



BARGE "KIRBY 28055"

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

(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 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

August 22, 2007

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>

**BARGE "KIRBY 28055"****1 PORT
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-05"

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	4,208.45	0	3,919.92	0	3,617.12	0	3,300.40	0	2,971.38	0	2,640.16	0	2,308.92		
1/4	1/4	1/4	1/4	1/4	4,202.54	1/4	3,913.77	1/4	3,610.65	1/4	3,293.65	1/4	2,964.48	1/4	2,633.26	1/4	2,302.02		
1/2	1/2	1/2	1/2	1/2	4,196.63	1/2	3,907.62	1/2	3,604.18	1/2	3,286.90	1/2	2,957.58	1/2	2,626.36	1/2	2,295.12		
3/4	3/4	3/4	3/4	3/4	4,190.73	3/4	3,901.47	3/4	3,597.71	3/4	3,280.15	3/4	2,950.68	3/4	2,619.46	3/4	2,288.22		
1	1	1	1	1	4,184.82	1	3,895.32	1	3,591.24	1	3,273.40	1	2,943.78	1	2,612.56	1	2,281.32		
1/4	1/4	1/4	1/4	1/4	4,178.89	1/4	3,889.14	1/4	3,584.75	1/4	3,266.62	1/4	2,936.88	1/4	2,605.66	1/4	2,274.42		
1/2	1/2	1/2	1/2	1/2	4,172.96	1/2	3,882.96	1/2	3,578.25	1/2	3,259.84	1/2	2,929.98	1/2	2,598.76	1/2	2,267.51		
3/4	3/4	3/4	3/4	3/4	4,167.03	3/4	3,876.78	3/4	3,571.76	3/4	3,253.06	3/4	2,923.08	3/4	2,591.86	3/4	2,260.61		
2	2	2	2	2	4,161.10	2	3,870.60	2	3,565.27	2	3,246.28	2	2,916.18	2	2,584.96	2	2,253.71		
1/4	1/4	1/4	1/4	1/4	4,155.15	1/4	3,864.40	1/4	3,558.76	1/4	3,239.48	1/4	2,909.28	1/4	2,578.06	1/4	2,246.81		
1/2	1/2	1/2	1/2	1/2	4,149.19	1/2	3,858.20	1/2	3,552.24	1/2	3,232.68	1/2	2,902.38	1/2	2,571.16	1/2	2,239.91		
3/4	3/4	3/4	3/4	3/4	4,143.23	3/4	3,852.00	3/4	3,545.73	3/4	3,225.89	3/4	2,895.48	3/4	2,564.26	3/4	2,233.01		
3	3	3	3	3	4,137.28	3	3,845.80	3	3,539.22	3	3,219.09	3	2,888.57	3	2,557.36	3	2,226.10		
1/4	1/4	1/4	1/4	1/4	4,131.33	1/4	3,839.54	1/4	3,532.68	1/4	3,212.27	1/4	2,881.67	1/4	2,550.46	1/4	2,219.20		
1/2	1/2	1/2	1/2	1/2	4,125.39	1/2	3,833.29	1/2	3,526.14	1/2	3,205.45	1/2	2,874.77	1/2	2,543.56	1/2	2,212.30		
3/4	3/4	3/4	3/4	3/4	4,119.45	3/4	3,827.03	3/4	3,519.60	3/4	3,198.63	3/4	2,867.87	3/4	2,536.66	3/4	2,205.40		
4	4	4	4	4	4,113.50	4	3,820.78	4	3,513.06	4	3,191.81	4	2,860.97	4	2,529.76	4	2,198.50		
1/4	1/4	1/4	1/4	1/4	4,107.54	1/4	3,814.49	1/4	3,506.49	1/4	3,184.96	1/4	2,854.07	1/4	2,522.86	1/4	2,191.60		
1/2	1/2	1/2	1/2	1/2	4,101.57	1/2	3,808.21	1/2	3,499.93	1/2	3,178.11	1/2	2,847.17	1/2	2,515.96	1/2	2,184.69		
3/4	3/4	3/4	3/4	3/4	4,095.61	3/4	3,801.93	3/4	3,493.37	3/4	3,171.26	3/4	2,840.27	3/4	2,509.06	3/4	2,177.79		
5	5	5	5	5	4,089.64	5	3,795.65	5	3,486.81	5	3,164.41	5	2,833.37	5	2,502.16	5	2,170.89		
1/4	1/4	1/4	1/4	1/4	4,083.65	1/4	3,789.34	1/4	3,480.22	1/4	3,157.55	1/4	2,826.47	1/4	2,495.26	1/4	2,163.99		
1/2	1/2	1/2	1/2	1/2	4,077.66	1/2	3,783.04	1/2	3,473.63	1/2	3,150.68	1/2	2,819.57	1/2	2,488.36	1/2	2,157.09		
3/4	3/4	3/4	3/4	3/4	4,071.67	3/4	3,776.73	3/4	3,467.04	3/4	3,143.81	3/4	2,812.67	3/4	2,481.46	3/4	2,150.19		
6	6	6	6	6	4,065.67	6	3,770.43	6	3,460.44	6	3,136.94	6	2,805.77	6	2,474.56	6	2,143.29		
1/4	1/4	1/4	1/4	1/4	4,357.96	1/4	4,059.66	1/4	3,764.10	1/4	3,453.83	1/4	3,130.05	1/4	2,798.87	1/4	2,467.66	1/4	2,136.38
1/2	1/2	1/2	1/2	1/2	4,352.78	1/2	4,053.65	1/2	3,757.76	1/2	3,447.22	1/2	3,123.16	1/2	2,791.97	1/2	2,460.76	1/2	2,129.48
3/4	3/4	3/4	3/4	3/4	4,347.60	3/4	4,047.63	3/4	3,751.43	3/4	3,440.61	3/4	3,116.27	3/4	2,785.07	3/4	2,453.86	3/4	2,122.58
7	7	7	7	7	4,342.42	7	4,041.62	7	3,745.10	7	3,434.00	7	3,109.38	7	2,778.17	7	2,446.96	7	2,115.68
1/4	1/4	1/4	1/4	1/4	4,335.52	1/4	4,035.58	1/4	3,738.75	1/4	3,427.37	1/4	3,102.48	1/4	2,771.27	1/4	2,440.05	1/4	2,108.78
1/2	1/2	1/2	1/2	1/2	4,328.62	1/2	4,029.54	1/2	3,732.39	1/2	3,420.74	1/2	3,095.58	1/2	2,764.37	1/2	2,433.15	1/2	2,101.88
3/4	3/4	3/4	3/4	3/4	4,321.72	3/4	4,023.50	3/4	3,726.04	3/4	3,414.11	3/4	3,088.68	3/4	2,757.47	3/4	2,426.25	3/4	2,094.97
8	8	8	8	8	4,314.82	8	4,017.46	8	3,719.69	8	3,407.48	8	3,081.78	8	2,750.57	8	2,419.35	8	2,088.07
1/4	1/4	1/4	1/4	1/4	4,307.92	1/4	4,011.40	1/4	3,713.32	1/4	3,400.82	1/4	3,074.88	1/4	2,743.67	1/4	2,412.45	1/4	2,081.17
1/2	1/2	1/2	1/2	1/2	4,301.02	1/2	4,005.34	1/2	3,706.94	1/2	3,394.16	1/2	3,067.98	1/2	2,736.77	1/2	2,405.55	1/2	2,074.27
3/4	3/4	3/4	3/4	3/4	4,294.11	3/4	3,999.27	3/4	3,700.57	3/4	3,387.50	3/4	3,061.08	3/4	2,729.87	3/4	2,398.64	3/4	2,067.37
9	9	9	9	9	4,287.21	9	3,993.21	9	3,694.19	9	3,380.84	9	3,054.18	9	2,722.97	9	2,391.74	9	2,060.47
1/4	1/4	1/4	1/4	1/4	4,280.31	1/4	3,987.13	1/4	3,687.79	1/4	3,374.16	1/4	3,047.28	1/4	2,716.07	1/4	2,384.84	1/4	2,053.56
1/2	1/2	1/2	1/2	1/2	4,273.41	1/2	3,981.05	1/2	3,681.39	1/2	3,367.48	1/2	3,040.38	1/2	2,709.17	1/2	2,377.94	1/2	2,046.66
3/4	3/4	3/4	3/4	3/4	4,266.51	3/4	3,974.97	3/4	3,674.99	3/4	3,360.80	3/4	3,033.48	3/4	2,702.27	3/4	2,371.04	3/4	2,039.76
10	10	10	10	10	4,259.61	10	3,968.89	10	3,668.59	10	3,354.12	10	3,026.58	10	2,695.37	10	2,364.14	10	2,032.86
1/4	1/4	1/4	1/4	1/4	4,252.70	1/4	3,962.78	1/4	3,662.16	1/4	3,347.42	1/4	3,019.68	1/4	2,688.47	1/4	2,357.23	1/4	2,025.96
1/2	1/2	1/2	1/2	1/2	4,245.80	1/2	3,956.67	1/2	3,655.74	1/2	3,340.72	1/2	3,012.78	1/2	2,681.57	1/2	2,350.33	1/2	2,019.06
3/4	3/4	3/4	3/4	3/4	4,238.90	3/4	3,950.56	3/4	3,649.32	3/4	3,334.01	3/4	3,005.88	3/4	2,674.67	3/4	2,343.43	3/4	2,012.15
11	11	11	11	11	4,232.00	11	3,944.45	11	3,642.90	11	3,327.31	11	2,998.98	11	2,667.77	11	2,336.53	11	2,005.25
1/4	1/4	1/4	1/4	1/4	4,226.11	1/4	3,938.32	1/4	3,636.45	1/4	3,320.58	1/4	2,992.08	1/4	2,660.86	1/4	2,329.63	1/4	1,998.35
1/2	1/2	1/2	1/2	1/2	4,220.23	1/2	3,932.18	1/2	3,630.01	1/2	3,313.86	1/2	2,985.18	1/2	2,653.96	1/2	2,322.73	1/2	1,991.45
3/4	3/4	3/4	3/4	3/4	4,214.34	3/4	3,926.05	3/4	3,623.57	3/4	3,307.13	3/4	2,978.28	3/4	2,647.06	3/4	2,315.83	3/4	1,984.55

