



BARGE "KIRBY 30041B"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8
3 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8

(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 - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 285'-06"

March 30, 2007

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30041B"

1 PORT
ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

Table with columns for height (0 FT. to 9 FT.) and gauge height (IN 0, 1/4, 1/2, 3/4). Each row contains capacity values for each gauge height.

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'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "KIRBY 30041B"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,635.43	0	2,239.84	0	1,844.26	0	1,449.22	0	1,054.35	0	658.78	0	263.37	0		0		0	
1/4	2,627.19	1/4	2,231.60	1/4	1,836.02	1/4	1,441.00	1/4	1,046.11	1/4	650.54	1/4	255.14	1/4		1/4		1/4	
1/2	2,618.95	1/2	2,223.36	1/2	1,827.77	1/2	1,432.78	1/2	1,037.87	1/2	642.30	1/2	246.91	1/2		1/2		1/2	
3/4	2,610.71	3/4	2,215.12	3/4	1,819.53	3/4	1,424.57	3/4	1,029.63	3/4	634.06	3/4	238.69	3/4		3/4		3/4	
1	2,602.47	1	2,206.88	1	1,811.29	1	1,416.35	1	1,021.39	1	625.82	1	230.46	1		1		1	
1/4	2,594.22	1/4	2,198.64	1/4	1,803.05	1/4	1,408.13	1/4	1,013.15	1/4	617.58	1/4	222.24	1/4		1/4		1/4	
1/2	2,585.98	1/2	2,190.40	1/2	1,794.81	1/2	1,399.91	1/2	1,004.91	1/2	609.33	1/2	214.01	1/2		1/2		1/2	
3/4	2,577.74	3/4	2,182.15	3/4	1,786.57	3/4	1,391.69	3/4	996.67	3/4	601.09	3/4	205.79	3/4		3/4		3/4	
2	2,569.50	2	2,173.91	2	1,778.33	2	1,383.47	2	988.42	2	592.85	2	197.57	2		2		2	
1/4	2,561.26	1/4	2,165.67	1/4	1,770.08	1/4	1,375.26	1/4	980.18	1/4	584.61	1/4	189.35	1/4		1/4		1/4	
1/2	2,553.02	1/2	2,157.43	1/2	1,761.84	1/2	1,367.04	1/2	971.94	1/2	576.37	1/2	181.14	1/2		1/2		1/2	
3/4	2,544.78	3/4	2,149.19	3/4	1,753.60	3/4	1,358.82	3/4	963.70	3/4	568.13	3/4	172.93	3/4		3/4		3/4	
3	2,536.53	3	2,140.95	3	1,745.36	3	1,350.60	3	955.46	3	559.89	3	164.72	3		3		3	
1/4	2,528.29	1/4	2,132.71	1/4	1,737.12	1/4	1,342.38	1/4	947.22	1/4	551.65	1/4	156.52	1/4		1/4		1/4	
1/2	2,520.05	1/2	2,124.46	1/2	1,728.88	1/2	1,334.16	1/2	938.98	1/2	543.41	1/2	148.32	1/2		1/2		1/2	
3/4	2,511.81	3/4	2,116.22	3/4	1,720.64	3/4	1,325.95	3/4	930.74	3/4	535.16	3/4	140.13	3/4		3/4		3/4	
4	2,503.57	4	2,107.98	4	1,712.39	4	1,317.73	4	922.50	4	526.92	4	131.93	4		4		4	
1/4	2,495.33	1/4	2,099.74	1/4	1,704.15	1/4	1,309.51	1/4	914.25	1/4	518.68	1/4	123.75	1/4		1/4		1/4	
1/2	2,487.09	1/2	2,091.50	1/2	1,695.91	1/2	1,301.30	1/2	906.01	1/2	510.44	1/2	115.56	1/2		1/2		1/2	
3/4	2,478.84	3/4	2,083.26	3/4	1,687.67	3/4	1,293.09	3/4	897.77	3/4	502.20	3/4	107.38	3/4		3/4		3/4	
5	2,470.60	5	2,075.02	5	1,679.43	5	1,284.87	5	889.53	5	493.96	5	99.19	5		5		5	
1/4	2,462.36	1/4	2,066.77	1/4	1,671.19	1/4	1,276.66	1/4	881.29	1/4	485.72	1/4	91.05	1/4		1/4		1/4	
1/2	2,454.12	1/2	2,058.53	1/2	1,662.95	1/2	1,268.45	1/2	873.05	1/2	477.48	1/2	82.92	1/2		1/2		1/2	
3/4	2,445.88	3/4	2,050.29	3/4	1,654.70	3/4	1,260.24	3/4	864.81	3/4	469.24	3/4	74.78	3/4		3/4		3/4	
6	2,437.64	6	2,042.05	6	1,646.46	6	1,252.02	6	856.57	6	460.99	6	66.64	6		6		6	
1/4	2,429.40	1/4	2,033.81	1/4	1,638.24	1/4	1,243.79	1/4	848.33	1/4	452.75	1/4	59.43	1/4		1/4		1/4	
1/2	2,421.15	1/2	2,025.57	1/2	1,630.03	1/2	1,235.55	1/2	840.09	1/2	444.51	1/2	52.23	1/2		1/2		1/2	
3/4	2,412.91	3/4	2,017.33	3/4	1,621.81	3/4	1,227.31	3/4	831.84	3/4	436.27	3/4	45.02	3/4		3/4		3/4	
7	2,404.67	7	2,009.08	7	1,613.59	7	1,219.08	7	823.60	7	428.03	7	37.82	7		7		7	
1/4	2,396.43	1/4	2,000.84	1/4	1,605.37	1/4	1,210.84	1/4	815.36	1/4	419.79	1/4	32.66	1/4		1/4		1/4	
1/2	2,388.19	1/2	1,992.60	1/2	1,597.15	1/2	1,202.61	1/2	807.12	1/2	411.55	1/2	27.51	1/2		1/2		1/2	
3/4	2,379.95	3/4	1,984.36	3/4	1,588.93	3/4	1,194.37	3/4	798.88	3/4	403.31	3/4	22.36	3/4		3/4		3/4	
8	2,371.71	8	1,976.12	8	1,580.72	8	1,186.13	8	790.64	8	395.07	8	17.21	8		8		8	
1/4	2,363.47	1/4	1,967.88	1/4	1,572.50	1/4	1,177.90	1/4	782.40	1/4	386.82	1/4		1/4		1/4		1/4	
1/2	2,355.22	1/2	1,959.64	1/2	1,564.28	1/2	1,169.66	1/2	774.16	1/2	378.58	1/2		1/2		1/2		1/2	
3/4	2,346.98	3/4	1,951.40	3/4	1,556.06	3/4	1,161.42	3/4	765.92	3/4	370.34	3/4		3/4		3/4		3/4	
9	2,338.74	9	1,943.15	9	1,547.84	9	1,153.19	9	757.67	9	362.10	9		9		9		9	
1/4	2,330.50	1/4	1,934.91	1/4	1,539.62	1/4	1,144.95	1/4	749.43	1/4	353.87	1/4		1/4		1/4		1/4	
1/2	2,322.26	1/2	1,926.67	1/2	1,531.41	1/2	1,136.72	1/2	741.19	1/2	345.65	1/2		1/2		1/2		1/2	
3/4	2,314.02	3/4	1,918.43	3/4	1,523.19	3/4	1,128.48	3/4	732.95	3/4	337.42	3/4		3/4		3/4		3/4	
10	2,305.78	10	1,910.19	10	1,514.97	10	1,120.24	10	724.71	10	329.19	10		10		10		10	
1/4	2,297.53	1/4	1,901.95	1/4	1,506.75	1/4	1,112.01	1/4	716.47	1/4	320.96	1/4		1/4		1/4		1/4	
1/2	2,289.29	1/2	1,893.71	1/2	1,498.53	1/2	1,103.77	1/2	708.23	1/2	312.74	1/2		1/2		1/2		1/2	
3/4	2,281.05	3/4	1,885.46	3/4	1,490.31	3/4	1,095.53	3/4	699.99	3/4	304.51	3/4		3/4		3/4		3/4	
11	2,272.81	11	1,877.22	11	1,482.10	11	1,087.30	11	691.75	11	296.28	11		11		11		11	
1/4	2,264.57	1/4	1,868.98	1/4	1,473.88	1/4	1,079.06	1/4	683.50	1/4	288.05	1/4		1/4		1/4		1/4	
1/2	2,256.33	1/2	1,860.74	1/2	1,465.66	1/2	1,070.83	1/2	675.26	1/2	279.82	1/2		1/2		1/2		1/2	
3/4	2,248.09	3/4	1,852.50	3/4	1,457.44	3/4	1,062.59	3/4	667.02	3/4	271.60	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
CALCULATED: 03/30/2007 CL
PRINTED: 03/30/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT
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BARGE "KIRBY 30041B"

