



BARGE "KIRBY 11327"

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 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(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 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 155'-03"

January 17, 2008

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



BARGE "KIRBY 11327"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 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	3,408.42	0	3,187.38	0	2,966.39	0	2,745.40	0	2,507.24	0	2,252.03	0	1,996.83
1/4		1/4		1/4		1/4	3,403.82	1/4	3,182.78	1/4	2,961.78	1/4	2,740.80	1/4	2,501.92	1/4	2,246.72	1/4	1,991.51
1/2		1/2		1/2		1/2	3,399.21	1/2	3,178.17	1/2	2,957.18	1/2	2,736.19	1/2	2,496.61	1/2	2,241.40	1/2	1,986.19
3/4		3/4		3/4		3/4	3,394.61	3/4	3,173.57	3/4	2,952.58	3/4	2,731.59	3/4	2,491.29	3/4	2,236.08	3/4	1,980.88
1		1		1		1	3,390.00	1	3,168.96	1	2,947.97	1	2,726.98	1	2,485.97	1	2,230.77	1	1,975.56
1/4		1/4		1/4		1/4	3,385.40	1/4	3,164.36	1/4	2,943.37	1/4	2,722.38	1/4	2,480.66	1/4	2,225.45	1/4	1,970.24
1/2		1/2		1/2		1/2	3,380.79	1/2	3,159.75	1/2	2,938.76	1/2	2,717.78	1/2	2,475.34	1/2	2,220.13	1/2	1,964.93
3/4		3/4		3/4		3/4	3,376.19	3/4	3,155.15	3/4	2,934.16	3/4	2,713.17	3/4	2,470.02	3/4	2,214.82	3/4	1,959.61
2		2		2		2	3,371.58	2	3,150.54	2	2,929.56	2	2,708.57	2	2,464.71	2	2,209.50	2	1,954.29
1/4		1/4		1/4		1/4	3,366.98	1/4	3,145.94	1/4	2,924.95	1/4	2,703.97	1/4	2,459.39	1/4	2,204.18	1/4	1,948.98
1/2		1/2		1/2		1/2	3,362.37	1/2	3,141.34	1/2	2,920.35	1/2	2,699.36	1/2	2,454.07	1/2	2,198.87	1/2	1,943.66
3/4		3/4		3/4		3/4	3,357.77	3/4	3,136.73	3/4	2,915.74	3/4	2,694.76	3/4	2,448.75	3/4	2,193.55	3/4	1,938.34
3		3		3		3	3,353.16	3	3,132.13	3	2,911.14	3	2,690.15	3	2,444.44	3	2,188.23	3	1,933.03
1/4		1/4		1/4		1/4	3,348.56	1/4	3,127.52	1/4	2,906.54	1/4	2,685.55	1/4	2,438.12	1/4	2,182.91	1/4	1,927.71
1/2		1/2		1/2		1/2	3,343.95	1/2	3,122.92	1/2	2,901.93	1/2	2,680.95	1/2	2,432.80	1/2	2,177.60	1/2	1,922.39
3/4		3/4		3/4		3/4	3,339.35	3/4	3,118.32	3/4	2,897.33	3/4	2,676.34	3/4	2,427.49	3/4	2,172.28	3/4	1,917.07
4		4		4		4	3,334.74	4	3,113.71	4	2,892.73	4	2,671.74	4	2,422.17	4	2,166.96	4	1,911.76
1/4		1/4		1/4		1/4	3,330.14	1/4	3,109.11	1/4	2,888.12	1/4	2,667.13	1/4	2,416.85	1/4	2,161.65	1/4	1,906.44
1/2		1/2		1/2		1/2	3,325.53	1/2	3,104.50	1/2	2,883.52	1/2	2,662.53	1/2	2,411.54	1/2	2,156.33	1/2	1,901.12
3/4		3/4		3/4		3/4	3,320.93	3/4	3,099.90	3/4	2,878.91	3/4	2,657.93	3/4	2,406.22	3/4	2,151.01	3/4	1,895.81
5		5		5		5	3,316.32	5	3,095.30	5	2,874.31	5	2,653.32	5	2,400.90	5	2,145.70	5	1,890.49
1/4		1/4		1/4		1/4	3,311.72	1/4	3,090.69	1/4	2,869.71	1/4	2,648.72	1/4	2,395.59	1/4	2,140.38	1/4	1,885.17
1/2		1/2		1/2		1/2	3,307.11	1/2	3,086.09	1/2	2,865.10	1/2	2,644.93	1/2	2,390.27	1/2	2,135.06	1/2	1,879.86
3/4		3/4		3/4		3/4	3,302.51	3/4	3,081.49	3/4	2,860.50	3/4	2,639.15	3/4	2,384.95	3/4	2,129.75	3/4	1,874.54
6		6		6		6	3,297.90	6	3,076.88	6	2,855.89	6	2,634.36	6	2,379.64	6	2,124.43	6	1,869.22
1/4		1/4		1/4		1/4	3,293.30	1/4	3,072.28	1/4	2,851.29	1/4	2,629.58	1/4	2,374.32	1/4	2,119.11	1/4	1,863.91
1/2		1/2		1/2		1/2	3,288.69	1/2	3,067.67	1/2	2,846.69	1/2	2,624.25	1/2	2,369.00	1/2	2,113.80	1/2	1,858.59
3/4		3/4		3/4		3/4	3,284.09	3/4	3,063.07	3/4	2,842.08	3/4	2,618.93	3/4	2,363.69	3/4	2,108.48	3/4	1,853.27
7		7		7	3,477.22	7	3,279.48	7	3,058.47	7	2,837.48	7	2,613.60	7	2,358.37	7	2,103.16	7	1,847.96
1/4		1/4		1/4	3,477.00	1/4	3,274.88	1/4	3,053.86	1/4	2,832.87	1/4	2,608.27	1/4	2,353.05	1/4	2,097.85	1/4	1,842.64
1/2		1/2		1/2	3,475.67	1/2	3,270.27	1/2	3,049.26	1/2	2,828.27	1/2	2,602.95	1/2	2,347.74	1/2	2,092.53	1/2	1,837.32
3/4		3/4		3/4	3,474.34	3/4	3,265.67	3/4	3,044.65	3/4	2,823.67	3/4	2,597.63	3/4	2,342.42	3/4	2,087.21	3/4	1,832.01
8		8		8	3,473.00	8	3,261.06	8	3,040.05	8	2,819.06	8	2,592.31	8	2,337.10	8	2,081.90	8	1,826.69