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 37'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28055"

1 PORT ULLAGE TABLE

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

GUAGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,977.65	0	1,646.37	0	1,315.09	0	984.15	0	668.05	0	375.02	0	105.58	0		0		0	
1/4	1,970.75	1/4	1,639.47	1/4	1,308.19	1/4	977.33	1/4	661.72	1/4	369.18	1/4	100.23	1/4		1/4		1/4	
1/2	1,963.84	1/2	1,632.57	1/2	1,301.29	1/2	970.51	1/2	655.39	1/2	363.34	1/2	94.88	1/2		1/2		1/2	
3/4	1,956.94	3/4	1,625.67	3/4	1,294.39	3/4	963.69	3/4	649.06	3/4	357.50	3/4	89.54	3/4		3/4		3/4	
1	1,950.04	1	1,618.76	1	1,287.49	1	956.87	1	642.73	1	351.66	1	84.19	1		1		1	
1/4	1,943.14	1/4	1,611.86	1/4	1,280.59	1/4	950.11	1/4	636.44	1/4	345.87	1/4	78.89	1/4		1/4		1/4	
1/2	1,936.24	1/2	1,604.96	1/2	1,273.68	1/2	943.34	1/2	630.15	1/2	340.07	1/2	73.59	1/2		1/2		1/2	
3/4	1,929.34	3/4	1,598.06	3/4	1,266.78	3/4	936.58	3/4	623.86	3/4	334.28	3/4	68.28	3/4		3/4		3/4	
2	1,922.43	2	1,591.16	2	1,259.88	2	929.81	2	617.57	2	328.48	2	62.98	2		2		2	
1/4	1,915.53	1/4	1,584.26	1/4	1,252.98	1/4	923.09	1/4	611.33	1/4	322.72	1/4	57.72	1/4		1/4		1/4	
1/2	1,908.63	1/2	1,577.35	1/2	1,246.08	1/2	916.37	1/2	605.08	1/2	316.96	1/2	52.45	1/2		1/2		1/2	
3/4	1,901.73	3/4	1,570.45	3/4	1,239.18	3/4	909.64	3/4	598.83	3/4	311.20	3/4	47.19	3/4		3/4		3/4	
3	1,894.83	3	1,563.55	3	1,232.27	3	902.92	3	592.58	3	305.45	3	41.92	3		3		3	
1/4	1,887.93	1/4	1,556.65	1/4	1,225.37	1/4	896.24	1/4	586.37	1/4	299.73	1/4	37.57	1/4		1/4		1/4	
1/2	1,881.02	1/2	1,549.75	1/2	1,218.47	1/2	889.55	1/2	580.17	1/2	294.02	1/2	33.21	1/2		1/2		1/2	
3/4	1,874.12	3/4	1,542.85	3/4	1,211.57	3/4	882.87	3/4	573.96	3/4	288.30	3/4	28.85	3/4		3/4		3/4	
4	1,867.22	4	1,535.94	4	1,204.67	4	876.19	4	567.75	4	282.59	4	24.50	4		4		4	
1/4	1,860.32	1/4	1,529.04	1/4	1,197.77	1/4	869.55	1/4	561.59	1/4	276.91	1/4	21.91	1/4		1/4		1/4	
1/2	1,853.42	1/2	1,522.14	1/2	1,190.86	1/2	862.91	1/2	555.42	1/2	271.24	1/2	19.31	1/2		1/2		1/2	
3/4	1,846.52	3/4	1,515.24	3/4	1,183.96	3/4	856.26	3/4	549.25	3/4	265.56	3/4	16.72	3/4		3/4		3/4	
5	1,839.61	5	1,508.34	5	1,177.06	5	849.62	5	543.09	5	259.88	5	14.13	5		5		5	
1/4	1,832.71	1/4	1,501.44	1/4	1,170.16	1/4	843.02	1/4	536.96	1/4	254.25	1/4		1/4		1/4		1/4	
1/2	1,825.81	1/2	1,494.53	1/2	1,163.26	1/2	836.42	1/2	530.84	1/2	248.62	1/2		1/2		1/2		1/2	
3/4	1,818.91	3/4	1,487.63	3/4	1,156.36	3/4	829.82	3/4	524.71	3/4	242.99	3/4		3/4		3/4		3/4	
6	1,812.01	6	1,480.73	6	1,149.45	6	823.22	6	518.59	6	237.35	6		6		6		6	
1/4	1,805.11	1/4	1,473.83	1/4	1,142.55	1/4	816.66	1/4	512.50	1/4	231.76	1/4		1/4		1/4		1/4	
1/2	1,798.21	1/2	1,466.93	1/2	1,135.65	1/2	810.10	1/2	506.42	1/2	226.16	1/2		1/2		1/2		1/2	
3/4	1,791.30	3/4	1,460.03	3/4	1,128.75	3/4	803.54	3/4	500.33	3/4	220.57	3/4		3/4		3/4		3/4	
7	1,784.40	7	1,453.13	7	1,121.85	7	796.98	7	494.25	7	214.97	7		7		7		7	
1/4	1,777.50	1/4	1,446.22	1/4	1,114.95	1/4	790.46	1/4	488.21	1/4	209.42	1/4		1/4		1/4		1/4	
1/2	1,770.60	1/2	1,439.32	1/2	1,108.05	1/2	783.94	1/2	482.16	1/2	203.87	1/2		1/2		1/2		1/2	
3/4	1,763.70	3/4	1,432.42	3/4	1,101.14	3/4	777.42	3/4	476.12	3/4	198.32	3/4		3/4		3/4		3/4	
8	1,756.80	8	1,425.52	8	1,094.24	8	770.90	8	470.08	8	192.77	8		8		8		8	
1/4	1,749.89	1/4	1,418.62	1/4	1,087.34	1/4	764.43	1/4	464.07	1/4	187.26	1/4		1/4		1/4		1/4	
1/2	1,742.99	1/2	1,411.72	1/2	1,080.44	1/2	757.95	1/2	458.07	1/2	181.75	1/2		1/2		1/2		1/2	
3/4	1,736.09	3/4	1,404.81	3/4	1,073.54	3/4	751.47	3/4	452.07	3/4	176.23	3/4		3/4		3/4		3/4	
9	1,729.19	9	1,397.91	9	1,066.64	9	744.99	9	446.07	9	170.72	9		9		9		9	
1/4	1,722.29	1/4	1,391.01	1/4	1,059.75	1/4	738.54	1/4	440.10	1/4	165.25	1/4		1/4		1/4		1/4	
1/2	1,715.39	1/2	1,384.11	1/2	1,052.86	1/2	732.09	1/2	434.14	1/2	159.78	1/2		1/2		1/2		1/2	
3/4	1,708.48	3/4	1,377.21	3/4	1,045.96	3/4	725.63	3/4	428.18	3/4	154.32	3/4		3/4		3/4		3/4	
10	1,701.58	10	1,370.31	10	1,039.07	10	719.18	10	422.22	10	148.85	10		10		10		10	
1/4	1,694.68	1/4	1,363.40	1/4	1,032.19	1/4	712.77	1/4	416.30	1/4	143.42	1/4		1/4		1/4		1/4	
1/2	1,687.78	1/2	1,356.50	1/2	1,025.32	1/2	706.36	1/2	410.38	1/2	137.98	1/2		1/2		1/2		1/2	
3/4	1,680.88	3/4	1,349.60	3/4	1,018.44	3/4	699.94	3/4	404.46	3/4	132.55	3/4		3/4		3/4		3/4	
11	1,673.98	11	1,342.70	11	1,011.56	11	693.53	11	398.54	11	127.12	11		11		11		11	
1/4	1,667.07	1/4	1,335.80	1/4	1,004.71	1/4	687.16	1/4	392.66	1/4	121.73	1/4		1/4		1/4		1/4	
1/2	1,660.17	1/2	1,328.90	1/2	997.86	1/2	680.79	1/2	386.78	1/2	116.35	1/2		1/2		1/2		1/2	
3/4	1,653.27	3/4	1,321.99	3/4	991.00	3/4	674.42	3/4	380.90	3/4	110.96	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

