



BARGE "KIRBY 30040B"

ULLAGE TRIM TABLE

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

(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 25, 2007

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>

**BARGE "KIRBY 30040B"****1 PORT
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-08 1/4"

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	4,986.54	0	4,616.48	0	4,226.81	0	3,831.31	0	3,435.81	0	3,040.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,979.05	1/4	4,608.57	1/4	4,218.57	1/4	3,823.07	1/4	3,427.57	1/4	3,032.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,971.53	1/2	4,600.62	1/2	4,210.33	1/2	3,814.83	1/2	3,419.33	1/2	3,023.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,308.25	3/4	4,964.00	3/4	4,592.68	3/4	4,202.09	3/4	3,806.59	3/4	3,411.09	3/4	3,015.54
1		1		1		1	5,303.44	1	4,956.47	1	4,584.73	1	4,193.85	1	3,798.35	1	3,402.85	1	3,007.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,298.63	1/4	4,948.95	1/4	4,576.78	1/4	4,185.61	1/4	3,790.11	1/4	3,394.61	1/4	2,999.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,292.45	1/2	4,941.39	1/2	4,568.80	1/2	4,177.37	1/2	3,781.87	1/2	3,386.37	1/2	2,990.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,286.26	3/4	4,933.83	3/4	4,560.82	3/4	4,169.13	3/4	3,773.63	3/4	3,378.13	3/4	2,982.57		
2		2		2		2	5,280.08	2	4,926.27	2	4,552.84	2	4,160.89	2	3,765.39	2	3,369.89	2	2,974.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,273.90	1/4	4,918.71	1/4	4,544.86	1/4	4,152.66	1/4	3,757.15	1/4	3,361.65	1/4	2,966.08		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,266.34	1/2	4,911.11	1/2	4,536.84	1/2	4,144.42	1/2	3,748.91	1/2	3,353.41	1/2	2,957.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,258.78	3/4	4,903.51	3/4	4,528.83	3/4	4,136.18	3/4	3,740.68	3/4	3,345.17	3/4	2,949.59		
3		3		3		3	5,251.23	3	4,895.92	3	4,520.81	3	4,127.94	3	3,732.44	3	3,336.93	3	2,941.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,243.67	1/4	4,888.32	1/4	4,512.79	1/4	4,119.70	1/4	3,724.20	1/4	3,328.70	1/4	2,933.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,236.46	1/2	4,880.69	1/2	4,504.74	1/2	4,111.46	1/2	3,715.96	1/2	3,320.46	1/2	2,924.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,229.25	3/4	4,873.06	3/4	4,496.69	3/4	4,103.22	3/4	3,707.72	3/4	3,312.22	3/4	2,916.61		
4		4		4		4	5,222.04	4	4,865.43	4	4,488.64	4	4,094.98	4	3,699.48	4	3,303.98	4	2,908.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,214.83	1/4	4,857.80	1/4	4,480.59	1/4	4,086.74	1/4	3,691.24	1/4	3,295.74	1/4	2,900.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,207.58	1/2	4,850.13	1/2	4,472.50	1/2	4,078.50	1/2	3,683.00	1/2	3,287.50	1/2	2,891.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,200.34	3/4	4,842.47	3/4	4,464.41	3/4	4,070.26	3/4	3,674.76	3/4	3,279.26	3/4	2,883.64		
5		5		5		5	5,193.09	5	4,834.80	5	4,456.33	5	4,062.02	5	3,666.52	5	3,271.02	5	2,875.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,185.85	1/4	4,827.14	1/4	4,448.24	1/4	4,053.78	1/4	3,658.28	1/4	3,262.78	1/4	2,867.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,178.57	1/2	4,819.44	1/2	4,440.12	1/2	4,045.54	1/2	3,650.04	1/2	3,254.54	1/2	2,858.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,171.29	3/4	4,811.73	3/4	4,432.00	3/4	4,037.30	3/4	3,641.80	3/4	3,246.30	3/4	2,850.66		
6		6		6		6	5,164.01	6	4,804.03	6	4,423.88	6	4,029.06	6	3,633.56	6	3,238.06	6	2,842.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,156.73	1/4	4,796.33	1/4	4,415.76	1/4	4,020.82	1/4	3,625.32	1/4	3,229.82	1/4	2,834.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,149.41	1/2	4,788.60	1/2	4,407.60	1/2	4,012.58	1/2	3,617.08	1/2	3,221.58	1/2	2,825.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,142.09	3/4	4,780.86	3/4	4,399.44	3/4	4,004.34	3/4	3,608.84	3/4	3,213.34	3/4	2,817.68		
7		7		7		7	5,134.78	7	4,773.12	7	4,391.29	7	3,996.10	7	3,600.60	7	3,205.10	7	2,809.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,127.46	1/4	4,765.39	1/4	4,383.13	1/4	3,987.86	1/4	3,592.36	1/4	3,196.86	1/4	2,801.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,120.11	1/2	4,757.62	1/2	4,374.94	1/2	3,979.62	1/2	3,584.12	1/2	3,188.62	1/2	2,792.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,112.76	3/4	4,749.85	3/4	4,366.75	3/4	3,971.38	3/4	3,575.88	3/4	3,180.38	3/4	2,784.71		
8		8		8		8	5,105.41	8	4,742.08	8	4,358.55	8	3,963.14	8	3,567.64	8	3,172.14	8	2,776.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,098.06	1/4	4,734.31	1/4	4,350.36	1/4	3,954.90	1/4	3,559.40	1/4	3,163.90	1/4	2,768.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,090.68	1/2	4,726.50	1/2	4,342.13	1/2	3,946.67	1/2	3,551.16	1/2	3,155.66	1/2	2,759.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,083.29	3/4	4,718.69	3/4	4,333.91	3/4	3,938.43	3/4	3,542.92	3/4	3,147.42	3/4	2,751.73		
9		9		9		9	5,075.90	9	4,710.89	9	4,325.68	9	3,930.19	9	3,534.69	9	3,139.18	9	2,743.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,068.52	1/4	4,703.08	1/4	4,317.45	1/4	3,921.95	1/4	3,526.45	1/4	3,130.94	1/4	2,735.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,061.10	1/2	4,695.24	1/2	4,309.21	1/2	3,913.71	1/2	3,518.21	1/2	3,122.71	1/2	2,727.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,053.68	3/4	4,687.40	3/4	4,300.97	3/4	3,905.47	3/4	3,509.97	3/4	3,114.47	3/4	2,718.75		
10		10		10		10	5,046.26	10	4,679.56	10	4,292.73	10	3,897.23	10	3,501.73	10	3,106.23	10	2,710.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,038.84	1/4	4,671.72	1/4	4,284.49	1/4	3,888.99	1/4	3,493.49	1/4	3,097.99	1/4	2,702.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,031.38	1/2	4,663.84	1/2	4,276.25	1/2	3,880.75	1/2	3,485.25	1/2	3,089.74	1/2	2,694.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,023.93	3/4	4,655.96	3/4	4,268.01	3/4	3,872.51	3/4	3,477.01	3/4	3,081.50	3/4	2,685.78		
11		11		11		11	5,016.47	11	4,648.09	11	4,259.77	11	3,864.27	11	3,468.77	11	3,073.25	11	2,677.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.01	1/4	4,640.21	1/4	4,251.53	1/4	3,856.03	1/4	3,460.53	1/4	3,065.01	1/4	2,669.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,001.52	1/2	4,632.30	1/2	4,243.29	1/2	3,847.79	1/2	3,452.29	1/2	3,056.77	1/2	2,661.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,994.03	3/4	4,624.39	3/4	4,235.05	3/4	3,839.55	3/4	3,444.05	3/4	3,048.52	3/4	2,652.80		