1/4		1/4		1/4	3,471.67	1/4	3,256.46	1/4	3,035.45	1/4	2,814.46	1/4	2,586.99	1/4	2,331.79	1/4	2,076.58	1/4	1,821.37
1/2		1/2		1/2	3,468.56	1/2	3,251.85	1/2	3,030.84	1/2	2,809.86	1/2	2,581.67	1/2	2,326.47	1/2	2,071.26	1/2	1,816.06
3/4		3/4		3/4	3,465.46	3/4	3,247.25	3/4	3,026.24	3/4	2,805.25	3/4	2,576.36	3/4	2,321.15	3/4	2,065.95	3/4	1,810.74
9		9		9	3,462.35	9	3,242.64	9	3,021.63	9	2,800.65	9	2,571.04	9	2,315.83	9	2,060.63	9	1,805.42
1/4		1/4		1/4	3,459.24	1/4	3,238.04	1/4	3,017.03	1/4	2,796.04	1/4	2,565.72	1/4	2,310.52	1/4	2,055.31	1/4	1,800.11
1/2		1/2		1/2	3,454.59	1/2	3,233.43	1/2	3,012.43	1/2	2,791.44	1/2	2,560.41	1/2	2,305.20	1/2	2,049.99	1/2	1,794.79
3/4		3/4		3/4	3,449.95	3/4	3,228.83	3/4	3,007.82	3/4	2,786.84	3/4	2,555.09	3/4	2,299.88	3/4	2,044.68	3/4	1,789.47
10		10		10	3,445.30	10	3,224.22	10	3,003.22	10	2,782.23	10	2,549.77	10	2,294.57	10	2,039.36	10	1,784.15
1/4		1/4		1/4	3,440.66	1/4	3,219.62	1/4	2,998.62	1/4	2,777.63	1/4	2,544.46	1/4	2,289.25	1/4	2,034.04	1/4	1,778.84
1/2		1/2		1/2	3,436.05	1/2	3,215.01	1/2	2,994.01	1/2	2,773.02	1/2	2,539.14	1/2	2,283.93	1/2	2,028.73	1/2	1,773.52
3/4		3/4		3/4	3,431.45	3/4	3,210.41	3/4	2,989.41	3/4	2,768.42	3/4	2,533.82	3/4	2,278.62	3/4	2,023.41	3/4	1,768.20
11		11		11	3,426.84	11	3,205.80	11	2,984.80	11	2,763.82	11	2,528.51	11	2,273.30	11	2,018.09	11	1,762.89
1/4		1/4		1/4	3,422.24	1/4	3,201.20	1/4	2,980.20	1/4	2,759.21	1/4	2,523.19	1/4	2,267.98	1/4	2,012.78	1/4	1,757.57
1/2		1/2		1/2	3,417.63	1/2	3,196.59	1/2	2,975.60	1/2	2,754.61	1/2	2,517.87	1/2	2,262.67	1/2	2,007.46	1/2	1,752.25
3/4		3/4		3/4	3,413.03	3/4	3,191.99	3/4	2,970.99	3/4	2,750.00	3/4	2,512.56	3/4	2,257.35	3/4	2,002.14	3/4	1,746.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 11327"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,741.62	0	1,487.05	0	1,232.29	0	977.21	0	723.11	0	471.85	0	217.84	0	1.35	0		0	
1/4	1,736.30	1/4	1,481.75	1/4	1,226.98	1/4	971.90	1/4	717.89	1/4	466.59	1/4	212.51	1/4	0.46	1/4		1/4	
1/2	1,730.99	1/2	1,476.46	1/2	1,221.67	1/2	966.58	1/2	712.67	1/2	461.33	1/2	207.19	1/2		1/2		1/2	
3/4	1,725.67	3/4	1,471.17	3/4	1,216.35	3/4	961.27	3/4	707.45	3/4	456.08	3/4	201.86	3/4		3/4		3/4	
1	1,720.35	1	1,465.88	1	1,211.04	1	955.96	1	702.23	1	450.82	1	196.53	1		1		1	
1/4	1,715.04	1/4	1,460.59	1/4	1,205.72	1/4	950.64	1/4	697.01	1/4	445.56	1/4	191.21	1/4		1/4		1/4	
1/2	1,709.72	1/2	1,455.30	1/2	1,200.41	1/2	945.33	1/2	691.79	1/2	440.30	1/2	185.88	1/2		1/2		1/2	
3/4	1,704.40	3/4	1,450.01	3/4	1,195.09	3/4	940.01	3/4	686.57	3/4	435.05	3/4	180.55	3/4		3/4		3/4	
2	1,699.09	2	1,444.71	2	1,189.78	2	934.70	2	681.35	2	429.79	2	175.22	2		2		2	
1/4	1,693.77	1/4	1,439.42	1/4	1,184.47	1/4	929.38	1/4	676.13	1/4	424.53	1/4	169.90	1/4		1/4		1/4	
1/2	1,688.45	1/2	1,434.13	1/2	1,179.15	1/2	924.07	1/2	670.91	1/2	419.28	1/2	164.57	1/2		1/2		1/2	
3/4	1,683.14	3/4	1,428.84	3/4	1,173.84	3/4	918.76	3/4	665.69	3/4	414.02	3/4	159.24	3/4		3/4		3/4	
3	1,677.82	3	1,423.55	3	1,168.52	3	913.44	3	660.47	3	408.76	3	153.92	3		3		3	
1/4	1,672.50	1/4	1,418.26	1/4	1,163.21	1/4	908.13	1/4	655.25	1/4	403.50	1/4	148.59	1/4		1/4		1/4	
1/2	1,667.19	1/2	1,412.95	1/2	1,157.89	1/2	902.81	1/2	650.03	1/2	398.25	1/2	143.26	1/2		1/2		1/2	
3/4	1,661.87	3/4	1,407.65	3/4	1,152.58	3/4	897.50	3/4	644.81	3/4	392.99	3/4	137.93	3/4		3/4		3/4	
4	1,656.55	4	1,402.35	4	1,147.27	4	892.18	4	639.59	4	387.73	4	132.61	4		4		4	
1/4	1,651.23	1/4	1,397.04	1/4	1,141.95	1/4	886.87	1/4	634.37	1/4	382.48	1/4	127.28	1/4		1/4		1/4	
1/2	1,645.92	1/2	1,391.73	1/2	1,136.64	1/2	881.56	1/2	629.15	1/2	377.22	1/2	121.95	1/2		1/2		1/2	
3/4	1,640.60	3/4	1,386.41	3/4	1,131.32	3/4	876.24	3/4	623.93	3/4	371.96	3/4	116.63	3/4		3/4		3/4	
5	1,635.28	5	1,381.09	5	1,126.01	5	870.93	5	618.71	5	366.70	5	111.30	5		5		5	
1/4	1,629.97	1/4	1,375.78	1/4	1,120.70	1/4	865.61	1/4	613.49	1/4	361.45	1/4	105.97	1/4		1/4		1/4	
1/2	1,624.66	1/2	1,370.46	1/2	1,115.38	1/2	860.30	1/2	608.27	1/2	356.13	1/2	100.87	1/2		1/2		1/2	
