



BARGE "KIRBY 28075"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-7/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 242'-00"

June 8, 2006

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28075"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,841.92	0	4,516.11	0	4,182.66	0	3,825.52	0	3,458.78	0	3,092.04	0	2,725.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,836.27	1/4	4,509.41	1/4	4,175.44	1/4	3,817.89	1/4	3,451.14	1/4	3,084.39	1/4	2,717.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,830.63	1/2	4,502.71	1/2	4,168.21	1/2	3,810.25	1/2	3,443.50	1/2	3,076.75	1/2	2,710.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,823.79	3/4	4,495.98	3/4	4,160.95	3/4	3,802.61	3/4	3,435.86	3/4	3,069.11	3/4	2,702.36
1		1		1		1	4,816.95	1	4,489.25	1	4,153.69	1	3,794.97	1	3,428.22	1	3,061.47	1	2,694.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,810.11	1/4	4,482.52	1/4	4,146.43	1/4	3,787.33	1/4	3,420.58	1/4	3,053.83	1/4	2,687.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,803.27	1/2	4,475.79	1/2	4,139.17	1/2	3,779.69	1/2	3,412.94	1/2	3,046.19	1/2	2,679.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,795.80	3/4	4,469.03	3/4	4,131.87	3/4	3,772.05	3/4	3,405.30	3/4	3,038.55	3/4	2,671.80
2		2		2		2	4,788.32	2	4,462.26	2	4,124.57	2	3,764.41	2	3,397.66	2	3,030.91	2	2,664.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,780.84	1/4	4,455.50	1/4	4,117.27	1/4	3,756.77	1/4	3,390.02	1/4	3,023.27	1/4	2,656.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,773.37	1/2	4,448.73	1/2	4,109.97	1/2	3,749.13	1/2	3,382.38	1/2	3,015.63	1/2	2,648.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,765.81	3/4	4,441.93	3/4	4,102.64	3/4	3,741.49	3/4	3,374.74	3/4	3,007.99	3/4	2,641.24
3		3		3		3	4,758.26	3	4,435.13	3	4,095.31	3	3,733.85	3	3,367.10	3	3,000.35	3	2,633.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,750.70	1/4	4,428.33	1/4	4,087.97	1/4	3,726.21	1/4	3,359.46	1/4	2,992.71	1/4	2,625.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,743.14	1/2	4,421.53	1/2	4,080.64	1/2	3,718.56	1/2	3,351.82	1/2	2,985.07	1/2	2,618.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,735.87	3/4	4,414.69	3/4	4,073.27	3/4	3,710.92	3/4	3,344.18	3/4	2,977.43	3/4	2,610.68
4		4		4		4	4,728.59	4	4,407.85	4	4,065.90	4	3,703.28	4	3,336.53	4	2,969.79	4	2,603.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,721.32	1/4	4,401.01	1/4	4,058.54	1/4	3,695.64	1/4	3,328.89	1/4	2,962.15	1/4	2,595.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,714.04	1/2	4,394.17	1/2	4,051.17	1/2	3,688.00	1/2	3,321.25	1/2	2,954.50	1/2	2,587.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,707.31	3/4	4,387.29	3/4	4,043.77	3/4	3,680.36	3/4	3,313.61	3/4	2,946.86	3/4	2,580.12
5		5		5		5	4,700.59	5	4,380.41	5	4,036.37	5	3,672.72	5	3,305.97	5	2,939.22	5	2,572.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,693.86	1/4	4,373.54	1/4	4,028.97	1/4	3,665.08	1/4	3,298.33	1/4	2,931.58	1/4	2,564.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,687.13	1/2	4,366.66	1/2	4,021.56	1/2	3,657.44	1/2	3,290.69	1/2	2,923.94	1/2	2,557.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,680.66	3/4	4,359.74	3/4	4,014.12	3/4	3,649.80	3/4	3,283.05	3/4	2,916.30	3/4	2,549.55
6		6		6		6	4,674.19	6	4,352.83	6	4,006.68	6	3,642.16	6	3,275.41	6	2,908.66	6	2,541.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,667.71	1/4	4,345.92	1/4	3,999.25	1/4	3,634.52	1/4	3,267.77	1/4	2,901.02	1/4	2,534.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,661.24	1/2	4,339.00	1/2	3,991.81	1/2	3,626.88	1/2	3,260.13	1/2	2,893.38	1/2	2,526.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,654.72	3/4	4,332.03	3/4	3,984.33	3/4	3,619.24	3/4	3,252.49	3/4	2,885.74	3/4	2,518.99
7		7		7		7	4,648.21	7	4,325.05	7	3,976.85	7	3,611.60	7	3,244.85	7	2,878.10	7	2,511.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,641.70	1/4	4,318.08	1/4	3,969.38	1/4	3,603.96	1/4	3,237.21	1/4	2,870.46	1/4	2,503.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,635.19	1/2	4,311.11	1/2	3,961.90	1/2	3,596.32	1/2	3,229.57	1/2	2,862.82	1/2	2,496.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,628.64	3/4	4,304.06	3/4	3,954.39	3/4	3,588.67	3/4	3,221.93	3/4	2,855.18	3/4	2,488.43
8		8		8		8	4,622.09	8	4,297.00	8	3,946.87	8	3,581.03	8	3,214.29	8	2,847.54	8	2,480.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,615.54	1/4	4,289.95	1/4	3,939.36	1/4	3,573.39	1/4	3,206.64	1/4	2,839.90	1/4	2,473.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,608.99	1/2	4,282.90	1/2	3,931.84	1/2	3,565.75	1/2	3,199.00	1/2	2,832.26	1/2	2,465.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.40	3/4	4,275.78	3/4	3,924.29	3/4	3,558.11	3/4	3,191.36	3/4	2,824.61	3/4	2,457.87
9		9		9		9	4,595.82	9	4,268.67	9	3,916.74	9	3,550.47	9	3,183.72	9	2,816.97	9	2,450.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.23	1/4	4,261.56	1/4	3,909.19	1/4	3,542.83	1/4	3,176.08	1/4	2,809.33	1/4	2,442.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,582.64	1/2	4,254.45	1/2	3,901.64	1/2	3,535.19	1/2	3,168.44	1/2	2,801.69	1/2	2,434.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.02	3/4	4,247.30	3/4	3,894.05	3/4	3,527.55	3/4	3,160.80	3/4	2,794.05	3/4	2,427.30
10		10		10		10	4,569.40	10	4,240.15	10	3,886.46	10	3,519.91	10	3,153.16	10	2,786.41	10	2,419.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,562.77	1/4	4,233.00	1/4	3,878.87	1/4	3,512.27	1/4	3,145.52	1/4	2,778.77	1/4	2,412.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,556.15	1/2	4,225.85	1/2	3,871.28	1/2	3,504.63	1/2	3,137.88	1/2	2,771.13	1/2	2,404.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,549.49	3/4	4,218.67	3/4	3,863.66	3/4	3,496.99	3/4	3,130.24	3/4	2,763.49	3/4	2,396.74
11		11		11		11	4,542.82	11	4,211.48	11	3,856.04	11	3,489.35	11	3,122.60	11	2,755.85	11	2,389.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,536.16	1/4	4,204.30	1/4	3,848.42	1/4	3,481.71	1/4	3,114.96	1/4	2,748.21	1/4	2,381.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,529.50	1/2	4,197.11	1/2	3,840.80	1/2	3,474.07	1/2	3,107.32	1/2	2,740.57	1/2	2,373.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,522.80	3/4	4,189.88	3/4	3,833.16	3/4	3,466.42	3/4	3,099.68	3/4	2,732.93	3/4	2,366.18

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 53'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,358.54	0	1,991.79	0	1,625.03	0	1,258.92	0	894.33	0	527.89	0	181.74	0		0			
1/4	2,350.90	1/4	1,984.15	1/4	1,617.39	1/4	1,251.28	1/4	886.75	1/4	520.25	1/4	175.03	1/4		1/4			
1/2	2,343.26	1/2	1,976.51	1/2	1,609.75	1/2	1,243.64	1/2	879.16	1/2	512.61	1/2	168.32	1/2		1/2			
3/4	2,335.62	3/4	1,968.87	3/4	1,602.11	3/4	1,236.00	3/4	871.56	3/4	504.99	3/4	161.70	3/4		3/4			
1	2,327.98	1	1,961.23	1	1,594.47	1	1,228.36	1	863.96	1	497.36	1	155.08	1		1			
1/4	2,320.33	1/4	1,953.59	1/4	1,586.83	1/4	1,220.72	1/4	856.36	1/4	489.74	1/4	148.46	1/4		1/4			
1/2	2,312.69	1/2	1,945.95	1/2	1,579.19	1/2	1,213.07	1/2	848.76	1/2	482.12	1/2	141.84	1/2		1/2			
3/4	2,305.05	3/4	1,938.31	3/4	1,571.55	3/4	1,205.45	3/4	841.14	3/4	474.57	3/4	135.32	3/4		3/4			
2	2,297.41	2	1,930.67	2	1,563.90	2	1,197.82	2	833.51	2	467.01	2	128.79	2		2			
1/4	2,289.77	1/4	1,923.03	1/4	1,556.26	1/4	1,190.19	1/4	825.89	1/4	459.45	1/4	122.26	1/4		1/4			
1/2	2,282.13	1/2	1,915.39	1/2	1,548.62	1/2	1,182.57	1/2	818.26	1/2	451.90	1/2	115.73	1/2		1/2			
3/4	2,274.49	3/4	1,907.75	3/4	1,540.98	3/4	1,174.97	3/4	810.62	3/4	444.43	3/4	109.30	3/4		3/4			
3	2,266.85	3	1,900.10	3	1,533.34	3	1,167.37	3	802.98	3	436.95	3	102.87	3		3			
1/4	2,259.21	1/4	1,892.46	1/4	1,525.70	1/4	1,159.77	1/4	795.34	1/4	429.48	1/4	96.44	1/4		1/4			
1/2	2,251.57	1/2	1,884.82	1/2	1,518.06	1/2	1,152.17	1/2	787.69	1/2	422.01	1/2	90.01	1/2		1/2			
3/4	2,243.93	3/4	1,877.18	3/4	1,510.42	3/4	1,144.58	3/4	780.05	3/4	414.62	3/4	83.69	3/4		3/4			