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'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30040B"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	2,644.56	0	2,248.83	0	1,853.11	0	1,457.92	0	1,062.95	0	667.25	0	271.69	0		0		0	
1/4	2,636.31	1/4	2,240.59	1/4	1,844.87	1/4	1,449.70	1/4	1,054.71	1/4	659.00	1/4	263.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,628.07	1/2	2,232.35	1/2	1,836.62	1/2	1,441.48	1/2	1,046.46	1/2	650.76	1/2	255.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,619.82	3/4	2,224.10	3/4	1,828.38	3/4	1,433.26	3/4	1,038.22	3/4	642.51	3/4	247.00	3/4	3/4	3/4	3/4	3/4	3/4
1	2,611.58	1	2,215.86	1	1,820.14	1	1,425.04	1	1,029.98	1	634.27	1	238.77	1		1		1	
1/4	2,603.33	1/4	2,207.61	1/4	1,811.89	1/4	1,416.82	1/4	1,021.73	1/4	626.03	1/4	230.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,595.09	1/2	2,199.37	1/2	1,803.65	1/2	1,408.60	1/2	1,013.49	1/2	617.78	1/2	222.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,586.85	3/4	2,191.12	3/4	1,795.40	3/4	1,400.37	3/4	1,005.25	3/4	609.54	3/4	214.08	3/4	3/4	3/4	3/4	3/4	3/4
2	2,578.60	2	2,182.88	2	1,787.16	2	1,392.15	2	997.00	2	601.29	2	205.86	2		2		2	
1/4	2,570.36	1/4	2,174.64	1/4	1,778.91	1/4	1,383.93	1/4	988.76	1/4	593.05	1/4	197.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,562.11	1/2	2,166.39	1/2	1,770.67	1/2	1,375.71	1/2	980.51	1/2	584.81	1/2	189.42	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,553.87	3/4	2,158.15	3/4	1,762.43	3/4	1,367.49	3/4	972.27	3/4	576.56	3/4	181.20	3/4	3/4	3/4	3/4	3/4	3/4
3	2,545.62	3	2,149.90	3	1,754.18	3	1,359.27	3	964.03	3	568.32	3	172.99	3		3		3	
1/4	2,537.38	1/4	2,141.66	1/4	1,745.94	1/4	1,351.05	1/4	955.78	1/4	560.07	1/4	164.77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,529.14	1/2	2,133.41	1/2	1,737.69	1/2	1,342.83	1/2	947.54	1/2	551.83	1/2	156.57	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,520.89	3/4	2,125.17	3/4	1,729.45	3/4	1,334.61	3/4	939.29	3/4	543.59	3/4	148.37	3/4	3/4	3/4	3/4	3/4	3/4
4	2,512.65	4	2,116.93	4	1,721.20	4	1,326.38	4	931.05	4	535.34	4	140.17	4		4		4	
1/4	2,504.40	1/4	2,108.68	1/4	1,712.96	1/4	1,318.16	1/4	922.81	1/4	527.10	1/4	131.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,496.16	1/2	2,100.44	1/2	1,704.72	1/2	1,309.95	1/2	914.56	1/2	518.86	1/2	123.79	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,487.92	3/4	2,092.19	3/4	1,696.47	3/4	1,301.73	3/4	906.32	3/4	510.61	3/4	115.60	3/4	3/4	3/4	3/4	3/4	3/4
5	2,479.67	5	2,083.95	5	1,688.23	5	1,293.52	5	898.07	5	502.37	5	107.41	5		5		5	
1/4	2,471.43	1/4	2,075.71	1/4	1,679.98	1/4	1,285.30	1/4	889.83	1/4	494.12	1/4	99.23	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,463.18	1/2	2,067.46	1/2	1,671.74	1/2	1,277.08	1/2	881.59	1/2	485.88	1/2	91.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,454.94	3/4	2,059.22	3/4	1,663.50	3/4	1,268.87	3/4	873.34	3/4	477.64	3/4	82.94	3/4	3/4	3/4	3/4	3/4	3/4
6	2,446.69	6	2,050.97	6	1,655.25	6	1,260.65	6	865.10	6	469.39	6	74.80	6		6		6	
1/4	2,438.45	1/4	2,042.73	1/4	1,647.01	1/4	1,252.44	1/4	856.85	1/4	461.15	1/4	66.66	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,430.21	1/2	2,034.48	1/2	1,638.79	1/2	1,244.20	1/2	848.61	1/2	452.90	1/2	59.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,421.96	3/4	2,026.24	3/4	1,630.56	3/4	1,235.96	3/4	840.37	3/4	444.66	3/4	52.24	3/4	3/4	3/4	3/4	3/4	3/4
7	2,413.72	7	2,018.00	7	1,622.34	7	1,227.72	7	832.12	7	436.42	7	45.04	7		7		7	
1/4	2,405.47	1/4	2,009.75	1/4	1,614.12	1/4	1,219.48	1/4	823.88	1/4	428.17	1/4	37.83	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,397.23	1/2	2,001.51	1/2	1,605.90	1/2	1,211.24	1/2	815.64	1/2	419.93	1/2	32.68	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,388.99	3/4	1,993.26	3/4	1,597.68	3/4	1,203.01	3/4	807.39	3/4	411.68	3/4	27.52	3/4	3/4	3/4	3/4	3/4	3/4
8	2,380.74	8	1,985.02	8	1,589.46	8	1,194.77	8	799.15	8	403.44	8	22.37	8		8		8	
1/4	2,372.50	1/4	1,976.78	1/4	1,581.24	1/4	1,186.53	1/4	790.90	1/4	395.20	1/4	17.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,364.25	1/2	1,968.53	1/2	1,573.02	1/2	1,178.29	1/2	782.66	1/2	386.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,356.01	3/4	1,960.29	3/4	1,564.80	3/4	1,170.05	3/4	774.42	3/4	378.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,347.76	9	1,952.04	9	1,556.57	9	1,161.81	9	766.17	9	370.46	9		9		9		9	
1/4	2,339.52	1/4	1,943.80	1/4	1,548.35	1/4	1,153.57	1/4	757.93	1/4	362.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,331.28	1/2	1,935.55	1/2	1,540.13	1/2	1,145.33	1/2	749.68	1/2	353.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,323.03	3/4	1,927.31	3/4	1,531.91	3/4	1,137.10	3/4	741.44	3/4	345.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,314.79	10	1,919.07	10	1,523.69	10	1,128.86	10	733.20	10	337.53	10		10		10		10	
1/4	2,306.54	1/4	1,910.82	1/4	1,515.47	1/4	1,120.62	1/4	724.95	1/4	329.30	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,298.30	1/2	1,902.58	1/2	1,507.25	1/2	1,112.38	1/2	716.71	1/2	321.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,290.05	3/4	1,894.33	3/4	1,499.03	3/4	1,104.14	3/4	708.46	3/4	312.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,281.81	11	1,886.09	11	1,490.81	11	1,095.90	11	700.22	11	304.61	11		11		11		11	
1/4	2,273.57	1/4	1,877.84	1/4	1,482.59	1/4	1,087.66	1/4	691.98	1/4	296.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,265.32	1/2	1,869.60	1/2	1,474.36	1/2	1,079.42	1/2	683.73	1/2	288.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,257.08	3/4	1,861.36	3/4	1,466.14	3/4	1,071.19	3/4	675.49	3/4	279.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 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 30040B"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 3/4"

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	2,628.89	0	2,233.21	0	1,837.72	0	1,442.01	0	1,046.46	0	650.76	0	255.23	0		0		0	
1/4	2,620.65	1/4	2,224.96	1/4	1,829.48	1/4	1,433.76	1/4	1,038.22	1/4	642.51	1/4	247.00	1/4		1/4		1/4	
1/2	2,612.41	1/2	2,216.72	1/2	1,821.24	1/2	1,425.52	1/2	1,029.98	1/2	634.27	1/2	238.77	1/2		1/2		1/2	
3/4	2,604.16	3/4	2,208.48	3/4	1,812.99	3/4	1,417.28	3/4	1,021.73	3/4	626.02	3/4	230.54	3/4		3/4		3/4	
1	2,595.92	1	2,200.23	1	1,804.75	1	1,409.03	1	1,013.49	1	617.78	1	222.31	1		1		1	
1/4	2,587.68	1/4	2,191.99	1/4	1,796.50	1/4	1,400.79	1/4	1,005.24	1/4	609.54	1/4	214.08	1/4		1/4		1/4	
1/2	2,579.43	1/2	2,183.74	1/2	1,788.26	1/2	1,392.54	1/2	997.00	1/2	601.29	1/2	205.86	1/2		1/2		1/2	
3/4	2,571.19	3/4	2,175.50	3/4	1,780.02	3/4	1,384.30	3/4	988.76	3/4	593.05	3/4	197.63	3/4		3/4		3/4	
2	2,562.95	2	2,167.26	2	1,771.77	2	1,376.05	2	980.51	2	584.81	2	189.42	2		2		2	
1/4	2,554.70	1/4	2,159.01	1/4	1,763.53	1/4	1,367.81	1/4	972.27	1/4	576.56	1/4	181.20	1/4		1/4		1/4	
1/2	2,546.46	1/2	2,150.77	1/2	1,755.28	1/2	1,359.57	1/2	964.02	1/2	568.32	1/2	172.99	1/2		1/2		1/2	
3/4	2,538.22	3/4	2,142.53	3/4	1,747.04	3/4	1,351.32	3/4	955.78	3/4	560.07	3/4	164.77	3/4		3/4		3/4	
3	2,529.97	3	2,134.28	3	1,738.80	3	1,343.08	3	947.54	3	551.83	3	156.57	3		3		3	
1/4	2,521.73	1/4	2,126.04	1/4	1,730.55	1/4	1,334.83	1/4	939.29	1/4	543.59	1/4	148.37	1/4		1/4		1/4	
1/2	2,513.48	1/2	2,117.80	1/2	1,722.31	1/2	1,326.59	1/2	931.05	1/2	535.34	1/2	140.17	1/2		1/2		1/2	
3/4	2,505.24	3/4	2,109.55	3/4	1,714.06	3/4	1,318.35	3/4	922.81	3/4	527.10	3/4	131.97	3/4		3/4		3/4	
4	2,497.00	4	2,101.31	4	1,705.82	4	1,310.11	4	914.56	4	518.85	4	123.79	4		4		4	
1/4	2,488.75	1/4	2,093.07	1/4	1,697.57	1/4	1,301.87	1/4	906.32	1/4	510.61	1/4	115.60	1/4		1/4		1/4	
1/2	2,480.51	1/2	2,084.82	1/2	1,689.33	1/2	1,293.63	1/2	898.07	1/2	502.37	1/2	107.41	1/2		1/2		1/2	
3/4	2,472.27	3/4	2,076.58	3/4	1,681.09	3/4	1,285.39	3/4	889.83	3/4	494.12	3/4	99.23	3/4		3/4		3/4	
5	2,464.02	5	2,068.34	5	1,672.84	5	1,277.15	5	881.59	5	485.88	5	91.08	5		5		5	
1/4	2,455.78	1/4	2,060.11	1/4	1,664.60	1/4	1,268.91	1/4	873.34	1/4	477.63	1/4	82.94	1/4		1/4		1/4	
1/2	2,447.54	1/2	2,051.87	1/2	1,656.35	1/2	1,260.68	1/2	865.10	1/2	469.39	1/2	74.80	1/2		1/2		1/2	
3/4	2,439.29	3/4	2,043.63	3/4	1,648.11	3/4	1,252.44	3/4	856.85	3/4	461.15	3/4	66.66	3/4		3/4		3/4	
6	2,431.05	6	2,035.40	6	1,639.87	6	1,244.20	6	848.61	6	452.90	6	59.45	6		6		6	
1/4	2,422.81	1/4	2,027.17	1/4	1,631.62	1/4	1,235.96	1/4	840.37	1/4	444.66	1/4	52.24	1/4		1/4		1/4	
1/2	2,414.56	1/2	2,018.94	1/2	1,623.38	1/2	1,227.72	1/2	832.12	1/2	436.42	1/2	45.04	1/2		1/2		1/2	
3/4	2,406.32	3/4	2,010.71	3/4	1,615.13	3/4	1,219.48	3/4	823.88	3/4	428.17	3/4	37.83	3/4		3/4		3/4	
7	2,398.08	7	2,002.48	7	1,606.89	7	1,211.24	7	815.63	7	419.93	7	32.68	7		7		7	
1/4	2,389.83	1/4	1,994.25	1/4	1,598.65	1/4	1,203.00	1/4	807.39	1/4	411.68	1/4	27.52	1/4		1/4		1/4	
1/2	2,381.59	1/2	1,986.02	1/2	1,590.40	1/2	1,194.77	1/2	799.15	1/2	403.44	1/2	22.37	1/2		1/2		1/2	
3/4	2,373.35	3/4	1,977.79	3/4	1,582.16	3/4	1,186.53	3/4	790.90	3/4	395.20	3/4	17.22	3/4		3/4		3/4	
8	2,365.10	8	1,969.56	8	1,573.91	8	1,178.29	8	782.66	8	386.95	8		8		8		8	
1/4	2,356.86	1/4	1,961.33	1/4	1,565.67	1/4	1,170.05	1/4	774.42	1/4	378.71	1/4		1/4		1/4		1/4	
1/2	2,348.61	1/2	1,953.10	1/2	1,557.43	1/2	1,161.81	1/2	766.17	1/2	370.46	1/2		1/2		1/2		1/2	
3/4	2,340.37	3/4	1,944.87	3/4	1,549.18	3/4	1,153.57	3/4	757.93	3/4	362.22	3/4		3/4		3/4		3/4	
9	2,332.13	9	1,936.63	9	1,540.94	9	1,145.33	9	749.68	9	353.99	9		9		9		9	
1/4	2,323.88	1/4	1,928.40	1/4	1,532.69	1/4	1,137.09	1/4	741.44	1/4	345.76	1/4		1/4		1/4		1/4	
1/2	2,315.64	1/2	1,920.16	1/2	1,524.45	1/2	1,128.86	1/2	733.20	1/2	337.53	1/2		1/2		1/2		1/2	
3/4	2,307.40	3/4	1,911.92	3/4	1,516.20	3/4	1,120.62	3/4	724.95	3/4	329.30	3/4		3/4		3/4		3/4	
10	2,299.15	10	1,903.68	10	1,507.96	10	1,112.38	10	716.71	10	321.07	10		10		10		10	
1/4	2,290.91	1/4	1,895.43	1/4	1,499.72	1/4	1,104.14	1/4	708.46	1/4	312.84	1/4		1/4		1/4		1/4	
1/2	2,282.67	1/2	1,887.19	1/2	1,491.47	1/2	1,095.90	1/2	700.22	1/2	304.61	1/2		1/2		1/2		1/2	
3/4	2,274.42	3/4	1,878.94	3/4	1,483.23	3/4	1,087.66	3/4	691.98	3/4	296.38	3/4		3/4		3/4		3/4	
11	2,266.18	11	1,870.70	11	1,474.98	11	1,079.42	11	683.73	11	288.15	11		11		11		11	
1/4	2,257.94	1/4	1,862.46	1/4	1,466.74	1/4	1,071.19	1/4	675.49	1/4	279.92	1/4		1/4		1/4		1/4	
1/2	2,249.69	1/2	1,854.21	1/2	1,458.50	1/2	1,062.95	1/2	667.24	1/2	271.69	1/2		1/2		1/2		1/2	
3/4	2,241.45	3/4	1,845.97	3/4	1,450.25	3/4	1,054.71	3/4	659.00	3/4	263.46	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30040B"

