1/2	781.03	1/2	407.04	1/2	80.70	1/2		1/2		1/2	
3/4	2,280.83	3/4	1,903.82	3/4	1,526.81	3/4	1,149.80	3/4	773.18	3/4	399.56	3/4	74.57	3/4		3/4		3/4	
5	2,272.98	5	1,895.97	5	1,518.96	5	1,141.94	5	765.32	5	392.18	5	68.57	5		5		5	
1/4	2,265.12	1/4	1,888.11	1/4	1,511.10	1/4	1,134.09	1/4	757.47	1/4	384.80	1/4	62.58	1/4		1/4		1/4	
1/2	2,257.27	1/2	1,880.26	1/2	1,503.25	1/2	1,126.24	1/2	749.61	1/2	377.43	1/2	56.58	1/2		1/2		1/2	
3/4	2,249.42	3/4	1,872.40	3/4	1,495.39	3/4	1,118.38	3/4	741.76	3/4	370.05	3/4	50.59	3/4		3/4		3/4	
6	2,241.56	6	1,864.55	6	1,487.54	6	1,110.53	6	733.91	6	362.78	6	45.18	6		6		6	
1/4	2,233.71	1/4	1,856.70	1/4	1,479.68	1/4	1,102.68	1/4	726.05	1/4	355.52	1/4	39.78	1/4		1/4		1/4	
1/2	2,225.85	1/2	1,848.84	1/2	1,471.83	1/2	1,094.83	1/2	718.20	1/2	348.25	1/2	34.38	1/2		1/2		1/2	
3/4	2,218.00	3/4	1,840.99	3/4	1,463.98	3/4	1,086.98	3/4	710.34	3/4	340.98	3/4	28.97	3/4		3/4		3/4	
7	2,210.14	7	1,833.13	7	1,456.12	7	1,079.14	7	702.49	7	333.82	7	25.02	7		7		7	
1/4	2,202.29	1/4	1,825.28	1/4	1,448.27	1/4	1,071.30	1/4	694.63	1/4	326.66	1/4	21.06	1/4		1/4		1/4	
1/2	2,194.43	1/2	1,817.42	1/2	1,440.41	1/2	1,063.45	1/2	686.78	1/2	319.50	1/2	17.11	1/2		1/2		1/2	
3/4	2,186.58	3/4	1,809.57	3/4	1,432.56	3/4	1,055.61	3/4	678.93	3/4	312.35	3/4	13.15	3/4		3/4		3/4	
8	2,178.73	8	1,801.71	8	1,424.70	8	1,047.77	8	671.07	8	305.30	8		8		8		8	
1/4	2,170.87	1/4	1,793.86	1/4	1,416.85	1/4	1,039.93	1/4	663.22	1/4	298.25	1/4		1/4		1/4		1/4	
1/2	2,163.02	1/2	1,786.01	1/2	1,408.99	1/2	1,032.09	1/2	655.36	1/2	291.20	1/2		1/2		1/2		1/2	
3/4	2,155.16	3/4	1,778.15	3/4	1,401.14	3/4	1,024.24	3/4	647.51	3/4	284.15	3/4		3/4		3/4		3/4	
9	2,147.31	9	1,770.30	9	1,393.29	9	1,016.40	9	639.66	9	277.21	9		9		9		9	
1/4	2,139.45	1/4	1,762.44	1/4	1,385.43	1/4	1,008.56	1/4	631.80	1/4	270.27	1/4		1/4		1/4		1/4	
1/2	2,131.60	1/2	1,754.59	1/2	1,377.58	1/2	1,000.72	1/2	623.95	1/2	263.33	1/2		1/2		1/2		1/2	
3/4	2,123.74	3/4	1,746.73	3/4	1,369.72	3/4	992.87	3/4	616.09	3/4	256.39	3/4		3/4		3/4		3/4	
10	2,115.89	10	1,738.88	10	1,361.87	10	985.03	10	608.24	10	249.56	10		10		10		10	
1/4	2,108.04	1/4	1,731.02	1/4	1,354.01	1/4	977.19	1/4	600.38	1/4	242.72	1/4		1/4		1/4		1/4	
1/2	2,100.18	1/2	1,723.17	1/2	1,346.16	1/2	969.35	1/2	592.53	1/2	235.89	1/2		1/2		1/2		1/2	
3/4	2,092.33	3/4	1,715.32	3/4	1,338.30	3/4	961.50	3/4	584.68	3/4	229.06	3/4		3/4		3/4		3/4	
11	2,084.47	11	1,707.46	11	1,330.45	11	953.66	11	576.82	11	222.34	11		11		11		11	
1/4	2,076.62	1/4	1,699.61	1/4	1,322.60	1/4	945.82	1/4	568.97	1/4	215.62	1/4		1/4		1/4		1/4	
1/2	2,068.76	1/2	1,691.75	1/2	1,314.74	1/2	937.98	1/2	561.11	1/2	208.90	1/2		1/2		1/2		1/2	
3/4	2,060.91	3/4	1,683.90	3/4	1,306.89	3/4	930.14	3/4	553.26	3/4	202.17	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "KIRBY 29125"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,756.78	0	4,438.56	0	4,115.06	0	3,776.45	0	3,423.31	0	3,065.92	0	2,707.15
1/4		1/4		1/4		1/4	4,751.68	1/4	4,431.99	1/4	4,108.17	1/4	3,769.25	1/4	3,415.86	1/4	3,058.44	1/4	2,699.68
1/2		1/2		1/2		1/2	4,745.34	1/2	4,425.39	1/2	4,101.25	1/2	3,762.01	1/2	3,408.42	1/2	3,050.97	1/2	2,692.21
3/4		3/4		3/4		3/4	4,739.00	3/4	4,418.79	3/4	4,094.34	3/4	3,754.78	3/4	3,400.98	3/4	3,043.49	3/4	2,684.73
1	1	1	1	1	1	1	4,732.67	1	4,412.19	1	4,087.42	1	3,747.54	1	3,393.54	1	3,036.02	1	2,677.26
1/4		1/4		1/4		1/4	4,726.33	1/4	4,405.59	1/4	4,080.51	1/4	3,740.31	1/4	3,386.09	1/4	3,028.54	1/4	2,669.78
1/2		1/2		1/2		1/2	4,719.11	1/2	4,398.96	1/2	4,073.57	1/2	3,733.05	1/2	3,378.65	1/2	3,021.07	1/2	2,662.31
3/4		3/4		3/4		3/4	4,711.88	3/4	4,392.34	3/4	4,066.63	3/4	3,725.79	3/4	3,371.21	3/4	3,013.60	3/4	2,654.83
2	2	2	2	2	2	2	4,704.66	2	4,385.71	2	4,059.68	2	3,718.54	2	3,363.77	2	3,006.12	2	2,647.36
1/4		1/4		1/4		1/4	4,697.44	1/4	4,379.08	1/4	4,052.74	1/4	3,711.28	1/4	3,356.33	1/4	2,998.65	1/4	2,639.89
1/2		1/2		1/2		1/2	4,690.00	1/2	4,372.43	1/2	4,045.77	1/2	3,704.00	1/2	3,348.88	1/2	2,991.17	1/2	2,632.41
3/4		3/4		3/4		3/4	4,682.56	3/4	4,365.78	3/4	4,038.81	3/4	3,696.72	3/4	3,341.44	3/4	2,983.70	3/4	2,624.94
3	3	3	3	3	3	3	4,675.11	3	4,359.12	3	4,031.84	3	3,689.43	3	3,334.00	3	2,976.23	3	2,617.46
1/4		1/4		1/4		1/4	4,667.67	1/4	4,352.47	1/4	4,024.87	1/4	3,682.15	1/4	3,326.56	1/4	2,968.75	1/4	2,609.99
1/2		1/2		1/2		1/2	4,660.63	1/2	4,345.79	1/2	4,017.88	1/2	3,674.84	1/2	3,319.12	1/2	2,961.28	1/2	2,602.52
3/4		3/4		3/4		3/4	4,653.58	3/4	4,339.11	3/4	4,010.88	3/4	3,667.53	3/4	3,311.67	3/4	2,953.80	3/4	2,595.04
4	4	4	4	4	4	4	4,646.54	4	4,332.43	4	4,003.89	4	3,660.22	4	3,304.23	4	2,946.33	4	2,587.57
1/4		1/4		1/4		1/4	4,639.49	1/4	4,325.75	1/4	3,996.89	1/4	3,652.91	1/4	3,296.79	1/4	2,938.85	1/4	2,580.09
1/2		1/2		1/2		1/2	4,633.10	1/2	4,319.05	1/2	3,989.87	1/2	3,645.58	1/2	3,289.35	1/2	2,931.38	1/2	2,572.62
3/4		3/4		3/4		3/4	4,626.71	3/4	4,312.34	3/4	3,982.85	3/4	3,638.24	3/4	3,281.90	3/4	2,923.91	3/4	2,565.14
5	5	5	5	5	5	5	4,620.32	5	4,305.63	5	3,975.83	5	3,630.91	5	3,274.46	5	2,916.43	5	2,557.67
1/4		1/4		1/4		1/4	4,613.92	1/4	4,298.93	1/4	3,968.81	1/4	3,623.57	1/4	3,267.02	1/4	2,908.96	1/4	2,550.20
1/2		1/2		1/2		1/2	4,607.51	1/2	4,292.20	1/2	3,961.76	1/2	3,616.21	1/2	3,259.58	1/2	2,901.48	1/2	2,542.72