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



BARGE "KIRBY 28055"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	4,209.80	0	3,921.71	0	3,619.42	0	3,303.18	0	2,974.55	0	2,643.56	0	2,312.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,203.92	1/4	3,915.58	1/4	3,612.98	1/4	3,296.46	1/4	2,967.65	1/4	2,636.66	1/4	2,305.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,198.01	1/2	3,909.43	1/2	3,606.51	1/2	3,289.72	1/2	2,960.76	1/2	2,629.77	1/2	2,298.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,192.11	3/4	3,903.28	3/4	3,600.04	3/4	3,282.97	3/4	2,953.86	3/4	2,622.87	3/4	2,291.85
1		1		1		1	4,186.21	1	3,897.14	1	3,593.58	1	3,276.22	1	2,946.97	1	2,615.97	1	2,284.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,180.30	1/4	3,890.99	1/4	3,587.11	1/4	3,269.48	1/4	2,940.07	1/4	2,609.08	1/4	2,278.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,174.38	1/2	3,884.81	1/2	3,580.62	1/2	3,262.70	1/2	2,933.18	1/2	2,602.18	1/2	2,271.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,168.45	3/4	3,878.64	3/4	3,574.13	3/4	3,255.93	3/4	2,926.28	3/4	2,595.29	3/4	2,264.26
2		2		2		2	4,162.53	2	3,872.46	2	3,567.65	2	3,249.15	2	2,919.38	2	2,588.39	2	2,257.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,156.60	1/4	3,866.29	1/4	3,561.16	1/4	3,242.38	1/4	2,912.49	1/4	2,581.50	1/4	2,250.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,150.65	1/2	3,860.09	1/2	3,554.65	1/2	3,235.58	1/2	2,905.59	1/2	2,574.60	1/2	2,243.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,144.69	3/4	3,853.90	3/4	3,548.14	3/4	3,228.79	3/4	2,898.70	3/4	2,567.70	3/4	2,236.67
3		3		3		3	4,138.74	3	3,847.70	3	3,541.63	3	3,222.00	3	2,891.80	3	2,560.81	3	2,229.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,132.79	1/4	3,841.50	1/4	3,535.12	1/4	3,215.20	1/4	2,884.91	1/4	2,553.91	1/4	2,222.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,126.85	1/2	3,835.25	1/2	3,528.59	1/2	3,208.39	1/2	2,878.01	1/2	2,547.02	1/2	2,215.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,120.91	3/4	3,829.00	3/4	3,522.05	3/4	3,201.57	3/4	2,871.11	3/4	2,540.12	3/4	2,209.08
4		4		4		4	4,114.97	4	3,822.75	4	3,515.51	4	3,194.76	4	2,864.22	4	2,533.23	4	2,202.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,109.03	1/4	3,816.50	1/4	3,508.98	1/4	3,187.94	1/4	2,857.32	1/4	2,526.33	1/4	2,195.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,103.07	1/2	3,810.22	1/2	3,502.42	1/2	3,181.10	1/2	2,850.43	1/2	2,519.43	1/2	2,188.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,097.11	3/4	3,803.94	3/4	3,495.86	3/4	3,174.25	3/4	2,843.53	3/4	2,512.54	3/4	2,181.49
5		5		5		5	4,091.15	5	3,797.66	5	3,489.31	5	3,167.41	5	2,836.64	5	2,505.64	5	2,174.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,085.19	1/4	3,791.38	1/4	3,482.75	1/4	3,160.56	1/4	2,829.74	1/4	2,498.75	1/4	2,167.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,079.20	1/2	3,785.08	1/2	3,476.16	1/2	3,153.70	1/2	2,822.85	1/2	2,491.85	1/2	2,160.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,073.21	3/4	3,778.78	3/4	3,469.57	3/4	3,146.84	3/4	2,815.95	3/4	2,484.96	3/4	2,153.90
6		6		6		6	4,067.22	6	3,772.48	6	3,462.99	6	3,139.97	6	2,809.05	6	2,478.06	6	2,147.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,061.24	1/4	3,766.18	1/4	3,456.40	1/4	3,133.11	1/4	2,802.16	1/4	2,471.16	1/4	2,140.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,055.23	1/2	3,759.86	1/2	3,449.80	1/2	3,126.23	1/2	2,795.26	1/2	2,464.27	1/2	2,133.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,348.15	3/4	4,049.22	3/4	3,753.53	3/4	3,443.19	3/4	3,119.34	3/4	2,788.37	3/4	2,457.37
7		7		7		7	4,043.21	7	3,747.20	7	3,436.58	7	3,112.45	7	2,781.47	7	2,450.48	7	2,119.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,037.80	1/4	4,037.20	1/4	3,740.87	1/4	3,429.98	1/4	3,105.57	1/4	2,774.58	1/4	2,443.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,030.91	1/2	4,031.16	1/2	3,734.52	1/2	3,423.35	1/2	3,098.67	1/2	2,767.68	1/2	2,436.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,024.01	3/4	4,025.12	3/4	3,728.17	3/4	3,416.72	3/4	3,091.78	3/4	2,760.78	3/4	2,429.79
8		8		8		8	4,017.11	8	4,019.09	8	3,721.82	8	3,410.10	8	3,084.88	8	2,753.89	8	2,422.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,010.22	1/4	4,013.05	1/4	3,715.48	1/4	3,403.47	1/4	3,077.99	1/4	2,746.99	1/4	2,415.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,003.32	1/2	4,006.99	1/2	3,709.11	1/2	3,396.81	1/2	3,071.09	1/2	2,740.10	1/2	2,409.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,296.42	3/4	4,000.93	3/4	3,702.74	3/4	3,390.16	3/4	3,064.19	3/4	2,733.20	3/4	2,402.20
9		9		9		9	4,289.52	9	3,994.88	9	3,696.37	9	3,383.50	9	3,057.30	9	2,726.31	9	2,395.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,282.63	1/4	3,988.82	1/4	3,690.00	1/4	3,376.85	1/4	3,050.40	1/4	2,719.41	1/4	2,388.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,275.73	1/2	3,982.74	1/2	3,683.60	1/2	3,370.17	1/2	3,043.51	1/2	2,712.51	1/2	2,381.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,268.83	3/4	3,976.67	3/4	3,677.20	3/4	3,363.50	3/4	3,036.61	3/4	2,705.62	3/4	2,374.61
10		10		10		10	4,261.94	10	3,970.59	10	3,670.80	10	3,356.82	10	3,029.72	10	2,698.72	10	2,367.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,255.04	1/4	3,964.51	1/4	3,664.41	1/4	3,350.15	1/4	3,022.82	1/4	2,691.83	1/4	2,360.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,248.14	1/2	3,958.40	1/2	3,657.99	1/2	3,343.45	1/2	3,015.92	1/2	2,684.93	1/2	2,353.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,241.25	3/4	3,952.30	3/4	3,651.57	3/4	3,336.75	3/4	3,009.03	3/4	2,678.04	3/4	2,347.02
11		11		11		11	4,234.35	11	3,946.19	11	3,645.15	11	3,330.05	11	3,002.13	11	2,671.14	11	2,340.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,227.45	1/4	3,940.08	1/4	3,638.73	1/4	3,323.36	1/4	2,995.24	1/4	2,664.24	1/4	2,333.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,221.57	1/2	3,933.96	1/2	3,632.29	1/2	3,316.63	1/2	2,988.34	1/2	2,657.35	1/2	2,326.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,215.68	3/4	3,927.83	3/4	3,625.86	3/4	3,309.91	3/4	2,981.45	3/4	2,650.45	3/4	2,319.43