3/4	1,619.36	3/4	1,365.15	3/4	1,110.07	3/4	854.99	3/4	603.05	3/4	350.81	3/4	95.76	3/4		3/4		3/4	
6	1,614.06	6	1,359.83	6	1,104.75	6	849.67	6	597.83	6	345.49	6	90.66	6		6		6	
1/4	1,608.75	1/4	1,354.52	1/4	1,099.44	1/4	844.36	1/4	592.61	1/4	340.18	1/4	85.55	1/4		1/4		1/4	
1/2	1,603.46	1/2	1,349.21	1/2	1,094.12	1/2	839.04	1/2	587.39	1/2	334.86	1/2	80.78	1/2		1/2		1/2	
3/4	1,598.17	3/4	1,343.89	3/4	1,088.81	3/4	833.73	3/4	582.17	3/4	329.54	3/4	76.00	3/4		3/4		3/4	
7	1,592.88	7	1,338.58	7	1,083.50	7	828.41	7	576.95	7	324.22	7	71.23	7		7		7	
1/4	1,587.58	1/4	1,333.26	1/4	1,078.18	1/4	823.10	1/4	571.73	1/4	318.91	1/4	66.46	1/4		1/4		1/4	
1/2	1,582.29	1/2	1,327.95	1/2	1,072.87	1/2	817.79	1/2	566.47	1/2	313.59	1/2	62.03	1/2		1/2		1/2	
3/4	1,577.00	3/4	1,322.63	3/4	1,067.55	3/4	812.47	3/4	561.22	3/4	308.27	3/4	57.60	3/4		3/4		3/4	
8	1,571.71	8	1,317.32	8	1,062.24	8	807.16	8	555.96	8	302.95	8	53.18	8		8		8	
1/4	1,566.42	1/4	1,312.01	1/4	1,056.92	1/4	801.84	1/4	550.70	1/4	297.64	1/4	48.75	1/4		1/4		1/4	
1/2	1,561.13	1/2	1,306.69	1/2	1,051.61	1/2	796.59	1/2	545.45	1/2	292.32	1/2	44.67	1/2		1/2		1/2	
3/4	1,555.84	3/4	1,301.38	3/4	1,046.30	3/4	791.33	3/4	540.19	3/4	287.00	3/4	40.58	3/4		3/4		3/4	
9	1,550.54	9	1,296.06	9	1,040.98	9	786.07	9	534.93	9	281.68	9	36.50	9		9		9	
1/4	1,545.25	1/4	1,290.75	1/4	1,035.67	1/4	780.82	1/4	529.67	1/4	276.37	1/4	32.42	1/4		1/4		1/4	
1/2	1,539.96	1/2	1,285.44	1/2	1,030.35	1/2	775.56	1/2	524.42	1/2	271.05	1/2	27.98	1/2		1/2		1/2	
3/4	1,534.67	3/4	1,280.12	3/4	1,025.04	3/4	770.31	3/4	519.16	3/4	265.73	3/4	23.54	3/4		3/4		3/4	
10	1,529.38	10	1,274.81	10	1,019.73	10	765.05	10	513.90	10	260.41	10	19.10	10		10		10	
1/4	1,524.09	1/4	1,269.49	1/4	1,014.41	1/4	759.79	1/4	508.65	1/4	255.10	1/4	14.66	1/4		1/4		1/4	
1/2	1,518.80	1/2	1,264.18	1/2	1,009.10	1/2	754.54	1/2	503.39	1/2	249.78	1/2	12.00	1/2		1/2		1/2	
3/4	1,513.50	3/4	1,258.86	3/4	1,003.78	3/4	749.28	3/4	498.13	3/4	244.46	3/4	9.33	3/4		3/4		3/4	
11	1,508.21	11	1,253.55	11	998.47	11	744.03	11	492.88	11	239.14	11	6.67	11		11		11	
1/4	1,502.92	1/4	1,248.24	1/4	993.15	1/4	738.77	1/4	487.62	1/4	233.82	1/4	4.01	1/4		1/4		1/4	
1/2	1,497.63	1/2	1,242.92	1/2	987.84	1/2	733.55	1/2	482.36	1/2	228.50	1/2	3.12	1/2		1/2		1/2	
3/4	1,492.34	3/4	1,237.61	3/4	982.53	3/4	728.33	3/4	477.10	3/4	223.17	3/4	2.23	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "KIRBY 11327"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 3/8"

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	3,527.84	0	3,273.75	0	3,019.66	0	2,765.56	0	2,511.47	0	2,257.38	0	2,003.28		
1/4		1/4		1/4		1/4	3,522.55	1/4	3,268.45	1/4	3,014.36	1/4	2,760.27	1/4	2,506.18	1/4	2,252.08	1/4	1,997.99		
1/2		1/2		1/2		1/2	3,517.25	1/2	3,263.16	1/2	3,009.07	1/2	2,754.98	1/2	2,500.88	1/2	2,246.79	1/2	1,992.70		
3/4		3/4		3/4		3/4	3,511.96	3/4	3,257.87	3/4	3,003.77	3/4	2,749.68	3/4	2,495.59	3/4	2,241.50	3/4	1,987.40		
1		1		1		1	3,506.67	1	3,252.57	1	2,998.48	1	2,744.39	1	2,490.30	1	2,236.20	1	1,982.11		
1/4		1/4		1/4		1/4	3,501.37	1/4	3,247.28	1/4	2,993.19	1/4	2,739.09	1/4	2,485.00	1/4	2,230.91	1/4	1,976.82		
1/2		1/2		1/2		1/2	3,496.08	1/2	3,241.99	1/2	2,987.89	1/2	2,733.80	1/2	2,479.71	1/2	2,225.62	1/2	1,971.52		
3/4		3/4		3/4		3/4	3,490.79	3/4	3,236.69	3/4	2,982.60	3/4	2,728.51	3/4	2,474.41	3/4	2,220.32	3/4	1,966.23		
2		2		2		2	3,485.49	2	3,231.40	2	2,977.31	2	2,723.21	2	2,469.12	2	2,215.03	2	1,960.94		
1/4		1/4		1/4		1/4	3,480.20	1/4	3,226.11	1/4	2,972.01	1/4	2,717.92	1/4	2,463.83	1/4	2,209.73	1/4	1,955.64		
1/2		1/2		1/2		1/2	3,474.90	1/2	3,220.81	1/2	2,966.72	1/2	2,712.63	1/2	2,458.53	1/2	2,204.44	1/2	1,950.35		
3/4		3/4		3/4		3/4	3,469.61	3/4	3,215.52	3/4	2,961.43	3/4	2,707.33	3/4	2,453.24	3/4	2,199.15	3/4	1,945.05		
3		3		3		3	3,464.32	3	3,210.22	3	2,956.13	3	2,702.04	3	2,447.95	3	2,193.85	3	1,939.76		