1 STBD
ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1	5,307.67	1	4,963.54	1	4,592.34	1	4,201.89	1	3,806.50	1	3,411.11	1	3,015.67
1/4		1/4		1/4		1/4	5,302.86	1/4	4,956.02	1/4	4,584.40	1/4	4,193.65	1/4	3,798.26	1/4	3,402.87	1/4	3,007.43
1/2		1/2		1/2		1/2	5,298.06	1/2	4,948.50	1/2	4,576.45	1/2	4,185.41	1/2	3,790.02	1/2	3,394.63	1/2	2,999.19
3/4		3/4		3/4		3/4	5,291.88	3/4	4,940.94	3/4	4,568.48	3/4	4,177.18	3/4	3,781.79	3/4	3,386.40	3/4	2,990.95
2		2		2		2	5,285.69	2	4,933.38	2	4,560.50	2	4,168.94	2	3,773.55	2	3,378.16	2	2,982.71
1/4		1/4		1/4		1/4	5,279.51	1/4	4,925.82	1/4	4,552.52	1/4	4,160.70	1/4	3,765.31	1/4	3,369.92	1/4	2,974.46
1/2		1/2		1/2		1/2	5,273.33	1/2	4,918.27	1/2	4,544.54	1/2	4,152.46	1/2	3,757.07	1/2	3,361.68	1/2	2,966.22
3/4		3/4		3/4		3/4	5,265.78	3/4	4,910.67	3/4	4,536.53	3/4	4,144.23	3/4	3,748.84	3/4	3,353.45	3/4	2,957.98
3		3		3		3	5,258.22	3	4,903.08	3	4,528.51	3	4,135.99	3	3,740.60	3	3,345.21	3	2,949.74
1/4		1/4		1/4		1/4	5,250.67	1/4	4,895.49	1/4	4,520.50	1/4	4,127.75	1/4	3,732.36	1/4	3,336.97	1/4	2,941.50
1/2		1/2		1/2		1/2	5,243.11	1/2	4,887.89	1/2	4,512.48	1/2	4,119.52	1/2	3,724.13	1/2	3,328.73	1/2	2,933.26
3/4		3/4		3/4		3/4	5,235.91	3/4	4,880.26	3/4	4,504.44	3/4	4,111.28	3/4	3,715.89	3/4	3,320.50	3/4	2,925.01
4		4		4		4	5,228.70	4	4,872.64	4	4,496.39	4	4,103.04	4	3,707.65	4	3,312.26	4	2,916.77
1/4		1/4		1/4		1/4	5,221.49	1/4	4,865.01	1/4	4,488.34	1/4	4,094.80	1/4	3,699.41	1/4	3,304.02	1/4	2,908.53
1/2		1/2		1/2		1/2	5,214.28	1/2	4,857.38	1/2	4,480.29	1/2	4,086.57	1/2	3,691.18	1/2	3,295.79	1/2	2,900.29
3/4		3/4		3/4		3/4	5,207.04	3/4	4,849.72	3/4	4,472.21	3/4	4,078.33	3/4	3,682.94	3/4	3,287.55	3/4	2,892.05
5		5		5		5	5,199.80	5	4,842.05	5	4,464.12	5	4,070.09	5	3,674.70	5	3,279.31	5	2,883.81
1/4		1/4		1/4		1/4	5,192.55	1/4	4,834.39	1/4	4,456.04	1/4	4,061.85	1/4	3,666.46	1/4	3,271.07	1/4	2,875.56
1/2		1/2		1/2		1/2	5,185.31	1/2	4,826.73	1/2	4,447.95	1/2	4,053.62	1/2	3,658.23	1/2	3,262.84	1/2	2,867.32
3/4		3/4		3/4		3/4	5,178.03	3/4	4,819.03	3/4	4,439.83	3/4	4,045.38	3/4	3,649.99	3/4	3,254.60	3/4	2,859.08
6		6		6		6	5,170.76	6	4,811.33	6	4,431.72	6	4,037.14	6	3,641.75	6	3,246.36	6	2,850.84
1/4		1/4		1/4		1/4	5,163.48	1/4	4,803.63	1/4	4,423.60	1/4	4,028.91	1/4	3,633.51	1/4	3,238.12	1/4	2,842.60
1/2		1/2		1/2		1/2	5,156.20	1/2	4,795.93	1/2	4,415.48	1/2	4,020.67	1/2	3,625.28	1/2	3,229.89	1/2	2,834.36
3/4		3/4		3/4		3/4	5,148.89	3/4	4,788.20	3/4	4,407.32	3/4	4,012.43	3/4	3,617.04	3/4	3,221.65	3/4	2,826.11
7		7		7		7	5,141.57	7	4,780.47	7	4,399.17	7	4,004.19	7	3,608.80	7	3,213.41	7	2,817.87
1/4		1/4		1/4		1/4	5,134.26	1/4	4,772.73	1/4	4,391.02	1/4	3,995.96	1/4	3,600.57	1/4	3,205.18	1/4	2,809.63
1/2		1/2		1/2		1/2	5,126.95	1/2	4,765.00	1/2	4,382.86	1/2	3,987.72	1/2	3,592.33	1/2	3,196.94	1/2	2,801.39
3/4		3/4		3/4		3/4	5,119.60	3/4	4,757.23	3/4	4,374.67	3/4	3,979.48	3/4	3,584.09	3/4	3,188.70	3/4	2,793.15
8		8		8		8	5,112.25	8	4,749.46	8	4,366.48	8	3,971.24	8	3,575.85	8	3,180.46	8	2,784.91
1/4		1/4		1/4		1/4	5,104.91	1/4	4,741.69	1/4	4,358.29	1/4	3,963.01	1/4	3,567.62	1/4	3,172.23	1/4	2,776.66
1/2		1/2		1/2		1/2	5,097.56	1/2	4,733.93	1/2	4,350.10	1/2	3,954.77	1/2	3,559.38	1/2	3,163.99	1/2	2,768.42
3/4		3/4		3/4		3/4	5,090.18	3/4	4,726.12	3/4	4,341.88	3/4	3,946.53	3/4	3,551.14	3/4	3,155.75	3/4	2,760.18
9		9		9		9	5,082.79	9	4,718.32	9	4,333.66	9	3,938.29	9	3,542.90	9	3,147.51	9	2,751.94
1/4		1/4		1/4		1/4	5,075.41	1/4	4,710.52	1/4	4,325.43	1/4	3,930.06	1/4	3,534.67	1/4	3,139.28	1/4	2,743.70
1/2		1/2		1/2		1/2	5,068.03	1/2	4,702.71	1/2	4,317.21	1/2	3,921.82	1/2	3,526.43	1/2	3,131.04	1/2	2,735.46
3/4		3/4		3/4		3/4	5,060.61	3/4	4,694.87	3/4	4,308.97	3/4	3,913.58	3/4	3,518.19	3/4	3,122.80	3/4	2,727.21
10		10		10		10	5,053.19	10	4,687.04	10	4,300.74	10	3,905.35	10	3,509.96	10	3,114.56	10	2,718.97
1/4		1/4		1/4		1/4	5,045.77	1/4	4,679.20	1/4	4,292.50	1/4	3,897.11	1/4	3,501.72	1/4	3,106.33	1/4	2,710.73
1/2		1/2		1/2		1/2	5,038.35	1/2	4,671.36	1/2	4,284.26	1/2	3,888.87	1/2	3,493.48	1/2	3,098.09	1/2	2,702.49
3/4		3/4		3/4		3/4	5,030.90	3/4	4,663.48	3/4	4,276.02	3/4	3,880.63	3/4	3,485.24	3/4	3,089.85	3/4	2,694.25
11		11		11		11	5,023.45	11	4,655.61	11	4,267.79	11	3,872.40	11	3,477.01	11	3,081.61	11	2,686.01
1/4		1/4		1/4		1/4	5,016.00	1/4	4,647.74	1/4	4,259.55	1/4	3,864.16	1/4	3,468.77	1/4	3,073.37	1/4	2,677.76
1/2		1/2		1/2		1/2	5,008.54	1/2	4,639.86	1/2	4,251.31	1/2	3,855.92	1/2	3,460.53	1/2	3,065.12	1/2	2,669.52
3/4		3/4		3/4		3/4	5,001.05	3/4	4,631.96	3/4	4,243.08	3/4	3,847.68	3/4	3,452.29	3/4	3,056.88	3/4	2,661.28