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 37'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28055"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,981.48	0	1,650.42	0	1,319.35	0	988.67	0	673.97	0	380.64	0	110.89	0		0		0	
1/4	1,974.58	1/4	1,643.52	1/4	1,312.46	1/4	981.85	1/4	667.60	1/4	374.77	1/4	105.51	1/4		1/4		1/4	
1/2	1,967.68	1/2	1,636.62	1/2	1,305.56	1/2	975.07	1/2	661.27	1/2	368.93	1/2	100.16	1/2		1/2		1/2	
3/4	1,960.78	3/4	1,629.72	3/4	1,298.66	3/4	968.29	3/4	654.95	3/4	363.10	3/4	94.82	3/4		3/4		3/4	
1	1,953.89	1	1,622.83	1	1,291.77	1	961.51	1	648.62	1	357.26	1	89.48	1		1		1	
1/4	1,946.99	1/4	1,615.93	1/4	1,284.87	1/4	954.73	1/4	642.29	1/4	351.43	1/4	84.13	1/4		1/4		1/4	
1/2	1,940.09	1/2	1,609.03	1/2	1,277.97	1/2	948.01	1/2	636.01	1/2	345.63	1/2	78.83	1/2		1/2		1/2	
3/4	1,933.20	3/4	1,602.14	3/4	1,271.07	3/4	941.29	3/4	629.73	3/4	339.84	3/4	73.54	3/4		3/4		3/4	
2	1,926.30	2	1,595.24	2	1,264.18	2	934.57	2	623.44	2	334.05	2	68.24	2		2		2	
1/4	1,919.40	1/4	1,588.34	1/4	1,257.28	1/4	927.85	1/4	617.16	1/4	328.26	1/4	62.94	1/4		1/4		1/4	
1/2	1,912.50	1/2	1,581.44	1/2	1,250.38	1/2	921.17	1/2	610.91	1/2	322.50	1/2	57.68	1/2		1/2		1/2	
3/4	1,905.61	3/4	1,574.55	3/4	1,243.49	3/4	914.49	3/4	604.67	3/4	316.75	3/4	52.42	3/4		3/4		3/4	
3	1,898.71	3	1,567.65	3	1,236.59	3	907.80	3	598.42	3	310.99	3	47.16	3		3		3	
1/4	1,891.81	1/4	1,560.75	1/4	1,229.69	1/4	901.12	1/4	592.18	1/4	305.24	1/4	41.90	1/4		1/4		1/4	
1/2	1,884.92	1/2	1,553.86	1/2	1,222.79	1/2	894.48	1/2	585.98	1/2	299.53	1/2	37.54	1/2		1/2		1/2	
3/4	1,878.02	3/4	1,546.96	3/4	1,215.90	3/4	887.85	3/4	579.77	3/4	293.82	3/4	33.19	3/4		3/4		3/4	
4	1,871.12	4	1,540.06	4	1,209.00	4	881.21	4	573.57	4	288.11	4	28.83	4		4		4	
1/4	1,864.23	1/4	1,533.16	1/4	1,202.10	1/4	874.57	1/4	567.37	1/4	282.40	1/4	24.48	1/4		1/4		1/4	
1/2	1,857.33	1/2	1,526.27	1/2	1,195.21	1/2	867.97	1/2	561.21	1/2	276.72	1/2	21.89	1/2		1/2		1/2	
3/4	1,850.43	3/4	1,519.37	3/4	1,188.31	3/4	861.37	3/4	555.04	3/4	271.05	3/4	19.30	3/4		3/4		3/4	
5	1,843.53	5	1,512.47	5	1,181.41	5	854.77	5	548.88	5	265.38	5	16.71	5		5		5	
1/4	1,836.64	1/4	1,505.58	1/4	1,174.52	1/4	848.17	1/4	542.72	1/4	259.71	1/4	14.12	1/4		1/4		1/4	
1/2	1,829.74	1/2	1,498.68	1/2	1,167.62	1/2	841.61	1/2	536.60	1/2	254.08	1/2		1/2		1/2		1/2	
3/4	1,822.84	3/4	1,491.78	3/4	1,160.72	3/4	835.06	3/4	530.48	3/4	248.45	3/4		3/4		3/4		3/4	
6	1,815.95	6	1,484.88	6	1,153.82	6	828.50	6	524.36	6	242.82	6	6	6		6		6	
1/4	1,809.05	1/4	1,477.99	1/4	1,146.93	1/4	821.94	1/4	518.24	1/4	237.19	1/4		1/4		1/4		1/4	
1/2	1,802.15	1/2	1,471.09	1/2	1,140.03	1/2	815.42	1/2	512.16	1/2	231.60	1/2		1/2		1/2		1/2	
3/4	1,795.25	3/4	1,464.19	3/4	1,133.13	3/4	808.91	3/4	506.08	3/4	226.01	3/4		3/4		3/4		3/4	
7	1,788.36	7	1,457.30	7	1,126.24	7	802.39	7	500.00	7	220.42	7	7	7		7		7	
1/4	1,781.46	1/4	1,450.40	1/4	1,119.34	1/4	795.87	1/4	493.91	1/4	214.83	1/4		1/4		1/4		1/4	
1/2	1,774.56	1/2	1,443.50	1/2	1,112.44	1/2	789.40	1/2	487.88	1/2	209.28	1/2		1/2		1/2		1/2	
3/4	1,767.67	3/4	1,436.60	3/4	1,105.54	3/4	782.92	3/4	481.84	3/4	203.74	3/4		3/4		3/4		3/4	
8	1,760.77	8	1,429.71	8	1,098.65	8	776.44	8	475.80	8	198.19	8	8	8		8		8	
1/4	1,753.87	1/4	1,422.81	1/4	1,091.75	1/4	769.97	1/4	469.76	1/4	192.64	1/4		1/4		1/4		1/4	
1/2	1,746.97	1/2	1,415.91	1/2	1,084.85	1/2	763.53	1/2	463.76	1/2	187.13	1/2		1/2		1/2		1/2	
3/4	1,740.08	3/4	1,409.02	3/4	1,077.96	3/4	757.10	3/4	457.76	3/4	181.62	3/4		3/4		3/4		3/4	
9	1,733.18	9	1,402.12	9	1,071.06	9	750.66	9	451.76	9	176.11	9	9	9		9		9	
1/4	1,726.28	1/4	1,395.22	1/4	1,064.17	1/4	744.23	1/4	445.76	1/4	170.60	1/4		1/4		1/4		1/4	
1/2	1,719.39	1/2	1,388.33	1/2	1,057.28	1/2	737.81	1/2	439.81	1/2	165.14	1/2		1/2		1/2		1/2	
3/4	1,712.49	3/4	1,381.43	3/4	1,050.39	3/4	731.40	3/4	433.85	3/4	159.68	3/4		3/4		3/4		3/4	
10	1,705.59	10	1,374.53	10	1,043.50	10	724.99	10	427.89	10	154.21	10	10	10		10		10	
1/4	1,698.69	1/4	1,367.63	1/4	1,036.61	1/4	718.58	1/4	421.94	1/4	148.75	1/4		1/4		1/4		1/4	
1/2	1,691.80	1/2	1,360.74	1/2	1,029.74	1/2	712.20	1/2	416.02	1/2	143.32	1/2		1/2		1/2		1/2	
3/4	1,684.90	3/4	1,353.84	3/4	1,022.87	3/4	705.82	3/4	410.10	3/4	137.89	3/4		3/4		3/4		3/4	
11	1,678.00	11	1,346.94	11	1,016.00	11	699.44	11	404.19	11	132.46	11	11	11		11		11	
1/4	1,671.11	1/4	1,340.05	1/4	1,009.12	1/4	693.06	1/4	398.27	1/4	127.03	1/4		1/4		1/4		1/4	
1/2	1,664.21	1/2	1,333.15	1/2	1,002.31	1/2	686.70	1/2	392.39	1/2	121.65	1/2		1/2		1/2		1/2	
3/4	1,657.31	3/4	1,326.25	3/4	995.49	3/4	680.33	3/4	386.52	3/4	116.27	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

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



BARGE "KIRBY 28055"

**2 PORT
ULLAGE TABLE**

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

Gauge Height 16'-05 1/4"

Table with 18 columns representing gauge heights from 0 FT to 9 FT and 3 sub-columns per gauge height for different ullage points (IN, 1/2, 3/4). It lists capacity values in whole barrels of 42 U.S. gallons.