2 PORT ULLAGE TABLE

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

GUAGE HEIGHT 16'-09"

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	4,976.84	0	4,609.51	0	4,222.29	0	3,828.22	0	3,434.15	0	3,040.06
1/4		1/4		1/4		1/4		1/4	4,969.38	1/4	4,601.63	1/4	4,214.08	1/4	3,820.01	1/4	3,425.94	1/4	3,031.85
1/2		1/2		1/2		1/2		1/2	4,961.92	1/2	4,593.75	1/2	4,205.87	1/2	3,811.80	1/2	3,417.73	1/2	3,023.63
3/4		3/4		3/4		3/4		3/4	4,954.46	3/4	4,585.87	3/4	4,197.66	3/4	3,803.59	3/4	3,409.52	3/4	3,015.42
1		1		1		1		1	4,947.00	1	4,577.99	1	4,189.45	1	3,795.38	1	3,401.31	1	3,007.20
1/4		1/4		1/4		1/4		1/4	4,939.51	1/4	4,570.07	1/4	4,181.24	1/4	3,787.17	1/4	3,393.10	1/4	2,998.99
1/2		1/2		1/2		1/2	5,274.84	1/2	4,932.01	1/2	4,562.16	1/2	4,173.03	1/2	3,778.96	1/2	3,384.89	1/2	2,990.77
3/4		3/4		3/4		3/4	5,270.05	3/4	4,924.52	3/4	4,554.24	3/4	4,164.82	3/4	3,770.75	3/4	3,376.68	3/4	2,982.56
2		2		2		2	5,265.26	2	4,917.02	2	4,546.32	2	4,156.61	2	3,762.54	2	3,368.47	2	2,974.35
1/4		1/4		1/4		1/4	5,259.10	1/4	4,909.49	1/4	4,538.37	1/4	4,148.40	1/4	3,754.33	1/4	3,360.26	1/4	2,966.13
1/2		1/2		1/2		1/2	5,252.94	1/2	4,901.96	1/2	4,530.42	1/2	4,140.19	1/2	3,746.12	1/2	3,352.05	1/2	2,957.92
3/4		3/4		3/4		3/4	5,246.78	3/4	4,894.43	3/4	4,522.47	3/4	4,131.98	3/4	3,737.91	3/4	3,343.84	3/4	2,949.70
3		3		3		3	5,240.62	3	4,886.90	3	4,514.52	3	4,123.77	3	3,729.70	3	3,335.63	3	2,941.49
1/4		1/4		1/4		1/4	5,233.09	1/4	4,879.34	1/4	4,506.53	1/4	4,115.56	1/4	3,721.49	1/4	3,327.42	1/4	2,933.27
1/2		1/2		1/2		1/2	5,225.56	1/2	4,871.77	1/2	4,498.55	1/2	4,107.35	1/2	3,713.28	1/2	3,319.21	1/2	2,925.06
3/4		3/4		3/4		3/4	5,218.03	3/4	4,864.21	3/4	4,490.56	3/4	4,099.14	3/4	3,705.07	3/4	3,311.00	3/4	2,916.85
4		4		4		4	5,210.50	4	4,856.64	4	4,482.58	4	4,090.93	4	3,696.86	4	3,302.79	4	2,908.63
1/4		1/4		1/4		1/4	5,203.32	1/4	4,849.04	1/4	4,474.56	1/4	4,082.72	1/4	3,688.65	1/4	3,294.58	1/4	2,900.42
1/2		1/2		1/2		1/2	5,196.14	1/2	4,841.44	1/2	4,466.53	1/2	4,074.51	1/2	3,680.44	1/2	3,286.37	1/2	2,892.20
3/4		3/4		3/4		3/4	5,188.96	3/4	4,833.84	3/4	4,458.51	3/4	4,066.30	3/4	3,672.23	3/4	3,278.16	3/4	2,883.99
5		5		5		5	5,181.78	5	4,826.24	5	4,450.49	5	4,058.09	5	3,664.02	5	3,269.95	5	2,875.77
1/4		1/4		1/4		1/4	5,174.57	1/4	4,818.61	1/4	4,442.44	1/4	4,049.88	1/4	3,655.81	1/4	3,261.74	1/4	2,867.56
1/2		1/2		1/2		1/2	5,167.35	1/2	4,810.97	1/2	4,434.38	1/2	4,041.67	1/2	3,647.60	1/2	3,253.53	1/2	2,859.35
3/4		3/4		3/4		3/4	5,160.14	3/4	4,803.34	3/4	4,426.32	3/4	4,033.46	3/4	3,639.39	3/4	3,245.32	3/4	2,851.13
6		6		6		6	5,152.92	6	4,795.70	6	4,418.27	6	4,025.25	6	3,631.18	6	3,237.11	6	2,842.92
1/4		1/4		1/4		1/4	5,145.67	1/4	4,788.03	1/4	4,410.17	1/4	4,017.04	1/4	3,622.97	1/4	3,228.90	1/4	2,834.70
1/2		1/2		1/2		1/2	5,138.43	1/2	4,780.36	1/2	4,402.08	1/2	4,008.84	1/2	3,614.76	1/2	3,220.69	1/2	2,826.49
3/4		3/4		3/4		3/4	5,131.18	3/4	4,772.69	3/4	4,393.99	3/4	4,000.63	3/4	3,606.55	3/4	3,212.48	3/4	2,818.27
7		7		7		7	5,123.93	7	4,765.02	7	4,385.90	7	3,992.42	7	3,598.35	7	3,204.27	7	2,810.06
1/4		1/4		1/4		1/4	5,116.64	1/4	4,757.32	1/4	4,377.77	1/4	3,984.21	1/4	3,590.14	1/4	3,196.06	1/4	2,801.85
1/2		1/2		1/2		1/2	5,109.36	1/2	4,749.61	1/2	4,369.65	1/2	3,976.00	1/2	3,581.93	1/2	3,187.86	1/2	2,793.63
3/4		3/4		3/4		3/4	5,102.07	3/4	4,741.90	3/4	4,361.52	3/4	3,967.79	3/4	3,573.72	3/4	3,179.65	3/4	2,785.42
8		8		8		8	5,094.79	8	4,734.20	8	4,353.39	8	3,959.58	8	3,565.51	8	3,171.44	8	2,777.20
1/4		1/4		1/4		1/4	5,087.47	1/4	4,726.46	1/4	4,345.23	1/4	3,951.37	1/4	3,557.30	1/4	3,163.23	1/4	2,768.99
1/2		1/2		1/2		1/2	5,080.15	1/2	4,718.72	1/2	4,337.07	1/2	3,943.16	1/2	3,549.09	1/2	3,155.02	1/2	2,760.77
3/4		3/4		3/4		3/4	5,072.83	3/4	4,710.98	3/4	4,328.91	3/4	3,934.95	3/4	3,540.88	3/4	3,146.81	3/4	2,752.56
9		9		9		9	5,065.51	9	4,703.24	9	4,320.75	9	3,926.74	9	3,532.67	9	3,138.60	9	2,744.35
1/4		1/4		1/4		1/4	5,058.16	1/4	4,695.46	1/4	4,312.55	1/4	3,918.53	1/4	3,524.46	1/4	3,130.39	1/4	2,736.13
1/2		1/2		1/2		1/2	5,050.80	1/2	4,687.69	1/2	4,304.36	1/2	3,910.32	1/2	3,516.25	1/2	3,122.18	1/2	2,727.92
3/4		3/4		3/4		3/4	5,043.45	3/4	4,679.91	3/4	4,296.16	3/4	3,902.11	3/4	3,508.04	3/4	3,113.97	3/4	2,719.70
10		10		10		10	5,036.10	10	4,672.14	10	4,287.97	10	3,893.90	10	3,499.83	10	3,105.76	10	2,711.49
1/4		1/4		1/4		1/4	5,028.71	1/4	4,664.33	1/4	4,279.76	1/4	3,885.69	1/4	3,491.62	1/4	3,097.55	1/4	2,703.27
1/2		1/2		1/2		1/2	5,021.32	1/2	4,656.51	1/2	4,271.55	1/2	3,877.48	1/2	3,483.41	1/2	3,089.34	1/2	2,695.06
3/4		3/4		3/4		3/4	5,013.93	3/4	4,648.70	3/4	4,263.34	3/4	3,869.27	3/4	3,475.20	3/4	3,081.13	3/4	2,686.85
11		11		11		11	5,006.54	11	4,640.89	11	4,255.13	11	3,861.06	11	3,466.99	11	3,072.92	11	2,678.63
1/4		1/4		1/4		1/4	4,999.11	1/4	4,633.05	1/4	4,246.92	1/4	3,852.85	1/4	3,458.78	1/4	3,064.70	1/4	2,670.42
1/2		1/2		1/2		1/2	4,991.69	1/2	4,625.20	1/2	4,238.71	1/2	3,844.64	1/2	3,450.57	1/2	3,056.49	1/2	2,662.20
3/4		3/4		3/4		3/4	4,984.26	3/4	4,617.36	3/4	4,230.50	3/4	3,836.43	3/4	3,442.36	3/4	3,048.27	3/4	2,653.99