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 30041B"

**1 STBD
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,653.04	0	2,257.44	0	1,862.05	0	1,466.42	0	1,070.95	0	675.34	0	279.85	0		0		0	
1/4	2,644.80	1/4	2,249.20	1/4	1,853.80	1/4	1,458.17	1/4	1,062.71	1/4	667.10	1/4	271.63	1/4	1/4		1/4		1/4
1/2	2,636.56	1/2	2,240.95	1/2	1,845.56	1/2	1,449.93	1/2	1,054.48	1/2	658.86	1/2	263.40	1/2	1/2	1/2	1/2		1/2
3/4	2,628.31	3/4	2,232.71	3/4	1,837.32	3/4	1,441.69	3/4	1,046.23	3/4	650.61	3/4	255.17	3/4	3/4	3/4	3/4		3/4
1	2,620.07	1	2,224.47	1	1,829.08	1	1,433.45	1	1,037.99	1	642.37	1	246.94	1		1		1	
1/4	2,611.83	1/4	2,216.23	1/4	1,820.83	1/4	1,425.20	1/4	1,029.75	1/4	634.13	1/4	238.71	1/4	1/4	1/4		1/4	
1/2	2,603.59	1/2	2,207.99	1/2	1,812.59	1/2	1,416.96	1/2	1,021.51	1/2	625.89	1/2	230.48	1/2	1/2	1/2	1/2		1/2
3/4	2,595.35	3/4	2,199.75	3/4	1,804.35	3/4	1,408.72	3/4	1,013.27	3/4	617.65	3/4	222.26	3/4	3/4	3/4	3/4		3/4
2	2,587.10	2	2,191.50	2	1,796.11	2	1,400.48	2	1,005.02	2	609.40	2	214.04	2		2		2	
1/4	2,578.86	1/4	2,183.26	1/4	1,787.87	1/4	1,392.23	1/4	996.78	1/4	601.16	1/4	205.81	1/4	1/4	1/4		1/4	
1/2	2,570.62	1/2	2,175.02	1/2	1,779.62	1/2	1,383.99	1/2	988.54	1/2	592.92	1/2	197.59	1/2	1/2	1/2	1/2		1/2
3/4	2,562.38	3/4	2,166.78	3/4	1,771.38	3/4	1,375.75	3/4	980.30	3/4	584.68	3/4	189.38	3/4	3/4	3/4	3/4		3/4
3	2,554.14	3	2,158.54	3	1,763.14	3	1,367.51	3	972.06	3	576.43	3	181.16	3		3		3	
1/4	2,545.90	1/4	2,150.29	1/4	1,754.90	1/4	1,359.27	1/4	963.81	1/4	568.19	1/4	172.95	1/4	1/4	1/4		1/4	
1/2	2,537.65	1/2	2,142.05	1/2	1,746.65	1/2	1,351.02	1/2	955.57	1/2	559.95	1/2	164.73	1/2	1/2	1/2	1/2		1/2
3/4	2,529.41	3/4	2,133.81	3/4	1,738.41	3/4	1,342.78	3/4	947.33	3/4	551.71	3/4	156.54	3/4	3/4	3/4	3/4		3/4
4	2,521.17	4	2,125.57	4	1,730.17	4	1,334.54	4	939.09	4	543.47	4	148.34	4		4		4	
1/4	2,512.93	1/4	2,117.33	1/4	1,721.93	1/4	1,326.30	1/4	930.84	1/4	535.22	1/4	140.14	1/4	1/4	1/4		1/4	
1/2	2,504.69	1/2	2,109.09	1/2	1,713.68	1/2	1,318.05	1/2	922.60	1/2	526.98	1/2	131.94	1/2	1/2	1/2	1/2		1/2
3/4	2,496.45	3/4	2,100.84	3/4	1,705.44	3/4	1,309.82	3/4	914.36	3/4	518.74	3/4	123.76	3/4	3/4	3/4	3/4		3/4
5	2,488.20	5	2,092.60	5	1,697.20	5	1,301.58	5	906.12	5	510.50	5	115.57	5		5		5	
1/4	2,479.96	1/4	2,084.36	1/4	1,688.96	1/4	1,293.34	1/4	897.88	1/4	502.26	1/4	107.39	1/4	1/4	1/4		1/4	
1/2	2,471.72	1/2	2,076.12	1/2	1,680.72	1/2	1,285.11	1/2	889.63	1/2	494.01	1/2	99.20	1/2	1/2	1/2	1/2		1/2
3/4	2,463.48	3/4	2,067.88	3/4	1,672.47	3/4	1,276.87	3/4	881.39	3/4	485.77	3/4	91.06	3/4	3/4	3/4	3/4		3/4
6	2,455.24	6	2,059.65	6	1,664.23	6	1,268.63	6	873.15	6	477.53	6	82.92	6		6		6	
1/4	2,447.00	1/4	2,051.42	1/4	1,655.99	1/4	1,260.40	1/4	864.91	1/4	469.29	1/4	74.79	1/4	1/4	1/4		1/4	
1/2	2,438.75	1/2	2,043.18	1/2	1,647.75	1/2	1,252.16	1/2	856.67	1/2	461.05	1/2	66.65	1/2	1/2	1/2	1/2		1/2
3/4	2,430.51	3/4	2,034.95	3/4	1,639.50	3/4	1,243.92	3/4	848.42	3/4	452.80	3/4	59.44	3/4	3/4	3/4	3/4		3/4
7	2,422.27	7	2,026.72	7	1,631.26	7	1,235.69	7	840.18	7	444.56	7	52.23	7		7		7	
1/4	2,414.03	1/4	2,018.50	1/4	1,623.02	1/4	1,227.45	1/4	831.94	1/4	436.32	1/4	45.03	1/4	1/4	1/4		1/4	
1/2	2,405.79	1/2	2,010.27	1/2	1,614.78	1/2	1,219.21	1/2	823.70	1/2	428.08	1/2	37.82	1/2	1/2	1/2	1/2		1/2
3/4	2,397.55	3/4	2,002.04	3/4	1,606.53	3/4	1,210.98	3/4	815.46	3/4	419.83	3/4	32.67	3/4	3/4	3/4	3/4		3/4
8	2,389.30	8	1,993.81	8	1,598.29	8	1,202.74	8	807.21	8	411.59	8	27.52	8		8		8	
1/4	2,381.06	1/4	1,985.58	1/4	1,590.05	1/4	1,194.50	1/4	798.97	1/4	403.35	1/4	22.37	1/4	1/4	1/4		1/4	
1/2	2,372.82	1/2	1,977.35	1/2	1,581.81	1/2	1,186.27	1/2	790.73	1/2	395.11	1/2	17.21	1/2	1/2	1/2	1/2		1/2
3/4	2,364.58	3/4	1,969.13	3/4	1,573.57	3/4	1,178.03	3/4	782.49	3/4	386.87	3/4		3/4	3/4	3/4	3/4		3/4
9	2,356.34	9	1,960.90	9	1,565.32	9	1,169.79	9	774.24	9	378.62	9		9		9		9	
1/4	2,348.10	1/4	1,952.67	1/4	1,557.08	1/4	1,161.55	1/4	766.00	1/4	370.38	1/4		1/4	1/4	1/4		1/4	
1/2	2,339.85	1/2	1,944.44	1/2	1,548.84	1/2	1,153.32	1/2	757.76	1/2	362.14	1/2		1/2	1/2	1/2	1/2		1/2
3/4	2,331.61	3/4	1,936.21	3/4	1,540.60	3/4	1,145.08	3/4	749.52	3/4	353.91	3/4		3/4	3/4	3/4	3/4		3/4
10	2,323.37	10	1,927.97	10	1,532.35	10	1,136.84	10	741.28	10	345.68	10		10		10		10	
1/4	2,315.13	1/4	1,919.74	1/4	1,524.11	1/4	1,128.61	1/4	733.03	1/4	337.45	1/4		1/4	1/4	1/4		1/4	
1/2	2,306.89	1/2	1,911.50	1/2	1,515.87	1/2	1,120.37	1/2	724.79	1/2	329.23	1/2		1/2	1/2	1/2	1/2		1/2
3/4	2,298.65	3/4	1,903.26	3/4	1,507.63	3/4	1,112.13	3/4	716.55	3/4	321.00	3/4		3/4	3/4	3/4	3/4		3/4
11	2,290.40	11	1,895.01	11	1,499.38	11	1,103.90	11	708.31	11	312.77	11		11		11		11	
1/4	2,282.16	1/4	1,886.77	1/4	1,491.14	1/4	1,095.66	1/4	700.07	1/4	304.54	1/4		1/4	1/4	1/4		1/4	
1/2	2,273.92	1/2	1,878.53	1/2	1,482.90	1/2	1,087.42	1/2	691.82	1/2	296.31	1/2		1/2	1/2	1/2	1/2		1/2
3/4	2,265.68	3/4	1,870.29	3/4	1,474.66	3/4	1,079.19	3/4	683.58	3/4	288.08	3/4		3/4	3/4	3/4	3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
 CALCULATED: 03/30/2007 CL
 PRINTED: 03/30/2007 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2007