3/4		3/4		3/4		3/4	4,601.09	3/4	4,285.46	3/4	3,954.71	3/4	3,608.85	3/4	3,252.14	3/4	2,894.01	3/4	2,535.25
6	6	6	6	6	6	6	4,594.67	6	4,278.73	6	3,947.67	6	3,601.48	6	3,244.69	6	2,886.53	6	2,527.77
1/4		1/4		1/4		1/4	4,588.25	1/4	4,272.00	1/4	3,940.62	1/4	3,594.12	1/4	3,237.25	1/4	2,879.06	1/4	2,520.30
1/2		1/2		1/2		1/2	4,581.81	1/2	4,265.24	1/2	3,933.55	1/2	3,586.73	1/2	3,229.81	1/2	2,871.59	1/2	2,512.82
3/4		3/4		3/4		3/4	4,575.36	3/4	4,258.48	3/4	3,926.47	3/4	3,579.34	3/4	3,222.37	3/4	2,864.11	3/4	2,505.35
7	7	7	7	7	7	7	4,568.92	7	4,251.72	7	3,919.40	7	3,571.96	7	3,214.92	7	2,856.64	7	2,497.88
1/4		1/4		1/4		1/4	4,562.47	1/4	4,244.96	1/4	3,912.32	1/4	3,564.57	1/4	3,207.48	1/4	2,849.16	1/4	2,490.40
1/2		1/2		1/2		1/2	4,556.00	1/2	4,238.17	1/2	3,905.22	1/2	3,557.15	1/2	3,200.04	1/2	2,841.69	1/2	2,482.93
3/4		3/4		3/4		3/4	4,549.53	3/4	4,231.39	3/4	3,898.12	3/4	3,549.74	3/4	3,192.60	3/4	2,834.22	3/4	2,475.45
8	8	8	8	8	8	8	4,543.06	8	4,224.60	8	3,891.02	8	3,542.32	8	3,185.16	8	2,826.74	8	2,467.98
1/4		1/4		1/4		1/4	4,536.59	1/4	4,217.81	1/4	3,883.92	1/4	3,534.90	1/4	3,177.71	1/4	2,819.27	1/4	2,460.51
1/2		1/2		1/2		1/2	4,530.09	1/2	4,211.00	1/2	3,876.80	1/2	3,527.47	1/2	3,170.27	1/2	2,811.79	1/2	2,453.03
3/4		3/4		3/4		3/4	4,523.59	3/4	4,204.19	3/4	3,869.67	3/4	3,520.04	3/4	3,162.83	3/4	2,804.32	3/4	2,445.56
9	9	9	9	9	9	9	4,517.09	9	4,197.38	9	3,862.54	9	3,512.60	9	3,155.39	9	2,796.84	9	2,438.08
1/4		1/4		1/4		1/4	4,510.59	1/4	4,190.57	1/4	3,855.41	1/4	3,505.17	1/4	3,147.94	1/4	2,789.37	1/4	2,430.61
1/2		1/2		1/2		1/2	4,504.07	1/2	4,183.73	1/2	3,848.26	1/2	3,497.73	1/2	3,140.50	1/2	2,781.90	1/2	2,423.13
3/4		3/4		3/4		3/4	4,497.54	3/4	4,176.89	3/4	3,841.11	3/4	3,490.29	3/4	3,133.06	3/4	2,774.42	3/4	2,415.66
10	10	10	10	10	10	10	4,491.02	10	4,170.05	10	3,833.95	10	3,482.84	10	3,125.62	10	2,766.95	10	2,408.19
1/4		1/4		1/4		1/4	4,484.49	1/4	4,163.21	1/4	3,826.80	1/4	3,475.40	1/4	3,118.18	1/4	2,759.47	1/4	2,400.71
1/2		1/2		1/2		1/2	4,477.94	1/2	4,156.34	1/2	3,819.62	1/2	3,467.96	1/2	3,110.72	1/2	2,752.00	1/2	2,393.24
3/4		3/4		3/4		3/4	4,471.39	3/4	4,149.47	3/4	3,812.44	3/4	3,460.52	3/4	3,103.26	3/4	2,744.52	3/4	2,385.76
11	11	11	11	11	11	11	4,464.84	11	4,142.61	11	3,805.25	11	3,453.07	11	3,095.80	11	2,737.05	11	2,378.29
1/4		1/4		1/4		1/4	4,458.28	1/4	4,135.74	1/4	3,798.07	1/4	3,445.63	1/4	3,088.34	1/4	2,729.58	1/4	2,370.81
1/2		1/2		1/2		1/2	4,451.71	1/2	4,128.85	1/2	3,790.87	1/2	3,438.19	1/2	3,080.86	1/2	2,722.10	1/2	2,363.34
3/4		3/4		3/4		3/4	4,761.89	3/4	4,445.14	3/4	4,121.96	3/4	3,783.66	3/4	3,430.75	3/4	3,073.39	3/4	2,355.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-00" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 29125"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,348.39	0	1,989.63	0	1,630.87	0	1,281.29	0	936.76	0	579.07	0	220.31	0		0		0	
1/4	2,340.92	1/4	1,982.16	1/4	1,623.39	1/4	1,274.10	1/4	929.59	1/4	571.59	1/4	212.84	1/4		1/4		1/4	
1/2	2,333.44	1/2	1,974.68	1/2	1,615.92	1/2	1,266.91	1/2	922.31	1/2	564.12	1/2	205.36	1/2		1/2		1/2	
3/4	2,325.97	3/4	1,967.21	3/4	1,608.45	3/4	1,259.72	3/4	915.02	3/4	556.64	3/4	197.89	3/4		3/4		3/4	
1	2,318.50	1	1,959.73	1	1,600.97	1	1,252.53	1	907.74	1	549.17	1	190.42	1		1		1	
1/4	2,311.02	1/4	1,952.26	1/4	1,593.50	1/4	1,245.33	1/4	900.45	1/4	541.69	1/4	182.95	1/4		1/4		1/4	
1/2	2,303.55	1/2	1,944.79	1/2	1,586.02	1/2	1,238.14	1/2	892.98	1/2	534.22	1/2	175.48	1/2		1/2		1/2	
3/4	2,296.07	3/4	1,937.31	3/4	1,578.55	3/4	1,230.95	3/4	885.50	3/4	526.75	3/4	168.02	3/4		3/4		3/4	
2	2,288.60	2	1,929.84	2	1,571.08	2	1,223.76	2	878.03	2	519.27	2	160.55	2		2		2	
1/4	2,281.12	1/4	1,922.36	1/4	1,563.60	1/4	1,216.57	1/4	870.56	1/4	511.80	1/4	153.09	1/4		1/4		1/4	
1/2	2,273.65	1/2	1,914.89	1/2	1,556.13	1/2	1,209.38	1/2	863.08	1/2	504.32	1/2	145.63	1/2		1/2		1/2	
3/4	2,266.18	3/4	1,907.41	3/4	1,548.65	3/4	1,202.19	3/4	855.61	3/4	496.85	3/4	138.18	3/4		3/4		3/4	
3	2,258.70	3	1,899.94	3	1,541.18	3	1,195.01	3	848.13	3	489.38	3	130.72	3		3		3	
1/4	2,251.23	1/4	1,892.47	1/4	1,533.70	1/4	1,187.82	1/4	840.66	1/4	481.90	1/4	123.27	1/4		1/4		1/4	
1/2	2,243.75	1/2	1,884.99	1/2	1,526.34	1/2	1,180.64	1/2	833.18	1/2	474.43	1/2	115.83	1/2		1/2		1/2	
3/4	2,236.28	3/4	1,877.52	3/4	1,518.97	3/4	1,173.46	3/4	825.71	3/4	466.95	3/4	108.40	3/4		3/4		3/4	
4	2,228.81	4	1,870.04	4	1,511.60	4	1,166.28	4	818.24	4	459.48	4	100.96	4		4		4	
1/4	2,221.33	1/4	1,862.57	1/4	1,504.23	1/4	1,159.10	1/4	810.76	1/4	452.01	1/4	93.52	1/4		1/4		1/4	
1/2	2,213.86	1/2	1,855.10	1/2	1,497.04	1/2	1,151.93	1/2	803.29	1/2	444.53	1/2	86.12	1/2		1/2		1/2	
3/4	2,206.38	3/4	1,847.62	3/4	1,489.85	3/4	1,144.75	3/4	795.81	3/4	437.06	3/4	78.71	3/4		3/4		3/4	
5	2,198.91	5	1,840.15	5	1,482.66	5	1,137.57	5	788.34	5	429.58	5	71.31	5		5		5	
1/4	2,191.43	1/4	1,832.67	1/4	1,475.46	1/4	1,130.40	1/4	780.87	1/4	422.11	1/4	63.90	1/4		1/4		1/4	
1/2	2,183.96	1/2	1,825.20	1/2	1,468.27	1/2	1,123.23	1/2	773.39	1/2	414.64	1/2	56.95	1/2		1/2		1/2	
3/4	2,176.49	3/4	1,817.72	3/4	1,461.08	3/4	1,116.05	3/4	765.92	3/4	407.16	3/4	50.01	3/4		3/4		3/4	
6	2,169.01	6	1,810.25	6	1,453.89	6	1,108.88	6	758.44	6	399.69	6	43.06	6		6		6	
1/4	2,161.54	1/4	1,802.78	1/4	1,446.70	1/4	1,101.71	1/4	750.97	1/4	392.21	1/4	36.12	1/4		1/4		1/4	