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 30040B"

2 PORT ULLAGE TABLE

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

GUAGE HEIGHT 16'-09"

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	2,645.77	0	2,251.49	0	1,857.20	0	1,462.92	0	1,083.72	0	689.47	0	295.30	0		0		0	
1/4	2,637.56	1/4	2,243.27	1/4	1,848.99	1/4	1,455.01	1/4	1,075.51	1/4	681.25	1/4	287.10	1/4	1/4	1/4		1/4	1/4
1/2	2,629.35	1/2	2,235.06	1/2	1,840.77	1/2	1,447.11	1/2	1,067.30	1/2	673.04	1/2	278.90	1/2	1/2	1/2		1/2	1/2
3/4	2,621.13	3/4	2,226.84	3/4	1,832.56	3/4	1,439.21	3/4	1,059.09	3/4	664.83	3/4	270.70	3/4	3/4	3/4		3/4	3/4
1	2,612.92	1	2,218.63	1	1,824.34	1	1,431.30	1	1,050.88	1	656.61	1	262.50	1		1		1	1
1/4	2,604.70	1/4	2,210.42	1/4	1,816.13	1/4	1,423.40	1/4	1,042.67	1/4	648.40	1/4	254.30	1/4	1/4	1/4		1/4	1/4
1/2	2,596.49	1/2	2,202.20	1/2	1,807.92	1/2	1,415.50	1/2	1,034.46	1/2	640.18	1/2	246.10	1/2	1/2	1/2		1/2	1/2
3/4	2,588.27	3/4	2,193.99	3/4	1,799.70	3/4	1,407.59	3/4	1,026.24	3/4	631.97	3/4	237.90	3/4	3/4	3/4		3/4	3/4
2	2,580.06	2	2,185.77	2	1,791.49	2	1,399.69	2	1,018.03	2	623.76	2	229.70	2		2		2	2
1/4	2,571.85	1/4	2,177.56	1/4	1,783.27	1/4	1,391.79	1/4	1,009.81	1/4	615.54	1/4	221.51	1/4	1/4	1/4		1/4	1/4
1/2	2,563.63	1/2	2,169.34	1/2	1,775.06	1/2	1,383.89	1/2	1,001.60	1/2	607.33	1/2	213.31	1/2	1/2	1/2		1/2	1/2
3/4	2,555.42	3/4	2,161.13	3/4	1,766.84	3/4	1,375.98	3/4	993.39	3/4	599.11	3/4	205.11	3/4	3/4	3/4		3/4	3/4
3	2,547.20	3	2,152.92	3	1,758.63	3	1,368.08	3	985.17	3	590.90	3	196.92	3		3		3	3
1/4	2,538.99	1/4	2,144.70	1/4	1,750.42	1/4	1,360.18	1/4	976.96	1/4	582.69	1/4	188.73	1/4	1/4	1/4		1/4	1/4
1/2	2,530.77	1/2	2,136.49	1/2	1,742.20	1/2	1,352.27	1/2	968.74	1/2	574.47	1/2	180.55	1/2	1/2	1/2		1/2	1/2
3/4	2,522.56	3/4	2,128.27	3/4	1,733.99	3/4	1,343.37	3/4	960.53	3/4	566.26	3/4	172.36	3/4	3/4	3/4		3/4	3/4
4	2,514.35	4	2,120.06	4	1,725.77	4	1,336.47	4	952.32	4	558.04	4	164.18	4		4		4	4
1/4	2,506.13	1/4	2,111.84	1/4	1,717.56	1/4	1,328.56	1/4	944.10	1/4	549.83	1/4	156.01	1/4	1/4	1/4		1/4	1/4
1/2	2,497.92	1/2	2,103.63	1/2	1,709.34	1/2	1,320.66	1/2	935.89	1/2	541.62	1/2	147.84	1/2	1/2	1/2		1/2	1/2
3/4	2,489.70	3/4	2,095.42	3/4	1,701.13	3/4	1,312.76	3/4	927.67	3/4	533.40	3/4	139.67	3/4	3/4	3/4		3/4	3/4
5	2,481.49	5	2,087.20	5	1,692.92	5	1,304.86	5	919.46	5	525.19	5	131.50	5		5		5	5
1/4	2,473.27	1/4	2,078.99	1/4	1,684.70	1/4	1,296.96	1/4	911.25	1/4	516.97	1/4	123.34	1/4	1/4	1/4		1/4	1/4
1/2	2,465.06	1/2	2,070.77	1/2	1,676.49	1/2	1,289.06	1/2	903.03	1/2	508.76	1/2	115.18	1/2	1/2	1/2		1/2	1/2
3/4	2,456.85	3/4	2,062.56	3/4	1,668.27	3/4	1,281.16	3/4	894.82	3/4	500.55	3/4	107.03	3/4	3/4	3/4		3/4	3/4
6	2,448.63	6	2,054.34	6	1,660.06	6	1,273.26	6	886.60	6	492.33	6	98.87	6		6		6	6
1/4	2,440.42	1/4	2,046.13	1/4	1,651.84	1/4	1,265.37	1/4	878.39	1/4	484.12	1/4	90.76	1/4	1/4	1/4		1/4	1/4
1/2	2,432.20	1/2	2,037.92	1/2	1,643.63	1/2	1,257.47	1/2	870.18	1/2	475.90	1/2	82.65	1/2	1/2	1/2		1/2	1/2
3/4	2,423.99	3/4	2,029.70	3/4	1,635.42	3/4	1,249.57	3/4	861.96	3/4	467.69	3/4	74.53	3/4	3/4	3/4		3/4	3/4
7	2,415.77	7	2,021.49	7	1,627.20	7	1,241.67	7	853.75	7	459.48	7	66.42	7		7		7	7
1/4	2,407.56	1/4	2,013.27	1/4	1,618.99	1/4	1,233.78	1/4	845.53	1/4	451.26	1/4	59.24	1/4	1/4	1/4		1/4	1/4
1/2	2,399.35	1/2	2,005.06	1/2	1,610.77	1/2	1,225.88	1/2	837.32	1/2	443.05	1/2	52.06	1/2	1/2	1/2		1/2	1/2
3/4	2,391.13	3/4	1,996.84	3/4	1,602.56	3/4	1,217.98	3/4	829.11	3/4	434.83	3/4	44.88	3/4	3/4	3/4		3/4	3/4
8	2,382.92	8	1,988.63	8	1,594.34	8	1,210.08	8	820.89	8	426.62	8	37.70	8		8		8	8
1/4	2,374.70	1/4	1,980.42	1/4	1,586.13	1/4	1,202.18	1/4	812.68	1/4	418.41	1/4	32.56	1/4	1/4	1/4		1/4	1/4
1/2	2,366.49	1/2	1,972.20	1/2	1,577.92	1/2	1,194.29	1/2	804.46	1/2	410.19	1/2	27.43	1/2	1/2	1/2		1/2	1/2
3/4	2,358.27	3/4	1,963.99	3/4	1,569.70	3/4	1,186.39	3/4	796.25	3/4	401.98	3/4	22.29	3/4	3/4	3/4		3/4	3/4
9	2,350.06	9	1,955.77	9	1,561.49	9	1,178.49	9	788.04	9	393.76	9	17.16	9		9		9	9
1/4	2,341.85	1/4	1,947.56	1/4	1,553.27	1/4	1,170.59	1/4	779.82	1/4	385.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,333.63	1/2	1,939.34	1/2	1,545.06	1/2	1,162.70	1/2	771.61	1/2	377.34	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,325.42	3/4	1,931.13	3/4	1,536.84	3/4	1,154.80	3/4	763.39	3/4	369.12	3/4		3/4	3/4	3/4		3/4	3/4
10	2,317.20	10	1,922.92	10	1,528.63	10	1,146.90	10	755.18	10	360.91	10		10		10		10	10
1/4	2,308.99	1/4	1,914.70	1/4	1,520.42	1/4	1,139.00	1/4	746.97	1/4	352.71	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,300.77	1/2	1,906.49	1/2	1,512.20	1/2	1,131.11	1/2	738.75	1/2	344.51	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,292.56	3/4	1,898.27	3/4	1,503.99	3/4	1,123.21	3/4	730.54	3/4	336.31	3/4		3/4	3/4	3/4		3/4	3/4
11	2,284.35	11	1,890.06	11	1,495.77	11	1,115.31	11	722.32	11	328.11	11		11		11		11	11
1/4	2,276.13	1/4	1,881.84	1/4	1,487.56	1/4	1,107.41	1/4	714.11	1/4	319.91	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,267.92	1/2	1,873.63	1/2	1,479.34	1/2	1,099.51	1/2	705.90	1/2	311.71	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,259.70	3/4	1,865.42	3/4	1,471.13	3/4	1,091.62	3/4	697.68	3/4	303.51	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 30040B"