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



BARGE "KIRBY 30041B"

2 PORT
ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

Table with columns for height (0 to 9 FT.) and ullage (0 to 3/4), containing capacity values in whole barrels.

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.

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BARGE "KIRBY 30041B"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,628.18	0	2,234.07	0	1,839.96	0	1,446.47	0	1,066.83	0	672.74	0	278.78	0		0		0	
1/4	2,619.97	1/4	2,225.86	1/4	1,831.75	1/4	1,438.57	1/4	1,058.62	1/4	664.53	1/4	270.58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,611.75	1/2	2,217.65	1/2	1,823.54	1/2	1,430.67	1/2	1,050.41	1/2	656.32	1/2	262.39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,603.54	3/4	2,209.44	3/4	1,815.33	3/4	1,422.77	3/4	1,042.20	3/4	648.11	3/4	254.19	3/4	3/4	3/4	3/4	3/4	3/4
1	2,595.33	1	2,201.22	1	1,807.12	1	1,414.87	1	1,033.99	1	639.90	1	245.99	1		1		1	
1/4	2,587.12	1/4	2,193.01	1/4	1,798.91	1/4	1,406.97	1/4	1,025.78	1/4	631.69	1/4	237.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,578.91	1/2	2,184.80	1/2	1,790.69	1/2	1,399.07	1/2	1,017.57	1/2	623.48	1/2	229.60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,570.70	3/4	2,176.59	3/4	1,782.48	3/4	1,391.17	3/4	1,009.36	3/4	615.27	3/4	221.41	3/4	3/4	3/4	3/4	3/4	3/4
2	2,562.49	2	2,168.38	2	1,774.27	2	1,383.27	2	1,001.15	2	607.06	2	213.22	2		2		2	
1/4	2,554.28	1/4	2,160.17	1/4	1,766.06	1/4	1,375.38	1/4	992.94	1/4	598.85	1/4	205.02	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,546.07	1/2	2,151.96	1/2	1,757.85	1/2	1,367.48	1/2	984.73	1/2	590.64	1/2	196.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,537.86	3/4	2,143.75	3/4	1,749.64	3/4	1,359.58	3/4	976.52	3/4	582.43	3/4	188.65	3/4	3/4	3/4	3/4	3/4	3/4
3	2,529.65	3	2,135.54	3	1,741.43	3	1,351.68	3	968.31	3	574.22	3	180.47	3		3		3	
1/4	2,521.44	1/4	2,127.33	1/4	1,733.22	1/4	1,343.78	1/4	960.10	1/4	566.01	1/4	172.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,513.23	1/2	2,119.12	1/2	1,725.01	1/2	1,335.88	1/2	951.89	1/2	557.80	1/2	164.10	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,505.02	3/4	2,110.91	3/4	1,716.80	3/4	1,327.98	3/4	943.68	3/4	549.59	3/4	155.94	3/4	3/4	3/4	3/4	3/4	3/4
4	2,496.81	4	2,102.70	4	1,708.59	4	1,320.08	4	935.47	4	541.38	4	147.77	4		4		4	
1/4	2,488.60	1/4	2,094.49	1/4	1,700.38	1/4	1,312.18	1/4	927.26	1/4	533.17	1/4	139.61	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,480.39	1/2	2,086.28	1/2	1,692.17	1/2	1,304.28	1/2	919.05	1/2	524.95	1/2	131.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,472.17	3/4	2,078.07	3/4	1,683.96	3/4	1,296.38	3/4	910.84	3/4	516.74	3/4	123.29	3/4	3/4	3/4	3/4	3/4	3/4
5	2,463.96	5	2,069.86	5	1,675.75	5	1,288.49	5	902.63	5	508.53	5	115.13	5		5		5	
1/4	2,455.75	1/4	2,061.64	1/4	1,667.54	1/4	1,280.60	1/4	894.42	1/4	500.32	1/4	106.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,447.54	1/2	2,053.43	1/2	1,659.33	1/2	1,272.70	1/2	886.21	1/2	492.11	1/2	98.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,439.33	3/4	2,045.22	3/4	1,651.11	3/4	1,264.81	3/4	878.00	3/4	483.90	3/4	90.72	3/4	3/4	3/4	3/4	3/4	3/4
6	2,431.12	6	2,037.01	6	1,642.90	6	1,256.91	6	869.79	6	475.69	6	82.61	6		6		6	
1/4	2,422.91	1/4	2,028.80	1/4	1,634.69	1/4	1,249.02	1/4	861.58	1/4	467.48	1/4	74.50	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,414.70	1/2	2,020.59	1/2	1,626.48	1/2	1,241.13	1/2	853.37	1/2	459.27	1/2	66.39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,406.49	3/4	2,012.38	3/4	1,618.27	3/4	1,233.23	3/4	845.16	3/4	451.06	3/4	59.21	3/4	3/4	3/4	3/4	3/4	3/4
7	2,398.28	7	2,004.17	7	1,610.06	7	1,225.34	7	836.95	7	442.85	7	52.04	7		7		7	
1/4	2,390.07	1/4	1,995.96	1/4	1,601.85	1/4	1,217.44	1/4	828.74	1/4	434.64	1/4	44.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,381.86	1/2	1,987.75	1/2	1,593.64	1/2	1,209.55	1/2	820.53	1/2	426.43	1/2	37.68	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,373.65	3/4	1,979.54	3/4	1,585.43	3/4	1,201.65	3/4	812.32	3/4	418.22	3/4	32.55	3/4	3/4	3/4	3/4	3/4	3/4
8	2,365.44	8	1,971.33	8	1,577.22	8	1,193.76	8	804.10	8	410.01	8	27.41	8		8		8	
1/4	2,357.23	1/4	1,963.12	1/4	1,569.01	1/4	1,185.87	1/4	795.89	1/4	401.80	1/4	22.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,349.02	1/2	1,954.91	1/2	1,560.80	1/2	1,177.97	1/2	787.68	1/2	393.59	1/2	17.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,340.80	3/4	1,946.70	3/4	1,552.59	3/4	1,170.08	3/4	779.47	3/4	385.38	3/4	-----	3/4	3/4	3/4	3/4	3/4	3/4
9	2,332.59	9	1,938.49	9	1,544.38	9	1,162.18	9	771.26	9	377.17	9		9		9		9	
1/4	2,324.38	1/4	1,930.27	1/4	1,536.17	1/4	1,154.29	1/4	763.05	1/4	368.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,316.17	1/2	1,922.06	1/2	1,527.96	1/2	1,146.39	1/2	754.84	1/2	360.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,307.96	3/4	1,913.85	3/4	1,519.74	3/4	1,138.50	3/4	746.63	3/4	352.55	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4
10	2,299.75	10	1,905.64	10	1,511.53	10	1,130.61	10	738.42	10	344.36	10		10		10		10	
1/4	2,291.54	1/4	1,897.43	1/4	1,503.32	1/4	1,122.71	1/4	730.21	1/4	336.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,283.33	1/2	1,889.22	1/2	1,495.11	1/2	1,114.82	1/2	722.00	1/2	327.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,275.12	3/4	1,881.01	3/4	1,486.90	3/4	1,106.92	3/4	713.79	3/4	319.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,266.91	11	1,872.80	11	1,478.69	11	1,099.03	11	705.58	11	311.57	11		11		11		11	
1/4	2,258.70	1/4	1,864.59	1/4	1,470.48	1/4	1,091.14	1/4	697.37	1/4	303.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,250.49	1/2	1,856.38	1/2	1,462.27	1/2	1,083.24	1/2	689.16	1/2	295.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,242.28	3/4	1,848.17	3/4	1,454.37	3/4	1,075.03	3/4	680.95	3/4	286.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
 CALCULATED: 03/30/2007 CL
 PRINTED: 03/30/2007 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