1/2	2,154.06	1/2	1,795.30	1/2	1,439.51	1/2	1,094.54	1/2	743.50	1/2	384.74	1/2	30.82	1/2		1/2		1/2	
3/4	2,146.59	3/4	1,787.83	3/4	1,432.32	3/4	1,087.37	3/4	736.02	3/4	377.26	3/4	25.53	3/4		3/4		3/4	
7	2,139.11	7	1,780.35	7	1,425.12	7	1,080.20	7	728.55	7	369.79	7	20.24	7		7		7	
1/4	2,131.64	1/4	1,772.88	1/4	1,417.93	1/4	1,073.02	1/4	721.07	1/4	362.32	1/4	14.95	1/4		1/4		1/4	
1/2	2,124.17	1/2	1,765.40	1/2	1,410.74	1/2	1,065.85	1/2	713.60	1/2	354.84	1/2		1/2		1/2		1/2	
3/4	2,116.69	3/4	1,757.93	3/4	1,403.55	3/4	1,058.68	3/4	706.13	3/4	347.37	3/4		3/4		3/4		3/4	
8	2,109.22	8	1,750.46	8	1,396.36	8	1,051.51	8	698.65	8	339.89	8		8		8		8	
1/4	2,101.74	1/4	1,742.98	1/4	1,389.17	1/4	1,044.34	1/4	691.18	1/4	332.42	1/4		1/4		1/4		1/4	
1/2	2,094.27	1/2	1,735.51	1/2	1,381.97	1/2	1,037.17	1/2	683.70	1/2	324.95	1/2		1/2		1/2		1/2	
3/4	2,086.80	3/4	1,728.03	3/4	1,374.78	3/4	1,029.99	3/4	676.23	3/4	317.47	3/4		3/4		3/4		3/4	
9	2,079.32	9	1,720.56	9	1,367.59	9	1,022.82	9	668.75	9	310.00	9		9		9		9	
1/4	2,071.85	1/4	1,713.09	1/4	1,360.40	1/4	1,015.65	1/4	661.28	1/4	302.52	1/4		1/4		1/4		1/4	
1/2	2,064.37	1/2	1,705.61	1/2	1,353.21	1/2	1,008.48	1/2	653.81	1/2	295.05	1/2		1/2		1/2		1/2	
3/4	2,056.90	3/4	1,698.14	3/4	1,346.02	3/4	1,001.31	3/4	646.33	3/4	287.58	3/4		3/4		3/4		3/4	
10	2,049.42	10	1,690.66	10	1,338.82	10	994.14	10	638.86	10	280.10	10		10		10		10	
1/4	2,041.95	1/4	1,683.19	1/4	1,331.63	1/4	986.96	1/4	631.38	1/4	272.63	1/4		1/4		1/4		1/4	
1/2	2,034.48	1/2	1,675.71	1/2	1,324.44	1/2	979.79	1/2	623.91	1/2	265.15	1/2		1/2		1/2		1/2	
3/4	2,027.00	3/4	1,668.24	3/4	1,317.25	3/4	972.62	3/4	616.44	3/4	257.68	3/4		3/4		3/4		3/4	
11	2,019.53	11	1,660.77	11	1,310.06	11	965.45	11	608.96	11	250.20	11		11		11		11	
1/4	2,012.05	1/4	1,653.29	1/4	1,302.87	1/4	958.28	1/4	601.49	1/4	242.73	1/4		1/4		1/4		1/4	
1/2	2,004.58	1/2	1,645.82	1/2	1,295.67	1/2	951.11	1/2	594.01	1/2	235.26	1/2		1/2		1/2		1/2	
3/4	1,997.10	3/4	1,638.34	3/4	1,288.48	3/4	943.93	3/4	586.54	3/4	227.78	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "KIRBY 29125"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	4,483.46	0	4,160.84	0	3,823.09	0	3,470.56	0	3,113.20	0	2,754.35
1/4		1/4		1/4		1/4		1/4	4,476.88	1/4	4,153.95	1/4	3,815.88	1/4	3,463.12	1/4	3,105.73	1/4	2,746.88
1/2		1/2		1/2		1/2	4,787.14	1/2	4,470.31	1/2	4,147.05	1/2	3,808.67	1/2	3,455.68	1/2	3,098.25	1/2	2,739.40
3/4		3/4		3/4		3/4	4,782.03	3/4	4,463.73	3/4	4,140.16	3/4	3,801.46	3/4	3,448.23	3/4	3,090.78	3/4	2,731.92
1	1	1	1	1	1	1	4,776.92	1	4,457.16	1	4,133.26	1	3,794.26	1	3,440.79	1	3,083.30	1	2,724.45
1/4		1/4		1/4		1/4	4,770.58	1/4	4,450.56	1/4	4,126.34	1/4	3,787.02	1/4	3,433.34	1/4	3,075.82	1/4	2,716.97
1/2		1/2		1/2		1/2	4,764.25	1/2	4,443.96	1/2	4,119.43	1/2	3,779.78	1/2	3,425.90	1/2	3,068.35	1/2	2,709.49
3/4		3/4		3/4		3/4	4,757.91	3/4	4,437.35	3/4	4,112.51	3/4	3,772.55	3/4	3,418.46	3/4	3,060.87	3/4	2,702.02
2	2	2	2	2	2	2	4,751.57	2	4,430.75	2	4,105.59	2	3,765.31	2	3,411.01	2	3,053.40	2	2,694.54
1/4		1/4		1/4		1/4	4,744.34	1/4	4,424.12	1/4	4,098.65	1/4	3,758.05	1/4	3,403.57	1/4	3,045.92	1/4	2,687.07
1/2		1/2		1/2		1/2	4,737.12	1/2	4,417.50	1/2	4,091.71	1/2	3,750.79	1/2	3,396.12	1/2	3,038.44	1/2	2,679.59
3/4		3/4		3/4		3/4	4,729.90	3/4	4,410.87	3/4	4,084.76	3/4	3,743.53	3/4	3,388.68	3/4	3,030.97	3/4	2,672.11
3	3	3	3	3	3	3	4,722.67	3	4,404.24	3	4,077.82	3	3,736.28	3	3,381.24	3	3,023.49	3	2,664.64
1/4		1/4		1/4		1/4	4,715.23	1/4	4,397.58	1/4	4,070.85	1/4	3,728.99	1/4	3,373.79	1/4	3,016.01	1/4	2,657.16
1/2		1/2		1/2		1/2	4,707.78	1/2	4,390.93	1/2	4,063.88	1/2	3,721.71	1/2	3,366.35	1/2	3,008.54	1/2	2,649.69
3/4		3/4		3/4		3/4	4,700.34	3/4	4,384.28	3/4	4,056.91	3/4	3,714.42	3/4	3,358.90	3/4	3,001.06	3/4	2,642.21
4	4	4	4	4	4	4	4,692.90	4	4,377.62	4	4,049.94	4	3,707.14	4	3,351.46	4	2,993.59	4	2,634.73
1/4		1/4		1/4		1/4	4,685.85	1/4	4,370.94	1/4	4,042.94	1/4	3,699.83	1/4	3,344.02	1/4	2,986.11	1/4	2,627.26
1/2		1/2		1/2		1/2	4,678.80	1/2	4,364.26	1/2	4,035.95	1/2	3,692.52	1/2	3,336.57	1/2	2,978.63	1/2	2,619.78
3/4		3/4		3/4		3/4	4,671.76	3/4	4,357.58	3/4	4,028.95	3/4	3,685.21	3/4	3,329.13	3/4	2,971.16	3/4	2,612.31
5	5	5	5	5	5	5	4,664.71	5	4,350.89	5	4,021.96	5	3,677.89	5	3,321.68	5	2,963.68	5	2,604.83
1/4		1/4		1/4		1/4	4,658.32	1/4	4,344.19	1/4	4,014.94	1/4	3,670.56	1/4	3,314.24	1/4	2,956.21	1/4	2,597.35
1/2		1/2		1/2		1/2	4,651.92	1/2	4,337.48	1/2	4,007.91	1/2	3,663.22	1/2	3,306.80	1/2	2,948.73	1/2	2,589.88
3/4		3/4		3/4		3/4	4,645.53	3/4	4,330.77	3/4	4,000.89	3/4	3,655.88	3/4	3,299.35	3/4	2,941.25	3/4	2,582.40
6	6	6	6	6	6	6	4,639.14	6	4,324.07	6	3,993.87	6	3,648.55	6	3,291.91	6	2,933.78	6	2,574.92
1/4		1/4		1/4		1/4	4,632.72	1/4	4,317.33	1/4	3,986.82	1/4	3,641.18	1/4	3,284.46	1/4	2,926.30	1/4	2,567.45
1/2		1/2		1/2		1/2	4,626.30	1/2	4,310.60	1/2	3,979.77	1/2	3,633.82	1/2	3,277.02	1/2	2,918.83	1/2	2,559.97
3/4		3/4		3/4		3/4	4,619.88	3/4	4,303.86	3/4	3,972.72	3/4	3,626.45	3/4	3,269.58	3/4	2,911.35	3/4	2,552.50
7	7	7	7	7	7	7	4,613.46	7	4,297.13	7	3,965.67	7	3,619.09	7	3,262.13	7	2,903.87	7	2,545.02
1/4		1/4		1/4		1/4	4,607.01	1/4	4,290.37	1/4	3,958.60	1/4	3,611.70	1/4	3,254.69	1/4	2,896.40	1/4	2,537.54