1/4		1/4		1/4		1/4	3,459.02	1/4	3,204.93	1/4	2,950.84	1/4	2,696.75	1/4	2,442.65	1/4	2,188.56	1/4	1,934.47		
1/2		1/2		1/2		1/2	3,453.73	1/2	3,199.64	1/2	2,945.54	1/2	2,691.45	1/2	2,437.36	1/2	2,183.27	1/2	1,929.17		
3/4		3/4		3/4		3/4	3,448.44	3/4	3,194.34	3/4	2,940.25	3/4	2,686.16	3/4	2,432.07	3/4	2,177.97	3/4	1,923.88		
4		4		4		4	3,443.14	4	3,189.05	4	2,934.96	4	2,680.86	4	2,426.77	4	2,172.68	4	1,918.59		
1/4		1/4		1/4		1/4	3,437.85	1/4	3,183.76	1/4	2,929.66	1/4	2,675.57	1/4	2,421.48	1/4	2,167.39	1/4	1,913.29		
1/2		1/2		1/2		1/2	3,432.56	1/2	3,178.46	1/2	2,924.37	1/2	2,670.28	1/2	2,416.18	1/2	2,162.09	1/2	1,908.00		
3/4		3/4		3/4		3/4	3,427.26	3/4	3,173.17	3/4	2,919.08	3/4	2,664.98	3/4	2,410.89	3/4	2,156.80	3/4	1,902.71		
5		5		5		5	3,421.97	5	3,167.88	5	2,913.78	5	2,659.69	5	2,405.60	5	2,151.50	5	1,897.41		
1/4		1/4		1/4		1/4	3,416.68	1/4	3,162.58	1/4	2,908.49	1/4	2,654.40	1/4	2,400.30	1/4	2,146.21	1/4	1,892.12		
1/2		1/2		1/2		1/2	3,411.38	1/2	3,157.29	1/2	2,903.20	1/2	2,649.10	1/2	2,395.01	1/2	2,140.92	1/2	1,886.82		
3/4		3/4		3/4		3/4	3,406.09	3/4	3,152.00	3/4	2,897.90	3/4	2,643.81	3/4	2,389.72	3/4	2,135.62	3/4	1,881.53		
6		6		6		6	3,400.79	6	3,146.70	6	2,892.61	6	2,638.52	6	2,384.42	6	2,130.33	6	1,876.24		
1/4		1/4		1/4		1/4	3,395.50	1/4	3,141.41	1/4	2,887.32	1/4	2,633.22	1/4	2,379.13	1/4	2,125.04	1/4	1,870.94		
1/2		1/2		1/2		1/2	3,390.21	1/2	3,136.11	1/2	2,882.02	1/2	2,627.93	1/2	2,373.84	1/2	2,119.74	1/2	1,865.65		
3/4		3/4		3/4		3/4	3,384.91	3/4	3,130.82	3/4	2,876.73	3/4	2,622.64	3/4	2,368.54	3/4	2,114.45	3/4	1,860.36		
7		7		7	1/8	3,599.29	7	3,379.62	7	3,125.53	7	2,871.43	7	2,617.34	7	2,363.25	7	2,109.16	7	1,855.06	
1/4		1/4		1/4		1/4	3,599.18	1/4	3,374.33	1/4	3,120.23	1/4	2,866.14	1/4	2,612.05	1/4	2,357.96	1/4	2,103.86	1/4	1,849.77
1/2		1/2		1/2		1/2	3,598.41	1/2	3,369.03	1/2	3,114.94	1/2	2,860.85	1/2	2,606.75	1/2	2,352.66	1/2	2,098.57	1/2	1,844.48
3/4		3/4		3/4		3/4	3,597.08	3/4	3,363.74	3/4	3,109.65	3/4	2,855.55	3/4	2,601.46	3/4	2,347.37	3/4	2,093.28	3/4	1,839.18
8		8		8		8	3,595.76	8	3,358.45	8	3,104.35	8	2,850.26	8	2,596.17	8	2,342.07	8	2,087.98	8	1,833.89
1/4		1/4		1/4		1/4	3,594.44	1/4	3,353.15	1/4	3,099.06	1/4	2,844.97	1/4	2,590.87	1/4	2,336.78	1/4	2,082.69	1/4	1,828.60
1/2		1/2		1/2		1/2	3,592.23	1/2	3,347.86	1/2	3,093.77	1/2	2,839.67	1/2	2,585.58	1/2	2,331.49	1/2	2,077.39	1/2	1,823.30
3/4		3/4		3/4		3/4	3,589.14	3/4	3,342.56	3/4	3,088.47	3/4	2,834.38	3/4	2,580.29	3/4	2,326.19	3/4	2,072.10	3/4	1,818.01
9		9		9		9	3,586.06	9	3,337.27	9	3,083.18	9	2,829.09	9	2,574.99	9	2,320.90	9	2,066.81	9	1,812.71
1/4		1/4		1/4		1/4	3,582.97	1/4	3,331.98	1/4	3,077.88	1/4	2,823.79	1/4	2,569.70	1/4	2,315.61	1/4	2,061.51	1/4	1,807.42
1/2		1/2		1/2		1/2	3,579.02	1/2	3,326.68	1/2	3,072.59	1/2	2,818.50	1/2	2,564.41	1/2	2,310.31	1/2	2,056.22	1/2	1,802.13
3/4		3/4		3/4		3/4	3,574.22	3/4	3,321.39	3/4	3,067.30	3/4	2,813.20	3/4	2,559.11	3/4	2,305.02	3/4	2,050.93	3/4	1,796.83
10		10		10		10	3,569.42	10	3,316.10	10	3,062.00	10	2,807.91	10	2,553.82	10	2,299.73	10	2,045.63	10	1,791.54
1/4		1/4		1/4		1/4	3,564.62	1/4	3,310.80	1/4	3,056.71	1/4	2,802.62	1/4	2,548.52	1/4	2,294.43	1/4	2,040.34	1/4	1,786.25
1/2		1/2		1/2		1/2	3,559.60	1/2	3,305.51	1/2	3,051.42	1/2	2,797.32	1/2	2,543.23	1/2	2,289.14	1/2	2,035.05	1/2	1,780.95
3/4		3/4		3/4		3/4	3,554.31	3/4	3,300.22	3/4	3,046.12	3/4	2,792.03	3/4	2,537.94	3/4	2,283.84	3/4	2,029.75	3/4	1,775.66
11		11		11		11	3,549.02	11	3,294.92	11	3,040.83	11	2,786.74	11	2,532.64	11	2,278.55	11	2,024.46	11	1,770.37
1/4		1/4		1/4		1/4	3,543.72	1/4	3,289.63	1/4	3,035.54	1/4	2,781.44	1/4	2,527.35	1/4	2,273.26	1/4	2,019.16	1/4	1,765.07
1/2		1/2		1/2		1/2	3,538.43	1/2	3,284.34	1/2	3,030.24	1/2	2,776.15	1/2	2,522.06	1/2	2,267.96	1/2	2,013.87	1/2	1,759.78
3/4		3/4		3/4		3/4	3,533.13	3/4	3,279.04	3/4	3,024.95	3/4	2,770.86	3/4	2,516.76	3/4	2,262.67	3/4	2,008.58	3/4	1,754.48