2 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	
0	2,642.31	0	2,248.09	0	1,855.70	0	1,461.42	0	1,067.30	0	673.04	0	278.90	0		0		0	
1/4	2,634.10	1/4	2,239.87	1/4	1,847.49	1/4	1,453.21	1/4	1,059.09	1/4	664.83	1/4	270.70	1/4	1/4	1/4		1/4	1/4
1/2	2,625.89	1/2	2,231.66	1/2	1,839.27	1/2	1,444.99	1/2	1,050.88	1/2	656.61	1/2	262.50	1/2	1/2	1/2		1/2	1/2
3/4	2,617.67	3/4	2,223.45	3/4	1,831.06	3/4	1,436.78	3/4	1,042.67	3/4	648.40	3/4	254.30	3/4	3/4	3/4		3/4	3/4
1	2,609.46	1	2,215.23	1	1,822.85	1	1,428.56	1	1,034.46	1	640.18	1	246.10	1		1		1	
1/4	2,601.25	1/4	2,207.02	1/4	1,814.63	1/4	1,420.35	1/4	1,026.24	1/4	631.97	1/4	237.90	1/4	1/4	1/4		1/4	1/4
1/2	2,593.04	1/2	2,198.81	1/2	1,806.42	1/2	1,412.14	1/2	1,018.03	1/2	623.76	1/2	229.70	1/2	1/2	1/2		1/2	1/2
3/4	2,584.82	3/4	2,190.59	3/4	1,798.20	3/4	1,403.92	3/4	1,009.81	3/4	615.54	3/4	221.51	3/4	3/4	3/4		3/4	3/4
2	2,576.61	2	2,182.38	2	1,789.99	2	1,395.71	2	1,001.60	2	607.33	2	213.31	2		2		2	
1/4	2,568.40	1/4	2,174.17	1/4	1,781.77	1/4	1,387.49	1/4	993.39	1/4	599.11	1/4	205.11	1/4	1/4	1/4		1/4	1/4
1/2	2,560.18	1/2	2,165.95	1/2	1,773.56	1/2	1,379.28	1/2	985.17	1/2	590.90	1/2	196.92	1/2	1/2	1/2		1/2	1/2
3/4	2,551.97	3/4	2,157.74	3/4	1,765.35	3/4	1,371.06	3/4	976.96	3/4	582.69	3/4	188.73	3/4	3/4	3/4		3/4	3/4
3	2,543.76	3	2,149.53	3	1,757.13	3	1,362.85	3	968.74	3	574.47	3	180.55	3		3		3	
1/4	2,535.54	1/4	2,141.31	1/4	1,748.92	1/4	1,354.64	1/4	960.53	1/4	566.26	1/4	172.36	1/4	1/4	1/4		1/4	1/4
1/2	2,527.33	1/2	2,133.10	1/2	1,740.70	1/2	1,346.42	1/2	952.32	1/2	558.04	1/2	164.18	1/2	1/2	1/2		1/2	1/2
3/4	2,519.12	3/4	2,124.89	3/4	1,732.49	3/4	1,338.21	3/4	944.10	3/4	549.83	3/4	156.01	3/4	3/4	3/4		3/4	3/4
4	2,510.90	4	2,116.68	4	1,724.28	4	1,329.99	4	935.89	4	541.62	4	147.84	4		4		4	
1/4	2,502.69	1/4	2,108.46	1/4	1,716.06	1/4	1,321.78	1/4	927.67	1/4	533.40	1/4	139.67	1/4	1/4	1/4		1/4	1/4
1/2	2,494.48	1/2	2,100.25	1/2	1,707.85	1/2	1,313.57	1/2	919.46	1/2	525.19	1/2	131.50	1/2	1/2	1/2		1/2	1/2
3/4	2,486.27	3/4	2,092.04	3/4	1,699.63	3/4	1,305.36	3/4	911.25	3/4	516.97	3/4	123.34	3/4	3/4	3/4		3/4	3/4
5	2,478.05	5	2,083.82	5	1,691.42	5	1,297.15	5	903.03	5	508.76	5	115.18	5		5		5	
1/4	2,469.84	1/4	2,075.61	1/4	1,683.20	1/4	1,288.94	1/4	894.82	1/4	500.55	1/4	107.03	1/4	1/4	1/4		1/4	1/4
1/2	2,461.63	1/2	2,067.40	1/2	1,674.99	1/2	1,280.73	1/2	886.60	1/2	492.33	1/2	98.87	1/2	1/2	1/2		1/2	1/2
3/4	2,453.41	3/4	2,059.24	3/4	1,666.78	3/4	1,272.52	3/4	878.39	3/4	484.12	3/4	90.76	3/4	3/4	3/4		3/4	3/4
6	2,445.20	6	2,051.09	6	1,658.56	6	1,264.31	6	870.18	6	475.90	6	82.65	6		6		6	
1/4	2,436.99	1/4	2,042.93	1/4	1,650.35	1/4	1,256.10	1/4	861.96	1/4	467.69	1/4	74.53	1/4	1/4	1/4		1/4	1/4
1/2	2,428.77	1/2	2,034.78	1/2	1,642.13	1/2	1,247.90	1/2	853.75	1/2	459.48	1/2	66.42	1/2	1/2	1/2		1/2	1/2
3/4	2,420.56	3/4	2,026.68	3/4	1,633.92	3/4	1,239.69	3/4	845.53	3/4	451.26	3/4	59.24	3/4	3/4	3/4		3/4	3/4
7	2,412.35	7	2,018.58	7	1,625.71	7	1,231.48	7	837.32	7	443.05	7	52.06	7		7		7	
1/4	2,404.13	1/4	2,010.49	1/4	1,617.49	1/4	1,223.27	1/4	829.11	1/4	434.83	1/4	44.88	1/4	1/4	1/4		1/4	1/4
1/2	2,395.92	1/2	2,002.39	1/2	1,609.28	1/2	1,215.06	1/2	820.89	1/2	426.62	1/2	37.69	1/2	1/2	1/2		1/2	1/2
3/4	2,387.71	3/4	1,994.29	3/4	1,601.06	3/4	1,206.85	3/4	812.68	3/4	418.41	3/4	32.56	3/4	3/4	3/4		3/4	3/4
8	2,379.49	8	1,986.20	8	1,592.85	8	1,198.64	8	804.46	8	410.19	8	27.43	8		8		8	
1/4	2,371.28	1/4	1,978.10	1/4	1,584.63	1/4	1,190.43	1/4	796.25	1/4	401.98	1/4	22.29	1/4	1/4	1/4		1/4	1/4
1/2	2,363.07	1/2	1,970.00	1/2	1,576.42	1/2	1,182.22	1/2	788.04	1/2	393.76	1/2	17.16	1/2	1/2	1/2		1/2	1/2
3/4	2,354.86	3/4	1,961.90	3/4	1,568.21	3/4	1,174.02	3/4	779.82	3/4	385.55	3/4		3/4	3/4	3/4		3/4	3/4
9	2,346.64	9	1,953.81	9	1,559.99	9	1,165.81	9	771.61	9	377.34	9		9		9		9	
1/4	2,338.43	1/4	1,945.71	1/4	1,551.78	1/4	1,157.60	1/4	763.39	1/4	369.12	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,330.22	1/2	1,937.61	1/2	1,543.56	1/2	1,149.39	1/2	755.18	1/2	360.91	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,322.00	3/4	1,929.46	3/4	1,535.35	3/4	1,141.18	3/4	746.97	3/4	352.71	3/4		3/4	3/4	3/4		3/4	3/4
10	2,313.79	10	1,921.30	10	1,527.13	10	1,132.97	10	738.75	10	344.51	10		10		10		10	
1/4	2,305.58	1/4	1,913.14	1/4	1,518.92	1/4	1,124.76	1/4	730.54	1/4	336.31	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,297.36	1/2	1,904.99	1/2	1,510.71	1/2	1,116.55	1/2	722.32	1/2	328.11	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,289.15	3/4	1,896.77	3/4	1,502.49	3/4	1,108.35	3/4	714.11	3/4	319.91	3/4		3/4	3/4	3/4		3/4	3/4
11	2,280.94	11	1,888.56	11	1,494.28	11	1,100.14	11	705.90	11	311.71	11		11		11		11	
1/4	2,272.72	1/4	1,880.35	1/4	1,486.06	1/4	1,091.93	1/4	697.68	1/4	303.51	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,264.51	1/2	1,872.13	1/2	1,477.85	1/2	1,083.72	1/2	689.47	1/2	295.30	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,256.30	3/4	1,863.92	3/4	1,469.64	3/4	1,075.51	3/4	681.25	3/4	287.10	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 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 30040B"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07"