4	2,236.29	4	1,869.54	4	1,502.78	4	1,137.00	4	772.41	4	407.24	4	77.36	4		4			
1/4	2,228.65	1/4	1,861.90	1/4	1,495.14	1/4	1,129.41	1/4	764.77	1/4	399.85	1/4	71.04	1/4		1/4			
1/2	2,221.01	1/2	1,854.26	1/2	1,487.50	1/2	1,121.83	1/2	757.13	1/2	392.46	1/2	64.71	1/2		1/2			
3/4	2,213.37	3/4	1,846.62	3/4	1,479.87	3/4	1,114.25	3/4	749.49	3/4	385.16	3/4	58.50	3/4		3/4			
5	2,205.73	5	1,838.98	5	1,472.24	5	1,106.66	5	741.85	5	377.86	5	52.30	5		5			
1/4	2,198.09	1/4	1,831.34	1/4	1,464.61	1/4	1,099.08	1/4	734.21	1/4	370.56	1/4	46.09	1/4		1/4			
1/2	2,190.44	1/2	1,823.70	1/2	1,456.99	1/2	1,091.50	1/2	726.56	1/2	363.26	1/2	39.88	1/2		1/2			
3/4	2,182.80	3/4	1,816.05	3/4	1,449.37	3/4	1,083.91	3/4	718.92	3/4	356.04	3/4	34.37	3/4		3/4			
6	2,175.16	6	1,808.41	6	1,441.76	6	1,076.33	6	711.28	6	348.82	6	28.86	6		6			
1/4	2,167.52	1/4	1,800.77	1/4	1,434.15	1/4	1,068.75	1/4	703.64	1/4	341.61	1/4	23.35	1/4		1/4			
1/2	2,159.88	1/2	1,793.13	1/2	1,426.53	1/2	1,061.16	1/2	696.00	1/2	334.39	1/2	17.84	1/2		1/2			
3/4	2,152.24	3/4	1,785.49	3/4	1,418.92	3/4	1,053.58	3/4	688.36	3/4	327.26	3/4	14.28	3/4		3/4			
7	2,144.60	7	1,777.85	7	1,411.31	7	1,046.00	7	680.72	7	320.13	7	10.72	7		7			
1/4	2,136.96	1/4	1,770.21	1/4	1,403.69	1/4	1,038.41	1/4	673.08	1/4	312.99	1/4	7.15	1/4		1/4			
1/2	2,129.32	1/2	1,762.57	1/2	1,396.08	1/2	1,030.83	1/2	665.43	1/2	305.86	1/2	3.59	1/2		1/2			
3/4	2,121.68	3/4	1,754.93	3/4	1,388.47	3/4	1,023.25	3/4	657.79	3/4	298.81	3/4		3/4		3/4			
8	2,114.04	8	1,747.29	8	1,380.85	8	1,015.67	8	650.15	8	291.77	8		8		8			
1/4	2,106.40	1/4	1,739.65	1/4	1,373.24	1/4	1,008.08	1/4	642.51	1/4	284.72	1/4		1/4		1/4			
1/2	2,098.76	1/2	1,732.00	1/2	1,365.63	1/2	1,000.50	1/2	634.87	1/2	277.67	1/2		1/2		1/2			
3/4	2,091.12	3/4	1,724.36	3/4	1,358.01	3/4	992.92	3/4	627.23	3/4	270.71	3/4		3/4		3/4			
9	2,083.48	9	1,716.72	9	1,350.40	9	985.33	9	619.59	9	263.75	9		9		9			
1/4	2,075.84	1/4	1,709.08	1/4	1,342.79	1/4	977.75	1/4	611.95	1/4	256.79	1/4		1/4		1/4			
1/2	2,068.20	1/2	1,701.44	1/2	1,335.17	1/2	970.17	1/2	604.30	1/2	249.83	1/2		1/2		1/2			
3/4	2,060.55	3/4	1,693.80	3/4	1,327.56	3/4	962.58	3/4	596.66	3/4	242.95	3/4		3/4		3/4			
10	2,052.91	10	1,686.16	10	1,319.94	10	955.00	10	589.02	10	236.07	10		10		10			
1/4	2,045.27	1/4	1,678.52	1/4	1,312.33	1/4	947.42	1/4	581.38	1/4	229.19	1/4		1/4		1/4			
1/2	2,037.63	1/2	1,670.88	1/2	1,304.72	1/2	939.83	1/2	573.74	1/2	222.32	1/2		1/2		1/2			
3/4	2,029.99	3/4	1,663.24	3/4	1,297.09	3/4	932.25	3/4	566.10	3/4	215.53	3/4		3/4		3/4			
11	2,022.35	11	1,655.60	11	1,289.46	11	924.67	11	558.46	11	208.73	11		11		11			
1/4	2,014.71	1/4	1,647.95	1/4	1,281.83	1/4	917.09	1/4	550.81	1/4	201.94	1/4		1/4		1/4			
1/2	2,007.07	1/2	1,640.31	1/2	1,274.21	1/2	909.50	1/2	543.17	1/2	195.15	1/2		1/2		1/2			
3/4	1,999.43	3/4	1,632.67	3/4	1,266.57	3/4	901.92	3/4	535.53	3/4	188.44	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,516.96	0	4,183.55	0	3,826.46	0	3,459.77	0	3,093.06	0	2,726.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,510.26	1/4	4,176.33	1/4	3,818.83	1/4	3,452.13	1/4	3,085.42	1/4	2,718.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,831.43	1/2	4,503.57	1/2	4,169.11	1/2	3,811.19	1/2	3,444.49	1/2	3,077.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,824.60	3/4	4,496.84	3/4	4,161.85	3/4	3,803.55	3/4	3,436.85	3/4	3,070.14
1		1		1		1		1	4,817.76	1	4,490.11	1	4,154.59	1	3,795.91	1	3,429.21	1	3,062.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,810.92	1/4	4,483.38	1/4	4,147.33	1/4	3,788.27	1/4	3,421.57	1/4	3,054.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,804.08	1/2	4,476.65	1/2	4,140.07	1/2	3,780.63	1/2	3,413.93	1/2	3,047.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,796.61	3/4	4,469.89	3/4	4,132.77	3/4	3,772.99	3/4	3,406.29	3/4	3,039.58
2		2		2		2		2	4,789.13	2	4,463.12	2	4,125.47	2	3,765.35	2	3,398.65	2	3,031.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,781.66	1/4	4,456.36	1/4	4,118.17	1/4	3,757.71	1/4	3,391.01	1/4	3,024.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,774.18	1/2	4,449.59	1/2	4,110.88	1/2	3,750.07	1/2	3,383.37	1/2	3,016.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,766.63	3/4	4,442.79	3/4	4,103.54	3/4	3,742.43	3/4	3,375.73	3/4	3,009.02
3		3		3		3		3	4,759.07	3	4,435.99	3	4,096.21	3	3,734.79	3	3,368.09	3	3,001.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,751.52	1/4	4,429.19	1/4	4,088.88	1/4	3,727.15	1/4	3,360.45	1/4	2,993.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,743.96	1/2	4,422.39	1/2	4,081.54	1/2	3,719.51	1/2	3,352.81	1/2	2,986.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,736.69	3/4	4,415.55	3/4	4,074.18	3/4	3,711.88	3/4	3,345.17	3/4	2,978.46
4		4		4		4		4	4,729.41	4	4,408.71	4	4,066.81	4	3,704.24	4	3,337.53	4	2,970.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,722.14	1/4	4,401.87	1/4	4,059.45	1/4	3,696.60	1/4	3,329.89	1/4	2,963.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,714.86	1/2	4,395.03	1/2	4,052.08	1/2	3,688.96	1/2	3,322.25	1/2	2,955.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,708.14	3/4	4,388.16	3/4	4,044.68	3/4	3,681.32	3/4	3,314.61	3/4	2,947.91
5		5		5		5		5	4,701.41	5	4,381.28	5	4,037.28	5	3,673.68	5	3,306.97	5	2,940.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,694.69	1/4	4,374.41	1/4	4,029.88	1/4	3,666.04	1/4	3,299.33	1/4	2,932.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,687.96	1/2	4,367.53	1/2	4,022.48	1/2	3,658.40	1/2	3,291.69	1/2	2,924.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,681.49	3/4	4,360.62	3/4	4,015.04	3/4	3,650.76	3/4	3,284.05	3/4	2,917.35
6		6		6		6		6	4,675.01	6	4,353.70	6	4,007.60	6	3,643.12	6	3,276.41	6	2,909.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.54	1/4	4,346.79	1/4	4,000.16	1/4	3,635.48	1/4	3,268.77	1/4	2,902.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,662.07	1/2	4,339.88	1/2	3,992.72	1/2	3,627.84	1/2	3,261.13	1/2	2,894.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,655.56	3/4	4,332.90	3/4	3,985.25	3/4	3,620.20	3/4	3,253.49	3/4	2,886.79
7		7		7		7		7	4,649.05	7	4,325.93	7	3,977.77	7	3,612.56	7	3,245.85	7	2,879.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,642.53	1/4	4,318.96	1/4	3,970.30	1/4	3,604.92	1/4	3,238.21	1/4	2,871.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,636.02	1/2	4,311.99	1/2	3,962.82	1/2	3,597.28	1/2	3,230.57	1/2	2,863.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,629.47	3/4	4,304.93	3/4	3,955.31	3/4	3,589.64	3/4	3,222.93	3/4	2,856.23
8		8		8		8		8	4,622.93	8	4,297.88	8	3,947.79	8	3,582.00	8	3,215.29	8	2,848.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.38	1/4	4,290.83	1/4	3,940.28	1/4	3,574.36	1/4	3,207.66	1/4	2,840.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,609.83	1/2	4,283.78	1/2	3,932.77	1/2	3,566.72	1/2	3,200.02	1/2	2,833.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,603.24	3/4	4,276.67	3/4	3,925.22	3/4	3,559.08	3/4	3,192.38	3/4	2,825.67
9		9		9		9		9	4,596.66	9	4,269.56	9	3,917.67	9	3,551.44	9	3,184.74	9	2,818.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,590.07	1/4	4,262.45	1/4	3,910.11	1/4	3,543.80	1/4	3,177.10	1/4	2,810.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,583.49	1/2	4,255.34	1/2	3,902.56	1/2	3,536.16	1/2	3,169.46	1/2	2,802.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.86	3/4	4,248.19	3/4	3,894.98	3/4	3,528.52	3/4	3,161.82	3/4	2,795.11
10		10		10		10		10	4,570.24	10	4,241.04	10	3,887.39	10	3,520.88	10	3,154.18	10	2,787.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.62	1/4	4,233.89	1/4	3,879.80	1/4	3,513.24	1/4	3,146.54	1/4	2,779.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,556.99	1/2	4,226.74	1/2	3,872.21	1/2	3,505.60	1/2	3,138.90	1/2	2,772.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,550.33	3/4	4,219.56	3/4	3,864.59	3/4	3,497.96	3/4	3,131.26	3/4	2,764.55