1/2		1/2		1/2		1/2	4,600.57	1/2	4,283.61	1/2	3,951.52	1/2	3,604.31	1/2	3,247.24	1/2	2,888.92	1/2	2,530.07
3/4		3/4		3/4		3/4	4,594.12	3/4	4,276.84	3/4	3,944.44	3/4	3,596.92	3/4	3,239.80	3/4	2,881.45	3/4	2,522.59
8	8	8	8	8	8	8	4,587.67	8	4,270.08	8	3,937.37	8	3,589.53	8	3,232.36	8	2,873.97	8	2,515.12
1/4		1/4		1/4		1/4	4,581.20	1/4	4,263.30	1/4	3,930.27	1/4	3,582.11	1/4	3,224.91	1/4	2,866.49	1/4	2,507.64
1/2		1/2		1/2		1/2	4,574.73	1/2	4,256.51	1/2	3,923.16	1/2	3,574.69	1/2	3,217.47	1/2	2,859.02	1/2	2,500.16
3/4		3/4		3/4		3/4	4,568.25	3/4	4,249.72	3/4	3,916.06	3/4	3,567.28	3/4	3,210.02	3/4	2,851.54	3/4	2,492.69
9	9	9	9	9	9	9	4,561.78	9	4,242.93	9	3,908.96	9	3,559.86	9	3,202.58	9	2,844.06	9	2,485.21
1/4		1/4		1/4		1/4	4,555.28	1/4	4,236.12	1/4	3,901.83	1/4	3,552.42	1/4	3,195.14	1/4	2,836.59	1/4	2,477.74
1/2		1/2		1/2		1/2	4,548.78	1/2	4,229.30	1/2	3,894.70	1/2	3,544.99	1/2	3,187.69	1/2	2,829.11	1/2	2,470.26
3/4		3/4		3/4		3/4	4,542.28	3/4	4,222.49	3/4	3,887.57	3/4	3,537.55	3/4	3,180.25	3/4	2,821.64	3/4	2,462.78
10	10	10	10	10	10	10	4,535.78	10	4,215.68	10	3,880.44	10	3,530.12	10	3,172.80	10	2,814.16	10	2,455.31
1/4		1/4		1/4		1/4	4,529.25	1/4	4,208.83	1/4	3,873.29	1/4	3,522.67	1/4	3,165.36	1/4	2,806.68	1/4	2,447.83
1/2		1/2		1/2		1/2	4,522.73	1/2	4,201.99	1/2	3,866.13	1/2	3,515.23	1/2	3,157.92	1/2	2,799.21	1/2	2,440.36
3/4		3/4		3/4		3/4	4,516.20	3/4	4,195.15	3/4	3,858.98	3/4	3,507.78	3/4	3,150.47	3/4	2,791.73	3/4	2,432.88
11	11	11	11	11	11	11	4,509.68	11	4,188.31	11	3,851.82	11	3,500.34	11	3,143.03	11	2,784.26	11	2,425.40
1/4		1/4		1/4		1/4	4,503.12	1/4	4,181.44	1/4	3,844.64	1/4	3,492.90	1/4	3,135.57	1/4	2,776.78	1/4	2,417.93
1/2		1/2		1/2		1/2	4,496.57	1/2	4,174.58	1/2	3,837.46	1/2	3,485.45	1/2	3,128.12	1/2	2,769.30	1/2	2,410.45
3/4		3/4		3/4		3/4	4,490.01	3/4	4,167.71	3/4	3,830.27	3/4	3,478.01	3/4	3,120.66	3/4	2,761.83	3/4	2,402.97

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-00" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 29125"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	2,395.50	0	2,036.65	0	1,677.79	0	1,318.94	0	960.35	0	601.63	0	242.79	0		0		0	
1/4	2,388.02	1/4	2,029.17	1/4	1,670.32	1/4	1,311.46	1/4	952.88	1/4	594.16	1/4	235.31	1/4		1/4		1/4	
1/2	2,380.55	1/2	2,021.69	1/2	1,662.84	1/2	1,303.99	1/2	945.42	1/2	586.68	1/2	227.84	1/2		1/2		1/2	
3/4	2,373.07	3/4	2,014.22	3/4	1,655.36	3/4	1,296.51	3/4	937.96	3/4	579.20	3/4	220.36	3/4		3/4		3/4	
1	2,365.59	1	2,006.74	1	1,647.89	1	1,289.04	1	930.49	1	571.73	1	212.89	1		1		1	
1/4	2,358.12	1/4	1,999.27	1/4	1,640.41	1/4	1,281.56	1/4	923.03	1/4	564.25	1/4	205.41	1/4		1/4		1/4	
1/2	2,350.64	1/2	1,991.79	1/2	1,632.94	1/2	1,274.08	1/2	915.56	1/2	556.78	1/2	197.94	1/2		1/2		1/2	
3/4	2,343.17	3/4	1,984.31	3/4	1,625.46	3/4	1,266.61	3/4	908.10	3/4	549.30	3/4	190.47	3/4		3/4		3/4	
2	2,335.69	2	1,976.84	2	1,617.98	2	1,259.13	2	900.64	2	541.83	2	182.99	2		2		2	
1/4	2,328.21	1/4	1,969.36	1/4	1,610.51	1/4	1,251.66	1/4	893.17	1/4	534.35	1/4	175.52	1/4		1/4		1/4	
1/2	2,320.74	1/2	1,961.88	1/2	1,603.03	1/2	1,244.18	1/2	885.70	1/2	526.87	1/2	168.06	1/2		1/2		1/2	
3/4	2,313.26	3/4	1,954.41	3/4	1,595.56	3/4	1,236.70	3/4	878.23	3/4	519.40	3/4	160.59	3/4		3/4		3/4	
3	2,305.79	3	1,946.93	3	1,588.08	3	1,229.23	3	870.76	3	511.92	3	153.12	3		3		3	
1/4	2,298.31	1/4	1,939.46	1/4	1,580.60	1/4	1,221.75	1/4	863.29	1/4	504.45	1/4	145.67	1/4		1/4		1/4	
1/2	2,290.83	1/2	1,931.98	1/2	1,573.13	1/2	1,214.27	1/2	855.81	1/2	496.97	1/2	138.21	1/2		1/2		1/2	
3/4	2,283.36	3/4	1,924.50	3/4	1,565.65	3/4	1,206.80	3/4	848.34	3/4	489.49	3/4	130.75	3/4		3/4		3/4	
4	2,275.88	4	1,917.03	4	1,558.18	4	1,199.32	4	840.86	4	482.02	4	123.30	4		4		4	
1/4	2,268.40	1/4	1,909.55	1/4	1,550.70	1/4	1,191.85	1/4	833.39	1/4	474.54	1/4	115.86	1/4		1/4		1/4	
1/2	2,260.93	1/2	1,902.08	1/2	1,543.22	1/2	1,184.37	1/2	825.91	1/2	467.07	1/2	108.42	1/2		1/2		1/2	
3/4	2,253.45	3/4	1,894.60	3/4	1,535.75	3/4	1,176.89	3/4	818.43	3/4	459.59	3/4	100.98	3/4		3/4		3/4	
5	2,245.98	5	1,887.12	5	1,528.27	5	1,169.42	5	810.96	5	452.11	5	93.55	5		5		5	
1/4	2,238.50	1/4	1,879.65	1/4	1,520.79	1/4	1,161.94	1/4	803.48	1/4	444.64	1/4	86.14	1/4		1/4		1/4	
1/2	2,231.02	1/2	1,872.17	1/2	1,513.32	1/2	1,154.47	1/2	796.01	1/2	437.16	1/2	78.73	1/2		1/2		1/2	
3/4	2,223.55	3/4	1,864.70	3/4	1,505.84	3/4	1,146.99	3/4	788.53	3/4	429.69	3/4	71.32	3/4		3/4		3/4	
6	2,216.07	6	1,857.22	6	1,498.37	6	1,139.51	6	781.05	6	422.21	6	63.92	6		6		6	
1/4	2,208.60	1/4	1,849.74	1/4	1,490.89	1/4	1,132.04	1/4	773.58	1/4	414.74	1/4	56.97	1/4		1/4		1/4	
1/2	2,201.12	1/2	1,842.27	1/2	1,483.41	1/2	1,124.57	1/2	766.10	1/2	407.26	1/2	50.02	1/2		1/2		1/2	
3/4	2,193.64	3/4	1,834.79	3/4	1,475.94	3/4	1,117.10	3/4	758.63	3/4	399.78	3/4	43.07	3/4		3/4		3/4	
7	2,186.17	7	1,827.31	7	1,468.46	7	1,109.63	7	751.15	7	392.31	7	36.13	7		7		7	
1/4	2,178.69	1/4	1,819.84	1/4	1,460.99	1/4	1,102.16	1/4	743.67	1/4	384.83	1/4	30.83	1/4		1/4		1/4	
1/2	2,171.22	1/2	1,812.36	1/2	1,453.51	1/2	1,094.70	1/2	736.20	1/2	377.36	1/2	25.54	1/2		1/2		1/2	
3/4	2,163.74	3/4	1,804.89	3/4	1,446.03	3/4	1,087.24	3/4	728.72	3/4	369.88	3/4	20.25	3/4		3/4		3/4	
8	2,156.26	8	1,797.41	8	1,438.56	8	1,079.77	8	721.25	8	362.40	8	14.95	8		8		8	