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 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28055"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,495.31	0	2,107.46	0	1,719.60	0	1,331.74	0	943.88	0	556.88	0	169.44	0		0		0	
1/4	2,487.23	1/4	2,099.38	1/4	1,711.52	1/4	1,323.66	1/4	935.80	1/4	548.81	1/4	161.37	1/4		1/4		1/4	
1/2	2,479.15	1/2	2,091.29	1/2	1,703.44	1/2	1,315.58	1/2	927.72	1/2	540.74	1/2	153.30	1/2		1/2		1/2	
3/4	2,471.07	3/4	2,083.21	3/4	1,695.36	3/4	1,307.50	3/4	919.64	3/4	532.67	3/4	145.22	3/4		3/4		3/4	
1	2,462.99	1	2,075.13	1	1,687.27	1	1,299.42	1	911.56	1	524.59	1	137.15	1		1		1	
1/4	2,454.91	1/4	2,067.05	1/4	1,679.19	1/4	1,291.34	1/4	903.48	1/4	516.52	1/4	129.08	1/4		1/4		1/4	
1/2	2,446.83	1/2	2,058.97	1/2	1,671.11	1/2	1,283.25	1/2	895.41	1/2	508.45	1/2	121.01	1/2		1/2		1/2	
3/4	2,438.75	3/4	2,050.89	3/4	1,663.03	3/4	1,275.17	3/4	887.34	3/4	500.38	3/4	112.94	3/4		3/4		3/4	
2	2,430.67	2	2,042.81	2	1,654.95	2	1,267.09	2	879.27	2	492.31	2	104.87	2		2		2	
1/4	2,422.59	1/4	2,034.73	1/4	1,646.87	1/4	1,259.01	1/4	871.20	1/4	484.24	1/4	96.79	1/4		1/4		1/4	
1/2	2,414.51	1/2	2,026.65	1/2	1,638.79	1/2	1,250.93	1/2	863.15	1/2	476.16	1/2	88.72	1/2		1/2		1/2	
3/4	2,406.43	3/4	2,018.57	3/4	1,630.71	3/4	1,242.85	3/4	855.09	3/4	468.09	3/4	80.65	3/4		3/4		3/4	
3	2,398.35	3	2,010.49	3	1,622.63	3	1,234.77	3	847.04	3	460.02	3	72.58	3		3		3	
1/4	2,390.27	1/4	2,002.41	1/4	1,614.55	1/4	1,226.69	1/4	838.98	1/4	451.95	1/4	64.51	1/4		1/4		1/4	
1/2	2,382.19	1/2	1,994.33	1/2	1,606.47	1/2	1,218.61	1/2	830.92	1/2	443.88	1/2	57.44	1/2		1/2		1/2	
3/4	2,374.11	3/4	1,986.25	3/4	1,598.39	3/4	1,210.53	3/4	822.87	3/4	435.81	3/4	50.38	3/4		3/4		3/4	
4	2,366.03	4	1,978.17	4	1,590.31	4	1,202.45	4	814.81	4	427.73	4	43.32	4		4		4	
1/4	2,357.95	1/4	1,970.09	1/4	1,582.23	1/4	1,194.37	1/4	806.76	1/4	419.66	1/4	36.26	1/4		1/4		1/4	
1/2	2,349.87	1/2	1,962.01	1/2	1,574.15	1/2	1,186.29	1/2	798.70	1/2	411.59	1/2	31.22	1/2		1/2		1/2	
3/4	2,341.79	3/4	1,953.93	3/4	1,566.07	3/4	1,178.21	3/4	790.64	3/4	403.52	3/4	26.17	3/4		3/4		3/4	
5	2,333.71	5	1,945.85	5	1,557.99	5	1,170.13	5	782.59	5	395.45	5	21.13	5		5		5	
1/4	2,325.63	1/4	1,937.77	1/4	1,549.91	1/4	1,162.05	1/4	774.53	1/4	387.38	1/4	16.09	1/4		1/4		1/4	
1/2	2,317.55	1/2	1,929.69	1/2	1,541.83	1/2	1,153.97	1/2	766.48	1/2	379.30	1/2		1/2		1/2		1/2	
3/4	2,309.47	3/4	1,921.61	3/4	1,533.75	3/4	1,145.89	3/4	758.42	3/4	371.23	3/4		3/4		3/4		3/4	
6	2,301.39	6	1,913.53	6	1,525.67	6	1,137.81	6	750.36	6	363.16	6	6	6		6		6	
1/4	2,293.30	1/4	1,905.45	1/4	1,517.59	1/4	1,129.73	1/4	742.31	1/4	355.09	1/4		1/4		1/4		1/4	
1/2	2,285.22	1/2	1,897.37	1/2	1,509.51	1/2	1,121.65	1/2	734.25	1/2	347.02	1/2		1/2		1/2		1/2	
3/4	2,277.14	3/4	1,889.28	3/4	1,501.43	3/4	1,113.57	3/4	726.20	3/4	338.95	3/4		3/4		3/4		3/4	
7	2,269.06	7	1,881.20	7	1,493.35	7	1,105.49	7	718.14	7	330.87	7	7	7		7		7	
1/4	2,260.98	1/4	1,873.12	1/4	1,485.26	1/4	1,097.41	1/4	710.08	1/4	322.80	1/4		1/4		1/4		1/4	
1/2	2,252.90	1/2	1,865.04	1/2	1,477.18	1/2	1,089.33	1/2	702.03	1/2	314.73	1/2		1/2		1/2		1/2	
3/4	2,244.82	3/4	1,856.96	3/4	1,469.10	3/4	1,081.24	3/4	693.97	3/4	306.66	3/4		3/4		3/4		3/4	
8	2,236.74	8	1,848.88	8	1,461.02	8	1,073.16	8	685.92	8	298.59	8	8	8		8		8	
1/4	2,228.66	1/4	1,840.80	1/4	1,452.94	1/4	1,065.08	1/4	677.86	1/4	290.51	1/4		1/4		1/4		1/4	
1/2	2,220.58	1/2	1,832.72	1/2	1,444.86	1/2	1,057.00	1/2	669.81	1/2	282.44	1/2		1/2		1/2		1/2	
3/4	2,212.50	3/4	1,824.64	3/4	1,436.78	3/4	1,048.92	3/4	661.75	3/4	274.37	3/4		3/4		3/4		3/4	
9	2,204.42	9	1,816.56	9	1,428.70	9	1,040.84	9	653.69	9	266.30	9	9	9		9		9	
1/4	2,196.34	1/4	1,808.48	1/4	1,420.62	1/4	1,032.76	1/4	645.64	1/4	258.23	1/4		1/4		1/4		1/4	
1/2	2,188.26	1/2	1,800.40	1/2	1,412.54	1/2	1,024.68	1/2	637.57	1/2	250.16	1/2		1/2		1/2		1/2	
3/4	2,180.18	3/4	1,792.32	3/4	1,404.46	3/4	1,016.60	3/4	629.51	3/4	242.08	3/4		3/4		3/4		3/4	
10	2,172.10	10	1,784.24	10	1,396.38	10	1,008.52	10	621.45	10	234.01	10	10	10		10		10	
1/4	2,164.02	1/4	1,776.16	1/4	1,388.30	1/4	1,000.44	1/4	613.38	1/4	225.94	1/4		1/4		1/4		1/4	
1/2	2,155.94	1/2	1,768.08	1/2	1,380.22	1/2	992.36	1/2	605.31	1/2	217.87	1/2		1/2		1/2		1/2	
3/4	2,147.86	3/4	1,760.00	3/4	1,372.14	3/4	984.28	3/4	597.24	3/4	209.80	3/4		3/4		3/4		3/4	
11	2,139.78	11	1,751.92	11	1,364.06	11	976.20	11	589.17	11	201.73	11	11	11		11		11	
1/4	2,131.70	1/4	1,743.84	1/4	1,355.98	1/4	968.12	1/4	581.10	1/4	193.65	1/4		1/4		1/4		1/4	
1/2	2,123.62	1/2	1,735.76	1/2	1,347.90	1/2	960.04	1/2	573.02	1/2	185.58	1/2		1/2		1/2		1/2	
3/4	2,115.54	3/4	1,727.68	3/4	1,339.82	3/4	951.96	3/4	564.95	3/4	177.51	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