11		11		11		11		11	4,543.67	11	4,212.37	11	3,856.97	11	3,490.32	11	3,123.62	11	2,756.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,537.01	1/4	4,205.19	1/4	3,849.35	1/4	3,482.68	1/4	3,115.98	1/4	2,749.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,530.35	1/2	4,198.00	1/2	3,841.73	1/2	3,475.04	1/2	3,108.34	1/2	2,741.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,523.65	3/4	4,190.78	3/4	3,834.10	3/4	3,467.40	3/4	3,100.70	3/4	2,733.99

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 53'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

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



BARGE "KIRBY 28075"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,359.65	0	1,992.95	0	1,626.23	0	1,260.16	0	894.45	0	527.82	0	181.71	0		0			
1/4	2,352.01	1/4	1,985.31	1/4	1,618.59	1/4	1,252.52	1/4	886.84	1/4	520.18	1/4	175.00	1/4		1/4			
1/2	2,344.37	1/2	1,977.67	1/2	1,610.95	1/2	1,244.88	1/2	879.22	1/2	512.54	1/2	168.30	1/2		1/2			
3/4	2,336.73	3/4	1,970.03	3/4	1,603.31	3/4	1,237.24	3/4	871.60	3/4	504.92	3/4	161.68	3/4		3/4			
1	2,329.09	1	1,962.39	1	1,595.67	1	1,229.60	1	863.97	1	497.30	1	155.06	1		1			
1/4	2,321.45	1/4	1,954.75	1/4	1,588.03	1/4	1,221.96	1/4	856.34	1/4	489.68	1/4	148.44	1/4		1/4			
1/2	2,313.81	1/2	1,947.11	1/2	1,580.39	1/2	1,214.32	1/2	848.72	1/2	482.06	1/2	141.82	1/2		1/2			
3/4	2,306.17	3/4	1,939.47	3/4	1,572.75	3/4	1,206.68	3/4	841.08	3/4	474.50	3/4	135.30	3/4		3/4			
2	2,298.53	2	1,931.83	2	1,565.11	2	1,199.04	2	833.43	2	466.95	2	128.77	2		2			
1/4	2,290.89	1/4	1,924.19	1/4	1,557.47	1/4	1,191.40	1/4	825.79	1/4	459.39	1/4	122.24	1/4		1/4			
1/2	2,283.25	1/2	1,916.55	1/2	1,549.83	1/2	1,183.76	1/2	818.15	1/2	451.84	1/2	115.72	1/2		1/2			
3/4	2,275.61	3/4	1,908.91	3/4	1,542.19	3/4	1,176.13	3/4	810.51	3/4	444.37	3/4	109.29	3/4		3/4			
3	2,267.97	3	1,901.27	3	1,534.55	3	1,168.50	3	802.87	3	436.89	3	102.86	3		3			
1/4	2,260.33	1/4	1,893.63	1/4	1,526.91	1/4	1,160.87	1/4	795.23	1/4	429.42	1/4	96.43	1/4		1/4			
1/2	2,252.69	1/2	1,885.99	1/2	1,519.27	1/2	1,153.25	1/2	787.59	1/2	421.95	1/2	90.00	1/2		1/2			
3/4	2,245.05	3/4	1,878.35	3/4	1,511.63	3/4	1,145.63	3/4	779.95	3/4	414.57	3/4	83.67	3/4		3/4			
4	2,237.41	4	1,870.71	4	1,503.99	4	1,138.02	4	772.31	4	407.18	4	77.35	4		4			
1/4	2,229.77	1/4	1,863.07	1/4	1,496.35	1/4	1,130.41	1/4	764.67	1/4	399.80	1/4	71.02	1/4		1/4			
1/2	2,222.13	1/2	1,855.43	1/2	1,488.71	1/2	1,122.79	1/2	757.03	1/2	392.41	1/2	64.70	1/2		1/2			
3/4	2,214.49	3/4	1,847.79	3/4	1,481.08	3/4	1,115.18	3/4	749.39	3/4	385.11	3/4	58.49	3/4		3/4			
5	2,206.85	5	1,840.15	5	1,473.46	5	1,107.57	5	741.75	5	377.81	5	52.29	5		5			
1/4	2,199.21	1/4	1,832.51	1/4	1,465.83	1/4	1,099.96	1/4	734.11	1/4	370.51	1/4	46.08	1/4		1/4			
1/2	2,191.57	1/2	1,824.87	1/2	1,458.20	1/2	1,092.35	1/2	726.47	1/2	363.21	1/2	39.88	1/2		1/2			
3/4	2,183.94	3/4	1,817.23	3/4	1,450.59	3/4	1,084.74	3/4	718.83	3/4	355.99	3/4	34.37	3/4		3/4			
6	2,176.30	6	1,809.59	6	1,442.98	6	1,077.13	6	711.19	6	348.77	6	28.86	6		6			
1/4	2,168.66	1/4	1,801.95	1/4	1,435.37	1/4	1,069.52	1/4	703.55	1/4	341.56	1/4	23.35	1/4		1/4			
1/2	2,161.02	1/2	1,794.31	1/2	1,427.75	1/2	1,061.90	1/2	695.91	1/2	334.34	1/2	17.84	1/2		1/2			
3/4	2,153.38	3/4	1,786.67	3/4	1,420.14	3/4	1,054.29	3/4	688.27	3/4	327.21	3/4	14.28	3/4		3/4			
7	2,145.74	7	1,779.03	7	1,412.53	7	1,046.68	7	680.63	7	320.08	7	10.71	7		7			
1/4	2,138.10	1/4	1,771.39	1/4	1,404.92	1/4	1,039.07	1/4	672.99	1/4	312.95	1/4	7.15	1/4		1/4			
1/2	2,130.46	1/2	1,763.75	1/2	1,397.31	1/2	1,031.46	1/2	665.35	1/2	305.82	1/2	3.59	1/2		1/2			
3/4	2,122.82	3/4	1,756.11	3/4	1,389.69	3/4	1,023.85	3/4	657.71	3/4	298.77	3/4		3/4		3/4			
8	2,115.18	8	1,748.47	8	1,382.08	8	1,016.24	8	650.07	8	291.73	8		8		8			
1/4	2,107.54	1/4	1,740.83	1/4	1,374.47	1/4	1,008.62	1/4	642.43	1/4	284.68	1/4		1/4		1/4			
1/2	2,099.90	1/2	1,733.19	1/2	1,366.85	1/2	1,001.01	1/2	634.79	1/2	277.63	1/2		1/2		1/2			
3/4	2,092.26	3/4	1,725.55	3/4	1,359.24	3/4	993.40	3/4	627.15	3/4	270.67	3/4		3/4		3/4			
9	2,084.62	9	1,717.91	9	1,351.63	9	985.79	9	619.51	9	263.71	9		9		9			
1/4	2,076.98	1/4	1,710.27	1/4	1,344.02	1/4	978.18	1/4	611.87	1/4	256.75	1/4		1/4		1/4			
1/2	2,069.34	1/2	1,702.63	1/2	1,336.40	1/2	970.57	1/2	604.22	1/2	249.79	1/2		1/2		1/2			
3/4	2,061.70	3/4	1,694.99	3/4	1,328.79	3/4	962.96	3/4	596.58	3/4	242.91	3/4		3/4		3/4			
10	2,054.06	10	1,687.35	10	1,321.18	10	955.35	10	588.94	10	236.04	10		10		10			
1/4	2,046.42	1/4	1,679.71	1/4	1,313.56	1/4	947.73	1/4	581.30	1/4	229.16	1/4		1/4		1/4			
1/2	2,038.78	1/2	1,672.07	1/2	1,305.95	1/2	940.12	1/2	573.66	1/2	222.29	1/2		1/2		1/2			
3/4	2,031.14	3/4	1,664.43	3/4	1,298.32	3/4	932.51	3/4	566.02	3/4	215.49	3/4		3/4		3/4			
11	2,023.50	11	1,656.79	11	1,290.70	11	924.90	11	558.38	11	208.70	11		11		11			
1/4	2,015.86	1/4	1,649.15	1/4	1,283.07	1/4	917.29	1/4	550.74	1/4	201.91	1/4		1/4		1/4			
1/2	2,008.22	1/2	1,641.51	1/2	1,275.45	1/2	909.68	1/2	543.10	1/2	195.12	1/2		1/2		1/2			
3/4	2,000.58	3/4	1,633.87	3/4	1,267.80	3/4	902.06	3/4	535.46	3/4	188.41	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28075"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,849.45	0	4,525.08	0	4,193.65	0	3,838.81	0	3,474.85	0	3,110.89	0	2,746.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,843.85	1/4	4,518.43	1/4	4,186.48	1/4	3,831.24	1/4	3,467.27	1/4	3,103.31	1/4	2,739.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,837.06	1/2	4,511.76	1/2	4,179.27	1/2	3,823.65	1/2	3,459.69	1/2	3,095.72	1/2	2,731.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,830.27	3/4	4,505.08	3/4	4,172.07	3/4	3,816.07	3/4	3,452.11	3/4	3,088.14	3/4	2,724.18
1		1		1		1	4,823.49	1	4,498.40	1	4,164.86	1	3,808.49	1	3,444.52	1	3,080.56	1	2,716.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,816.70	1/4	4,491.72	1/4	4,157.65	1/4	3,800.90	1/4	3,436.94	1/4	3,072.98	1/4	2,709.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,809.28	1/2	4,485.01	1/2	4,150.41	1/2	3,793.32	1/2	3,429.36	1/2	3,065.39	1/2	2,701.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,801.86	3/4	4,478.30	3/4	4,143.17	3/4	3,785.74	3/4	3,421.77	3/4	3,057.81	3/4	2,693.85
2		2		2		2	4,794.44	2	4,471.58	2	4,135.92	2	3,778.16	2	3,414.19	2	3,050.23	2	2,686.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,787.02	1/4	4,464.87	1/4	4,128.68	1/4	3,770.57	1/4	3,406.61	1/4	3,042.64	1/4	2,678.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,779.53	1/2	4,458.12	1/2	4,121.40	1/2	3,762.99	1/2	3,399.03	1/2	3,035.06	1/2	2,671.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,772.03	3/4	4,451.37	3/4	4,114.12	3/4	3,755.41	3/4	3,391.44	3/4	3,027.48	3/4	2,663.51
3		3		3		3	4,764.53	3	4,444.62	3	4,106.85	3	3,747.83	3	3,383.86	3	3,019.90	3	2,655.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,757.03	1/4	4,437.87	1/4	4,099.57	1/4	3,740.24	1/4	3,376.28	1/4	3,012.31	1/4	2,648.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,749.81	1/2	4,431.08	1/2	4,092.26	1/2	3,732.66	1/2	3,368.70	1/2	3,004.73	1/2	2,640.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,742.59	3/4	4,424.29	3/4	4,084.95	3/4	3,725.08	3/4	3,361.11	3/4	2,997.15	3/4	2,633.18
4		4		4		4	4,735.37	4	4,417.51	4	4,077.63	4	3,717.50	4	3,353.53	4	2,989.57	4	2,625.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,728.15	1/4	4,410.72	1/4	4,070.32	1/4	3,709.91	1/4	3,345.95	1/4	2,981.98	1/4	2,618.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,721.47	1/2	4,403.89	1/2	4,062.98	1/2	3,702.33	1/2	3,338.37	1/2	2,974.40	1/2	2,610.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,714.80	3/4	4,397.07	3/4	4,055.63	3/4	3,694.75	3/4	3,330.78	3/4	2,966.82	3/4	2,602.85