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 ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 11327"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 3/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,749.19	0	1,495.10	0	1,241.01	0	986.91	0	733.86	0	483.22	0	230.69	0	1.78	0		0	
1/4	1,743.90	1/4	1,489.80	1/4	1,235.71	1/4	981.62	1/4	728.63	1/4	478.00	1/4	225.40	1/4	0.90	1/4		1/4	
1/2	1,738.60	1/2	1,484.51	1/2	1,230.42	1/2	976.33	1/2	723.41	1/2	472.78	1/2	220.11	3/8	0.46	1/2		1/2	
3/4	1,733.31	3/4	1,479.22	3/4	1,225.12	3/4	971.03	3/4	718.19	3/4	467.56	3/4	214.82	3/4		3/4		3/4	
1	1,728.02	1	1,473.92	1	1,219.83	1	965.74	1	712.97	1	462.33	1	209.52	1		1		1	
1/4	1,722.72	1/4	1,468.63	1/4	1,214.54	1/4	960.44	1/4	707.75	1/4	457.11	1/4	204.23	1/4		1/4		1/4	
1/2	1,717.43	1/2	1,463.34	1/2	1,209.24	1/2	955.15	1/2	702.53	1/2	451.89	1/2	198.94	1/2		1/2		1/2	
3/4	1,712.14	3/4	1,458.04	3/4	1,203.95	3/4	949.86	3/4	697.31	3/4	446.67	3/4	193.64	3/4		3/4		3/4	
2	1,706.84	2	1,452.75	2	1,198.66	2	944.56	2	692.08	2	441.45	2	188.35	2		2		2	
1/4	1,701.55	1/4	1,447.46	1/4	1,193.36	1/4	939.27	1/4	686.86	1/4	436.23	1/4	183.06	1/4		1/4		1/4	
1/2	1,696.26	1/2	1,442.16	1/2	1,188.07	1/2	933.98	1/2	681.64	1/2	431.00	1/2	177.77	1/2		1/2		1/2	
3/4	1,690.96	3/4	1,436.87	3/4	1,182.78	3/4	928.68	3/4	676.42	3/4	425.78	3/4	172.47	3/4		3/4		3/4	
3	1,685.67	3	1,431.58	3	1,177.48	3	923.39	3	671.20	3	420.56	3	167.18	3		3		3	
1/4	1,680.37	1/4	1,426.28	1/4	1,172.19	1/4	918.10	1/4	665.98	1/4	415.34	1/4	161.89	1/4		1/4		1/4	
1/2	1,675.08	1/2	1,420.99	1/2	1,166.90	1/2	912.80	1/2	660.76	1/2	410.12	1/2	156.59	1/2		1/2		1/2	
3/4	1,669.79	3/4	1,415.69	3/4	1,161.60	3/4	907.51	3/4	655.53	3/4	404.89	3/4	151.30	3/4		3/4		3/4	
4	1,664.49	4	1,410.40	4	1,156.31	4	902.22	4	650.31	4	399.67	4	146.01	4		4		4	
1/4	1,659.20	1/4	1,405.11	1/4	1,151.01	1/4	896.92	1/4	645.09	1/4	394.45	1/4	140.72	1/4		1/4		1/4	
1/2	1,653.91	1/2	1,399.81	1/2	1,145.72	1/2	891.63	1/2	639.87	1/2	389.23	1/2	135.42	1/2		1/2		1/2	
3/4	1,648.61	3/4	1,394.52	3/4	1,140.43	3/4	886.33	3/4	634.65	3/4	384.01	3/4	130.13	3/4		3/4		3/4	
5	1,643.32	5	1,389.23	5	1,135.13	5	881.04	5	629.43	5	378.79	5	124.84	5		5		5	
1/4	1,638.03	1/4	1,383.93	1/4	1,129.84	1/4	875.75	1/4	624.21	1/4	373.56	1/4	119.54	1/4		1/4		1/4	
1/2	1,632.73	1/2	1,378.64	1/2	1,124.55	1/2	870.45	1/2	618.98	1/2	368.31	1/2	114.25	1/2		1/2		1/2	
3/4	1,627.44	3/4	1,373.35	3/4	1,119.25	3/4	865.16	3/4	613.76	3/4	363.02	3/4	108.96	3/4		3/4		3/4	
6	1,622.14	6	1,368.05	6	1,113.96	6	859.87	6	608.54	6	357.72	6	103.66	6		6		6	
1/4	1,616.85	1/4	1,362.76	1/4	1,108.67	1/4	854.57	1/4	603.32	1/4	352.43	1/4	98.37	1/4		1/4		1/4	
1/2	1,611.56	1/2	1,357.46	1/2	1,103.37	1/2	849.28	1/2	598.10	1/2	347.14	1/2	93.08	1/2		1/2		1/2	
3/4	1,606.26	3/4	1,352.17	3/4	1,098.08	3/4	843.99	3/4	592.88	3/4	341.85	3/4	87.79	3/4		3/4		3/4	
7	1,600.97	7	1,346.88	7	1,092.78	7	838.69	7	587.66	7	336.55	7	82.49	7		7		7	
1/4	1,595.68	1/4	1,341.58	1/4	1,087.49	1/4	833.40	1/4	582.43	1/4	331.26	1/4	77.20	1/4		1/4		1/4	
1/2	1,590.38	1/2	1,336.29	1/2	1,082.20	1/2	828.10	1/2	577.21	1/2	325.97	1/2	71.91	1/2		1/2		1/2	
3/4	1,585.09	3/4	1,331.00	3/4	1,076.90	3/4	822.81	3/4	571.99	3/4	320.67	3/4	66.61	3/4		3/4		3/4	
8	1,579.80	8	1,325.70	8	1,071.61	8	817.52	8	566.77	8	315.38	8	61.32	8		8		8	
1/4	1,574.50	1/4	1,320.41	1/4	1,066.32	1/4	812.22	1/4	561.55	1/4	310.09	1/4	56.03	1/4		1/4		1/4	
1/2	1,569.21	1/2	1,315.12	1/2	1,061.02	1/2	806.97	1/2	556.33	1/2	304.80	1/2	50.74	1/2		1/2		1/2	
3/4	1,563.92	3/4	1,309.82	3/4	1,055.73	3/4	801.74	3/4	551.11	3/4	299.50	3/4	45.44	3/4		3/4		3/4	
9	1,558.62	9	1,304.53	9	1,050.44	9	796.52	9	545.88	9	294.21	9	40.15	9		9		9	
1/4	1,553.33	1/4	1,299.24	1/4	1,045.14	1/4	791.30	1/4	540.66	1/4	288.92	1/4	34.86	1/4		1/4		1/4	
1/2	1,548.03	1/2	1,293.94	1/2	1,039.85	1/2	786.08	1/2	535.44	1/2	283.62	1/2	30.01	1/2		1/2		1/2	