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CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2007



BARGE "KIRBY 30041B"

2 STBD ULLAGE TABLE

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

Gauge Height 16'-08"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,625.60	0	2,231.41	0	1,839.07	0	1,444.83	0	1,050.77	0	656.54	0	262.47	0		0		0	
1/4	2,617.39	1/4	2,223.20	1/4	1,830.86	1/4	1,436.62	1/4	1,042.56	1/4	648.33	1/4	254.27	1/4		1/4		1/4	
1/2	2,609.18	1/2	2,214.99	1/2	1,822.65	1/2	1,428.41	1/2	1,034.34	1/2	640.11	1/2	246.08	1/2		1/2		1/2	
3/4	2,600.96	3/4	2,206.78	3/4	1,814.43	3/4	1,420.19	3/4	1,026.13	3/4	631.90	3/4	237.88	3/4		3/4		3/4	
1	2,592.75	1	2,198.57	1	1,806.22	1	1,411.98	1	1,017.92	1	623.69	1	229.68	1		1		1	
1/4	2,584.54	1/4	2,190.35	1/4	1,798.01	1/4	1,403.77	1/4	1,009.70	1/4	615.47	1/4	221.48	1/4		1/4		1/4	
1/2	2,576.33	1/2	2,182.14	1/2	1,789.79	1/2	1,395.55	1/2	1,001.49	1/2	607.26	1/2	213.29	1/2		1/2		1/2	
3/4	2,568.11	3/4	2,173.93	3/4	1,781.58	3/4	1,387.34	3/4	993.28	3/4	599.05	3/4	205.09	3/4		3/4		3/4	
2	2,559.90	2	2,165.72	2	1,773.37	2	1,379.13	2	985.06	2	590.84	2	196.90	2		2		2	
1/4	2,551.69	1/4	2,157.50	1/4	1,765.15	1/4	1,370.91	1/4	976.85	1/4	582.62	1/4	188.71	1/4		1/4		1/4	
1/2	2,543.48	1/2	2,149.29	1/2	1,756.94	1/2	1,362.70	1/2	968.64	1/2	574.41	1/2	180.53	1/2		1/2		1/2	
3/4	2,535.27	3/4	2,141.08	3/4	1,748.73	3/4	1,354.49	3/4	960.42	3/4	566.20	3/4	172.34	3/4		3/4		3/4	
3	2,527.05	3	2,132.87	3	1,740.51	3	1,346.27	3	952.21	3	557.98	3	164.16	3		3		3	
1/4	2,518.84	1/4	2,124.66	1/4	1,732.30	1/4	1,338.06	1/4	944.00	1/4	549.77	1/4	155.99	1/4		1/4		1/4	
1/2	2,510.63	1/2	2,116.44	1/2	1,724.09	1/2	1,329.85	1/2	935.79	1/2	541.56	1/2	147.82	1/2		1/2		1/2	
3/4	2,502.42	3/4	2,108.23	3/4	1,715.87	3/4	1,321.63	3/4	927.57	3/4	533.34	3/4	139.65	3/4		3/4		3/4	
4	2,494.21	4	2,100.02	4	1,707.66	4	1,313.42	4	919.36	4	525.13	4	131.48	4		4		4	
1/4	2,485.99	1/4	2,091.81	1/4	1,699.45	1/4	1,305.21	1/4	911.15	1/4	516.92	1/4	123.33	1/4		1/4		1/4	
1/2	2,477.78	1/2	2,083.60	1/2	1,691.23	1/2	1,297.01	1/2	902.93	1/2	508.70	1/2	115.17	1/2		1/2		1/2	
3/4	2,469.57	3/4	2,075.38	3/4	1,683.02	3/4	1,288.80	3/4	894.72	3/4	500.49	3/4	107.01	3/4		3/4		3/4	
5	2,461.36	5	2,067.17	5	1,674.81	5	1,280.59	5	886.51	5	492.28	5	98.86	5		5		5	
1/4	2,453.14	1/4	2,059.02	1/4	1,666.59	1/4	1,272.38	1/4	878.29	1/4	484.06	1/4	90.75	1/4		1/4		1/4	
1/2	2,444.93	1/2	2,050.86	1/2	1,658.38	1/2	1,264.17	1/2	870.08	1/2	475.85	1/2	82.64	1/2		1/2		1/2	
3/4	2,436.72	3/4	2,042.71	3/4	1,650.17	3/4	1,255.97	3/4	861.87	3/4	467.64	3/4	74.53	3/4		3/4		3/4	
6	2,428.51	6	2,034.55	6	1,641.95	6	1,247.76	6	853.65	6	459.43	6	66.41	6		6		6	
1/4	2,420.30	1/4	2,026.46	1/4	1,633.74	1/4	1,239.55	1/4	845.44	1/4	451.21	1/4	59.23	1/4		1/4		1/4	
1/2	2,412.08	1/2	2,018.36	1/2	1,625.53	1/2	1,231.34	1/2	837.23	1/2	443.00	1/2	52.05	1/2		1/2		1/2	
3/4	2,403.87	3/4	2,010.27	3/4	1,617.31	3/4	1,223.13	3/4	829.02	3/4	434.79	3/4	44.87	3/4		3/4		3/4	
7	2,395.66	7	2,002.17	7	1,609.10	7	1,214.93	7	820.80	7	426.57	7	37.69	7		7		7	
1/4	2,387.45	1/4	1,994.07	1/4	1,600.89	1/4	1,206.72	1/4	812.59	1/4	418.36	1/4	32.56	1/4		1/4		1/4	
1/2	2,379.23	1/2	1,985.98	1/2	1,592.67	1/2	1,198.51	1/2	804.38	1/2	410.15	1/2	27.42	1/2		1/2		1/2	
3/4	2,371.02	3/4	1,977.88	3/4	1,584.46	3/4	1,190.30	3/4	796.16	3/4	401.93	3/4	22.29	3/4		3/4		3/4	
8	2,362.81	8	1,969.79	8	1,576.25	8	1,182.10	8	787.95	8	393.72	8	17.16	8		8		8	
1/4	2,354.60	1/4	1,961.69	1/4	1,568.03	1/4	1,173.89	1/4	779.74	1/4	385.51	1/4	=====	1/4		1/4		1/4	
1/2	2,346.39	1/2	1,953.59	1/2	1,559.82	1/2	1,165.68	1/2	771.52	1/2	377.29	1/2		1/2		1/2		1/2	
3/4	2,338.17	3/4	1,945.50	3/4	1,551.61	3/4	1,157.47	3/4	763.31	3/4	369.08	3/4		3/4		3/4		3/4	
9	2,329.96	9	1,937.40	9	1,543.39	9	1,149.26	9	755.10	9	360.87	9		9		9		9	
1/4	2,321.75	1/4	1,929.25	1/4	1,535.18	1/4	1,141.06	1/4	746.88	1/4	352.67	1/4		1/4		1/4		1/4	
1/2	2,313.54	1/2	1,921.09	1/2	1,526.97	1/2	1,132.85	1/2	738.67	1/2	344.47	1/2		1/2		1/2		1/2	
3/4	2,305.32	3/4	1,912.93	3/4	1,518.75	3/4	1,124.64	3/4	730.46	3/4	336.27	3/4		3/4		3/4		3/4	
10	2,297.11	10	1,904.78	10	1,510.54	10	1,116.43	10	722.24	10	328.07	10		10		10		10	
1/4	2,288.90	1/4	1,896.57	1/4	1,502.33	1/4	1,108.22	1/4	714.03	1/4	319.87	1/4		1/4		1/4		1/4	
1/2	2,280.69	1/2	1,888.35	1/2	1,494.11	1/2	1,100.02	1/2	705.82	1/2	311.67	1/2		1/2		1/2		1/2	
3/4	2,272.48	3/4	1,880.14	3/4	1,485.90	3/4	1,091.81	3/4	697.61	3/4	303.47	3/4		3/4		3/4		3/4	
11	2,264.26	11	1,871.93	11	1,477.69	11	1,083.60	11	689.39	11	295.27	11		11		11		11	
1/4	2,256.05	1/4	1,863.71	1/4	1,469.47	1/4	1,075.39	1/4	681.18	1/4	287.07	1/4		1/4		1/4		1/4	
1/2	2,247.84	1/2	1,855.50	1/2	1,461.26	1/2	1,067.18	1/2	672.97	1/2	278.87	1/2		1/2		1/2		1/2	
3/4	2,239.63	3/4	1,847.29	3/4	1,453.05	3/4	1,058.98	3/4	664.75	3/4	270.67	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
CALCULATED: 03/30/2007 CL
PRINTED: 03/30/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>