5		5		5		5	4,708.13	5	4,390.24	5	4,048.29	5	3,687.17	5	3,323.20	5	2,959.24	5	2,595.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,701.45	1/4	4,383.42	1/4	4,040.94	1/4	3,679.58	1/4	3,315.62	1/4	2,951.65	1/4	2,587.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,695.03	1/2	4,376.56	1/2	4,033.56	1/2	3,672.00	1/2	3,308.04	1/2	2,944.07	1/2	2,580.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,688.60	3/4	4,369.70	3/4	4,026.18	3/4	3,664.42	3/4	3,300.45	3/4	2,936.49	3/4	2,572.52
6		6		6		6	4,682.18	6	4,362.83	6	4,018.79	6	3,656.84	6	3,292.87	6	2,928.91	6	2,564.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,675.75	1/4	4,355.97	1/4	4,011.41	1/4	3,649.25	1/4	3,285.29	1/4	2,921.32	1/4	2,557.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,669.29	1/2	4,349.05	1/2	4,003.99	1/2	3,641.67	1/2	3,277.71	1/2	2,913.74	1/2	2,549.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,662.83	3/4	4,342.13	3/4	3,996.57	3/4	3,634.09	3/4	3,270.12	3/4	2,906.16	3/4	2,542.19
7		7		7		7	4,656.36	7	4,335.21	7	3,989.15	7	3,626.51	7	3,262.54	7	2,898.58	7	2,534.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,649.90	1/4	4,328.29	1/4	3,981.73	1/4	3,618.92	1/4	3,254.96	1/4	2,890.99	1/4	2,527.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,643.40	1/2	4,321.29	1/2	3,974.27	1/2	3,611.34	1/2	3,247.38	1/2	2,883.41	1/2	2,519.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,636.90	3/4	4,314.29	3/4	3,966.82	3/4	3,603.76	3/4	3,239.79	3/4	2,875.83	3/4	2,511.86
8		8		8		8	4,630.40	8	4,307.29	8	3,959.36	8	3,596.17	8	3,232.21	8	2,868.25	8	2,504.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,623.90	1/4	4,300.29	1/4	3,951.90	1/4	3,588.59	1/4	3,224.63	1/4	2,860.66	1/4	2,496.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,617.37	1/2	4,293.24	1/2	3,944.41	1/2	3,581.01	1/2	3,217.04	1/2	2,853.08	1/2	2,489.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,610.83	3/4	4,286.18	3/4	3,936.91	3/4	3,573.43	3/4	3,209.46	3/4	2,845.50	3/4	2,481.53
9		9		9		9	4,604.29	9	4,279.12	9	3,929.42	9	3,565.84	9	3,201.88	9	2,837.91	9	2,473.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,597.76	1/4	4,272.06	1/4	3,921.92	1/4	3,558.26	1/4	3,194.30	1/4	2,830.33	1/4	2,466.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,591.18	1/2	4,264.97	1/2	3,914.39	1/2	3,550.68	1/2	3,186.71	1/2	2,822.75	1/2	2,458.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,584.61	3/4	4,257.87	3/4	3,906.86	3/4	3,543.10	3/4	3,179.13	3/4	2,815.17	3/4	2,451.20
10		10		10		10	4,578.04	10	4,250.78	10	3,899.33	10	3,535.51	10	3,171.55	10	2,807.58	10	2,443.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,571.46	1/4	4,243.68	1/4	3,891.80	1/4	3,527.93	1/4	3,163.97	1/4	2,800.00	1/4	2,436.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,564.85	1/2	4,236.55	1/2	3,884.24	1/2	3,520.35	1/2	3,156.38	1/2	2,792.42	1/2	2,428.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,558.24	3/4	4,229.42	3/4	3,876.67	3/4	3,512.77	3/4	3,148.80	3/4	2,784.84	3/4	2,420.87
11		11		11		11	4,551.63	11	4,222.29	11	3,869.11	11	3,505.18	11	3,141.22	11	2,777.25	11	2,413.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,545.02	1/4	4,215.16	1/4	3,861.55	1/4	3,497.60	1/4	3,133.64	1/4	2,769.67	1/4	2,405.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,538.37	1/2	4,207.99	1/2	3,853.97	1/2	3,490.02	1/2	3,126.05	1/2	2,762.09	1/2	2,398.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,531.73	3/4	4,200.82	3/4	3,846.39	3/4	3,482.44	3/4	3,118.47	3/4	2,754.51	3/4	2,390.54

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,382.96	0	2,018.99	0	1,655.02	0	1,294.93	0	944.35	0	583.75	0	219.74	0		0			
1/4	2,375.38	1/4	2,011.41	1/4	1,647.44	1/4	1,287.34	1/4	937.09	1/4	576.16	1/4	212.15	1/4		1/4			
1/2	2,367.79	1/2	2,003.83	1/2	1,639.85	1/2	1,279.76	1/2	929.82	1/2	568.58	1/2	204.57	1/2		1/2			
3/4	2,360.21	3/4	1,996.24	3/4	1,632.27	3/4	1,272.18	3/4	922.56	3/4	561.00	3/4	196.99	3/4		3/4			
1	2,352.63	1	1,988.66	1	1,624.69	1	1,264.59	1	915.29	1	553.41	1	189.41	1		1			
1/4	2,345.05	1/4	1,981.08	1/4	1,617.10	1/4	1,257.01	1/4	908.02	1/4	545.83	1/4	181.83	1/4		1/4			
1/2	2,337.46	1/2	1,973.50	1/2	1,609.52	1/2	1,249.58	1/2	900.74	1/2	538.25	1/2	174.26	1/2		1/2			
3/4	2,329.88	3/4	1,965.91	3/4	1,601.94	3/4	1,242.14	3/4	893.45	3/4	530.66	3/4	166.68	3/4		3/4			
2	2,322.30	2	1,958.33	2	1,594.36	2	1,234.71	2	886.17	2	523.08	2	159.11	2		2			
1/4	2,314.72	1/4	1,950.75	1/4	1,586.77	1/4	1,227.28	1/4	878.89	1/4	515.50	1/4	151.53	1/4		1/4			
1/2	2,307.13	1/2	1,943.17	1/2	1,579.19	1/2	1,220.01	1/2	871.46	1/2	507.91	1/2	143.97	1/2		1/2			
3/4	2,299.55	3/4	1,935.58	3/4	1,571.61	3/4	1,212.74	3/4	864.03	3/4	500.33	3/4	136.41	3/4		3/4			
3	2,291.97	3	1,928.00	3	1,564.03	3	1,205.47	3	856.60	3	492.74	3	128.85	3		3			
1/4	2,284.38	1/4	1,920.42	1/4	1,556.44	1/4	1,198.20	1/4	849.16	1/4	485.16	1/4	121.29	1/4		1/4			
1/2	2,276.80	1/2	1,912.83	1/2	1,548.94	1/2	1,190.95	1/2	841.58	1/2	477.58	1/2	113.74	1/2		1/2			
3/4	2,269.22	3/4	1,905.25	3/4	1,541.44	3/4	1,183.69	3/4	834.00	3/4	469.99	3/4	106.20	3/4		3/4			
4	2,261.64	4	1,897.67	4	1,533.94	4	1,176.44	4	826.41	4	462.41	4	98.66	4		4			
1/4	2,254.05	1/4	1,890.09	1/4	1,526.44	1/4	1,169.18	1/4	818.83	1/4	454.83	1/4	91.12	1/4		1/4			
1/2	2,246.47	1/2	1,882.50	1/2	1,519.01	1/2	1,161.93	1/2	811.25	1/2	447.24	1/2	83.61	1/2		1/2			
3/4	2,238.89	3/4	1,874.92	3/4	1,511.59	3/4	1,154.68	3/4	803.66	3/4	439.66	3/4	76.10	3/4		3/4			
5	2,231.31	5	1,867.34	5	1,504.17	5	1,147.43	5	796.08	5	432.08	5	68.59	5		5			
1/4	2,223.72	1/4	1,859.75	1/4	1,496.75	1/4	1,140.17	1/4	788.50	1/4	424.49	1/4	61.08	1/4		1/4			
1/2	2,216.14	1/2	1,852.17	1/2	1,489.33	1/2	1,132.92	1/2	780.91	1/2	416.91	1/2	54.18	1/2		1/2			
3/4	2,208.56	3/4	1,844.59	3/4	1,481.91	3/4	1,125.67	3/4	773.33	3/4	409.32	3/4	47.28	3/4		3/4			
6	2,200.98	6	1,837.01	6	1,474.49	6	1,118.42	6	765.75	6	401.74	6	40.38	6		6			
1/4	2,193.39	1/4	1,829.42	1/4	1,467.07	1/4	1,111.16	1/4	758.17	1/4	394.16	1/4	33.48	1/4		1/4			
1/2	2,185.81	1/2	1,821.84	1/2	1,459.65	1/2	1,103.91	1/2	750.58	1/2	386.57	1/2	28.42	1/2		1/2			
3/4	2,178.23	3/4	1,814.26	3/4	1,452.23	3/4	1,096.66	3/4	743.00	3/4	378.99	3/4	23.37	3/4		3/4			
7	2,170.65	7	1,806.67	7	1,444.81	7	1,089.41	7	735.42	7	371.41	7	18.32	7		7			
1/4	2,163.06	1/4	1,799.09	1/4	1,437.39	1/4	1,082.15	1/4	727.83	1/4	363.82	1/4	13.26	1/4		1/4			
1/2	2,155.48	1/2	1,791.51	1/2	1,429.97	1/2	1,074.90	1/2	720.25	1/2	356.24	1/2		1/2		1/2			
3/4	2,147.90	3/4	1,783.93	3/4	1,422.55	3/4	1,067.65	3/4	712.67	3/4	348.66	3/4		3/4		3/4			
8	2,140.32	8	1,776.34	8	1,415.13	8	1,060.40	8	705.08	8	341.07	8		8		8			
1/4	2,132.73	1/4	1,768.76	1/4	1,407.70	1/4	1,053.14	1/4	697.50	1/4	333.49	1/4		1/4		1/4			
1/2	2,125.15	1/2	1,761.18	1/2	1,400.28	1/2	1,045.89	1/2	689.92	1/2	325.91	1/2		1/2		1/2			
3/4	2,117.57	3/4	1,753.60	3/4	1,392.86	3/4	1,038.64	3/4	682.33	3/4	318.32	3/4		3/4		3/4			
9	2,109.99	9	1,746.01	9	1,385.44	9	1,031.39	9	674.75	9	310.74	9		9		9			
1/4	2,102.40	1/4	1,738.43	1/4	1,378.02	1/4	1,024.13	1/4	667.17	1/4	303.15	1/4		1/4		1/4			
1/2	2,094.82	1/2	1,730.85	1/2	1,370.52	1/2	1,016.88	1/2	659.58	1/2	295.57	1/2		1/2		1/2			
3/4	2,087.24	3/4	1,723.26	3/4	1,363.01	3/4	1,009.63	3/4	652.00	3/4	287.99	3/4		3/4		3/4			
10	2,079.65	10	1,715.68	10	1,355.51	10	1,002.37	10	644.42	10	280.40	10		10		10			
1/4	2,072.07	1/4	1,708.10	1/4	1,348.01	1/4	995.12	1/4	636.83	1/4	272.82	1/4		1/4		1/4			
1/2	2,064.49	1/2	1,700.52	1/2	1,340.43	1/2	987.87	1/2	629.25	1/2	265.24	1/2		1/2		1/2			
3/4	2,056.91	3/4	1,692.93	3/4	1,332.84	3/4	980.62	3/4	621.67	3/4	257.65	3/4		3/4		3/4			
11	2,049.32	11	1,685.35	11	1,325.26	11	973.36	11	614.08	11	250.07	11		11		11			
1/4	2,041.74	1/4	1,677.77	1/4	1,317.68	1/4	966.11	1/4	606.50	1/4	242.49	1/4		1/4		1/4			
1/2	2,034.16	1/2	1,670.18	1/2	1,310.09	1/2	958.86	1/2	598.91	1/2	234.90	1/2		1/2		1/2			
3/4	2,026.58	3/4	1,662.60	3/4	1,302.51	3/4	951.60	3/4	591.33	3/4	227.32	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	4,554.60	0	4,224.18	0	3,870.11	0	3,506.12	0	3,142.11	0	2,778.10