3/4	1,542.74	3/4	1,288.65	3/4	1,034.56	3/4	780.85	3/4	530.22	3/4	278.33	3/4	25.60	3/4		3/4		3/4	
10	1,537.45	10	1,283.35	10	1,029.26	10	775.63	10	525.00	10	273.04	10	21.18	10		10		10	
1/4	1,532.15	1/4	1,278.06	1/4	1,023.97	1/4	770.41	1/4	519.77	1/4	267.74	1/4	16.77	1/4		1/4		1/4	
1/2	1,526.86	1/2	1,272.77	1/2	1,018.67	1/2	765.19	1/2	514.55	1/2	262.45	1/2	13.25	1/2		1/2		1/2	
3/4	1,521.57	3/4	1,267.47	3/4	1,013.38	3/4	759.96	3/4	509.33	3/4	257.16	3/4	10.60	3/4		3/4		3/4	
11	1,516.27	11	1,262.18	11	1,008.09	11	754.74	11	504.11	11	251.87	11	7.95	11		11		11	
1/4	1,510.98	1/4	1,256.89	1/4	1,002.79	1/4	749.52	1/4	498.89	1/4	246.57	1/4	5.31	1/4		1/4		1/4	
1/2	1,505.69	1/2	1,251.59	1/2	997.50	1/2	744.30	1/2	493.67	1/2	241.28	1/2	3.54	1/2		1/2		1/2	
3/4	1,500.39	3/4	1,246.30	3/4	992.21	3/4	739.08	3/4	488.44	3/4	235.99	3/4	2.66	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008



BARGE "KIRBY 11327"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,765.02	0	3,494.03	0	3,223.05	0	2,952.06	0	2,681.08	0	2,410.10	0	2,139.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,759.37	1/4	3,488.39	1/4	3,217.40	1/4	2,946.42	1/4	2,675.43	1/4	2,404.45	1/4	2,133.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,753.73	1/2	3,482.74	1/2	3,211.76	1/2	2,940.77	1/2	2,669.79	1/2	2,398.81	1/2	2,127.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,748.08	3/4	3,477.10	3/4	3,206.11	3/4	2,935.13	3/4	2,664.14	3/4	2,393.16	3/4	2,122.18
1		1		1		1	3,742.43	1	3,471.45	1	3,200.47	1	2,929.48	1	2,658.50	1	2,387.51	1	2,116.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,736.79	1/4	3,465.80	1/4	3,194.82	1/4	2,923.84	1/4	2,652.85	1/4	2,381.87	1/4	2,110.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,731.14	1/2	3,460.16	1/2	3,189.18	1/2	2,918.19	1/2	2,647.21	1/2	2,376.22	1/2	2,105.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,725.50	3/4	3,454.51	3/4	3,183.53	3/4	2,912.55	3/4	2,641.56	3/4	2,370.58	3/4	2,099.59
2		2		2		2	3,719.85	2	3,448.87	2	3,177.88	2	2,906.90	2	2,635.92	2	2,364.93	2	2,093.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,714.21	1/4	3,443.22	1/4	3,172.24	1/4	2,901.25	1/4	2,630.27	1/4	2,359.29	1/4	2,088.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,708.56	1/2	3,437.58	1/2	3,166.59	1/2	2,895.61	1/2	2,624.63	1/2	2,353.64	1/2	2,082.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,702.92	3/4	3,431.93	3/4	3,160.95	3/4	2,889.96	3/4	2,618.98	3/4	2,348.00	3/4	2,077.01
3		3		3		3	3,697.27	3	3,426.29	3	3,155.30	3	2,884.32	3	2,613.33	3	2,342.35	3	2,071.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,691.62	1/4	3,420.64	1/4	3,149.66	1/4	2,878.67	1/4	2,607.69	1/4	2,336.70	1/4	2,065.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,685.98	1/2	3,415.00	1/2	3,144.01	1/2	2,873.03	1/2	2,602.04	1/2	2,331.06	1/2	2,060.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,680.33	3/4	3,409.35	3/4	3,138.37	3/4	2,867.38	3/4	2,596.40	3/4	2,325.41	3/4	2,054.43
4		4		4		4	3,674.69	4	3,403.70	4	3,132.72	4	2,861.74	4	2,590.75	4	2,319.77	4	2,048.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,669.04	1/4	3,398.06	1/4	3,127.07	1/4	2,856.09	1/4	2,585.11	1/4	2,314.12	1/4	2,043.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,663.40	1/2	3,392.41	1/2	3,121.43	1/2	2,850.45	1/2	2,579.46	1/2	2,308.48	1/2	2,037.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,657.75	3/4	3,386.77	3/4	3,115.78	3/4	2,844.80	3/4	2,573.82	3/4	2,302.83	3/4	2,031.85
5		5		5		5	3,652.11	5	3,381.12	5	3,110.14	5	2,839.15	5	2,568.17	5	2,297.19	5	2,026.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,646.46	1/4	3,375.48	1/4	3,104.49	1/4	2,833.51	1/4	2,562.52	1/4	2,291.54	1/4	2,020.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,640.82	1/2	3,369.83	1/2	3,098.85	1/2	2,827.86	1/2	2,556.88	1/2	2,285.90	1/2	2,014.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,635.17	3/4	3,364.19	3/4	3,093.20	3/4	2,822.22	3/4	2,551.23	3/4	2,280.25	3/4	2,009.27