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		4,632.64	0	4,345.48	0	4,042.70	0	3,720.62	0	3,328.73	0	2,936.95	
1/4		1/4		1/4		1/4		4,626.81	1/4	4,339.32	1/4	4,036.28	1/4	3,712.46	1/4	3,320.56	1/4	2,928.79	
1/2		1/2		1/2		1/2		4,620.98	1/2	4,333.15	1/2	4,029.86	1/2	3,704.29	1/2	3,312.40	1/2	2,920.62	
3/4		3/4		3/4		3/4		4,615.15	3/4	4,326.99	3/4	4,023.44	3/4	3,696.13	3/4	3,304.23	3/4	2,912.46	
1		1		1		1		4,609.32	1	4,320.83	1	4,017.02	1	3,687.97	1	3,296.07	1	2,904.30	
1/4		1/4		1/4		1/4		4,603.46	1/4	4,314.64	1/4	4,010.60	1/4	3,679.80	1/4	3,287.90	1/4	2,896.14	
1/2		1/2		1/2		1/2	4,861.77	4,597.60	1/2	4,308.45	1/2	4,004.19	1/2	3,671.64	1/2	3,279.74	1/2	2,887.98	
3/4		3/4		3/4		3/4	4,858.76	4,591.74	3/4	4,302.26	3/4	3,997.77	3/4	3,663.47	3/4	3,271.58	3/4	2,879.81	
2		2		2		2	4,855.75	4,585.88	2	4,296.07	2	3,991.35	2	3,655.31	2	3,263.41	2	2,871.65	
1/4		1/4		1/4		1/4	4,851.37	4,580.00	1/4	4,289.86	1/4	3,984.93	1/4	3,647.14	1/4	3,255.25	1/4	2,863.49	
1/2		1/2		1/2		1/2	4,846.99	4,574.11	1/2	4,283.64	1/2	3,978.51	1/2	3,638.98	1/2	3,247.08	1/2	2,855.33	
3/4		3/4		3/4		3/4	4,842.62	4,568.23	3/4	4,277.42	3/4	3,972.09	3/4	3,630.81	3/4	3,238.92	3/4	2,847.16	
3		3		3		3	4,838.24	4,562.34	3	4,271.21	3	3,965.67	3	3,622.65	3	3,230.75	3	2,839.00	
1/4		1/4		1/4		1/4	4,832.50	4,556.43	1/4	4,264.96	1/4	3,959.25	1/4	3,614.48	1/4	3,222.59	1/4	2,830.83	
1/2		1/2		1/2		1/2	4,826.76	4,550.51	1/2	4,258.72	1/2	3,952.83	1/2	3,606.32	1/2	3,214.42	1/2	2,822.66	
3/4		3/4		3/4		3/4	4,821.01	4,544.60	3/4	4,252.47	3/4	3,946.41	3/4	3,598.16	3/4	3,206.26	3/4	2,814.49	
4		4		4		4	4,815.27	4,538.68	4	4,246.23	4	3,940.00	4	3,589.99	4	3,198.10	4	2,806.32	
1/4		1/4		1/4		1/4	4,809.66	4,532.74	1/4	4,239.96	1/4	3,933.58	1/4	3,581.83	1/4	3,189.93	1/4	2,798.15	
1/2		1/2		1/2		1/2	4,804.05	4,526.80	1/2	4,233.69	1/2	3,927.16	1/2	3,573.66	1/2	3,181.77	1/2	2,789.98	
3/4		3/4		3/4		3/4	4,798.44	4,520.86	3/4	4,227.41	3/4	3,920.74	3/4	3,565.50	3/4	3,173.60	3/4	2,781.81	
5		5		5		5	4,792.83	4,514.92	5	4,221.14	5	3,914.32	5	3,557.33	5	3,165.44	5	2,773.64	
1/4		1/4		1/4		1/4	4,787.19	4,508.95	1/4	4,214.84	1/4	3,907.90	1/4	3,549.17	1/4	3,157.27	1/4	2,765.47	
1/2		1/2		1/2		1/2	4,781.55	4,502.98	1/2	4,208.54	1/2	3,901.48	1/2	3,541.00	1/2	3,149.11	1/2	2,757.30	
3/4		3/4		3/4		3/4	4,775.91	4,497.01	3/4	4,202.24	3/4	3,895.06	3/4	3,532.84	3/4	3,140.94	3/4	2,749.13	
6		6		6		6	4,770.27	4,491.04	6	4,195.94	6	3,888.64	6	3,524.68	6	3,132.78	6	2,740.96	
1/4		1/4		1/4		1/4	4,764.61	4,485.05	1/4	4,189.62	1/4	3,882.22	1/4	3,516.51	1/4	3,124.61	1/4	2,732.79	
1/2		1/2		1/2		1/2	4,758.94	4,479.05	1/2	4,183.29	1/2	3,875.81	1/2	3,508.35	1/2	3,116.45	1/2	2,724.62	
3/4		3/4		3/4		3/4	4,753.28	4,473.05	3/4	4,176.96	3/4	3,869.39	3/4	3,500.18	3/4	3,108.29	3/4	2,716.45	
7		7		7		7	4,747.61	4,467.06	7	4,170.64	7	3,862.97	7	3,492.02	7	3,100.12	7	2,708.28	
1/4		1/4		1/4		1/4	4,741.92	4,461.03	1/4	4,164.28	1/4	3,856.55	1/4	3,483.85	1/4	3,091.96	1/4	2,700.11	
1/2		1/2		1/2		1/2	4,736.23	4,455.01	1/2	4,157.93	1/2	3,850.13	1/2	3,475.69	1/2	3,083.81	1/2	2,691.94	
3/4		3/4		3/4		3/4	4,730.53	4,448.99	3/4	4,151.57	3/4	3,843.71	3/4	3,467.52	3/4	3,075.65	3/4	2,683.77	
8		8		8		8	4,724.84	4,442.96	8	4,145.22	8	3,837.29	8	3,459.36	8	3,067.49	8	2,675.60	
1/4		1/4		1/4		1/4	4,719.12	4,436.91	1/4	4,138.84	1/4	3,830.87	1/4	3,451.19	1/4	3,059.33	1/4	2,667.43	
1/2		1/2		1/2		1/2	4,713.40	4,430.86	1/2	4,132.45	1/2	3,824.45	1/2	3,443.03	1/2	3,051.17	1/2	2,659.26	
3/4		3/4		3/4		3/4	4,707.68	4,424.81	3/4	4,126.07	3/4	3,818.03	3/4	3,434.87	3/4	3,043.02	3/4	2,651.09	
9		9		9		9	4,701.95	4,418.76	9	4,119.69	9	3,811.62	9	3,426.70	9	3,034.86	9	2,642.92	
1/4		1/4		1/4		1/4	4,696.21	4,412.68	1/4	4,113.28	1/4	3,805.20	1/4	3,418.54	1/4	3,026.70	1/4	2,634.75	
1/2		1/2		1/2		1/2	4,690.46	4,406.60	1/2	4,106.87	1/2	3,798.78	1/2	3,410.37	1/2	3,018.54	1/2	2,626.57	
3/4		3/4		3/4		3/4	4,684.71	4,400.52	3/4	4,100.46	3/4	3,792.36	3/4	3,402.21	3/4	3,010.39	3/4	2,618.40	
10		10		10		10	4,678.96	4,394.44	10	4,094.05	10	3,785.94	10	3,394.04	10	3,002.23	10	2,610.23	
1/4		1/4		1/4		1/4	4,673.19	4,388.33	1/4	4,087.63	1/4	3,777.77	1/4	3,385.88	1/4	2,994.07	1/4	2,602.06	
1/2		1/2		1/2		1/2	4,667.41	4,382.23	1/2	4,081.21	1/2	3,769.61	1/2	3,377.71	1/2	2,985.91	1/2	2,593.89	
3/4		3/4		3/4		3/4	4,661.63	4,376.12	3/4	4,074.79	3/4	3,761.45	3/4	3,369.55	3/4	2,977.76	3/4	2,585.72	
11		11		11		11	4,655.86	4,370.01	11	4,068.38	11	3,753.28	11	3,361.39	11	2,969.60	11	2,577.55	
1/4		1/4		1/4		1/4	4,650.05	4,363.88	1/4	4,061.96	1/4	3,745.12	1/4	3,353.22	1/4	2,961.44	1/4	2,569.38	
1/2		1/2		1/2		1/2	4,644.25	4,357.75	1/2	4,055.54	1/2	3,736.95	1/2	3,345.06	1/2	2,953.27	1/2	2,561.21	
3/4		3/4		3/4		3/4	4,638.45	4,351.61	3/4	4,049.12	3/4	3,728.79	3/4	3,336.89	3/4	2,945.11	3/4	2,553.04	

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'-03" FORWARD OF AFT BULKHEAD.

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

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



BARGE "KIRBY 30040B"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07"