1/4		1/4		1/4		1/4		1/4	4,547.96	1/4	4,217.01	1/4	3,862.53	1/4	3,498.54	1/4	3,134.53	1/4	2,770.52
1/2		1/2		1/2		1/2		1/2	4,541.31	1/2	4,209.84	1/2	3,854.96	1/2	3,490.95	1/2	3,126.94	1/2	2,762.94
3/4		3/4		3/4		3/4	4,860.12	3/4	4,534.66	3/4	4,202.67	3/4	3,847.38	3/4	3,483.37	3/4	3,119.36	3/4	2,755.35
1		1		1		1	4,853.34	1	4,527.98	1	4,195.46	1	3,839.79	1	3,475.79	1	3,111.78	1	2,747.77
1/4		1/4		1/4		1/4	4,846.55	1/4	4,521.31	1/4	4,188.25	1/4	3,832.21	1/4	3,468.20	1/4	3,104.19	1/4	2,740.19
1/2		1/2		1/2		1/2	4,839.76	1/2	4,514.63	1/2	4,181.04	1/2	3,824.63	1/2	3,460.62	1/2	3,096.61	1/2	2,732.60
3/4		3/4		3/4		3/4	4,832.97	3/4	4,507.95	3/4	4,173.84	3/4	3,817.04	3/4	3,453.04	3/4	3,089.03	3/4	2,725.02
2		2		2		2	4,825.55	2	4,501.23	2	4,166.59	2	3,809.46	2	3,445.45	2	3,081.44	2	2,717.44
1/4		1/4		1/4		1/4	4,818.13	1/4	4,494.52	1/4	4,159.35	1/4	3,801.88	1/4	3,437.87	1/4	3,073.86	1/4	2,709.85
1/2		1/2		1/2		1/2	4,810.71	1/2	4,487.80	1/2	4,152.10	1/2	3,794.29	1/2	3,430.28	1/2	3,066.28	1/2	2,702.27
3/4		3/4		3/4		3/4	4,803.29	3/4	4,481.09	3/4	4,144.86	3/4	3,786.71	3/4	3,422.70	3/4	3,058.69	3/4	2,694.69
3		3		3		3	4,795.79	3	4,474.34	3	4,137.58	3	3,779.13	3	3,415.12	3	3,051.11	3	2,687.10
1/4		1/4		1/4		1/4	4,788.29	1/4	4,467.59	1/4	4,130.30	1/4	3,771.54	1/4	3,407.53	1/4	3,043.53	1/4	2,679.52
1/2		1/2		1/2		1/2	4,780.79	1/2	4,460.84	1/2	4,123.02	1/2	3,763.96	1/2	3,399.95	1/2	3,035.94	1/2	2,671.93
3/4		3/4		3/4		3/4	4,773.29	3/4	4,454.09	3/4	4,115.74	3/4	3,756.38	3/4	3,392.37	3/4	3,028.36	3/4	2,664.35
4		4		4		4	4,766.07	4	4,447.30	4	4,108.43	4	3,748.79	4	3,384.78	4	3,020.78	4	2,656.77
1/4		1/4		1/4		1/4	4,758.85	1/4	4,440.51	1/4	4,101.12	1/4	3,741.21	1/4	3,377.20	1/4	3,013.19	1/4	2,649.18
1/2		1/2		1/2		1/2	4,751.63	1/2	4,433.72	1/2	4,093.81	1/2	3,733.62	1/2	3,369.62	1/2	3,005.61	1/2	2,641.60
3/4		3/4		3/4		3/4	4,744.41	3/4	4,426.93	3/4	4,086.50	3/4	3,726.04	3/4	3,362.03	3/4	2,998.03	3/4	2,634.02
5		5		5		5	4,737.73	5	4,420.11	5	4,079.15	5	3,718.46	5	3,354.45	5	2,990.44	5	2,626.43
1/4		1/4		1/4		1/4	4,731.06	1/4	4,413.28	1/4	4,071.80	1/4	3,710.87	1/4	3,346.87	1/4	2,982.86	1/4	2,618.85
1/2		1/2		1/2		1/2	4,724.38	1/2	4,406.46	1/2	4,064.46	1/2	3,703.29	1/2	3,339.28	1/2	2,975.27	1/2	2,611.27
3/4		3/4		3/4		3/4	4,717.70	3/4	4,399.63	3/4	4,057.11	3/4	3,695.71	3/4	3,331.70	3/4	2,967.69	3/4	2,603.68
6		6		6		6	4,711.28	6	4,392.77	6	4,049.72	6	3,688.12	6	3,324.12	6	2,960.11	6	2,596.10
1/4		1/4		1/4		1/4	4,704.85	1/4	4,385.91	1/4	4,042.34	1/4	3,680.54	1/4	3,316.53	1/4	2,952.52	1/4	2,588.52
1/2		1/2		1/2		1/2	4,698.43	1/2	4,379.04	1/2	4,034.96	1/2	3,672.96	1/2	3,308.95	1/2	2,944.94	1/2	2,580.93
3/4		3/4		3/4		3/4	4,692.00	3/4	4,372.18	3/4	4,027.57	3/4	3,665.37	3/4	3,301.37	3/4	2,937.36	3/4	2,573.35
7		7		7		7	4,685.54	7	4,365.26	7	4,020.15	7	3,657.79	7	3,293.78	7	2,929.77	7	2,565.77
1/4		1/4		1/4		1/4	4,679.07	1/4	4,358.34	1/4	4,012.73	1/4	3,650.21	1/4	3,286.20	1/4	2,922.19	1/4	2,558.18
1/2		1/2		1/2		1/2	4,672.61	1/2	4,351.42	1/2	4,005.31	1/2	3,642.62	1/2	3,278.61	1/2	2,914.61	1/2	2,550.60
3/4		3/4		3/4		3/4	4,666.15	3/4	4,344.50	3/4	3,997.89	3/4	3,635.04	3/4	3,271.03	3/4	2,907.02	3/4	2,543.02
8		8		8		8	4,659.65	8	4,337.50	8	3,990.43	8	3,627.46	8	3,263.45	8	2,899.44	8	2,535.43
1/4		1/4		1/4		1/4	4,653.15	1/4	4,330.50	1/4	3,982.97	1/4	3,619.87	1/4	3,255.86	1/4	2,891.86	1/4	2,527.85
1/2		1/2		1/2		1/2	4,646.65	1/2	4,323.50	1/2	3,975.52	1/2	3,612.29	1/2	3,248.28	1/2	2,884.27	1/2	2,520.26
3/4		3/4		3/4		3/4	4,640.15	3/4	4,316.49	3/4	3,968.06	3/4	3,604.71	3/4	3,240.70	3/4	2,876.69	3/4	2,512.68
9		9		9		9	4,633.61	9	4,309.44	9	3,960.56	9	3,597.12	9	3,233.11	9	2,869.11	9	2,505.10
1/4		1/4		1/4		1/4	4,627.07	1/4	4,302.38	1/4	3,953.07	1/4	3,589.54	1/4	3,225.53	1/4	2,861.52	1/4	2,497.51
1/2		1/2		1/2		1/2	4,620.53	1/2	4,295.32	1/2	3,945.57	1/2	3,581.95	1/2	3,217.95	1/2	2,853.94	1/2	2,489.93
3/4		3/4		3/4		3/4	4,614.00	3/4	4,288.26	3/4	3,938.08	3/4	3,574.37	3/4	3,210.36	3/4	2,846.36	3/4	2,482.35
10		10		10		10	4,607.42	10	4,281.16	10	3,930.54	10	3,566.79	10	3,202.78	10	2,838.77	10	2,474.76
1/4		1/4		1/4		1/4	4,600.85	1/4	4,274.07	1/4	3,923.01	1/4	3,559.20	1/4	3,195.20	1/4	2,831.19	1/4	2,467.18
1/2		1/2		1/2		1/2	4,594.27	1/2	4,266.97	1/2	3,915.48	1/2	3,551.62	1/2	3,187.61	1/2	2,823.60	1/2	2,459.60
3/4		3/4		3/4		3/4	4,587.70	3/4	4,259.88	3/4	3,907.95	3/4	3,544.04	3/4	3,180.03	3/4	2,816.02	3/4	2,452.01
11		11		11		11	4,581.09	11	4,252.74	11	3,900.38	11	3,536.45	11	3,172.45	11	2,808.44	11	2,444.43
1/4		1/4		1/4		1/4	4,574.47	1/4	4,245.61	1/4	3,892.82	1/4	3,528.87	1/4	3,164.86	1/4	2,800.85	1/4	2,436.85
1/2		1/2		1/2		1/2	4,567.86	1/2	4,238.48	1/2	3,885.26	1/2	3,521.29	1/2	3,157.28	1/2	2,793.27	1/2	2,429.26
3/4		3/4		3/4		3/4	4,561.25	3/4	4,231.35	3/4	3,877.69	3/4	3,513.70	3/4	3,149.70	3/4	2,785.69	3/4	2,421.68

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	2,414.10	0	2,050.09	0	1,686.07	0	1,325.94	0	962.89	0	598.99	0	234.93	0		0			
1/4	2,406.51	1/4	2,042.50	1/4	1,678.49	1/4	1,318.35	1/4	955.34	1/4	591.40	1/4	227.35	1/4		1/4			
1/2	2,398.93	1/2	2,034.92	1/2	1,670.90	1/2	1,310.77	1/2	947.78	1/2	583.82	1/2	219.76	1/2		1/2			
3/4	2,391.35	3/4	2,027.34	3/4	1,663.32	3/4	1,303.18	3/4	940.22	3/4	576.23	3/4	212.18	3/4		3/4			
1	2,383.76	1	2,019.75	1	1,655.74	1	1,295.60	1	932.65	1	568.65	1	204.60	1		1			
1/4	2,376.18	1/4	2,012.17	1/4	1,648.15	1/4	1,288.01	1/4	925.08	1/4	561.06	1/4	197.01	1/4		1/4			
1/2	2,368.59	1/2	2,004.59	1/2	1,640.57	1/2	1,280.43	1/2	917.51	1/2	553.48	1/2	189.43	1/2		1/2			
3/4	2,361.01	3/4	1,997.00	3/4	1,632.98	3/4	1,272.85	3/4	909.93	3/4	545.89	3/4	181.85	3/4		3/4			
2	2,353.43	2	1,989.42	2	1,625.40	2	1,265.26	2	902.35	2	538.31	2	174.28	2		2			
1/4	2,345.84	1/4	1,981.83	1/4	1,617.82	1/4	1,257.68	1/4	894.77	1/4	530.73	1/4	166.70	1/4		1/4			
1/2	2,338.26	1/2	1,974.25	1/2	1,610.23	1/2	1,250.09	1/2	887.18	1/2	523.14	1/2	159.13	1/2		1/2			
3/4	2,330.68	3/4	1,966.67	3/4	1,602.65	3/4	1,242.51	3/4	879.60	3/4	515.56	3/4	151.55	3/4		3/4			
3	2,323.09	3	1,959.08	3	1,595.07	3	1,234.94	3	872.01	3	507.97	3	143.99	3		3			
1/4	2,315.51	1/4	1,951.50	1/4	1,587.48	1/4	1,227.36	1/4	864.43	1/4	500.39	1/4	136.43	1/4		1/4			
1/2	2,307.93	1/2	1,943.92	1/2	1,579.90	1/2	1,219.79	1/2	856.85	1/2	492.80	1/2	128.86	1/2		1/2			
3/4	2,300.34	3/4	1,936.33	3/4	1,572.31	3/4	1,212.22	3/4	849.26	3/4	485.22	3/4	121.30	3/4		3/4			
4	2,292.76	4	1,928.75	4	1,564.81	4	1,204.67	4	841.68	4	477.63	4	113.76	4		4			
1/4	2,285.18	1/4	1,921.16	1/4	1,557.31	1/4	1,197.11	1/4	834.09	1/4	470.05	1/4	106.21	1/4		1/4			
1/2	2,277.59	1/2	1,913.58	1/2	1,549.81	1/2	1,189.55	1/2	826.51	1/2	462.46	1/2	98.67	1/2		1/2			
3/4	2,270.01	3/4	1,906.00	3/4	1,542.30	3/4	1,182.00	3/4	818.93	3/4	454.88	3/4	91.13	3/4		3/4			
5	2,262.43	5	1,898.41	5	1,534.88	5	1,174.44	5	811.34	5	447.30	5	83.62	5		5			
1/4	2,254.84	1/4	1,890.83	1/4	1,527.46	1/4	1,166.89	1/4	803.76	1/4	439.71	1/4	76.11	1/4		1/4			
1/2	2,247.26	1/2	1,883.25	1/2	1,520.04	1/2	1,159.33	1/2	796.17	1/2	432.13	1/2	68.60	1/2		1/2			
3/4	2,239.68	3/4	1,875.66	3/4	1,512.62	3/4	1,151.77	3/4	788.59	3/4	424.54	3/4	61.09	3/4		3/4			
6	2,232.09	6	1,868.08	6	1,505.20	6	1,144.22	6	781.01	6	416.96	6	54.19	6		6			
1/4	2,224.51	1/4	1,860.50	1/4	1,497.77	1/4	1,136.66	1/4	773.42	1/4	409.37	1/4	47.29	1/4		1/4			
1/2	2,216.92	1/2	1,852.91	1/2	1,490.35	1/2	1,129.11	1/2	765.84	1/2	401.79	1/2	40.38	1/2		1/2			
3/4	2,209.34	3/4	1,845.33	3/4	1,482.93	3/4	1,121.55	3/4	758.25	3/4	394.20	3/4	33.48	3/4		3/4			
7	2,201.76	7	1,837.74	7	1,475.51	7	1,114.00	7	750.67	7	386.62	7	28.43	7		7			
1/4	2,194.17	1/4	1,830.16	1/4	1,468.09	1/4	1,106.44	1/4	743.09	1/4	379.04	1/4	23.37	1/4		1/4			
1/2	2,186.59	1/2	1,822.58	1/2	1,460.67	1/2	1,098.89	1/2	735.50	1/2	371.45	1/2	18.32	1/2		1/2			
3/4	2,179.01	3/4	1,814.99	3/4	1,453.25	3/4	1,091.33	3/4	727.92	3/4	363.87	3/4	13.26	3/4		3/4			