1/4	2,148.79	1/4	1,789.93	1/4	1,431.08	1/4	1,072.31	1/4	713.77	1/4	354.93	1/4		1/4		1/4		1/4	
1/2	2,141.31	1/2	1,782.46	1/2	1,423.61	1/2	1,064.84	1/2	706.30	1/2	347.45	1/2		1/2		1/2		1/2	
3/4	2,133.84	3/4	1,774.98	3/4	1,416.13	3/4	1,057.38	3/4	698.82	3/4	339.98	3/4		3/4		3/4		3/4	
9	2,126.36	9	1,767.51	9	1,408.65	9	1,049.92	9	691.34	9	332.50	9		9		9		9	
1/4	2,118.88	1/4	1,760.03	1/4	1,401.18	1/4	1,042.45	1/4	683.87	1/4	325.02	1/4		1/4		1/4		1/4	
1/2	2,111.41	1/2	1,752.55	1/2	1,393.70	1/2	1,034.99	1/2	676.39	1/2	317.55	1/2		1/2		1/2		1/2	
3/4	2,103.93	3/4	1,745.08	3/4	1,386.23	3/4	1,027.52	3/4	668.92	3/4	310.07	3/4		3/4		3/4		3/4	
10	2,096.45	10	1,737.60	10	1,378.75	10	1,020.06	10	661.44	10	302.60	10		10		10		10	
1/4	2,088.98	1/4	1,730.13	1/4	1,371.27	1/4	1,012.60	1/4	653.96	1/4	295.12	1/4		1/4		1/4		1/4	
1/2	2,081.50	1/2	1,722.65	1/2	1,363.80	1/2	1,005.13	1/2	646.49	1/2	287.64	1/2		1/2		1/2		1/2	
3/4	2,074.03	3/4	1,715.17	3/4	1,356.32	3/4	997.67	3/4	639.01	3/4	280.17	3/4		3/4		3/4		3/4	
11	2,066.55	11	1,707.70	11	1,348.84	11	990.20	11	631.54	11	272.69	11		11		11		11	
1/4	2,059.07	1/4	1,700.22	1/4	1,341.37	1/4	982.74	1/4	624.06	1/4	265.22	1/4		1/4		1/4		1/4	
1/2	2,051.60	1/2	1,692.75	1/2	1,333.89	1/2	975.28	1/2	616.58	1/2	257.74	1/2		1/2		1/2		1/2	
3/4	2,044.12	3/4	1,685.27	3/4	1,326.42	3/4	967.81	3/4	609.11	3/4	250.27	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "KIRBY 29125"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	4,349.53	0	4,109.09	0	3,863.14	0	3,605.22	0	3,335.62	0	2,983.89	0	2,628.10
1/4		1/4		1/4		1/4	4,344.91	1/4	4,104.09	1/4	3,857.89	1/4	3,599.72	1/4	3,329.92	1/4	2,976.48	1/4	2,620.69
1/2		1/2		1/2		1/2	4,340.28	1/2	4,099.09	1/2	3,852.63	1/2	3,594.22	1/2	3,324.23	1/2	2,969.07	1/2	2,613.28
3/4		3/4		3/4		3/4	4,336.14	3/4	4,094.08	3/4	3,847.36	3/4	3,588.70	3/4	3,316.81	3/4	2,961.65	3/4	2,605.87
1	1	1	1	1	1	1	4,331.99	1	4,089.06	1	3,842.09	1	3,583.17	1	3,309.40	1	2,954.24	1	2,598.46
1/4		1/4		1/4		1/4	4,327.85	1/4	4,084.04	1/4	3,836.83	1/4	3,577.65	1/4	3,301.98	1/4	2,946.83	1/4	2,591.04
1/2		1/2		1/2		1/2	4,323.70	1/2	4,079.02	1/2	3,831.56	1/2	3,572.13	1/2	3,294.57	1/2	2,939.42	1/2	2,583.63
3/4		3/4		3/4		3/4	4,318.36	3/4	4,073.98	3/4	3,826.27	3/4	3,566.59	3/4	3,287.15	3/4	2,932.00	3/4	2,576.22
2	2	2	2	2	2	2	4,313.01	2	4,068.94	2	3,820.98	2	3,561.05	2	3,279.74	2	2,924.59	2	2,568.81
1/4		1/4		1/4		1/4	4,307.67	1/4	4,063.90	1/4	3,815.69	1/4	3,555.51	1/4	3,272.32	1/4	2,917.18	1/4	2,561.39
1/2		1/2		1/2		1/2	4,302.32	1/2	4,058.86	1/2	3,810.40	1/2	3,549.97	1/2	3,264.91	1/2	2,909.77	1/2	2,553.98
3/4		3/4		3/4		3/4	4,296.63	3/4	4,053.80	3/4	3,805.09	3/4	3,544.41	3/4	3,257.49	3/4	2,902.36	3/4	2,546.57
3	3	3	3	3	3	3	4,290.93	3	4,048.74	3	3,799.78	3	3,538.85	3	3,250.08	3	2,894.94	3	2,539.16
1/4		1/4		1/4		1/4	4,285.24	1/4	4,043.68	1/4	3,794.47	1/4	3,533.30	1/4	3,242.66	1/4	2,887.53	1/4	2,531.75
1/2		1/2		1/2		1/2	4,279.54	1/2	4,038.62	1/2	3,789.16	1/2	3,527.74	1/2	3,235.25	1/2	2,880.12	1/2	2,524.33
3/4		3/4		3/4		3/4	4,273.85	3/4	4,033.54	3/4	3,783.83	3/4	3,522.16	3/4	3,227.83	3/4	2,872.71	3/4	2,516.92
4	4	4	4	4	4	4	4,268.16	4	4,028.46	4	3,778.50	4	3,516.58	4	3,220.41	4	2,865.29	4	2,509.51
1/4		1/4		1/4		1/4	4,262.46	1/4	4,023.37	1/4	3,773.17	1/4	3,510.99	1/4	3,213.00	1/4	2,857.88	1/4	2,502.10
1/2		1/2		1/2		1/2	4,256.77	1/2	4,018.29	1/2	3,767.84	1/2	3,505.41	1/2	3,205.58	1/2	2,850.47	1/2	2,494.68
3/4		3/4		3/4		3/4	4,251.91	3/4	4,013.19	3/4	3,762.48	3/4	3,499.81	3/4	3,198.20	3/4	2,843.06	3/4	2,487.27
5	5	5	5	5	5	5	4,247.06	5	4,008.09	5	3,757.13	5	3,494.21	5	3,190.81	5	2,835.65	5	2,479.86
1/4		1/4		1/4		1/4	4,242.20	1/4	4,002.98	1/4	3,751.78	1/4	3,488.61	1/4	3,183.42	1/4	2,828.23	1/4	2,472.45
1/2		1/2		1/2		1/2	4,237.35	1/2	3,997.88	1/2	3,746.42	1/2	3,483.01	1/2	3,176.03	1/2	2,820.82	1/2	2,465.04
3/4		3/4		3/4		3/4	4,232.48	3/4	3,992.76	3/4	3,741.05	3/4	3,477.39	3/4	3,168.64	3/4	2,813.41	3/4	2,457.62
6	6	6	6	6	6	6	4,227.60	6	3,987.63	6	3,735.68	6	3,471.76	6	3,161.25	6	2,806.00	6	2,450.21
1/4		1/4		1/4		1/4	4,222.73	1/4	3,982.51	1/4	3,730.31	1/4	3,466.14	1/4	3,153.87	1/4	2,798.59	1/4	2,442.80
1/2		1/2		1/2		1/2	4,217.86	1/2	3,977.38	1/2	3,724.94	1/2	3,460.52	1/2	3,146.48	1/2	2,791.17	1/2	2,435.39
3/4		3/4		3/4		3/4	4,212.96	3/4	3,972.24	3/4	3,719.54	3/4	3,454.88	3/4	3,139.09	3/4	2,783.76	3/4	2,427.98
7	7	7	7	7	7	7	4,208.06	7	3,967.10	7	3,714.15	7	3,449.23	7	3,131.70	7	2,776.35	7	2,420.56
1/4		1/4		1/4		1/4	4,203.17	1/4	3,961.95	1/4	3,708.75	1/4	3,443.59	1/4	3,124.31	1/4	2,768.94	1/4	2,413.15
1/2		1/2		1/2		1/2	4,198.27	1/2	3,956.81	1/2	3,703.36	1/2	3,437.95	1/2	3,116.93	1/2	2,761.52	1/2	2,405.74
3/4		3/4		3/4		3/4	4,193.35	3/4	3,951.64	3/4	3,697.94	3/4	3,432.28	3/4	3,109.54	3/4	2,754.11	3/4	2,398.33
8	8	8	8	8	8	8	4,188.44	8	3,946.47	8	3,692.53	8	3,426.62	8	3,102.15	8	2,746.70	8	2,390.91
1/4		1/4		1/4		1/4	4,183.52	1/4	3,941.31	1/4	3,687.12	1/4	3,420.95	1/4	3,094.76	1/4	2,739.29	1/4	2,383.50
1/2		1/2		1/2		1/2	4,178.61	1/2	3,936.14	1/2	3,681.70	1/2	3,415.29	1/2	3,087.37	1/2	2,731.88	1/2	2,376.09
3/4		3/4		3/4		3/4	4,173.67	3/4	3,930.95	3/4	3,676.27	3/4	3,409.60	3/4	3,079.98	3/4	2,724.46	3/4	2,368.68
9	9	9	9	9	9	9	4,168.73	9	3,925.77	9	3,670.83	9	3,403.92	9	3,072.60	9	2,717.05	9	2,361.26