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	2,544.87	0	2,153.49	0	1,762.19	0	1,370.17	0	987.55	0	601.86	0	209.71	0		0		0	
1/4	2,536.70	1/4	2,145.35	1/4	1,754.02	1/4	1,362.00	1/4	979.72	1/4	593.71	1/4	201.54	1/4	1/4	1/4		1/4	1/4
1/2	2,528.53	1/2	2,137.21	1/2	1,745.85	1/2	1,353.84	1/2	971.89	1/2	585.56	1/2	193.37	1/2	1/2	1/2		1/2	1/2
3/4	2,520.36	3/4	2,129.08	3/4	1,737.69	3/4	1,345.67	3/4	964.06	3/4	577.40	3/4	185.20	3/4	3/4	3/4		3/4	3/4
1	2,512.19	1	2,120.94	1	1,729.52	1	1,337.50	1	956.23	1	569.25	1	177.03	1		1		1	
1/4	2,504.02	1/4	2,112.80	1/4	1,721.35	1/4	1,329.34	1/4	948.40	1/4	561.09	1/4	169.44	1/4	1/4	1/4		1/4	1/4
1/2	2,495.85	1/2	2,104.67	1/2	1,713.18	1/2	1,321.17	1/2	940.56	1/2	552.94	1/2	161.86	1/2	1/2	1/2		1/2	1/2
3/4	2,487.68	3/4	2,096.53	3/4	1,705.02	3/4	1,313.00	3/4	932.73	3/4	544.79	3/4	154.28	3/4	3/4	3/4		3/4	3/4
2	2,479.51	2	2,088.39	2	1,696.85	2	1,304.83	2	924.89	2	536.63	2	146.69	2		2		2	
1/4	2,471.34	1/4	2,080.25	1/4	1,688.68	1/4	1,296.67	1/4	917.06	1/4	528.48	1/4	140.29	1/4	1/4	1/4		1/4	1/4
1/2	2,463.17	1/2	2,072.12	1/2	1,680.52	1/2	1,288.50	1/2	909.22	1/2	520.32	1/2	133.88	1/2	1/2	1/2		1/2	1/2
3/4	2,455.00	3/4	2,063.98	3/4	1,672.35	3/4	1,280.33	3/4	901.39	3/4	512.17	3/4	127.48	3/4	3/4	3/4		3/4	3/4
3	2,446.83	3	2,055.84	3	1,664.18	3	1,272.17	3	893.56	3	504.02	3	121.07	3		3		3	
1/4	2,438.66	1/4	2,047.70	1/4	1,656.02	1/4	1,264.00	1/4	885.71	1/4	495.86	1/4	115.85	1/4	1/4	1/4		1/4	1/4
1/2	2,430.49	1/2	2,039.57	1/2	1,647.85	1/2	1,255.83	1/2	877.86	1/2	487.71	1/2	110.63	1/2	1/2	1/2		1/2	1/2
3/4	2,422.32	3/4	2,031.43	3/4	1,639.68	3/4	1,247.67	3/4	870.01	3/4	479.55	3/4	105.41	3/4	3/4	3/4		3/4	3/4
4	2,414.15	4	2,023.29	4	1,631.51	4	1,239.50	4	862.16	4	471.40	4	100.19	4		4		4	
1/4	2,405.98	1/4	2,015.16	1/4	1,623.35	1/4	1,231.33	1/4	854.29	1/4	463.23	1/4	96.16	1/4	1/4	1/4		1/4	1/4
1/2	2,397.81	1/2	2,007.02	1/2	1,615.18	1/2	1,223.16	1/2	846.43	1/2	455.05	1/2	92.13	1/2	1/2	1/2		1/2	1/2
3/4	2,389.64	3/4	1,998.88	3/4	1,607.01	3/4	1,215.00	3/4	838.56	3/4	446.88	3/4	88.10	3/4	3/4	3/4		3/4	3/4
5	2,381.47	5	1,990.74	5	1,598.85	5	1,206.83	5	830.69	5	438.71	5	84.07	5		5		5	
1/4	2,373.30	1/4	1,982.61	1/4	1,590.68	1/4	1,198.98	1/4	822.52	1/4	430.54	1/4	81.22	1/4	1/4	1/4		1/4	1/4
1/2	2,365.13	1/2	1,974.47	1/2	1,582.51	1/2	1,191.14	1/2	814.35	1/2	422.36	1/2	78.38	1/2	1/2	1/2		1/2	1/2
3/4	2,356.95	3/4	1,966.33	3/4	1,574.35	3/4	1,183.29	3/4	806.17	3/4	414.19	3/4	75.53	3/4	3/4	3/4		3/4	3/4
6	2,348.78	6	1,958.19	6	1,566.18	6	1,175.44	6	798.00	6	406.02	6	72.69	6		6		6	
1/4	2,340.65	1/4	1,950.03	1/4	1,558.01	1/4	1,167.62	1/4	789.83	1/4	397.84	1/4	71.06	1/4	1/4	1/4		1/4	1/4
1/2	2,332.51	1/2	1,941.86	1/2	1,549.84	1/2	1,159.79	1/2	781.66	1/2	389.65	1/2	69.43	1/2	1/2	1/2		1/2	1/2
3/4	2,324.37	3/4	1,933.69	3/4	1,541.68	3/4	1,151.96	3/4	773.48	3/4	381.47	3/4	67.81	3/4	3/4	3/4		3/4	3/4
7	2,316.24	7	1,925.53	7	1,533.51	7	1,144.13	7	765.31	7	373.28	7	66.18	7		7		7	
1/4	2,308.10	1/4	1,917.36	1/4	1,525.34	1/4	1,136.30	1/4	757.14	1/4	365.10	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,299.96	1/2	1,909.19	1/2	1,517.18	1/2	1,128.47	1/2	748.97	1/2	356.92	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,291.82	3/4	1,901.03	3/4	1,509.01	3/4	1,120.64	3/4	740.79	3/4	348.73	3/4		3/4	3/4	3/4		3/4	3/4
8	2,283.69	8	1,892.86	8	1,500.84	8	1,112.81	8	732.62	8	340.55	8		8		8		8	
1/4	2,275.55	1/4	1,884.69	1/4	1,492.68	1/4	1,104.98	1/4	724.45	1/4	332.36	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,267.41	1/2	1,876.52	1/2	1,484.51	1/2	1,097.15	1/2	716.28	1/2	324.18	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,259.27	3/4	1,868.36	3/4	1,476.34	3/4	1,089.32	3/4	708.10	3/4	315.99	3/4		3/4	3/4	3/4		3/4	3/4
9	2,251.14	9	1,860.19	9	1,468.17	9	1,081.50	9	699.93	9	307.81	9		9		9		9	
1/4	2,243.00	1/4	1,852.02	1/4	1,460.01	1/4	1,073.67	1/4	691.76	1/4	299.63	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,234.86	1/2	1,843.86	1/2	1,451.84	1/2	1,065.84	1/2	683.59	1/2	291.44	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,226.73	3/4	1,835.69	3/4	1,443.67	3/4	1,058.01	3/4	675.41	3/4	283.26	3/4		3/4	3/4	3/4		3/4	3/4
10	2,218.59	10	1,827.52	10	1,435.51	10	1,050.18	10	667.24	10	275.07	10		10		10		10	
1/4	2,210.45	1/4	1,819.36	1/4	1,427.34	1/4	1,042.35	1/4	659.07	1/4	266.90	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,202.31	1/2	1,811.19	1/2	1,419.17	1/2	1,034.52	1/2	650.90	1/2	258.73	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,194.18	3/4	1,803.02	3/4	1,411.01	3/4	1,026.69	3/4	642.73	3/4	250.56	3/4		3/4	3/4	3/4		3/4	3/4
11	2,186.04	11	1,794.85	11	1,402.84	11	1,018.86	11	634.55	11	242.39	11		11		11		11	
1/4	2,177.90	1/4	1,786.69	1/4	1,394.67	1/4	1,011.03	1/4	626.38	1/4	234.22	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,169.76	1/2	1,778.52	1/2	1,386.50	1/2	1,003.20	1/2	618.21	1/2	226.05	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,161.63	3/4	1,770.35	3/4	1,378.34	3/4	995.38	3/4	610.04	3/4	217.88	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 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 30040B"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,661.65	0	4,374.86	0	4,072.42	0	3,752.02	0	3,359.42	0	2,966.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,655.85	1/4	4,368.73	1/4	4,066.00	1/4	3,743.84	1/4	3,351.24	1/4	2,958.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,650.02	1/2	4,362.57	1/2	4,059.58	1/2	3,735.66	1/2	3,343.06	1/2	2,950.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,644.19	3/4	4,356.41	3/4	4,053.16	3/4	3,727.48	3/4	3,334.88	3/4	2,942.25
1		1		1		1		1	4,638.36	1	4,350.25	1	4,046.74	1	3,719.30	1	3,326.70	1	2,934.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,632.53	1/4	4,344.09	1/4	4,040.33	1/4	3,711.12	1/4	3,318.52	1/4	2,925.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,626.67	1/2	4,337.90	1/2	4,033.91	1/2	3,702.95	1/2	3,310.34	1/2	2,917.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,884.93	3/4	4,620.81	3/4	4,331.71	3/4	4,027.49	3/4	3,694.77	3/4	2,909.52
2		2		2		2		2	4,881.92	2	4,614.95	2	4,325.52	2	4,021.07	2	3,686.59	2	2,901.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,878.91	1/4	4,609.10	1/4	4,319.33	1/4	4,014.65	1/4	3,678.41	1/4	2,893.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,874.53	1/2	4,603.21	1/2	4,313.12	1/2	4,008.24	1/2	3,670.23	1/2	2,884.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,870.16	3/4	4,597.33	3/4	4,306.90	3/4	4,001.82	3/4	3,662.05	3/4	2,876.78
3		3		3		3		3	4,865.78	3	4,591.44	3	4,300.69	3	3,995.40	3	3,653.87	3	2,868.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,861.40	1/4	4,585.56	1/4	4,294.47	1/4	3,988.98	1/4	3,645.69	1/4	2,860.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,855.66	1/2	4,579.64	1/2	4,288.23	1/2	3,982.56	1/2	3,637.51	1/2	2,852.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,849.92	3/4	4,573.73	3/4	4,281.98	3/4	3,976.15	3/4	3,629.33	3/4	2,844.05
4		4		4		4		4	4,844.18	4	4,567.82	4	4,275.74	4	3,969.73	4	3,621.15	4	2,835.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,838.44	1/4	4,561.91	1/4	4,269.50	1/4	3,963.31	1/4	3,612.97	1/4	2,827.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,832.83	1/2	4,555.96	1/2	4,263.23	1/2	3,956.89	1/2	3,604.79	1/2	2,819.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,827.22	3/4	4,550.02	3/4	4,256.96	3/4	3,950.47	3/4	3,596.62	3/4	2,811.32
5		5		5		5		5	4,821.61	5	4,544.08	5	4,250.69	5	3,944.05	5	3,588.44	5	2,803.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,816.00	1/4	4,538.14	1/4	4,244.41	1/4	3,937.64	1/4	3,580.26	1/4	2,794.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,810.37	1/2	4,532.18	1/2	4,238.12	1/2	3,931.22	1/2	3,572.08	1/2	2,786.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,804.73	3/4	4,526.21	3/4	4,231.82	3/4	3,924.80	3/4	3,563.90	3/4	2,778.58
6		6		6		6		6	4,799.09	6	4,520.24	6	4,225.52	6	3,918.38	6	3,555.72	6	2,770.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,793.46	1/4	4,514.27	1/4	4,219.22	1/4	3,911.96	1/4	3,547.54	1/4	2,762.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,787.79	1/2	4,508.28	1/2	4,212.89	1/2	3,905.55	1/2	3,539.36	1/2	2,754.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.13	3/4	4,502.28	3/4	4,206.57	3/4	3,899.13	3/4	3,531.18	3/4	2,745.85
7		7		7		7		7	4,776.46	7	4,496.29	7	4,200.24	7	3,892.71	7	3,523.00	7	2,737.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,770.80	1/4	4,490.29	1/4	4,193.92	1/4	3,886.29	1/4	3,514.82	1/4	2,729.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.10	1/2	4,484.27	1/2	4,187.56	1/2	3,879.87	1/2	3,506.64	1/2	2,721.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,759.41	3/4	4,478.25	3/4	4,181.21	3/4	3,873.46	3/4	3,498.47	3/4	2,713.11
8		8		8		8		8	4,753.72	8	4,472.22	8	4,174.86	8	3,867.04	8	3,490.29	8	2,704.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,748.03	1/4	4,466.20	1/4	4,168.50	1/4	3,860.62	1/4	3,482.11	1/4	2,696.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,742.31	1/2	4,460.15	1/2	4,162.12	1/2	3,854.20	1/2	3,473.93	1/2	2,688.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,736.59	3/4	4,454.10	3/4	4,155.74	3/4	3,847.78	3/4	3,465.75	3/4	2,680.38
9		9		9		9		9	4,730.87	9	4,448.05	9	4,149.36	9	3,841.37	9	3,457.57	9	2,672.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,725.15	1/4	4,442.00	1/4	4,142.98	1/4	3,834.95	1/4	3,449.39	1/4	2,664.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,719.40	1/2	4,435.92	1/2	4,136.57	1/2	3,828.53	1/2	3,441.21	1/2	2,655.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,713.65	3/4	4,429.84	3/4	4,130.16	3/4	3,822.11	3/4	3,433.03	3/4	2,647.64
10		10		10		10		10	4,707.90	10	4,423.76	10	4,123.75	10	3,815.69	10	3,424.85	10	2,639.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,702.16	1/4	4,417.69	1/4	4,117.34	1/4	3,809.27	1/4	3,416.67	1/4	2,631.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,696.38	1/2	4,411.58	1/2	4,110.93	1/2	3,801.10	1/2	3,408.49	1/2	2,623.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,690.61	3/4	4,405.47	3/4	4,104.51	3/4	3,792.92	3/4	3,400.31	3/4	2,614.91
11		11		11		11		11	4,684.83	11	4,399.37	11	4,098.09	11	3,784.74	11	3,392.14	11	2,606.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,679.06	1/4	4,393.26	1/4	4,091.67	1/4	3,776.56	1/4	3,383.96	1/4	2,598.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,673.26	1/2	4,387.13	1/2	4,085.25	1/2	3,768.38	1/2	3,375.78	1/2	2,590.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,667.45	3/4	4,381.00	3/4	4,078.83	3/4	3,760.20	3/4	3,367.60	3/4	2,582.17