8	2,171.42	8	1,807.41	8	1,445.82	8	1,083.78	8	720.33	8	356.28	8		8		8			
1/4	2,163.84	1/4	1,799.83	1/4	1,438.40	1/4	1,076.22	1/4	712.75	1/4	348.70	1/4		1/4		1/4			
1/2	2,156.26	1/2	1,792.24	1/2	1,430.98	1/2	1,068.67	1/2	705.17	1/2	341.11	1/2		1/2		1/2			
3/4	2,148.67	3/4	1,784.66	3/4	1,423.56	3/4	1,061.11	3/4	697.58	3/4	333.53	3/4		3/4		3/4			
9	2,141.09	9	1,777.07	9	1,416.14	9	1,053.56	9	690.00	9	325.94	9		9		9			
1/4	2,133.51	1/4	1,769.49	1/4	1,408.71	1/4	1,046.00	1/4	682.41	1/4	318.36	1/4		1/4		1/4			
1/2	2,125.92	1/2	1,761.91	1/2	1,401.29	1/2	1,038.45	1/2	674.83	1/2	310.77	1/2		1/2		1/2			
3/4	2,118.34	3/4	1,754.32	3/4	1,393.87	3/4	1,030.89	3/4	667.25	3/4	303.19	3/4		3/4		3/4			
10	2,110.76	10	1,746.74	10	1,386.37	10	1,023.34	10	659.66	10	295.61	10		10		10			
1/4	2,103.17	1/4	1,739.16	1/4	1,378.86	1/4	1,015.78	1/4	652.08	1/4	288.02	1/4		1/4		1/4			
1/2	2,095.59	1/2	1,731.57	1/2	1,371.36	1/2	1,008.23	1/2	644.49	1/2	280.44	1/2		1/2		1/2			
3/4	2,088.01	3/4	1,723.99	3/4	1,363.86	3/4	1,000.67	3/4	636.91	3/4	272.85	3/4		3/4		3/4			
11	2,080.42	11	1,716.41	11	1,356.27	11	993.12	11	629.32	11	265.27	11		11		11			
1/4	2,072.84	1/4	1,708.82	1/4	1,348.69	1/4	985.56	1/4	621.74	1/4	257.68	1/4		1/4		1/4			
1/2	2,065.25	1/2	1,701.24	1/2	1,341.11	1/2	978.01	1/2	614.15	1/2	250.10	1/2		1/2		1/2			
3/4	2,057.67	3/4	1,693.65	3/4	1,333.52	3/4	970.45	3/4	606.57	3/4	242.51	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	4,463.23	0	4,213.50	0	3,952.55	0	3,677.70	0	3,396.62	0	3,034.98	0	2,671.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,463.23	1/4	4,208.21	1/4	3,946.94	1/4	3,671.86	1/4	3,389.90	1/4	3,027.41	1/4	2,663.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,458.50	1/2	4,202.91	1/2	3,941.32	1/2	3,666.03	1/2	3,383.19	1/2	3,019.83	1/2	2,656.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,453.76	3/4	4,197.61	3/4	3,935.71	3/4	3,660.19	3/4	3,376.47	3/4	3,012.25	3/4	2,648.46
1		1		1		1	4,448.72	1	4,192.30	1	3,930.07	1	3,654.35	1	3,368.87	1	3,004.67	1	2,640.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.68	1/4	4,186.99	1/4	3,924.43	1/4	3,648.52	1/4	3,361.27	1/4	2,997.09	1/4	2,633.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,438.64	1/2	4,181.68	1/2	3,918.80	1/2	3,642.68	1/2	3,353.67	1/2	2,989.51	1/2	2,625.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,433.60	3/4	4,176.36	3/4	3,913.16	3/4	3,636.84	3/4	3,346.07	3/4	2,981.93	3/4	2,618.14
2		2		2		2	4,427.92	2	4,171.03	2	3,907.51	2	3,631.00	2	3,338.47	2	2,974.35	2	2,610.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,422.25	1/4	4,165.70	1/4	3,901.85	1/4	3,625.17	1/4	3,330.88	1/4	2,966.77	1/4	2,602.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,416.58	1/2	4,160.37	1/2	3,896.20	1/2	3,619.33	1/2	3,323.28	1/2	2,959.20	1/2	2,595.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,410.90	3/4	4,155.04	3/4	3,890.54	3/4	3,613.49	3/4	3,315.68	3/4	2,951.62	3/4	2,587.83
3		3		3		3	4,405.15	3	4,149.69	3	3,884.87	3	3,607.65	3	3,308.08	3	2,944.04	3	2,580.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,399.40	1/4	4,144.34	1/4	3,879.20	1/4	3,601.82	1/4	3,300.48	1/4	2,936.46	1/4	2,572.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,393.64	1/2	4,138.99	1/2	3,873.52	1/2	3,595.98	1/2	3,292.88	1/2	2,928.88	1/2	2,565.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,387.89	3/4	4,133.63	3/4	3,867.85	3/4	3,590.14	3/4	3,285.28	3/4	2,921.30	3/4	2,557.51
4		4		4		4	4,382.29	4	4,128.26	4	3,862.16	4	3,584.30	4	3,277.68	4	2,913.72	4	2,549.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,376.68	1/4	4,122.89	1/4	3,856.46	1/4	3,578.47	1/4	3,270.08	1/4	2,906.14	1/4	2,542.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,371.08	1/2	4,117.52	1/2	3,850.77	1/2	3,572.63	1/2	3,262.49	1/2	2,898.56	1/2	2,534.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,365.47	3/4	4,112.15	3/4	3,845.08	3/4	3,566.79	3/4	3,254.89	3/4	2,890.99	3/4	2,527.20
5		5		5		5	4,360.16	5	4,106.76	5	3,839.37	5	3,560.95	5	3,247.29	5	2,883.41	5	2,519.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,354.85	1/4	4,101.37	1/4	3,833.66	1/4	3,555.12	1/4	3,239.69	1/4	2,875.83	1/4	2,512.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,349.54	1/2	4,095.98	1/2	3,827.95	1/2	3,549.28	1/2	3,232.09	1/2	2,868.25	1/2	2,504.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,344.23	3/4	4,090.58	3/4	3,822.24	3/4	3,543.44	3/4	3,224.49	3/4	2,860.67	3/4	2,496.88
6		6		6		6	4,339.06	6	4,085.17	6	3,816.51	6	3,537.60	6	3,216.90	6	2,853.09	6	2,489.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,333.88	1/4	4,079.76	1/4	3,810.78	1/4	3,531.77	1/4	3,209.32	1/4	2,845.51	1/4	2,481.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,328.70	1/2	4,074.35	1/2	3,805.05	1/2	3,525.93	1/2	3,201.73	1/2	2,837.93	1/2	2,474.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,323.53	3/4	4,068.94	3/4	3,799.32	3/4	3,520.09	3/4	3,194.14	3/4	2,830.35	3/4	2,466.57
7		7		7		7	4,318.33	7	4,063.49	7	3,793.57	7	3,514.25	7	3,186.56	7	2,822.78	7	2,458.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,313.13	1/4	4,058.04	1/4	3,787.82	1/4	3,508.42	1/4	3,178.98	1/4	2,815.20	1/4	2,451.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,307.94	1/2	4,052.58	1/2	3,782.07	1/2	3,502.58	1/2	3,171.40	1/2	2,807.62	1/2	2,443.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,302.74	3/4	4,047.13	3/4	3,776.32	3/4	3,496.74	3/4	3,163.83	3/4	2,800.04	3/4	2,436.25
8		8		8		8	4,297.52	8	4,041.62	8	3,770.55	8	3,490.90	8	3,156.25	8	2,792.46	8	2,428.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,292.31	1/4	4,036.10	1/4	3,764.78	1/4	3,485.07	1/4	3,148.67	1/4	2,784.88	1/4	2,421.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,287.09	1/2	4,030.59	1/2	3,759.01	1/2	3,479.23	1/2	3,141.09	1/2	2,777.30	1/2	2,413.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,281.87	3/4	4,025.07	3/4	3,753.24	3/4	3,473.39	3/4	3,133.51	3/4	2,769.72	3/4	2,405.94
9		9		9		9	4,276.64	9	4,019.52	9	3,747.45	9	3,467.55	9	3,125.93	9	2,762.14	9	2,398.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,271.40	1/4	4,013.96	1/4	3,741.66	1/4	3,461.72	1/4	3,118.35	1/4	2,754.57	1/4	2,390.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,266.16	1/2	4,008.41	1/2	3,735.87	1/2	3,455.88	1/2	3,110.77	1/2	2,746.99	1/2	2,383.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,260.93	3/4	4,002.85	3/4	3,730.08	3/4	3,450.04	3/4	3,103.19	3/4	2,739.41	3/4	2,375.62
10		10		10		10	4,255.67	10	3,997.28	10	3,724.27	10	3,444.20	10	3,095.62	10	2,731.83	10	2,368.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,250.41	1/4	3,991.70	1/4	3,718.46	1/4	3,438.37	1/4	3,088.04	1/4	2,724.25	1/4	2,360.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,245.16	1/2	3,986.12	1/2	3,712.65	1/2	3,432.53	1/2	3,080.46	1/2	2,716.67	1/2	2,352.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,239.90	3/4	3,980.55	3/4	3,706.84	3/4	3,426.69	3/4	3,072.88	3/4	2,709.09	3/4	2,345.30
11		11		11		11	4,234.62	11	3,974.95	11	3,701.01	11	3,420.85	11	3,065.30	11	2,701.51	11	2,337.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,229.35	1/4	3,969.36	1/4	3,695.18	1/4	3,415.02	1/4	3,057.72	1/4	2,693.93	1/4	2,330.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,224.07	1/2	3,963.76	1/2	3,689.36	1/2	3,409.18	1/2	3,050.14	1/2	2,686.36	1/2	2,322.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,218.80	3/4	3,958.17	3/4	3,683.53	3/4	3,403.34	3/4	3,042.56	3/4	2,678.78	3/4	2,314.99

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,307.41	0	1,943.62	0	1,579.90	0	1,220.64	0	865.97	0	509.11	0	144.63	0		0		0	
1/4	2,299.83	1/4	1,936.04	1/4	1,572.34	1/4	1,213.08	1/4	858.61	1/4	501.51	1/4	137.34	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,292.25	1/2	1,928.47	1/2	1,564.79	1/2	1,205.51	1/2	851.24	1/2	493.91	1/2	130.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,284.67	3/4	1,920.89	3/4	1,557.23	3/4	1,197.95	3/4	843.88	3/4	486.31	3/4	122.78	3/4	3/4	3/4	3/4	3/4	3/4