BARGE "KIRBY 30041B"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	4,629.88	0	4,342.19	0	4,038.96	0	3,714.92	0	3,322.76	0	2,930.73

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 59'-00" FORWARD OF AFT BULKHEAD.**

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 30041B"

**3 PORT
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-06 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	2,538.38	0	2,146.77	0	1,755.18	0	1,362.91	0	980.37	0	594.10	0	200.38	0		0		0	
1/4	2,530.21	1/4	2,138.63	1/4	1,747.01	1/4	1,354.73	1/4	972.53	1/4	585.94	1/4	191.94	1/4	1/4	1/4		1/4	1/4
1/2	2,522.03	1/2	2,130.49	1/2	1,738.84	1/2	1,346.56	1/2	964.70	1/2	577.78	1/2	183.51	1/2	1/2	1/2		1/2	1/2
3/4	2,513.85	3/4	2,122.35	3/4	1,730.66	3/4	1,338.39	3/4	956.86	3/4	569.62	3/4	175.07	3/4	3/4	3/4		3/4	3/4
1	2,505.68	1	2,114.20	1	1,722.49	1	1,330.22	1	949.02	1	561.47	1	167.48	1		1		1	1
1/4	2,497.50	1/4	2,106.06	1/4	1,714.32	1/4	1,322.04	1/4	941.18	1/4	553.31	1/4	159.89	1/4	1/4	1/4		1/4	1/4
1/2	2,489.33	1/2	2,097.92	1/2	1,706.15	1/2	1,313.87	1/2	933.35	1/2	545.15	1/2	152.31	1/2	1/2	1/2		1/2	1/2
3/4	2,481.15	3/4	2,089.77	3/4	1,697.97	3/4	1,305.70	3/4	925.51	3/4	536.99	3/4	144.72	3/4	3/4	3/4		3/4	3/4
2	2,472.98	2	2,081.63	2	1,689.80	2	1,297.53	2	917.67	2	528.83	2	138.31	2		2		2	2
1/4	2,464.80	1/4	2,073.49	1/4	1,681.63	1/4	1,289.35	1/4	909.83	1/4	520.67	1/4	131.90	1/4	1/4	1/4		1/4	1/4
1/2	2,456.63	1/2	2,065.35	1/2	1,673.46	1/2	1,281.18	1/2	901.99	1/2	512.51	1/2	125.49	1/2	1/2	1/2		1/2	1/2
3/4	2,448.45	3/4	2,057.20	3/4	1,665.28	3/4	1,273.01	3/4	894.15	3/4	504.35	3/4	119.08	3/4	3/4	3/4		3/4	3/4
3	2,440.27	3	2,049.06	3	1,657.11	3	1,264.84	3	886.29	3	496.19	3	113.86	3		3		3	3
1/4	2,432.10	1/4	2,040.92	1/4	1,648.94	1/4	1,256.66	1/4	878.44	1/4	488.03	1/4	108.63	1/4	1/4	1/4		1/4	1/4
1/2	2,423.92	1/2	2,032.78	1/2	1,640.77	1/2	1,248.49	1/2	870.59	1/2	479.87	1/2	103.41	1/2	1/2	1/2		1/2	1/2
3/4	2,415.75	3/4	2,024.63	3/4	1,632.60	3/4	1,240.32	3/4	862.73	3/4	471.71	3/4	98.18	3/4	3/4	3/4		3/4	3/4
4	2,407.57	4	2,016.49	4	1,624.42	4	1,232.15	4	854.86	4	463.53	4	94.15	4		4		4	4
1/4	2,399.40	1/4	2,008.35	1/4	1,616.25	1/4	1,223.98	1/4	846.99	1/4	455.36	1/4	90.12	1/4	1/4	1/4		1/4	1/4
1/2	2,391.22	1/2	2,000.20	1/2	1,608.08	1/2	1,215.80	1/2	839.11	1/2	447.18	1/2	86.08	1/2	1/2	1/2		1/2	1/2
3/4	2,383.04	3/4	1,992.06	3/4	1,599.91	3/4	1,207.63	3/4	831.24	3/4	439.00	3/4	82.05	3/4	3/4	3/4		3/4	3/4
5	2,374.87	5	1,983.92	5	1,591.73	5	1,199.78	5	823.06	5	430.82	5	79.46	5		5		5	5
1/4	2,366.69	1/4	1,975.78	1/4	1,583.56	1/4	1,191.93	1/4	814.88	1/4	422.64	1/4	76.87	1/4	1/4	1/4		1/4	1/4
1/2	2,358.52	1/2	1,967.63	1/2	1,575.39	1/2	1,184.08	1/2	806.71	1/2	414.47	1/2	74.29	1/2	1/2	1/2		1/2	1/2
3/4	2,350.34	3/4	1,959.49	3/4	1,567.22	3/4	1,176.22	3/4	798.53	3/4	406.29	3/4	71.70	3/4	3/4	3/4		3/4	3/4
6	2,342.20	6	1,951.32	6	1,559.04	6	1,168.39	6	790.35	6	398.10	6	70.33	6		6		6	6
1/4	2,334.06	1/4	1,943.15	1/4	1,550.87	1/4	1,160.56	1/4	782.17	1/4	389.91	1/4	68.96	1/4	1/4	1/4		1/4	1/4
1/2	2,325.91	1/2	1,934.97	1/2	1,542.70	1/2	1,152.72	1/2	774.00	1/2	381.72	1/2	67.59	1/2	1/2	1/2		1/2	1/2
3/4	2,317.77	3/4	1,926.80	3/4	1,534.53	3/4	1,144.89	3/4	765.82	3/4	373.53	3/4	66.23	3/4	3/4	3/4		3/4	3/4
7	2,309.63	7	1,918.63	7	1,526.35	7	1,137.05	7	757.64	7	365.34	7	64.86	7		7		7	7
1/4	2,301.48	1/4	1,910.46	1/4	1,518.18	1/4	1,129.22	1/4	749.46	1/4	357.15	1/4	63.49	1/4	1/4	1/4		1/4	1/4
1/2	2,293.34	1/2	1,902.28	1/2	1,510.01	1/2	1,121.38	1/2	741.28	1/2	348.96	1/2	62.12	1/2	1/2	1/2		1/2	1/2
3/4	2,285.20	3/4	1,894.11	3/4	1,501.84	3/4	1,113.55	3/4	733.11	3/4	340.77	3/4	60.75	3/4	3/4	3/4		3/4	3/4
8	2,277.06	8	1,885.94	8	1,493.66	8	1,105.72	8	724.93	8	332.58	8	59.38	8		8		8	8
1/4	2,268.91	1/4	1,877.77	1/4	1,485.49	1/4	1,097.88	1/4	716.75	1/4	324.39	1/4	58.01	1/4	1/4	1/4		1/4	1/4
1/2	2,260.77	1/2	1,869.59	1/2	1,477.32	1/2	1,090.05	1/2	708.57	1/2	316.20	1/2	56.64	1/2	1/2	1/2		1/2	1/2
3/4	2,252.63	3/4	1,861.42	3/4	1,469.15	3/4	1,082.21	3/4	700.40	3/4	308.01	3/4	55.27	3/4	3/4	3/4		3/4	3/4
9	2,244.49	9	1,853.25	9	1,460.97	9	1,074.38	9	692.22	9	299.83	9	53.90	9		9		9	9
1/4	2,236.34	1/4	1,845.08	1/4	1,452.80	1/4	1,066.54	1/4	684.04	1/4	291.64	1/4	52.53	1/4	1/4	1/4		1/4	1/4
1/2	2,228.20	1/2	1,836.91	1/2	1,444.63	1/2	1,058.71	1/2	675.86	1/2	283.45	1/2	51.16	1/2	1/2	1/2		1/2	1/2
3/4	2,220.06	3/4	1,828.73	3/4	1,436.46	3/4	1,050.88	3/4	667.68	3/4	275.26	3/4	49.79	3/4	3/4	3/4		3/4	3/4
10	2,211.92	10	1,820.56	10	1,428.29	10	1,043.04	10	659.51	10	267.08	10	48.42	10		10		10	10
1/4	2,203.77	1/4	1,812.39	1/4	1,420.11	1/4	1,035.21	1/4	651.33	1/4	258.90	1/4	47.05	1/4	1/4	1/4		1/4	1/4
1/2	2,195.63	1/2	1,804.22	1/2	1,411.94	1/2	1,027.37	1/2	643.15	1/2	250.73	1/2	45.68	1/2	1/2	1/2		1/2	1/2
3/4	2,187.49	3/4	1,796.04	3/4	1,403.77	3/4	1,019.54	3/4	634.97	3/4	242.55	3/4	44.31	3/4	3/4	3/4		3/4	3/4
11	2,179.34	11	1,787.87	11	1,395.60	11	1,011.70	11	626.80	11	234.32	11	42.94	11		11		11	11
1/4	2,171.20	1/4	1,779.70	1/4	1,387.42	1/4	1,003.87	1/4	618.62	1/4	225.68	1/4	41.57	1/4	1/4	1/4		1/4	1/4
1/2	2,163.06	1/2	1,771.53	1/2	1,379.25	1/2	996.04	1/2	610.44	1/2	217.25	1/2	40.20	1/2	1/2	1/2		1/2	1/2
3/4	2,154.92	3/4	1,763.35	3/4	1,371.08	3/4	988.20	3/4	602.26	3/4	208.81	3/4	38.83	3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
CALCULATED: 03/30/2007 CL
PRINTED: 03/30/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