6		6		6		6	3,629.52	6	3,358.54	6	3,087.56	6	2,816.57	6	2,545.59	6	2,274.60	6	2,003.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,623.88	1/4	3,352.89	1/4	3,081.91	1/4	2,810.93	1/4	2,539.94	1/4	2,268.96	1/4	1,997.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,618.23	1/2	3,347.25	1/2	3,076.27	1/2	2,805.28	1/2	2,534.30	1/2	2,263.31	1/2	1,992.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,612.59	3/4	3,341.60	3/4	3,070.62	3/4	2,799.64	3/4	2,528.65	3/4	2,257.67	3/4	1,986.68
7		7		7	3,844.03	7	3,606.94	7	3,335.96	7	3,064.97	7	2,793.99	7	2,523.01	7	2,252.02	7	1,981.04
1/4	1/4	1/4	1/4	1/4	3,843.80	1/4	3,601.30	1/4	3,330.31	1/4	3,059.33	1/4	2,788.34	1/4	2,517.36	1/4	2,246.38	1/4	1,975.39
1/2	1/2	1/2	1/2	1/2	3,842.39	1/2	3,595.65	1/2	3,324.67	1/2	3,053.68	1/2	2,782.70	1/2	2,511.72	1/2	2,240.73	1/2	1,969.75
3/4	3/4	3/4	3/4	3/4	3,840.98	3/4	3,590.01	3/4	3,319.02	3/4	3,048.04	3/4	2,777.05	3/4	2,506.07	3/4	2,235.09	3/4	1,964.10
8		8		8	3,839.57	8	3,584.36	8	3,313.38	8	3,042.39	8	2,771.41	8	2,500.42	8	2,229.44	8	1,958.46
1/4	1/4	1/4	1/4	1/4	3,838.15	1/4	3,578.71	1/4	3,307.73	1/4	3,036.75	1/4	2,765.76	1/4	2,494.78	1/4	2,223.79	1/4	1,952.81
1/2	1/2	1/2	1/2	1/2	3,834.86	1/2	3,573.07	1/2	3,302.09	1/2	3,031.10	1/2	2,760.12	1/2	2,489.13	1/2	2,218.15	1/2	1,947.17
3/4	3/4	3/4	3/4	3/4	3,831.57	3/4	3,567.42	3/4	3,296.44	3/4	3,025.46	3/4	2,754.47	3/4	2,483.49	3/4	2,212.50	3/4	1,941.52
9		9		9	3,828.27	9	3,561.78	9	3,290.79	9	3,019.81	9	2,748.83	9	2,477.84	9	2,206.86	9	1,935.87
1/4	1/4	1/4	1/4	1/4	3,824.98	1/4	3,556.13	1/4	3,285.15	1/4	3,014.16	1/4	2,743.18	1/4	2,472.20	1/4	2,201.21	1/4	1,930.23
1/2	1/2	1/2	1/2	1/2	3,819.87	1/2	3,550.49	1/2	3,279.50	1/2	3,008.52	1/2	2,737.54	1/2	2,466.55	1/2	2,195.57	1/2	1,924.58
3/4	3/4	3/4	3/4	3/4	3,814.76	3/4	3,544.84	3/4	3,273.86	3/4	3,002.87	3/4	2,731.89	3/4	2,460.91	3/4	2,189.92	3/4	1,918.94
10		10		10	3,809.65	10	3,539.20	10	3,268.21	10	2,997.23	10	2,726.24	10	2,455.26	10	2,184.28	10	1,913.29
1/4	1/4	1/4	1/4	1/4	3,804.53	1/4	3,533.55	1/4	3,262.57	1/4	2,991.58	1/4	2,720.60	1/4	2,449.61	1/4	2,178.63	1/4	1,907.65
1/2	1/2	1/2	1/2	1/2	3,798.89	1/2	3,527.91	1/2	3,256.92	1/2	2,985.94	1/2	2,714.95	1/2	2,443.97	1/2	2,172.99	1/2	1,902.00
3/4	3/4	3/4	3/4	3/4	3,793.24	3/4	3,522.26	3/4	3,251.28	3/4	2,980.29	3/4	2,709.31	3/4	2,438.32	3/4	2,167.34	3/4	1,896.36
11		11		11	3,787.60	11	3,516.61	11	3,245.63	11	2,974.65	11	2,703.66	11	2,432.68	11	2,161.69	11	1,890.71
1/4	1/4	1/4	1/4	1/4	3,781.95	1/4	3,510.97	1/4	3,239.98	1/4	2,969.00	1/4	2,698.02	1/4	2,427.03	1/4	2,156.05	1/4	1,885.06
1/2	1/2	1/2	1/2	1/2	3,776.31	1/2	3,505.32	1/2	3,234.34	1/2	2,963.36	1/2	2,692.37	1/2	2,421.39	1/2	2,150.40	1/2	1,879.42
3/4	3/4	3/4	3/4	3/4	3,770.66	3/4	3,499.68	3/4	3,228.69	3/4	2,957.71	3/4	2,686.73	3/4	2,415.74	3/4	2,144.76	3/4	1,873.77

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 ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 11327"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 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	1,868.13	0	1,597.14	0	1,326.16	0	1,055.18	0	784.53	0	514.15	0	243.19	0	1.40	0		0	
1/4	1,862.48	1/4	1,591.50	1/4	1,320.51	1/4	1,049.53	1/4	778.91	1/4	508.51	1/4	237.55	1/4	0.46	1/4		1/4	
1/2	1,856.84	1/2	1,585.85	1/2	1,314.87	1/2	1,043.89	1/2	773.29	1/2	502.86	1/2	231.90	1/2		1/2		1/2	
3/4	1,851.19	3/4	1,580.21	3/4	1,309.22	3/4	1,038.24	3/4	767.67	3/4	497.22	3/4	226.26	3/4		3/4		3/4	
1	1,845.55	1	1,574.56	1	1,303.58	1	1,032.59	1	762.05	1	491.57	1	220.61	1		1		1	
1/4	1,839.90	1/4	1,568.92	1/4	1,297.93	1/4	1,026.95	1/4	756.42	1/4	485.93	1/4	214.97	1/4		1/4		1/4	
1/2	1,834.26	1/2	1,563.27	1/2	1,292.29	1/2	1,021.30	1/2	750.80	1/2	480.28	1/2	209.32	1/2		1/2		1/2	
3/4	1,828.61	3/4	1,557.63	3/4	1,286.64	3/4	1,015.66	3/4	745.18	3/4	474.64	3/4	203.68	3/4		3/4		3/4	