1	2,277.09	1	1,913.31	1	1,549.68	1	1,190.38	1	836.50	1	478.71	1	116.45	1	1	1	1	1	1
1/4	2,269.52	1/4	1,905.73	1/4	1,542.12	1/4	1,182.82	1/4	829.13	1/4	471.11	1/4	110.11	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,261.94	1/2	1,898.15	1/2	1,534.56	1/2	1,175.26	1/2	821.75	1/2	463.51	1/2	103.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,254.36	3/4	1,890.57	3/4	1,527.01	3/4	1,167.69	3/4	814.37	3/4	455.91	3/4	97.45	3/4	3/4	3/4	3/4	3/4	3/4
2	2,246.78	2	1,882.99	2	1,519.45	2	1,160.23	2	806.99	2	448.31	2	92.39	2	2	2	2	2	2
1/4	2,239.20	1/4	1,875.41	1/4	1,511.90	1/4	1,152.78	1/4	799.60	1/4	440.71	1/4	87.33	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,231.62	1/2	1,867.83	1/2	1,504.34	1/2	1,145.32	1/2	792.21	1/2	433.11	1/2	82.27	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,224.04	3/4	1,860.25	3/4	1,496.79	3/4	1,137.86	3/4	784.82	3/4	425.51	3/4	77.21	3/4	3/4	3/4	3/4	3/4	3/4
3	2,216.46	3	1,852.68	3	1,489.23	3	1,130.51	3	777.43	3	417.91	3	73.43	3	3	3	3	3	3
1/4	2,208.88	1/4	1,845.10	1/4	1,481.68	1/4	1,123.16	1/4	770.04	1/4	410.31	1/4	69.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,201.31	1/2	1,837.52	1/2	1,474.12	1/2	1,115.81	1/2	762.65	1/2	402.71	1/2	65.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,193.73	3/4	1,829.94	3/4	1,466.56	3/4	1,108.46	3/4	755.26	3/4	395.11	3/4	62.08	3/4	3/4	3/4	3/4	3/4	3/4
4	2,186.15	4	1,822.36	4	1,459.09	4	1,101.12	4	747.87	4	387.51	4	59.58	4	4	4	4	4	4
1/4	2,178.57	1/4	1,814.78	1/4	1,451.62	1/4	1,093.77	1/4	740.48	1/4	379.91	1/4	57.09	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,170.99	1/2	1,807.20	1/2	1,444.14	1/2	1,086.43	1/2	733.10	1/2	372.31	1/2	54.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,163.41	3/4	1,799.62	3/4	1,436.67	3/4	1,079.09	3/4	725.71	3/4	364.71	3/4	52.09	3/4	3/4	3/4	3/4	3/4	3/4
5	2,155.83	5	1,792.04	5	1,429.26	5	1,071.74	5	718.32	5	357.11	5	50.89	5	5	5	5	5	5
1/4	2,148.25	1/4	1,784.46	1/4	1,421.85	1/4	1,064.40	1/4	710.93	1/4	349.51	1/4	49.69	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,140.67	1/2	1,776.88	1/2	1,414.45	1/2	1,057.06	1/2	703.54	1/2	341.91	1/2	48.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,133.10	3/4	1,769.30	3/4	1,407.04	3/4	1,049.72	3/4	696.15	3/4	334.31	3/4	47.30	3/4	3/4	3/4	3/4	3/4	3/4
6	2,125.52	6	1,761.73	6	1,399.63	6	1,042.38	6	688.76	6	326.71	6		6	6	6	6	6	6
1/4	2,117.94	1/4	1,754.15	1/4	1,392.21	1/4	1,035.03	1/4	681.37	1/4	319.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,110.36	1/2	1,746.57	1/2	1,384.79	1/2	1,027.69	1/2	673.98	1/2	311.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,102.78	3/4	1,738.99	3/4	1,377.37	3/4	1,020.35	3/4	666.59	3/4	303.91	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	2,095.20	7	1,731.41	7	1,369.95	7	1,013.01	7	659.21	7	296.31	7	7	7	7	7	7	7	7
1/4	2,087.62	1/4	1,723.83	1/4	1,362.54	1/4	1,005.67	1/4	651.82	1/4	288.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,080.04	1/2	1,716.25	1/2	1,355.12	1/2	998.32	1/2	644.43	1/2	281.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,072.46	3/4	1,708.67	3/4	1,347.70	3/4	990.98	3/4	637.04	3/4	273.51	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	2,064.89	8	1,701.09	8	1,340.28	8	983.64	8	629.65	8	265.91	8	8	8	8	8	8	8	8
1/4	2,057.31	1/4	1,693.51	1/4	1,332.86	1/4	976.30	1/4	622.26	1/4	258.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,049.73	1/2	1,685.93	1/2	1,325.45	1/2	968.96	1/2	614.87	1/2	250.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,042.15	3/4	1,678.36	3/4	1,318.03	3/4	961.61	3/4	607.48	3/4	243.11	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	2,034.57	9	1,670.78	9	1,310.62	9	954.26	9	599.99	9	235.51	9	9	9	9	9	9	9	9
1/4	2,026.99	1/4	1,663.20	1/4	1,303.21	1/4	946.91	1/4	592.49	1/4	227.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,019.41	1/2	1,655.62	1/2	1,295.80	1/2	939.56	1/2	585.00	1/2	220.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,011.83	3/4	1,648.04	3/4	1,288.39	3/4	932.21	3/4	577.51	3/4	212.71	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	2,004.25	10	1,640.46	10	1,280.91	10	924.85	10	569.91	10	205.11	10	10	10	10	10	10	10	10
1/4	1,996.68	1/4	1,632.88	1/4	1,273.42	1/4	917.49	1/4	562.31	1/4	197.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,989.10	1/2	1,625.30	1/2	1,265.94	1/2	910.13	1/2	554.71	1/2	189.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,981.52	3/4	1,617.72	3/4	1,258.46	3/4	902.77	3/4	547.11	3/4	182.31	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,973.94	11	1,610.16	11	1,250.89	11	895.41	11	539.51	11	174.71	11	11	11	11	11	11	11	11
1/4	1,966.36	1/4	1,602.59	1/4	1,243.33	1/4	888.05	1/4	531.91	1/4	167.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,958.78	1/2	1,595.02	1/2	1,235.77	1/2	880.69	1/2	524.31	1/2	159.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,951.20	3/4	1,587.45	3/4	1,228.20	3/4	873.33	3/4	516.71	3/4	151.91	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	4,490.85	0	4,236.39	0	3,975.44	0	3,700.59	0	3,419.51	0	3,057.41	0	2,692.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,486.12	1/4	4,231.10	1/4	3,969.83	1/4	3,694.75	1/4	3,412.80	1/4	3,049.81	1/4	2,685.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,481.39	1/2	4,225.80	1/2	3,964.21	1/2	3,688.92	1/2	3,406.08	1/2	3,042.21	1/2	2,677.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,476.65	3/4	4,220.51	3/4	3,958.60	3/4	3,683.08	3/4	3,399.36	3/4	3,034.61	3/4	2,669.87
1		1		1		1	4,471.61	1	4,215.19	1	3,952.96	1	3,677.24	1	3,391.76	1	3,027.02	1	2,662.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,466.57	1/4	4,209.88	1/4	3,947.33	1/4	3,671.41	1/4	3,384.16	1/4	3,019.42	1/4	2,654.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,461.53	1/2	4,204.57	1/2	3,941.69	1/2	3,665.57	1/2	3,376.56	1/2	3,011.82	1/2	2,647.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,456.49	3/4	4,199.26	3/4	3,936.06	3/4	3,659.73	3/4	3,368.97	3/4	3,004.22	3/4	2,639.47
2		2		2		2	4,450.82	2	4,193.92	2	3,930.40	2	3,653.89	2	3,361.37	2	2,996.62	2	2,631.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,445.14	1/4	4,188.59	1/4	3,924.74	1/4	3,648.06	1/4	3,353.77	1/4	2,989.02	1/4	2,624.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,439.47	1/2	4,183.26	1/2	3,919.09	1/2	3,642.22	1/2	3,346.17	1/2	2,981.42	1/2	2,616.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,433.79	3/4	4,177.93	3/4	3,913.43	3/4	3,636.38	3/4	3,338.57	3/4	2,973.82	3/4	2,609.08
3		3		3		3	4,428.04	3	4,172.58	3	3,907.76	3	3,630.54	3	3,330.97	3	2,966.22	3	2,601.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,422.29	1/4	4,167.23	1/4	3,902.09	1/4	3,624.71	1/4	3,323.37	1/4	2,958.63	1/4	2,593.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,416.53	1/2	4,161.88	1/2	3,896.41	1/2	3,618.87	1/2	3,315.77	1/2	2,951.03	1/2	2,586.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,410.78	3/4	4,156.53	3/4	3,890.74	3/4	3,613.03	3/4	3,308.17	3/4	2,943.43	3/4	2,578.68
4		4		4		4	4,405.18	4	4,151.15	4	3,885.05	4	3,607.19	4	3,300.58	4	2,935.83	4	2,571.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,399.57	1/4	4,145.78	1/4	3,879.36	1/4	3,601.36	1/4	3,292.98	1/4	2,928.23	1/4	2,563.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,393.97	1/2	4,140.41	1/2	3,873.66	1/2	3,595.52	1/2	3,285.38	1/2	2,920.63	1/2	2,555.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,388.37	3/4	4,135.04	3/4	3,867.97	3/4	3,589.68	3/4	3,277.78	3/4	2,913.03	3/4	2,548.28
5		5		5		5	4,383.06	5	4,129.65	5	3,862.26	5	3,583.84	5	3,270.18	5	2,905.43	5	2,540.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,377.74	1/4	4,124.26	1/4	3,856.55	1/4	3,578.01	1/4	3,262.58	1/4	2,897.83	1/4	2,533.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,372.43	1/2	4,118.87	1/2	3,850.84	1/2	3,572.17	1/2	3,254.98	1/2	2,890.24	1/2	2,525.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,367.12	3/4	4,113.48	3/4	3,845.13	3/4	3,566.33	3/4	3,247.38	3/4	2,882.64	3/4	2,517.89