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



BARGE "KIRBY 28055"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	5,086.69	0	4,749.80	0	4,395.47	0	4,024.46	0	3,639.04	0	3,251.05	0	2,863.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,079.77	1/4	4,742.63	1/4	4,387.89	1/4	4,016.55	1/4	3,630.96	1/4	3,242.97	1/4	2,854.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,072.85	1/2	4,735.45	1/2	4,380.31	1/2	4,008.64	1/2	3,622.87	1/2	3,234.89	1/2	2,846.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,065.93	3/4	4,728.27	3/4	4,372.73	3/4	4,000.74	3/4	3,614.79	3/4	3,226.80	3/4	2,838.76		
1		1		1		1	5,059.01	1	4,721.10	1	4,365.15	1	3,992.83	1	3,606.71	1	3,218.72	1	2,830.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,052.06	1/4	4,713.89	1/4	4,357.54	1/4	3,984.89	1/4	3,598.63	1/4	3,210.64	1/4	2,822.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,045.11	1/2	4,706.69	1/2	4,349.94	1/2	3,976.94	1/2	3,590.54	1/2	3,202.55	1/2	2,814.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,038.17	3/4	4,699.48	3/4	4,342.33	3/4	3,969.00	3/4	3,582.46	3/4	3,194.47	3/4	2,806.42		
2		2		2		2	5,031.22	2	4,692.27	2	4,334.73	2	3,961.06	2	3,574.38	2	3,186.39	2	2,798.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,024.24	1/4	4,685.04	1/4	4,327.10	1/4	3,953.10	1/4	3,566.29	1/4	3,178.30	1/4	2,790.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,017.26	1/2	4,677.81	1/2	4,319.47	1/2	3,945.13	1/2	3,558.21	1/2	3,170.22	1/2	2,782.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,010.29	3/4	4,670.58	3/4	4,311.84	3/4	3,937.17	3/4	3,550.13	3/4	3,162.14	3/4	2,774.07		
3		3		3		3	5,003.31	3	4,663.34	3	4,304.21	3	3,929.21	3	3,542.04	3	3,154.05	3	2,765.99		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,996.37	1/4	4,656.02	1/4	4,296.55	1/4	3,921.22	1/4	3,533.96	1/4	3,145.97	1/4	2,757.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,989.44	1/2	4,648.69	1/2	4,288.89	1/2	3,913.23	1/2	3,525.88	1/2	3,137.89	1/2	2,749.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,982.51	3/4	4,641.36	3/4	4,281.22	3/4	3,905.24	3/4	3,517.79	3/4	3,129.81	3/4	2,741.73		
4		4		4		4	4,975.58	4	4,634.03	4	4,273.56	4	3,897.25	4	3,509.71	4	3,121.72	4	2,733.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,968.62	1/4	4,626.67	1/4	4,265.88	1/4	3,889.23	1/4	3,501.63	1/4	3,113.64	1/4	2,725.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,961.66	1/2	4,619.31	1/2	4,258.19	1/2	3,881.21	1/2	3,493.54	1/2	3,105.56	1/2	2,717.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,954.70	3/4	4,611.95	3/4	4,250.50	3/4	3,873.19	3/4	3,485.46	3/4	3,097.47	3/4	2,709.39		
5		5		5		5	4,947.75	5	4,604.60	5	4,242.82	5	3,865.16	5	3,477.38	5	3,089.39	5	2,701.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,940.76	1/4	4,597.21	1/4	4,235.10	1/4	3,857.12	1/4	3,469.30	1/4	3,081.31	1/4	2,693.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,933.77	1/2	4,589.83	1/2	4,227.38	1/2	3,849.07	1/2	3,461.21	1/2	3,073.22	1/2	2,685.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,926.78	3/4	4,582.44	3/4	4,219.66	3/4	3,841.03	3/4	3,453.13	3/4	3,065.14	3/4	2,677.05		
6		6		6		6	4,919.79	6	4,575.06	6	4,211.93	6	3,832.98	6	3,445.05	6	3,057.06	6	2,668.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,912.78	1/4	4,567.64	1/4	4,204.19	1/4	3,824.91	1/4	3,436.96	1/4	3,048.97	1/4	2,660.88		
1/2	1/2	1/2	1/2	1/2	5,255.78	1/2	4,905.76	1/2	4,560.22	1/2	4,196.45	1/2	3,816.84	1/2	3,428.88	1/2	3,040.89	1/2	2,652.79		
3/4	3/4	3/4	3/4	3/4	5,249.72	3/4	4,898.75	3/4	4,552.80	3/4	4,188.71	3/4	3,808.77	3/4	3,420.80	3/4	3,032.81	3/4	2,644.71		
7		7		7		7	4,891.74	7	4,545.38	7	4,180.96	7	3,800.70	7	3,412.71	7	3,024.72	7	2,636.62		
1/4	1/4	1/4	1/4	1/4	5,235.57	1/4	4,884.69	1/4	4,537.94	1/4	4,173.19	1/4	3,792.62	1/4	3,404.63	1/4	3,016.64	1/4	2,628.54		
1/2	1/2	1/2	1/2	1/2	5,227.48	1/2	4,877.64	1/2	4,530.50	1/2	4,165.43	1/2	3,784.54	1/2	3,396.55	1/2	3,008.55	1/2	2,620.45		
3/4	3/4	3/4	3/4	3/4	5,219.40	3/4	4,870.60	3/4	4,523.06	3/4	4,157.66	3/4	3,776.45	3/4	3,388.46	3/4	3,000.47	3/4	2,612.36		
8		8		8		8	5,211.31	8	4,863.55	8	4,515.62	8	4,149.89	8	3,768.37	8	3,380.38	8	2,992.38	8	2,604.28
1/4	1/4	1/4	1/4	1/4	5,203.23	1/4	4,856.48	1/4	4,508.15	1/4	4,142.09	1/4	3,760.29	1/4	3,372.30	1/4	2,984.30	1/4	2,596.19		
1/2	1/2	1/2	1/2	1/2	5,195.14	1/2	4,849.42	1/2	4,500.68	1/2	4,134.29	1/2	3,752.20	1/2	3,364.22	1/2	2,976.21	1/2	2,588.11		
3/4	3/4	3/4	3/4	3/4	5,187.06	3/4	4,842.35	3/4	4,493.22	3/4	4,126.49	3/4	3,744.12	3/4	3,356.13	3/4	2,968.13	3/4	2,580.02		
9		9		9		9	5,178.97	9	4,835.28	9	4,485.75	9	4,118.68	9	3,736.04	9	3,348.05	9	2,960.04	9	2,571.94
1/4	1/4	1/4	1/4	1/4	5,170.88	1/4	4,828.19	1/4	4,478.25	1/4	4,110.86	1/4	3,727.95	1/4	3,339.97	1/4	2,951.96	1/4	2,563.85		
1/2	1/2	1/2	1/2	1/2	5,162.80	1/2	4,821.09	1/2	4,470.75	1/2	4,103.03	1/2	3,719.87	1/2	3,331.88	1/2	2,943.87	1/2	2,555.77		
3/4	3/4	3/4	3/4	3/4	5,154.71	3/4	4,814.00	3/4	4,463.25	3/4	4,095.21	3/4	3,711.79	3/4	3,323.80	3/4	2,935.78	3/4	2,547.68		
10		10		10		10	5,146.63	10	4,806.91	10	4,455.75	10	4,087.38	10	3,703.71	10	3,315.72	10	2,927.70	10	2,539.59
1/4	1/4	1/4	1/4	1/4	5,138.54	1/4	4,799.78	1/4	4,448.23	1/4	4,079.53	1/4	3,695.62	1/4	3,307.63	1/4	2,919.61	1/4	2,531.51		
1/2	1/2	1/2	1/2	1/2	5,130.46	1/2	4,792.65	1/2	4,440.71	1/2	4,071.68	1/2	3,687.54	1/2	3,299.55	1/2	2,911.53	1/2	2,523.42		
3/4	3/4	3/4	3/4	3/4	5,122.37	3/4	4,785.53	3/4	4,433.18	3/4	4,063.83	3/4	3,679.46	3/4	3,291.47	3/4	2,903.44	3/4	2,515.34		
11		11		11		11	5,114.29	11	4,425.66	11	4,055.98	11	3,671.37	11	3,283.38	11	2,895.36	11	2,507.25		
1/4	1/4	1/4	1/4	1/4	5,107.39	1/4	4,771.25	1/4	4,418.11	1/4	4,048.10	1/4	3,663.29	1/4	3,275.30	1/4	2,887.27	1/4	2,499.17		
1/2	1/2	1/2	1/2	1/2	5,100.49	1/2	4,764.10	1/2	4,410.56	1/2	4,040.22	1/2	3,655.21	1/2	3,267.22	1/2	2,879.19	1/2	2,491.08		
3/4	3/4	3/4	3/4	3/4	5,093.59	3/4	4,756.95	3/4	4,403.02	3/4	4,032.34	3/4	3,647.12	3/4	3,259.13	3/4	2,871.10	3/4	2,483.00		