2	1,822.96	2	1,551.98	2	1,281.00	2	1,010.01	2	739.56	2	468.99	2	198.03	2		2		2	
1/4	1,817.32	1/4	1,546.33	1/4	1,275.35	1/4	1,004.37	1/4	733.94	1/4	463.35	1/4	192.39	1/4		1/4		1/4	
1/2	1,811.67	1/2	1,540.69	1/2	1,269.71	1/2	998.72	1/2	728.31	1/2	457.70	1/2	186.74	1/2		1/2		1/2	
3/4	1,806.03	3/4	1,535.04	3/4	1,264.06	3/4	993.08	3/4	722.69	3/4	452.06	3/4	181.10	3/4		3/4		3/4	
3	1,800.38	3	1,529.40	3	1,258.41	3	987.43	3	717.07	3	446.41	3	175.45	3		3		3	
1/4	1,794.74	1/4	1,523.75	1/4	1,252.77	1/4	981.78	1/4	711.45	1/4	440.77	1/4	169.81	1/4		1/4		1/4	
1/2	1,789.09	1/2	1,518.11	1/2	1,247.12	1/2	976.14	1/2	705.83	1/2	435.12	1/2	164.16	1/2		1/2		1/2	
3/4	1,783.45	3/4	1,512.46	3/4	1,241.48	3/4	970.49	3/4	700.21	3/4	429.48	3/4	158.52	3/4		3/4		3/4	
4	1,777.80	4	1,506.82	4	1,235.83	4	964.85	4	694.58	4	423.83	4	152.87	4		4		4	
1/4	1,772.15	1/4	1,501.17	1/4	1,230.19	1/4	959.20	1/4	688.96	1/4	418.19	1/4	147.23	1/4		1/4		1/4	
1/2	1,766.51	1/2	1,495.53	1/2	1,224.54	1/2	953.56	1/2	683.34	1/2	412.54	1/2	141.58	1/2		1/2		1/2	
3/4	1,760.86	3/4	1,489.88	3/4	1,218.90	3/4	947.91	3/4	677.72	3/4	406.90	3/4	135.94	3/4		3/4		3/4	
5	1,755.22	5	1,484.23	5	1,213.25	5	942.27	5	672.10	5	401.25	5	130.29	5		5		5	
1/4	1,749.57	1/4	1,478.59	1/4	1,207.60	1/4	936.62	1/4	666.47	1/4	395.61	1/4	124.65	1/4		1/4		1/4	
1/2	1,743.93	1/2	1,472.94	1/2	1,201.96	1/2	930.98	1/2	660.85	1/2	389.96	1/2	119.00	1/2		1/2		1/2	
3/4	1,738.28	3/4	1,467.30	3/4	1,196.31	3/4	925.33	3/4	655.23	3/4	384.32	3/4	113.36	3/4		3/4		3/4	
6	1,732.64	6	1,461.65	6	1,190.67	6	919.68	6	649.61	6	378.67	6	107.71	6		6		6	
1/4	1,726.99	1/4	1,456.01	1/4	1,185.02	1/4	914.04	1/4	643.99	1/4	373.03	1/4	102.07	1/4		1/4		1/4	
1/2	1,721.35	1/2	1,450.36	1/2	1,179.38	1/2	908.39	1/2	638.34	1/2	367.38	1/2	96.42	1/2		1/2		1/2	
3/4	1,715.70	3/4	1,444.72	3/4	1,173.73	3/4	902.75	3/4	632.70	3/4	361.74	3/4	90.78	3/4		3/4		3/4	
7	1,710.05	7	1,439.07	7	1,168.09	7	897.10	7	627.05	7	356.09	7	85.13	7		7		7	
1/4	1,704.41	1/4	1,433.42	1/4	1,162.44	1/4	891.46	1/4	621.41	1/4	350.45	1/4	79.49	1/4		1/4		1/4	
1/2	1,698.76	1/2	1,427.78	1/2	1,156.80	1/2	885.81	1/2	615.76	1/2	344.80	1/2	73.84	1/2		1/2		1/2	
3/4	1,693.12	3/4	1,422.13	3/4	1,151.15	3/4	880.17	3/4	610.12	3/4	339.16	3/4	68.20	3/4		3/4		3/4	
8	1,687.47	8	1,416.49	8	1,145.50	8	874.52	8	604.47	8	333.51	8	62.55	8		8		8	
1/4	1,681.83	1/4	1,410.84	1/4	1,139.86	1/4	868.87	1/4	598.83	1/4	327.87	1/4	56.91	1/4		1/4		1/4	
1/2	1,676.18	1/2	1,405.20	1/2	1,134.21	1/2	863.25	1/2	593.18	1/2	322.22	1/2	51.26	1/2		1/2		1/2	
3/4	1,670.54	3/4	1,399.55	3/4	1,128.57	3/4	857.63	3/4	587.54	3/4	316.58	3/4	45.62	3/4		3/4		3/4	
9	1,664.89	9	1,393.91	9	1,122.92	9	852.01	9	581.89	9	310.93	9	39.97	9		9		9	
1/4	1,659.24	1/4	1,388.26	1/4	1,117.28	1/4	846.38	1/4	576.25	1/4	305.29	1/4	34.33	1/4		1/4		1/4	
1/2	1,653.60	1/2	1,382.62	1/2	1,111.63	1/2	840.76	1/2	570.60	1/2	299.64	1/2	29.62	1/2		1/2		1/2	
3/4	1,647.95	3/4	1,376.97	3/4	1,105.99	3/4	835.14	3/4	564.96	3/4	294.00	3/4	24.92	3/4		3/4		3/4	
10	1,642.31	10	1,371.32	10	1,100.34	10	829.51	10	559.31	10	288.35	10	20.21	10		10		10	
1/4	1,636.66	1/4	1,365.68	1/4	1,094.69	1/4	823.89	1/4	553.67	1/4	282.71	1/4	15.51	1/4		1/4		1/4	
1/2	1,631.02	1/2	1,360.03	1/2	1,089.05	1/2	818.27	1/2	548.02	1/2	277.06	1/2	12.69	1/2		1/2		1/2	
3/4	1,625.37	3/4	1,354.39	3/4	1,083.40	3/4	812.64	3/4	542.38	3/4	271.42	3/4	9.86	3/4		3/4		3/4	
11	1,619.73	11	1,348.74	11	1,077.76	11	807.02	11	536.73	11	265.77	11	7.04	11		11		11	
1/4	1,614.08	1/4	1,343.10	1/4	1,072.11	1/4	801.40	1/4	531.09	1/4	260.13	1/4	4.22	1/4		1/4		1/4	
1/2	1,608.44	1/2	1,337.45	1/2	1,066.47	1/2	795.78	1/2	525.44	1/2	254.48	1/2	3.28	1/2		1/2		1/2	
3/4	1,602.79	3/4	1,331.81	3/4	1,060.82	3/4	790.15	3/4	519.80	3/4	248.84	3/4	2.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

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