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



BARGE "KIRBY 30041B"

**3 STBD
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-06 3/4"

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		0	4,651.05	0	4,363.54	0	4,060.48	0	3,736.50	0	3,343.81	0	2,951.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,645.22	1/4	4,357.38	1/4	4,054.07	1/4	3,728.32	1/4	3,335.62	1/4	2,942.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,639.39	1/2	4,351.22	1/2	4,047.65	1/2	3,720.14	1/2	3,327.44	1/2	2,934.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,633.56	3/4	4,345.06	3/4	4,041.23	3/4	3,711.96	3/4	3,319.26	3/4	2,926.54
1		1		1		1		1	4,627.70	1	4,338.87	1	4,034.81	1	3,703.77	1	3,311.08	1	2,918.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,886.02	1/4	4,621.84	1/4	4,332.68	1/4	4,028.39	1/4	3,695.59	1/4	3,302.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,883.01	1/2	4,615.98	1/2	4,326.49	1/2	4,021.97	1/2	3,687.41	1/2	3,294.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,880.00	3/4	4,610.12	3/4	4,320.30	3/4	4,015.55	3/4	3,679.23	3/4	3,286.54
2		2		2		2		2	4,875.62	2	4,604.24	2	4,314.08	2	4,009.13	2	3,671.05	2	3,278.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,871.24	1/4	4,598.35	1/4	4,307.86	1/4	4,002.71	1/4	3,662.87	1/4	3,270.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,866.87	1/2	4,592.46	1/2	4,301.65	1/2	3,996.29	1/2	3,654.69	1/2	3,261.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,862.49	3/4	4,586.58	3/4	4,295.43	3/4	3,989.87	3/4	3,646.51	3/4	3,253.81
3		3		3		3		3	4,856.75	3	4,580.66	3	4,289.18	3	3,983.45	3	3,638.33	3	3,245.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,851.00	1/4	4,574.75	1/4	4,282.94	1/4	3,977.03	1/4	3,630.14	1/4	3,237.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,845.26	1/2	4,568.84	1/2	4,276.69	1/2	3,970.61	1/2	3,621.96	1/2	3,229.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,839.52	3/4	4,562.92	3/4	4,270.45	3/4	3,964.19	3/4	3,613.78	3/4	3,221.09
4		4		4		4		4	4,833.91	4	4,556.98	4	4,264.18	4	3,957.77	4	3,605.60	4	3,212.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,828.30	1/4	4,551.04	1/4	4,257.90	1/4	3,951.36	1/4	3,597.42	1/4	3,204.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,822.69	1/2	4,545.10	1/2	4,251.63	1/2	3,944.94	1/2	3,589.24	1/2	3,196.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,817.08	3/4	4,539.16	3/4	4,245.36	3/4	3,938.52	3/4	3,581.06	3/4	3,188.36
5		5		5		5		5	4,811.44	5	4,533.19	5	4,239.06	5	3,932.10	5	3,572.88	5	3,180.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,805.80	1/4	4,527.22	1/4	4,232.76	1/4	3,925.68	1/4	3,564.70	1/4	3,172.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,800.16	1/2	4,521.25	1/2	4,226.46	1/2	3,919.26	1/2	3,556.51	1/2	3,163.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,794.52	3/4	4,515.28	3/4	4,220.16	3/4	3,912.84	3/4	3,548.33	3/4	3,155.64
6		6		6		6		6	4,788.86	6	4,509.28	6	4,213.83	6	3,906.42	6	3,540.15	6	3,147.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,783.19	1/4	4,503.29	1/4	4,207.51	1/4	3,900.00	1/4	3,531.97	1/4	3,139.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,777.53	1/2	4,497.29	1/2	4,201.18	1/2	3,893.58	1/2	3,523.79	1/2	3,131.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,771.86	3/4	4,491.29	3/4	4,194.85	3/4	3,887.16	3/4	3,515.61	3/4	3,122.92
7		7		7		7		7	4,766.17	7	4,485.27	7	4,188.50	7	3,880.74	7	3,507.43	7	3,114.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,760.47	1/4	4,479.24	1/4	4,182.14	1/4	3,874.32	1/4	3,499.25	1/4	3,106.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,754.78	1/2	4,473.22	1/2	4,175.79	1/2	3,867.90	1/2	3,491.07	1/2	3,098.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,749.09	3/4	4,467.20	3/4	4,169.43	3/4	3,861.48	3/4	3,482.88	3/4	3,090.19
8		8		8		8		8	4,743.36	8	4,461.14	8	4,163.05	8	3,855.06	8	3,474.70	8	3,082.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,737.64	1/4	4,455.09	1/4	4,156.67	1/4	3,848.64	1/4	3,466.52	1/4	3,073.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,731.92	1/2	4,449.04	1/2	4,150.28	1/2	3,842.23	1/2	3,458.34	1/2	3,065.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,726.20	3/4	4,442.99	3/4	4,143.90	3/4	3,835.81	3/4	3,450.16	3/4	3,057.47
9		9		9		9		9	4,720.45	9	4,436.91	9	4,137.49	9	3,829.39	9	3,441.98	9	3,049.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,714.70	1/4	4,430.83	1/4	4,131.08	1/4	3,822.97	1/4	3,433.80	1/4	3,041.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,708.95	1/2	4,424.75	1/2	4,124.67	1/2	3,816.55	1/2	3,425.62	1/2	3,032.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,703.21	3/4	4,418.67	3/4	4,118.26	3/4	3,810.13	3/4	3,417.44	3/4	3,024.74
10		10		10		10		10	4,697.43	10	4,412.56	10	4,111.84	10	3,803.95	10	3,409.25	10	3,016.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,691.65	1/4	4,406.46	1/4	4,105.42	1/4	3,793.77	1/4	3,401.07	1/4	3,008.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,685.88	1/2	4,400.35	1/2	4,099.00	1/2	3,785.58	1/2	3,392.89	1/2	3,000.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,680.10	3/4	4,394.24	3/4	4,092.58	3/4	3,777.40	3/4	3,384.71	3/4	2,992.02
11		11		11		11		11	4,674.30	11	4,388.11	11	4,086.16	11	3,769.22	11	3,376.53	11	2,983.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.49	1/4	4,381.97	1/4	4,079.74	1/4	3,761.04	1/4	3,368.35	1/4	2,975.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,662.69	1/2	4,375.84	1/2	4,073.32	1/2	3,752.86	1/2	3,360.17	1/2	2,967.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,656.89	3/4	4,369.70	3/4	4,066.90	3/4	3,744.68	3/4	3,351.99	3/4	2,959.28

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 59'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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





BARGE "KIRBY 30041B"