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 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28055"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	2,474.91	0	2,086.81	0	1,698.70	0	1,310.60	0	923.10	0	550.07	0	162.01	0		0		0	
1/4	2,466.83	1/4	2,078.72	1/4	1,690.62	1/4	1,302.51	1/4	915.33	1/4	541.99	1/4	153.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,458.74	1/2	2,070.64	1/2	1,682.53	1/2	1,294.43	1/2	907.55	1/2	533.90	1/2	145.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,450.65	3/4	2,062.55	3/4	1,674.45	3/4	1,286.34	3/4	899.78	3/4	525.82	3/4	137.76	3/4	3/4	3/4	3/4	3/4	3/4
1	2,442.57	1	2,054.46	1	1,666.36	1	1,278.26	1	892.00	1	517.73	1	129.67	1		1		1	
1/4	2,434.48	1/4	2,046.38	1/4	1,658.28	1/4	1,270.17	1/4	884.24	1/4	509.65	1/4	121.59	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,426.40	1/2	2,038.29	1/2	1,650.19	1/2	1,262.09	1/2	876.48	1/2	501.56	1/2	113.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,418.31	3/4	2,030.21	3/4	1,642.10	3/4	1,254.00	3/4	868.71	3/4	493.48	3/4	105.42	3/4	3/4	3/4	3/4	3/4	3/4
2	2,410.23	2	2,022.12	2	1,634.02	2	1,245.91	2	860.95	2	485.39	2	97.33	2		2		2	
1/4	2,402.14	1/4	2,014.04	1/4	1,625.93	1/4	1,237.83	1/4	853.20	1/4	477.31	1/4	89.25	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,394.06	1/2	2,005.95	1/2	1,617.85	1/2	1,229.74	1/2	845.45	1/2	469.22	1/2	81.16	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,385.97	3/4	1,997.87	3/4	1,609.76	3/4	1,221.66	3/4	837.70	3/4	461.14	3/4	73.08	3/4	3/4	3/4	3/4	3/4	3/4
3	2,377.88	3	1,989.78	3	1,601.68	3	1,213.57	3	829.95	3	453.06	3	64.99	3		3		3	
1/4	2,369.80	1/4	1,981.70	1/4	1,593.59	1/4	1,205.49	1/4	822.19	1/4	444.97	1/4	57.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,361.71	1/2	1,973.61	1/2	1,585.51	1/2	1,197.40	1/2	814.44	1/2	436.89	1/2	50.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,353.63	3/4	1,965.52	3/4	1,577.42	3/4	1,189.32	3/4	806.69	3/4	428.80	3/4	43.77	3/4	3/4	3/4	3/4	3/4	3/4
4	2,345.54	4	1,957.44	4	1,569.33	4	1,181.23	4	798.94	4	420.72	4	36.69	4		4		4	
1/4	2,337.46	1/4	1,949.35	1/4	1,561.25	1/4	1,173.15	1/4	791.19	1/4	412.63	1/4	31.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,329.37	1/2	1,941.27	1/2	1,553.16	1/2	1,165.06	1/2	783.44	1/2	404.55	1/2	26.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,321.29	3/4	1,933.18	3/4	1,545.08	3/4	1,156.97	3/4	775.68	3/4	396.46	3/4	21.53	3/4	3/4	3/4	3/4	3/4	3/4
5	2,313.20	5	1,925.10	5	1,536.99	5	1,148.89	5	767.93	5	388.38	5	16.48	5		5		5	
1/4	2,305.12	1/4	1,917.01	1/4	1,528.91	1/4	1,140.80	1/4	760.18	1/4	380.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,297.03	1/2	1,908.93	1/2	1,520.82	1/2	1,132.72	1/2	752.43	1/2	372.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,288.94	3/4	1,900.84	3/4	1,512.74	3/4	1,124.63	3/4	744.68	3/4	364.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,280.86	6	1,892.75	6	1,504.65	6	1,116.55	6	736.93	6	356.04	6	6	6		6		6	
1/4	2,272.77	1/4	1,884.67	1/4	1,496.57	1/4	1,108.46	1/4	729.18	1/4	347.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,264.69	1/2	1,876.58	1/2	1,488.48	1/2	1,100.38	1/2	721.42	1/2	339.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,256.60	3/4	1,868.50	3/4	1,480.39	3/4	1,092.29	3/4	713.67	3/4	331.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,248.52	7	1,860.41	7	1,472.31	7	1,084.20	7	705.92	7	323.70	7	7	7		7		7	
1/4	2,240.43	1/4	1,852.33	1/4	1,464.22	1/4	1,076.12	1/4	698.17	1/4	315.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,232.35	1/2	1,844.24	1/2	1,456.14	1/2	1,068.03	1/2	690.42	1/2	307.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,224.26	3/4	1,836.16	3/4	1,448.05	3/4	1,059.95	3/4	682.67	3/4	299.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,216.17	8	1,828.07	8	1,439.97	8	1,051.86	8	674.92	8	291.36	8	8	8		8		8	
1/4	2,208.09	1/4	1,819.99	1/4	1,431.88	1/4	1,043.78	1/4	667.17	1/4	283.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,200.00	1/2	1,811.90	1/2	1,423.80	1/2	1,035.69	1/2	659.42	1/2	275.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,191.92	3/4	1,803.81	3/4	1,415.71	3/4	1,027.61	3/4	651.68	3/4	267.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,183.83	9	1,795.73	9	1,407.62	9	1,019.52	9	643.93	9	259.02	9	9	9		9		9	
1/4	2,175.75	1/4	1,787.64	1/4	1,399.54	1/4	1,011.44	1/4	636.17	1/4	250.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,167.66	1/2	1,779.56	1/2	1,391.45	1/2	1,003.35	1/2	628.41	1/2	242.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,159.58	3/4	1,771.47	3/4	1,383.37	3/4	995.26	3/4	620.65	3/4	234.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,151.49	10	1,763.39	10	1,375.28	10	987.18	10	612.89	10	226.69	10	10	10		10		10	
1/4	2,143.41	1/4	1,755.30	1/4	1,367.20	1/4	979.09	1/4	605.11	1/4	218.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,135.32	1/2	1,747.22	1/2	1,359.11	1/2	971.01	1/2	597.34	1/2	210.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,127.23	3/4	1,739.13	3/4	1,351.03	3/4	962.92	3/4	589.57	3/4	202.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,119.15	11	1,731.04	11	1,342.94	11	954.84	11	581.79	11	194.35	11	11	11		11		11	
1/4	2,111.06	1/4	1,722.96	1/4	1,334.86	1/4	946.90	1/4	573.86	1/4	186.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,102.98	1/2	1,714.87	1/2	1,326.77	1/2	938.97	1/2	565.93	1/2	178.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,094.89	3/4	1,706.79	3/4	1,318.68	3/4	931.04	3/4	558.00	3/4	170.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