1/4		1/4		1/4		1/4	4,163.79	1/4	3,920.58	1/4	3,665.39	1/4	3,398.24	1/4	3,065.21	1/4	2,709.64	1/4	2,353.85
1/2		1/2		1/2		1/2	4,158.85	1/2	3,915.40	1/2	3,659.95	1/2	3,392.55	1/2	3,057.82	1/2	2,702.23	1/2	2,346.44
3/4		3/4		3/4		3/4	4,153.89	3/4	3,910.19	3/4	3,654.50	3/4	3,386.86	3/4	3,050.43	3/4	2,694.81	3/4	2,339.03
10	10	10	10	10	10	10	4,148.93	10	3,904.98	10	3,649.04	10	3,381.16	10	3,043.04	10	2,687.40	10	2,331.61
1/4		1/4		1/4		1/4	4,143.98	1/4	3,899.77	1/4	3,643.59	1/4	3,375.47	1/4	3,035.66	1/4	2,679.99	1/4	2,324.20
1/2		1/2		1/2		1/2	4,139.02	1/2	3,894.56	1/2	3,638.13	1/2	3,369.78	1/2	3,028.27	1/2	2,672.58	1/2	2,316.79
3/4		3/4		3/4		3/4	4,134.04	3/4	3,889.33	3/4	3,632.65	3/4	3,364.08	3/4	3,020.88	3/4	2,665.17	3/4	2,309.38
11	11	11	11	11	11	11	4,129.06	11	3,884.10	11	3,627.17	11	3,358.39	11	3,013.49	11	2,657.75	11	2,301.96
1/4		1/4		1/4		1/4	4,124.07	1/4	3,878.87	1/4	3,621.69	1/4	3,352.70	1/4	3,006.10	1/4	2,650.34	1/4	2,294.55
1/2		1/2		1/2		1/2	4,358.78	1/2	4,119.09	1/2	3,873.65	1/2	3,616.21	1/2	3,347.00	1/2	2,998.71	1/2	2,287.14
3/4		3/4		3/4		3/4	4,354.16	3/4	4,114.09	3/4	3,868.39	3/4	3,610.71	3/4	3,341.31	3/4	2,991.30	3/4	2,279.72



BARGE "KIRBY 29125"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	2,272.31	0	1,916.08	0	1,560.80	0	1,204.90	0	861.29	0	504.96	0	148.41	0		0		0	
1/4	2,264.90	1/4	1,908.65	1/4	1,553.40	1/4	1,197.74	1/4	853.88	1/4	497.53	1/4	140.98	1/4		1/4		1/4	
1/2	2,257.49	1/2	1,901.23	1/2	1,546.00	1/2	1,190.59	1/2	846.48	1/2	490.10	1/2	133.55	1/2		1/2		1/2	
3/4	2,250.07	3/4	1,893.83	3/4	1,538.57	3/4	1,183.43	3/4	839.07	3/4	482.67	3/4	126.12	3/4		3/4		3/4	
1	2,242.66	1	1,886.42	1	1,531.15	1	1,176.27	1	831.66	1	475.24	1	118.70	1		1		1	
1/4	2,235.25	1/4	1,879.02	1/4	1,523.72	1/4	1,169.11	1/4	824.26	1/4	467.81	1/4	111.27	1/4		1/4		1/4	
1/2	2,227.84	1/2	1,871.62	1/2	1,516.29	1/2	1,161.95	1/2	816.85	1/2	460.39	1/2	103.84	1/2		1/2		1/2	
3/4	2,220.42	3/4	1,864.22	3/4	1,508.87	3/4	1,154.79	3/4	809.44	3/4	452.96	3/4	96.73	3/4		3/4		3/4	
2	2,213.01	2	1,856.82	2	1,501.44	2	1,147.63	2	802.04	2	445.53	2	89.61	2		2		2	
1/4	2,205.60	1/4	1,849.42	1/4	1,494.01	1/4	1,140.47	1/4	794.63	1/4	438.10	1/4	82.50	1/4		1/4		1/4	
1/2	2,198.18	1/2	1,842.02	1/2	1,486.59	1/2	1,133.31	1/2	787.22	1/2	430.67	1/2	75.39	1/2		1/2		1/2	
3/4	2,190.77	3/4	1,834.62	3/4	1,479.16	3/4	1,126.15	3/4	779.80	3/4	423.25	3/4	69.21	3/4		3/4		3/4	
3	2,183.36	3	1,827.22	3	1,471.73	3	1,118.99	3	772.37	3	415.82	3	63.04	3		3		3	
1/4	2,175.95	1/4	1,819.82	1/4	1,464.31	1/4	1,111.83	1/4	764.94	1/4	408.39	1/4	56.86	1/4		1/4		1/4	
1/2	2,168.53	1/2	1,812.42	1/2	1,456.88	1/2	1,104.68	1/2	757.51	1/2	400.96	1/2	50.69	1/2		1/2		1/2	
3/4	2,161.12	3/4	1,805.02	3/4	1,449.45	3/4	1,097.52	3/4	750.08	3/4	393.53	3/4	45.77	3/4		3/4		3/4	
4	2,153.71	4	1,797.62	4	1,442.03	4	1,090.36	4	742.65	4	386.11	4	40.85	4		4		4	
1/4	2,146.30	1/4	1,790.22	1/4	1,434.60	1/4	1,083.20	1/4	735.23	1/4	378.68	1/4	35.93	1/4		1/4		1/4	
1/2	2,138.88	1/2	1,782.82	1/2	1,427.17	1/2	1,076.04	1/2	727.80	1/2	371.25	1/2	31.01	1/2		1/2		1/2	
3/4	2,131.46	3/4	1,775.42	3/4	1,419.75	3/4	1,068.89	3/4	720.37	3/4	363.82	3/4	27.35	3/4		3/4		3/4	
5	2,124.03	5	1,768.02	5	1,412.32	5	1,061.75	5	712.94	5	356.39	5	23.69	5		5		5	
1/4	2,116.60	1/4	1,760.62	1/4	1,404.89	1/4	1,054.60	1/4	705.51	1/4	348.97	1/4	20.03	1/4		1/4		1/4	
1/2	2,109.18	1/2	1,753.22	1/2	1,397.47	1/2	1,047.46	1/2	698.09	1/2	341.54	1/2	16.37	1/2		1/2		1/2	
3/4	2,101.75	3/4	1,745.82	3/4	1,390.04	3/4	1,040.31	3/4	690.66	3/4	334.11	3/4		3/4		3/4		3/4	
6	2,094.32	6	1,738.41	6	1,382.61	6	1,033.17	6	683.23	6	326.68	6		6		6		6	
1/4	2,086.90	1/4	1,731.01	1/4	1,375.19	1/4	1,026.02	1/4	675.80	1/4	319.25	1/4		1/4		1/4		1/4	
1/2	2,079.47	1/2	1,723.61	1/2	1,367.76	1/2	1,018.88	1/2	668.37	1/2	311.82	1/2		1/2		1/2		1/2	
3/4	2,072.04	3/4	1,716.21	3/4	1,360.33	3/4	1,011.73	3/4	660.95	3/4	304.40	3/4		3/4		3/4		3/4	
7	2,064.62	7	1,708.81	7	1,352.90	7	1,004.59	7	653.52	7	296.97	7		7		7		7	
1/4	2,057.19	1/4	1,701.41	1/4	1,345.48	1/4	997.45	1/4	646.09	1/4	289.54	1/4		1/4		1/4		1/4	
1/2	2,049.76	1/2	1,694.01	1/2	1,338.05	1/2	990.31	1/2	638.66	1/2	282.11	1/2		1/2		1/2		1/2	
3/4	2,042.33	3/4	1,686.61	3/4	1,330.62	3/4	983.17	3/4	631.23	3/4	274.68	3/4		3/4		3/4		3/4	
8	2,034.91	8	1,679.21	8	1,323.20	8	976.03	8	623.81	8	267.26	8		8		8		8	
1/4	2,027.48	1/4	1,671.81	1/4	1,315.77	1/4	968.90	1/4	616.38	1/4	259.83	1/4		1/4		1/4		1/4	
1/2	2,020.05	1/2	1,664.41	1/2	1,308.34	1/2	961.76	1/2	608.95	1/2	252.40	1/2		1/2		1/2		1/2	
3/4	2,012.63	3/4	1,657.01	3/4	1,300.92	3/4	954.62	3/4	601.52	3/4	244.97	3/4		3/4		3/4		3/4	
9	2,005.20	9	1,649.61	9	1,293.49	9	947.48	9	594.09	9	237.54	9		9		9		9	
1/4	1,997.77	1/4	1,642.21	1/4	1,286.06	1/4	940.34	1/4	586.66	1/4	230.12	1/4		1/4		1/4		1/4	
1/2	1,990.35	1/2	1,634.81	1/2	1,278.64	1/2	933.21	1/2	579.24	1/2	222.69	1/2		1/2		1/2		1/2	
3/4	1,982.92	3/4	1,627.41	3/4	1,271.21	3/4	926.07	3/4	571.84	3/4	215.26	3/4		3/4		3/4		3/4	
10	1,975.49	10	1,620.01	10	1,263.78	10	918.93	10	564.38	10	207.83	10		10		10		10	
1/4	1,968.07	1/4	1,612.61	1/4	1,256.36	1/4	911.79	1/4	556.95	1/4	200.40	1/4		1/4		1/4		1/4	
1/2	1,960.64	1/2	1,605.21	1/2	1,248.93	1/2	904.65	1/2	549.52	1/2	192.98	1/2		1/2		1/2		1/2	