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30040B"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/4"

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	2,573.99	0	2,181.18	0	1,788.68	0	1,395.83	0	1,003.13	0	610.32	0	217.87	0		0		0	
1/4	2,565.81	1/4	2,172.99	1/4	1,780.49	1/4	1,387.64	1/4	994.95	1/4	602.13	1/4	209.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,557.62	1/2	2,164.81	1/2	1,772.31	1/2	1,379.46	1/2	986.77	1/2	593.97	1/2	201.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,549.44	3/4	2,156.63	3/4	1,764.12	3/4	1,371.28	3/4	978.59	3/4	585.80	3/4	193.36	3/4	3/4	3/4	3/4	3/4	3/4
1	2,541.26	1	2,148.44	1	1,755.94	1	1,363.09	1	970.41	1	577.64	1	185.19	1		1		1	
1/4	2,533.07	1/4	2,140.26	1/4	1,747.75	1/4	1,354.91	1/4	962.23	1/4	569.47	1/4	177.02	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,524.89	1/2	2,132.08	1/2	1,739.57	1/2	1,346.72	1/2	954.05	1/2	561.30	1/2	169.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,516.71	3/4	2,123.89	3/4	1,731.38	3/4	1,338.54	3/4	945.87	3/4	553.14	3/4	161.85	3/4	3/4	3/4	3/4	3/4	3/4
2	2,508.52	2	2,115.71	2	1,723.20	2	1,330.35	2	937.68	2	544.97	2	154.27	2		2		2	
1/4	2,500.34	1/4	2,107.53	1/4	1,715.02	1/4	1,322.17	1/4	929.50	1/4	536.81	1/4	146.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,492.16	1/2	2,099.34	1/2	1,706.83	1/2	1,313.99	1/2	921.31	1/2	528.64	1/2	140.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,483.97	3/4	2,091.16	3/4	1,698.65	3/4	1,305.80	3/4	913.13	3/4	520.48	3/4	133.87	3/4	3/4	3/4	3/4	3/4	3/4
3	2,475.79	3	2,082.98	3	1,690.46	3	1,297.62	3	904.94	3	512.31	3	127.47	3		3		3	
1/4	2,467.60	1/4	2,074.79	1/4	1,682.28	1/4	1,289.43	1/4	896.76	1/4	504.14	1/4	121.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,459.42	1/2	2,066.61	1/2	1,674.09	1/2	1,281.25	1/2	888.58	1/2	495.98	1/2	115.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,451.24	3/4	2,058.42	3/4	1,665.91	3/4	1,273.06	3/4	880.39	3/4	487.81	3/4	110.62	3/4	3/4	3/4	3/4	3/4	3/4
4	2,443.05	4	2,050.24	4	1,657.73	4	1,264.88	4	872.21	4	479.65	4	105.40	4		4		4	
1/4	2,434.87	1/4	2,042.06	1/4	1,649.54	1/4	1,256.70	1/4	864.02	1/4	471.48	1/4	100.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,426.69	1/2	2,033.87	1/2	1,641.36	1/2	1,248.51	1/2	855.84	1/2	463.30	1/2	96.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,418.50	3/4	2,025.69	3/4	1,633.17	3/4	1,240.33	3/4	847.66	3/4	455.11	3/4	92.12	3/4	3/4	3/4	3/4	3/4	3/4
5	2,410.32	5	2,017.51	5	1,624.99	5	1,232.14	5	839.47	5	446.93	5	88.09	5		5		5	
1/4	2,402.14	1/4	2,009.32	1/4	1,616.80	1/4	1,223.96	1/4	831.29	1/4	438.75	1/4	84.06	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,393.95	1/2	2,001.14	1/2	1,608.62	1/2	1,215.78	1/2	823.10	1/2	430.56	1/2	81.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,385.77	3/4	1,992.96	3/4	1,600.44	3/4	1,207.60	3/4	814.92	3/4	422.38	3/4	78.37	3/4	3/4	3/4	3/4	3/4	3/4
6	2,377.58	6	1,984.77	6	1,592.25	6	1,199.42	6	806.74	6	414.19	6	75.53	6		6		6	
1/4	2,369.40	1/4	1,976.59	1/4	1,584.07	1/4	1,191.24	1/4	798.55	1/4	406.01	1/4	72.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,361.22	1/2	1,968.41	1/2	1,575.88	1/2	1,183.06	1/2	790.37	1/2	397.83	1/2	71.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,353.03	3/4	1,960.24	3/4	1,567.70	3/4	1,174.88	3/4	782.18	3/4	389.64	3/4	69.43	3/4	3/4	3/4	3/4	3/4	3/4
7	2,344.85	7	1,952.07	7	1,559.51	7	1,166.71	7	774.00	7	381.46	7	67.81	7		7		7	
1/4	2,336.67	1/4	1,943.89	1/4	1,551.33	1/4	1,158.53	1/4	765.82	1/4	373.27	1/4	66.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,328.48	1/2	1,935.73	1/2	1,543.15	1/2	1,150.35	1/2	757.63	1/2	365.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,320.30	3/4	1,927.57	3/4	1,534.96	3/4	1,142.17	3/4	749.45	3/4	356.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,312.12	8	1,919.40	8	1,526.78	8	1,133.99	8	741.26	8	348.72	8	8	8		8		8	
1/4	2,303.93	1/4	1,911.24	1/4	1,518.59	1/4	1,125.81	1/4	733.08	1/4	340.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,295.75	1/2	1,903.07	1/2	1,510.41	1/2	1,117.63	1/2	724.89	1/2	332.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,287.57	3/4	1,894.91	3/4	1,502.22	3/4	1,109.45	3/4	716.71	3/4	324.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,279.38	9	1,886.75	9	1,494.04	9	1,101.27	9	708.53	9	315.98	9	9	9		9		9	
1/4	2,271.20	1/4	1,878.58	1/4	1,485.86	1/4	1,093.10	1/4	700.34	1/4	307.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,263.01	1/2	1,870.42	1/2	1,477.67	1/2	1,084.92	1/2	692.16	1/2	299.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,254.83	3/4	1,862.25	3/4	1,469.49	3/4	1,076.74	3/4	683.97	3/4	291.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,246.65	10	1,854.09	10	1,461.30	10	1,068.56	10	675.79	10	283.25	10	10	10		10		10	
1/4	2,238.46	1/4	1,845.93	1/4	1,453.12	1/4	1,060.38	1/4	667.61	1/4	275.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,230.28	1/2	1,837.75	1/2	1,444.93	1/2	1,052.20	1/2	659.42	1/2	266.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,222.10	3/4	1,829.58	3/4	1,436.75	3/4	1,044.02	3/4	651.24	3/4	258.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,213.91	11	1,821.40	11	1,428.57	11	1,035.84	11	643.05	11	250.55	11	11	11		11		11	
1/4	2,205.73	1/4	1,813.23	1/4	1,420.38	1/4	1,027.66	1/4	634.87	1/4	242.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,197.55	1/2	1,805.04	1/2	1,412.20	1/2	1,019.49	1/2	626.69	1/2	234.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,189.36	3/4	1,796.86	3/4	1,404.01	3/4	1,011.31	3/4	618.50	3/4	226.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2007 CL - SW
CALCULATED: 03/25/2007 CL
PRINTED: 03/25/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

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