6		6		6		6	4,361.95	6	4,108.06	6	3,839.40	6	3,560.49	6	3,239.78	6	2,875.04	6	2,510.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,356.77	1/4	4,102.65	1/4	3,833.67	1/4	3,554.66	1/4	3,232.19	1/4	2,867.44	1/4	2,502.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,351.59	1/2	4,097.24	1/2	3,827.94	1/2	3,548.82	1/2	3,224.59	1/2	2,859.84	1/2	2,495.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,346.42	3/4	4,091.83	3/4	3,822.21	3/4	3,542.98	3/4	3,216.99	3/4	2,852.24	3/4	2,487.49
7		7		7		7	4,341.22	7	4,086.38	7	3,816.46	7	3,537.14	7	3,209.39	7	2,844.64	7	2,479.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,336.02	1/4	4,080.93	1/4	3,810.71	1/4	3,531.31	1/4	3,201.79	1/4	2,837.04	1/4	2,472.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,330.83	1/2	4,075.47	1/2	3,804.96	1/2	3,525.47	1/2	3,194.19	1/2	2,829.44	1/2	2,464.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,325.63	3/4	4,070.02	3/4	3,799.21	3/4	3,519.63	3/4	3,186.59	3/4	2,821.84	3/4	2,457.10
8		8		8		8	4,320.41	8	4,064.51	8	3,793.44	8	3,513.79	8	3,178.99	8	2,814.25	8	2,449.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,315.20	1/4	4,058.99	1/4	3,787.67	1/4	3,507.96	1/4	3,171.39	1/4	2,806.65	1/4	2,441.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,309.98	1/2	4,053.48	1/2	3,781.90	1/2	3,502.12	1/2	3,163.80	1/2	2,799.05	1/2	2,434.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,304.76	3/4	4,047.96	3/4	3,776.13	3/4	3,496.28	3/4	3,156.20	3/4	2,791.45	3/4	2,426.70
9		9		9		9	4,299.53	9	4,042.41	9	3,770.34	9	3,490.44	9	3,148.60	9	2,783.85	9	2,419.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,294.29	1/4	4,036.85	1/4	3,764.55	1/4	3,484.61	1/4	3,141.00	1/4	2,776.25	1/4	2,411.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,289.05	1/2	4,031.30	1/2	3,758.76	1/2	3,478.77	1/2	3,133.40	1/2	2,768.65	1/2	2,403.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,283.82	3/4	4,025.74	3/4	3,752.97	3/4	3,472.93	3/4	3,125.80	3/4	2,761.05	3/4	2,396.31
10		10		10		10	4,278.56	10	4,020.17	10	3,747.16	10	3,467.09	10	3,118.20	10	2,753.45	10	2,388.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,273.31	1/4	4,014.59	1/4	3,741.35	1/4	3,461.26	1/4	3,110.60	1/4	2,745.86	1/4	2,381.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,268.05	1/2	4,009.02	1/2	3,735.54	1/2	3,455.42	1/2	3,103.00	1/2	2,738.26	1/2	2,373.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,262.79	3/4	4,003.44	3/4	3,729.73	3/4	3,449.58	3/4	3,095.41	3/4	2,730.66	3/4	2,365.91
11		11		11		11	4,257.52	11	3,997.84	11	3,723.90	11	3,443.74	11	3,087.81	11	2,723.06	11	2,358.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,252.24	1/4	3,992.25	1/4	3,718.08	1/4	3,437.91	1/4	3,080.21	1/4	2,715.46	1/4	2,350.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,246.96	1/2	3,986.65	1/2	3,712.25	1/2	3,432.07	1/2	3,072.61	1/2	2,707.86	1/2	2,343.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,495.59	3/4	4,241.69	3/4	3,981.06	3/4	3,706.42	3/4	3,426.23	3/4	3,065.01	3/4	2,700.26

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 28075"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,327.92	0	1,963.17	0	1,598.41	0	1,237.54	0	873.75	0	509.11	0	144.63	0		0			
1/4	2,320.32	1/4	1,955.57	1/4	1,590.81	1/4	1,229.94	1/4	866.18	1/4	501.51	1/4	137.34	1/4		1/4			
1/2	2,312.72	1/2	1,947.97	1/2	1,583.21	1/2	1,222.34	1/2	858.61	1/2	493.91	1/2	130.06	1/2		1/2			
3/4	2,305.12	3/4	1,940.37	3/4	1,575.61	3/4	1,214.74	3/4	851.04	3/4	486.31	3/4	122.78	3/4		3/4			
1	2,297.52	1	1,932.77	1	1,568.02	1	1,207.14	1	843.45	1	478.71	1	116.45	1		1			
1/4	2,289.92	1/4	1,925.17	1/4	1,560.42	1/4	1,199.54	1/4	835.86	1/4	471.11	1/4	110.11	1/4		1/4			
1/2	2,282.32	1/2	1,917.57	1/2	1,552.82	1/2	1,191.94	1/2	828.28	1/2	463.51	1/2	103.78	1/2		1/2			
3/4	2,274.72	3/4	1,909.97	3/4	1,545.22	3/4	1,184.34	3/4	820.69	3/4	455.91	3/4	97.45	3/4		3/4			
2	2,267.13	2	1,902.38	2	1,537.62	2	1,176.74	2	813.09	2	448.31	2	92.39	2		2			
1/4	2,259.53	1/4	1,894.78	1/4	1,530.02	1/4	1,169.14	1/4	805.49	1/4	440.71	1/4	87.33	1/4		1/4			
1/2	2,251.93	1/2	1,887.18	1/2	1,522.42	1/2	1,161.54	1/2	797.89	1/2	433.11	1/2	82.27	1/2		1/2			
3/4	2,244.33	3/4	1,879.58	3/4	1,514.82	3/4	1,153.94	3/4	790.29	3/4	425.51	3/4	77.21	3/4		3/4			
3	2,236.73	3	1,871.98	3	1,507.22	3	1,146.35	3	782.69	3	417.91	3	73.43	3		3			
1/4	2,229.13	1/4	1,864.38	1/4	1,499.62	1/4	1,138.76	1/4	775.09	1/4	410.31	1/4	69.65	1/4		1/4			
1/2	2,221.53	1/2	1,856.78	1/2	1,492.02	1/2	1,131.18	1/2	767.49	1/2	402.71	1/2	65.86	1/2		1/2			
3/4	2,213.93	3/4	1,849.18	3/4	1,484.43	3/4	1,123.59	3/4	759.89	3/4	395.11	3/4	62.08	3/4		3/4			
4	2,206.33	4	1,841.58	4	1,476.91	4	1,116.02	4	752.29	4	387.51	4	59.58	4		4			
1/4	2,198.74	1/4	1,833.98	1/4	1,469.39	1/4	1,108.45	1/4	744.69	1/4	379.91	1/4	57.09	1/4		1/4			
1/2	2,191.14	1/2	1,826.38	1/2	1,461.87	1/2	1,100.87	1/2	737.10	1/2	372.31	1/2	54.59	1/2		1/2			
3/4	2,183.54	3/4	1,818.79	3/4	1,454.35	3/4	1,093.30	3/4	729.50	3/4	364.71	3/4	52.09	3/4		3/4			
5	2,175.94	5	1,811.19	5	1,446.92	5	1,085.73	5	721.90	5	357.11	5	50.89	5		5			
1/4	2,168.34	1/4	1,803.59	1/4	1,439.48	1/4	1,078.16	1/4	714.30	1/4	349.51	1/4	49.69	1/4		1/4			
1/2	2,160.74	1/2	1,795.99	1/2	1,432.04	1/2	1,070.59	1/2	706.70	1/2	341.91	1/2	48.49	1/2		1/2			
3/4	2,153.14	3/4	1,788.39	3/4	1,424.61	3/4	1,063.02	3/4	699.10	3/4	334.31	3/4	47.30	3/4		3/4			
6	2,145.54	6	1,780.79	6	1,417.17	6	1,055.45	6	691.50	6	326.71	6		6		6			
1/4	2,137.94	1/4	1,773.19	1/4	1,409.73	1/4	1,047.88	1/4	683.90	1/4	319.11	1/4		1/4		1/4			
1/2	2,130.35	1/2	1,765.59	1/2	1,402.29	1/2	1,040.31	1/2	676.30	1/2	311.51	1/2		1/2		1/2			
3/4	2,122.75	3/4	1,757.99	3/4	1,394.86	3/4	1,032.74	3/4	668.70	3/4	303.91	3/4		3/4		3/4			
7	2,115.15	7	1,750.39	7	1,387.42	7	1,025.17	7	661.10	7	296.31	7		7		7			
1/4	2,107.55	1/4	1,742.79	1/4	1,379.98	1/4	1,017.60	1/4	653.50	1/4	288.71	1/4		1/4		1/4			
1/2	2,099.95	1/2	1,735.20	1/2	1,372.55	1/2	1,010.03	1/2	645.90	1/2	281.11	1/2		1/2		1/2			
3/4	2,092.35	3/4	1,727.60	3/4	1,365.11	3/4	1,002.46	3/4	638.30	3/4	273.51	3/4		3/4		3/4			
8	2,084.75	8	1,720.00	8	1,357.67	8	994.88	8	630.70	8	265.91	8		8		8			
1/4	2,077.15	1/4	1,712.40	1/4	1,350.23	1/4	987.31	1/4	623.10	1/4	258.31	1/4		1/4		1/4			
1/2	2,069.55	1/2	1,704.80	1/2	1,342.80	1/2	979.74	1/2	615.50	1/2	250.71	1/2		1/2		1/2			
3/4	2,061.95	3/4	1,697.20	3/4	1,335.36	3/4	972.17	3/4	607.90	3/4	243.11	3/4		3/4		3/4			
9	2,054.36	9	1,689.60	9	1,327.92	9	964.60	9	600.30	9	235.51	9		9		9			
1/4	2,046.76	1/4	1,682.00	1/4	1,320.48	1/4	957.03	1/4	592.70	1/4	227.91	1/4		1/4		1/4			
1/2	2,039.16	1/2	1,674.40	1/2	1,313.05	1/2	949.46	1/2	585.10	1/2	220.31	1/2		1/2		1/2			
3/4	2,031.56	3/4	1,666.80	3/4	1,305.61	3/4	941.89	3/4	577.51	3/4	212.71	3/4		3/4		3/4			
10	2,023.96	10	1,659.20	10	1,298.09	10	934.32	10	569.91	10	205.11	10		10		10			
1/4	2,016.36	1/4	1,651.61	1/4	1,290.57	1/4	926.75	1/4	562.31	1/4	197.51	1/4		1/4		1/4			
1/2	2,008.76	1/2	1,644.01	1/2	1,283.05	1/2	919.18	1/2	554.71	1/2	189.91	1/2		1/2		1/2			
3/4	2,001.16	3/4	1,636.41	3/4	1,275.54	3/4	911.61	3/4	547.11	3/4	182.31	3/4		3/4		3/4			
11	1,993.56	11	1,628.81	11	1,267.94	11	904.04	11	539.51	11	174.71	11		11		11			
1/4	1,985.97	1/4	1,621.21	1/4	1,260.34	1/4	896.47	1/4	531.91	1/4	167.11	1/4		1/4		1/4			
1/2	1,978.37	1/2	1,613.61	1/2	1,252.74	1/2	888.90	1/2	524.31	1/2	159.51	1/2		1/2		1/2			
3/4	1,970.77	3/4	1,606.01	3/4	1,245.14	3/4	881.33	3/4	516.71	3/4	151.91	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2006 CL - SW
CALCULATED: 06/07/2006 CL
PRINTED: 06/08/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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