3/4	1,953.21	3/4	1,597.81	3/4	1,241.50	3/4	897.52	3/4	542.10	3/4	185.55	3/4		3/4		3/4		3/4	
11	1,945.79	11	1,590.40	11	1,234.08	11	890.38	11	534.67	11	178.12	11		11		11		11	
1/4	1,938.36	1/4	1,583.00	1/4	1,226.65	1/4	883.24	1/4	527.24	1/4	170.69	1/4		1/4		1/4		1/4	
1/2	1,930.93	1/2	1,575.60	1/2	1,219.22	1/2	876.10	1/2	519.81	1/2	163.26	1/2		1/2		1/2		1/2	
3/4	1,923.51	3/4	1,568.20	3/4	1,212.06	3/4	868.70	3/4	512.38	3/4	155.83	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29125"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0	0	0	0	0	0	0	4,371.69	0	4,129.78	0	3,882.48	0	3,623.20	0	3,352.27	0	2,996.97	0	2,639.95		
1/4		1/4		1/4		1/4	4,367.04	1/4	4,124.76	1/4	3,877.20	1/4	3,617.68	1/4	3,346.56	1/4	2,989.53	1/4	2,632.51		
1/2		1/2		1/2		1/2	4,362.88	1/2	4,119.72	1/2	3,871.91	1/2	3,612.14	1/2	3,339.12	1/2	2,982.09	1/2	2,625.07		
3/4		3/4		3/4		3/4	4,358.71	3/4	4,114.68	3/4	3,866.62	3/4	3,606.59	3/4	3,331.68	3/4	2,974.66	3/4	2,617.63		
1	1	1	1	1	1	1	4,354.54	1	4,109.64	1	3,861.32	1	3,601.04	1	3,324.24	1	2,967.22	1	2,610.19		
1/4		1/4		1/4		1/4	4,350.37	1/4	4,104.60	1/4	3,856.03	1/4	3,595.50	1/4	3,316.80	1/4	2,959.78	1/4	2,602.76		
1/2		1/2		1/2		1/2	4,345.01	1/2	4,099.53	1/2	3,850.72	1/2	3,589.94	1/2	3,309.37	1/2	2,952.34	1/2	2,595.32		
3/4		3/4		3/4		3/4	4,339.64	3/4	4,094.47	3/4	3,845.41	3/4	3,584.37	3/4	3,301.93	3/4	2,944.90	3/4	2,587.88		
2	2	2	2	2	2	2	4,334.27	2	4,089.40	2	3,840.10	2	3,578.81	2	3,294.49	2	2,937.47	2	2,580.44		
1/4		1/4		1/4		1/4	4,328.90	1/4	4,084.34	1/4	3,834.79	1/4	3,573.25	1/4	3,287.05	1/4	2,930.03	1/4	2,573.00		
1/2		1/2		1/2		1/2	4,323.18	1/2	4,079.26	1/2	3,829.45	1/2	3,567.67	1/2	3,279.61	1/2	2,922.59	1/2	2,565.57		
3/4		3/4		3/4		3/4	4,317.47	3/4	4,074.18	3/4	3,824.12	3/4	3,562.08	3/4	3,272.18	3/4	2,915.15	3/4	2,558.13		
3	3	3	3	3	3	3	4,311.75	3	4,069.09	3	3,818.79	3	3,556.50	3	3,264.74	3	2,907.71	3	2,550.69		
1/4		1/4		1/4		1/4	4,306.03	1/4	4,064.01	1/4	3,813.45	1/4	3,550.92	1/4	3,257.30	1/4	2,900.28	1/4	2,543.25		
1/2		1/2		1/2		1/2	4,300.32	1/2	4,058.91	1/2	3,808.10	1/2	3,545.32	1/2	3,249.86	1/2	2,892.84	1/2	2,535.81		
3/4		3/4		3/4		3/4	4,294.60	3/4	4,053.80	3/4	3,802.75	3/4	3,539.71	3/4	3,242.42	3/4	2,885.40	3/4	2,528.38		
4	4	4	4	4	4	4	4,288.88	4	4,048.69	4	3,797.39	4	3,534.11	4	3,234.99	4	2,877.96	4	2,520.94		
1/4		1/4		1/4		1/4	4,283.17	1/4	4,043.59	1/4	3,792.04	1/4	3,528.50	1/4	3,227.55	1/4	2,870.52	1/4	2,513.50		
1/2		1/2		1/2		1/2	4,278.29	1/2	4,038.46	1/2	3,786.66	1/2	3,522.88	1/2	3,220.11	1/2	2,863.09	1/2	2,506.06		
3/4		3/4		3/4		3/4	4,273.41	3/4	4,033.34	3/4	3,781.29	3/4	3,517.26	3/4	3,212.67	3/4	2,855.65	3/4	2,498.62		
5	5	5	5	5	5	5	4,268.53	5	4,028.21	5	3,775.91	5	3,511.63	5	3,205.23	5	2,848.21	5	2,491.19		
1/4		1/4		1/4		1/4	4,263.66	1/4	4,023.09	1/4	3,770.54	1/4	3,506.01	1/4	3,197.80	1/4	2,840.77	1/4	2,483.75		
1/2		1/2		1/2		1/2	4,258.76	1/2	4,017.94	1/2	3,765.14	1/2	3,500.36	1/2	3,190.36	1/2	2,833.33	1/2	2,476.31		
3/4		3/4		3/4		3/4	4,253.86	3/4	4,012.79	3/4	3,759.75	3/4	3,494.72	3/4	3,182.92	3/4	2,825.90	3/4	2,468.87		
6	6	6	6	6	6	6	4,248.97	6	4,007.65	6	3,754.35	6	3,489.07	6	3,175.48	6	2,818.46	6	2,461.43		
1/4		1/4		1/4		1/4	4,244.07	1/4	4,002.50	1/4	3,748.96	1/4	3,483.42	1/4	3,168.04	1/4	2,811.02	1/4	2,454.00		
1/2		1/2		1/2		1/2	4,239.15	1/2	3,997.33	1/2	3,743.54	1/2	3,477.76	1/2	3,160.61	1/2	2,803.58	1/2	2,446.56		
3/4		3/4		3/4		3/4	4,234.23	3/4	3,992.17	3/4	3,738.12	3/4	3,472.09	3/4	3,153.17	3/4	2,796.14	3/4	2,439.12		
7	7	7	7	7	7	7	4,229.31	7	3,987.00	7	3,732.70	7	3,466.43	7	3,145.73	7	2,788.71	7	2,431.68		
1/4		1/4		1/4		1/4	4,224.39	1/4	3,981.83	1/4	3,727.28	1/4	3,460.76	1/4	3,138.29	1/4	2,781.27	1/4	2,424.24		
1/2		1/2		1/2		1/2	4,219.45	1/2	3,976.64	1/2	3,721.85	1/2	3,455.07	1/2	3,130.85	1/2	2,773.83	1/2	2,416.81		
3/4		3/4		3/4		3/4	4,214.51	3/4	3,971.45	3/4	3,716.41	3/4	3,449.38	3/4	3,123.42	3/4	2,766.39	3/4	2,409.37		
8	8	8	8	8	8	8	4,209.58	8	3,966.26	8	3,710.97	8	3,443.70	8	3,115.98	8	2,758.95	8	2,401.93		
1/4		1/4		1/4		1/4	4,204.64	1/4	3,961.07	1/4	3,705.54	1/4	3,438.01	1/4	3,108.54	1/4	2,751.52	1/4	2,394.49		
1/2		1/2		1/2		1/2	4,199.68	1/2	3,955.86	1/2	3,700.08	1/2	3,432.30	1/2	3,101.10	1/2	2,744.08	1/2	2,387.05		
3/4		3/4		3/4		3/4	4,194.71	3/4	3,950.66	3/4	3,694.61	3/4	3,426.59	3/4	3,093.66	3/4	2,736.64	3/4	2,379.62		
9	9	9	9	9	9	9	4,189.75	9	3,945.45	9	3,689.15	9	3,420.89	9	3,086.23	9	2,729.20	9	2,372.18		
1/4		1/4		1/4		1/4	4,184.79	1/4	3,940.24	1/4	3,683.69	1/4	3,415.18	1/4	3,078.79	1/4	2,721.76	1/4	2,364.74		
1/2		1/2		1/2		1/2	4,179.81	1/2	3,935.01	1/2	3,678.21	1/2	3,409.46	1/2	3,071.35	1/2	2,714.33	1/2	2,357.30		
3/4		3/4		3/4		3/4	4,174.83	3/4	3,929.77	3/4	3,672.74	3/4	3,403.74	3/4	3,063.91	3/4	2,706.89	3/4	2,349.86		
10	10	10	10	10	10	10	4,169.85	10	3,924.54	10	3,667.26	10	3,398.02	10	3,056.47	10	2,699.45	10	2,342.43		
1/4		1/4		1/4		1/4	4,164.87	1/4	3,919.31	1/4	3,661.78	1/4	3,392.30	1/4	3,049.04	1/4	2,692.01	1/4	2,334.99		
1/2		1/2		1/2		1/2	4,159.86	1/2	3,914.06	1/2	3,656.28	1/2	3,386.59	1/2	3,041.60	1/2	2,684.57	1/2	2,327.55		
3/4		3/4		3/4		3/4	4,154.86	3/4	3,908.81	3/4	3,650.77	3/4	3,380.87	3/4	3,034.16	3/4	2,677.14	3/4	2,320.11		