3 STBD
ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 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	2,558.19	0	2,165.29	0	1,772.70	0	1,379.77	0	986.99	0	594.10	0	200.28	0		0		0	
1/4	2,550.01	1/4	2,157.11	1/4	1,764.51	1/4	1,371.58	1/4	978.81	1/4	585.93	1/4	191.85	1/4		1/4		1/4	
1/2	2,541.82	1/2	2,148.92	1/2	1,756.33	1/2	1,363.39	1/2	970.63	1/2	577.77	1/2	183.42	1/2		1/2		1/2	
3/4	2,533.64	3/4	2,140.74	3/4	1,748.14	3/4	1,355.21	3/4	962.45	3/4	569.60	3/4	174.99	3/4		3/4		3/4	
1	2,525.45	1	2,132.55	1	1,739.95	1	1,347.02	1	954.26	1	561.43	1	167.40	1		1		1	
1/4	2,517.27	1/4	2,124.37	1/4	1,731.77	1/4	1,338.84	1/4	946.08	1/4	553.26	1/4	159.82	1/4		1/4		1/4	
1/2	2,509.08	1/2	2,116.18	1/2	1,723.58	1/2	1,330.65	1/2	937.89	1/2	545.09	1/2	152.23	1/2		1/2		1/2	
3/4	2,500.89	3/4	2,108.00	3/4	1,715.40	3/4	1,322.46	3/4	929.70	3/4	536.93	3/4	144.65	3/4		3/4		3/4	
2	2,492.71	2	2,099.81	2	1,707.21	2	1,314.28	2	921.52	2	528.76	2	138.24	2		2		2	
1/4	2,484.52	1/4	2,091.62	1/4	1,699.02	1/4	1,306.09	1/4	913.33	1/4	520.59	1/4	131.83	1/4		1/4		1/4	
1/2	2,476.34	1/2	2,083.44	1/2	1,690.84	1/2	1,297.90	1/2	905.15	1/2	512.42	1/2	125.43	1/2		1/2		1/2	
3/4	2,468.15	3/4	2,075.25	3/4	1,682.65	3/4	1,289.72	3/4	896.96	3/4	504.26	3/4	119.02	3/4		3/4		3/4	
3	2,459.97	3	2,067.07	3	1,674.47	3	1,281.53	3	888.77	3	496.09	3	113.80	3		3		3	
1/4	2,451.78	1/4	2,058.88	1/4	1,666.28	1/4	1,273.35	1/4	880.59	1/4	487.92	1/4	108.58	1/4		1/4		1/4	
1/2	2,443.60	1/2	2,050.70	1/2	1,658.09	1/2	1,265.16	1/2	872.40	1/2	479.75	1/2	103.35	1/2		1/2		1/2	
3/4	2,435.41	3/4	2,042.51	3/4	1,649.91	3/4	1,256.97	3/4	864.22	3/4	471.59	3/4	98.13	3/4		3/4		3/4	
4	2,427.23	4	2,034.33	4	1,641.72	4	1,248.79	4	856.03	4	463.40	4	94.10	4		4		4	
1/4	2,419.04	1/4	2,026.14	1/4	1,633.53	1/4	1,240.60	1/4	847.84	1/4	455.21	1/4	90.07	1/4		1/4		1/4	
1/2	2,410.85	1/2	2,017.96	1/2	1,625.35	1/2	1,232.42	1/2	839.66	1/2	447.03	1/2	86.04	1/2		1/2		1/2	
3/4	2,402.67	3/4	2,009.77	3/4	1,617.16	3/4	1,224.23	3/4	831.47	3/4	438.84	3/4	82.01	3/4		3/4		3/4	
5	2,394.48	5	2,001.58	5	1,608.98	5	1,216.05	5	823.29	5	430.66	5	79.42	5		5		5	
1/4	2,386.30	1/4	1,993.40	1/4	1,600.79	1/4	1,207.87	1/4	815.10	1/4	422.47	1/4	76.83	1/4		1/4		1/4	
1/2	2,378.11	1/2	1,985.21	1/2	1,592.60	1/2	1,199.69	1/2	806.92	1/2	414.29	1/2	74.25	1/2		1/2		1/2	
3/4	2,369.93	3/4	1,977.03	3/4	1,584.42	3/4	1,191.51	3/4	798.73	3/4	406.10	3/4	71.66	3/4		3/4		3/4	
6	2,361.74	6	1,968.85	6	1,576.23	6	1,183.33	6	790.54	6	397.91	6	70.30	6		6		6	
1/4	2,353.56	1/4	1,960.68	1/4	1,568.05	1/4	1,175.15	1/4	782.36	1/4	389.73	1/4	68.93	1/4		1/4		1/4	
1/2	2,345.37	1/2	1,952.50	1/2	1,559.86	1/2	1,166.97	1/2	774.17	1/2	381.54	1/2	67.56	1/2		1/2		1/2	
3/4	2,337.19	3/4	1,944.33	3/4	1,551.67	3/4	1,158.78	3/4	765.99	3/4	373.36	3/4	66.20	3/4		3/4		3/4	
7	2,329.00	7	1,936.16	7	1,543.49	7	1,150.60	7	757.80	7	365.17	7		7		7		7	
1/4	2,320.82	1/4	1,928.00	1/4	1,535.30	1/4	1,142.42	1/4	749.61	1/4	356.98	1/4		1/4		1/4		1/4	
1/2	2,312.63	1/2	1,919.83	1/2	1,527.12	1/2	1,134.24	1/2	741.43	1/2	348.80	1/2		1/2		1/2		1/2	
3/4	2,304.44	3/4	1,911.66	3/4	1,518.93	3/4	1,126.06	3/4	733.24	3/4	340.61	3/4		3/4		3/4		3/4	
8	2,296.26	8	1,903.50	8	1,510.74	8	1,117.88	8	725.06	8	332.43	8		8		8		8	
1/4	2,288.07	1/4	1,895.33	1/4	1,502.56	1/4	1,109.70	1/4	716.87	1/4	324.24	1/4		1/4		1/4		1/4	
1/2	2,279.89	1/2	1,887.17	1/2	1,494.37	1/2	1,101.52	1/2	708.68	1/2	316.05	1/2		1/2		1/2		1/2	
3/4	2,271.70	3/4	1,879.00	3/4	1,486.19	3/4	1,093.34	3/4	700.50	3/4	307.87	3/4		3/4		3/4		3/4	
9	2,263.52	9	1,870.84	9	1,478.00	9	1,085.16	9	692.31	9	299.68	9		9		9		9	
1/4	2,255.33	1/4	1,862.67	1/4	1,469.81	1/4	1,076.98	1/4	684.13	1/4	291.50	1/4		1/4		1/4		1/4	
1/2	2,247.15	1/2	1,854.50	1/2	1,461.63	1/2	1,068.80	1/2	675.94	1/2	283.31	1/2		1/2		1/2		1/2	
3/4	2,238.96	3/4	1,846.34	3/4	1,453.44	3/4	1,060.62	3/4	667.76	3/4	275.12	3/4		3/4		3/4		3/4	
10	2,230.78	10	1,838.16	10	1,445.25	10	1,052.44	10	659.57	10	266.95	10		10		10		10	
1/4	2,222.59	1/4	1,829.98	1/4	1,437.07	1/4	1,044.25	1/4	651.38	1/4	258.78	1/4		1/4		1/4		1/4	
1/2	2,214.41	1/2	1,821.81	1/2	1,428.88	1/2	1,036.07	1/2	643.20	1/2	250.61	1/2		1/2		1/2		1/2	
3/4	2,206.22	3/4	1,813.63	3/4	1,420.70	3/4	1,027.89	3/4	635.01	3/4	242.44	3/4		3/4		3/4		3/4	
11	2,198.03	11	1,805.44	11	1,412.51	11	1,019.71	11	626.83	11	234.00	11		11		11		11	
1/4	2,189.85	1/4	1,797.26	1/4	1,404.32	1/4	1,011.53	1/4	618.64	1/4	225.57	1/4		1/4		1/4		1/4	
1/2	2,181.66	1/2	1,789.07	1/2	1,396.14	1/2	1,003.35	1/2	610.45	1/2	217.14	1/2		1/2		1/2		1/2	
3/4	2,173.48	3/4	1,780.88	3/4	1,387.95	3/4	995.17	3/4	602.27	3/4	208.71	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 CL - SW
CALCULATED: 03/30/2007 CL
PRINTED: 03/30/2007 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
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