11	11	11	11	11	11	11	4,149.85	11	3,903.55	11	3,645.27	11	3,375.15	11	3,026.72	11	2,669.70	11	2,312.67		
1/4		1/4		1/4		1/4	4,385.64	1/4	4,144.85	1/4	3,898.30	1/4	3,639.76	1/4	3,369.43	1/4	3,019.28	1/4	2,662.26	1/4	2,305.24
1/2		1/2		1/2		1/2	4,380.99	1/2	4,139.82	1/2	3,893.03	1/2	3,634.24	1/2	3,363.71	1/2	3,011.85	1/2	2,654.82	1/2	2,297.80
3/4		3/4		3/4		3/4	4,376.34	3/4	4,134.80	3/4	3,887.75	3/4	3,628.72	3/4	3,357.99	3/4	3,004.41	3/4	2,647.38	3/4	2,290.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 29125"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,282.92	0	1,925.90	0	1,568.87	0	1,211.85	0	855.10	0	498.19	0	141.18	0		0		0	
1/4	2,275.48	1/4	1,918.46	1/4	1,561.44	1/4	1,204.41	1/4	847.67	1/4	490.75	1/4	133.74	1/4		1/4		1/4	
1/2	2,268.05	1/2	1,911.02	1/2	1,554.00	1/2	1,196.97	1/2	840.25	1/2	483.32	1/2	126.30	1/2		1/2		1/2	
3/4	2,260.61	3/4	1,903.58	3/4	1,546.56	3/4	1,189.54	3/4	832.82	3/4	475.88	3/4	118.86	3/4		3/4		3/4	
1	2,253.17	1	1,896.15	1	1,539.12	1	1,182.10	1	825.40	1	468.44	1	111.43	1		1		1	
1/4	2,245.73	1/4	1,888.71	1/4	1,531.68	1/4	1,174.66	1/4	817.97	1/4	461.00	1/4	103.99	1/4		1/4		1/4	
1/2	2,238.29	1/2	1,881.27	1/2	1,524.25	1/2	1,167.22	1/2	810.54	1/2	453.56	1/2	96.87	1/2		1/2		1/2	
3/4	2,230.86	3/4	1,873.83	3/4	1,516.81	3/4	1,159.78	3/4	803.12	3/4	446.13	3/4	89.74	3/4		3/4		3/4	
2	2,223.42	2	1,866.39	2	1,509.37	2	1,152.35	2	795.69	2	438.69	2	82.62	2		2		2	
1/4	2,215.98	1/4	1,858.96	1/4	1,501.93	1/4	1,144.91	1/4	788.26	1/4	431.25	1/4	75.50	1/4		1/4		1/4	
1/2	2,208.54	1/2	1,851.52	1/2	1,494.49	1/2	1,137.47	1/2	780.83	1/2	423.81	1/2	69.31	1/2		1/2		1/2	
3/4	2,201.10	3/4	1,844.08	3/4	1,487.06	3/4	1,130.03	3/4	773.39	3/4	416.37	3/4	63.13	3/4		3/4		3/4	
3	2,193.67	3	1,836.64	3	1,479.62	3	1,122.59	3	765.95	3	408.94	3	56.94	3		3		3	
1/4	2,186.23	1/4	1,829.20	1/4	1,472.18	1/4	1,115.16	1/4	758.51	1/4	401.50	1/4	50.76	1/4		1/4		1/4	
1/2	2,178.79	1/2	1,821.77	1/2	1,464.74	1/2	1,107.72	1/2	751.08	1/2	394.06	1/2	45.83	1/2		1/2		1/2	
3/4	2,171.35	3/4	1,814.33	3/4	1,457.30	3/4	1,100.28	3/4	743.64	3/4	386.62	3/4	40.90	3/4		3/4		3/4	
4	2,163.91	4	1,806.89	4	1,449.87	4	1,092.84	4	736.20	4	379.19	4	35.97	4		4		4	
1/4	2,156.48	1/4	1,799.45	1/4	1,442.43	1/4	1,085.40	1/4	728.76	1/4	371.75	1/4	31.04	1/4		1/4		1/4	
1/2	2,149.04	1/2	1,792.01	1/2	1,434.99	1/2	1,077.97	1/2	721.32	1/2	364.31	1/2	27.37	1/2		1/2		1/2	
3/4	2,141.60	3/4	1,784.58	3/4	1,427.55	3/4	1,070.53	3/4	713.89	3/4	356.87	3/4	23.70	3/4		3/4		3/4	
5	2,134.16	5	1,777.14	5	1,420.11	5	1,063.09	5	706.45	5	349.43	5	20.03	5		5		5	
1/4	2,126.72	1/4	1,769.70	1/4	1,412.68	1/4	1,055.65	1/4	699.01	1/4	342.00	1/4	16.36	1/4		1/4		1/4	
1/2	2,119.29	1/2	1,762.26	1/2	1,405.24	1/2	1,048.21	1/2	691.57	1/2	334.56	1/2		1/2		1/2		1/2	
3/4	2,111.85	3/4	1,754.82	3/4	1,397.80	3/4	1,040.78	3/4	684.14	3/4	327.12	3/4		3/4		3/4		3/4	
6	2,104.41	6	1,747.39	6	1,390.36	6	1,033.34	6	676.70	6	319.68	6		6		6		6	
1/4	2,096.97	1/4	1,739.95	1/4	1,382.92	1/4	1,025.90	1/4	669.26	1/4	312.25	1/4		1/4		1/4		1/4	
1/2	2,089.53	1/2	1,732.51	1/2	1,375.49	1/2	1,018.47	1/2	661.82	1/2	304.81	1/2		1/2		1/2		1/2	
3/4	2,082.10	3/4	1,725.07	3/4	1,368.05	3/4	1,011.05	3/4	654.38	3/4	297.37	3/4		3/4		3/4		3/4	
7	2,074.66	7	1,717.63	7	1,360.61	7	1,003.62	7	646.95	7	289.93	7		7		7		7	
1/4	2,067.22	1/4	1,710.20	1/4	1,353.17	1/4	996.20	1/4	639.51	1/4	282.49	1/4		1/4		1/4		1/4	
1/2	2,059.78	1/2	1,702.76	1/2	1,345.73	1/2	988.77	1/2	632.07	1/2	275.06	1/2		1/2		1/2		1/2	
3/4	2,052.34	3/4	1,695.32	3/4	1,338.30	3/4	981.34	3/4	624.63	3/4	267.62	3/4		3/4		3/4		3/4	
8	2,044.91	8	1,687.88	8	1,330.86	8	973.92	8	617.20	8	260.18	8		8		8		8	
1/4	2,037.47	1/4	1,680.44	1/4	1,323.42	1/4	966.49	1/4	609.76	1/4	252.74	1/4		1/4		1/4		1/4	
1/2	2,030.03	1/2	1,673.01	1/2	1,315.98	1/2	959.07	1/2	602.32	1/2	245.31	1/2		1/2		1/2		1/2	
3/4	2,022.59	3/4	1,665.57	3/4	1,308.54	3/4	951.64	3/4	594.88	3/4	237.87	3/4		3/4		3/4		3/4	
9	2,015.15	9	1,658.13	9	1,301.11	9	944.21	9	587.44	9	230.43	9		9		9		9	
1/4	2,007.72	1/4	1,650.69	1/4	1,293.67	1/4	936.79	1/4	580.01	1/4	222.99	1/4		1/4		1/4		1/4	
1/2	2,000.28	1/2	1,643.25	1/2	1,286.23	1/2	929.36	1/2	572.57	1/2	215.55	1/2		1/2		1/2		1/2	
3/4	1,992.84	3/4	1,635.82	3/4	1,278.79	3/4	921.93	3/4	565.13	3/4	208.12	3/4		3/4		3/4		3/4	
10	1,985.40	10	1,628.38	10	1,271.35	10	914.51	10	557.69	10	200.68	10		10		10		10	
1/4	1,977.96	1/4	1,620.94	1/4	1,263.92	1/4	907.08	1/4	550.26	1/4	193.24	1/4		1/4		1/4		1/4	
1/2	1,970.53	1/2	1,613.50	1/2	1,256.48	1/2	899.66	1/2	542.82	1/2	185.80	1/2		1/2		1/2		1/2	
3/4	1,963.09	3/4	1,606.06	3/4	1,249.04	3/4	892.23	3/4	535.38	3/4	178.37	3/4		3/4		3/4		3/4	
11	1,955.65	11	1,598.63	11	1,241.60	11	884.80	11	527.94	11	170.93	11		11		11		11	
1/4	1,948.21	1/4	1,591.19	1/4	1,234.16	1/4	877.38	1/4	520.50	1/4	163.49	1/4		1/4		1/4		1/4	
1/2	1,940.77	1/2	1,583.75	1/2	1,226.73	1/2	869.95	1/2	513.07	1/2	156.05	1/2		1/2		1/2		1/2	
3/4	1,933.34	3/4	1,576.31	3/4	1,219.29	3/4	862.53	3/4	505.63	3/4	148.61	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2014 CL
CALCULATED: 12/04/2014 CL
PRINTED: 12/04/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
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