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



BARGE "KIRBY 28055"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	4,490.70	0	4,234.91	0	3,966.28	0	3,685.22	0	3,391.02	0	3,035.40	0	2,674.74		
1/4	1/4	1/4	1/4	1/4	1/4	4,485.46	1/4	4,229.45	1/4	3,960.54	1/4	3,679.23	1/4	3,384.20	1/4	3,027.88	1/4	2,667.23		
1/2	1/2	1/2	1/2	1/2	1/2	4,480.22	1/2	4,224.00	1/2	3,954.80	1/2	3,673.24	1/2	3,377.38	1/2	3,020.37	1/2	2,659.71		
3/4	3/4	3/4	3/4	3/4	3/4	4,474.97	3/4	4,218.55	3/4	3,949.05	3/4	3,667.25	3/4	3,370.56	3/4	3,012.86	3/4	2,652.20		
1	1	1	1	1	1	4,469.73	1	4,213.10	1	3,943.31	1	3,661.26	1	3,363.74	1	3,005.34	1	2,644.69		
1/4	1/4	1/4	1/4	1/4	1/4	4,464.47	1/4	4,207.62	1/4	3,937.55	1/4	3,655.24	1/4	3,356.65	1/4	2,997.83	1/4	2,637.17		
1/2	1/2	1/2	1/2	1/2	1/2	4,459.21	1/2	4,202.14	1/2	3,931.79	1/2	3,649.22	1/2	3,349.55	1/2	2,990.32	1/2	2,629.66		
3/4	3/4	3/4	3/4	3/4	3/4	4,453.94	3/4	4,196.67	3/4	3,926.03	3/4	3,643.21	3/4	3,342.45	3/4	2,982.80	3/4	2,622.14		
2	2	2	2	2	2	4,448.68	2	4,191.19	2	3,920.27	2	3,637.19	2	3,335.36	2	2,975.29	2	2,614.63		
1/4	1/4	1/4	1/4	1/4	1/4	4,443.40	1/4	4,185.69	1/4	3,914.49	1/4	3,631.16	1/4	3,327.98	1/4	2,967.78	1/4	2,607.11		
1/2	1/2	1/2	1/2	1/2	1/2	4,438.11	1/2	4,180.20	1/2	3,908.71	1/2	3,625.13	1/2	3,320.61	1/2	2,960.27	1/2	2,599.60		
3/4	3/4	3/4	3/4	3/4	3/4	4,432.82	3/4	4,174.70	3/4	3,902.93	3/4	3,619.09	3/4	3,313.24	3/4	2,952.75	3/4	2,592.09		
3	3	3	3	3	3	4,427.54	3	4,169.21	3	3,897.15	3	3,613.06	3	3,305.86	3	2,945.24	3	2,584.57		
1/4	1/4	1/4	1/4	1/4	1/4	4,422.27	1/4	4,163.66	1/4	3,891.34	1/4	3,607.01	1/4	3,298.35	1/4	2,937.73	1/4	2,577.06		
1/2	1/2	1/2	1/2	1/2	1/2	4,417.00	1/2	4,158.11	1/2	3,885.54	1/2	3,600.96	1/2	3,290.84	1/2	2,930.21	1/2	2,569.54		
3/4	3/4	3/4	3/4	3/4	3/4	4,411.74	3/4	4,152.55	3/4	3,879.73	3/4	3,594.91	3/4	3,283.32	3/4	2,922.70	3/4	2,562.03		
4	4	4	4	4	4	4,406.47	4	4,147.00	4	3,873.93	4	3,588.85	4	3,275.81	4	2,915.19	4	2,554.51		
1/4	1/4	1/4	1/4	1/4	1/4	4,401.18	1/4	4,141.43	1/4	3,868.11	1/4	3,582.78	1/4	3,268.30	1/4	2,907.67	1/4	2,547.00		
1/2	1/2	1/2	1/2	1/2	1/2	4,395.89	1/2	4,135.85	1/2	3,862.29	1/2	3,576.70	1/2	3,260.79	1/2	2,900.16	1/2	2,539.48		
3/4	3/4	3/4	3/4	3/4	3/4	4,390.61	3/4	4,130.28	3/4	3,856.46	3/4	3,570.62	3/4	3,253.27	3/4	2,892.65	3/4	2,531.97		
5	5	5	5	5	5	4,385.32	5	4,124.70	5	3,850.64	5	3,564.54	5	3,245.76	5	2,885.14	5	2,524.46		
1/4	1/4	1/4	1/4	1/4	1/4	4,380.01	1/4	4,119.11	1/4	3,844.79	1/4	3,558.45	1/4	3,238.25	1/4	2,877.62	1/4	2,516.94		
1/2	1/2	1/2	1/2	1/2	1/2	4,374.70	1/2	4,113.52	1/2	3,838.94	1/2	3,552.35	1/2	3,230.73	1/2	2,870.11	1/2	2,509.43		
3/4	3/4	3/4	3/4	3/4	3/4	4,369.39	3/4	4,107.92	3/4	3,833.09	3/4	3,546.26	3/4	3,223.22	3/4	2,862.60	3/4	2,501.91		
6	6	6	6	6	6	4,364.08	6	4,102.33	6	3,827.24	6	3,540.16	6	3,215.71	6	2,855.08	6	2,494.40		
1/4	1/4	1/4	1/4	1/4	1/4	4,358.75	1/4	4,096.71	1/4	3,821.38	1/4	3,534.05	1/4	3,208.19	1/4	2,847.57	1/4	2,486.88		
1/2	1/2	1/2	1/2	1/2	1/2	4,618.79	1/2	4,353.42	1/2	4,091.09	1/2	3,815.51	1/2	3,527.94	1/2	3,200.68	1/2	2,840.06	1/2	2,479.37
3/4	3/4	3/4	3/4	3/4	3/4	4,614.19	3/4	4,348.09	3/4	4,085.47	3/4	3,809.65	3/4	3,521.82	3/4	3,193.17	3/4	2,832.54	3/4	2,471.85
7	7	7	7	7	7	4,609.60	7	4,342.76	7	4,079.85	7	3,803.78	7	3,515.71	7	3,185.66	7	2,825.03	7	2,464.34
1/4	1/4	1/4	1/4	1/4	1/4	4,603.47	1/4	4,337.41	1/4	4,074.21	1/4	3,797.90	1/4	3,509.59	1/4	3,178.14	1/4	2,817.52	1/4	2,456.83
1/2	1/2	1/2	1/2	1/2	1/2	4,597.35	1/2	4,332.05	1/2	4,068.57	1/2	3,792.01	1/2	3,503.46	1/2	3,170.63	1/2	2,810.00	1/2	2,449.31
3/4	3/4	3/4	3/4	3/4	3/4	4,591.22	3/4	4,326.70	3/4	4,062.94	3/4	3,786.13	3/4	3,497.34	3/4	3,163.12	3/4	2,802.49	3/4	2,441.80
8	8	8	8	8	8	4,585.10	8	4,321.34	8	4,057.30	8	3,780.24	8	3,491.22	8	3,155.60	8	2,794.97	8	2,434.28
1/4	1/4	1/4	1/4	1/4	1/4	4,578.97	1/4	4,315.97	1/4	4,051.64	1/4	3,774.33	1/4	3,485.09	1/4	3,148.09	1/4	2,787.46	1/4	2,426.77
1/2	1/2	1/2	1/2	1/2	1/2	4,572.85	1/2	4,310.60	1/2	4,045.99	1/2	3,768.42	1/2	3,478.97	1/2	3,140.58	1/2	2,779.95	1/2	2,419.25
3/4	3/4	3/4	3/4	3/4	3/4	4,566.72	3/4	4,305.23	3/4	4,040.33	3/4	3,762.51	3/4	3,472.84	3/4	3,133.06	3/4	2,772.43	3/4	2,411.74
9	9	9	9	9	9	4,560.60	9	4,299.86	9	4,034.67	9	3,756.60	9	3,466.72	9	3,125.55	9	2,764.92	9	2,404.23
1/4	1/4	1/4	1/4	1/4	1/4	4,554.47	1/4	4,294.47	1/4	4,028.99	1/4	3,750.67	1/4	3,460.60	1/4	3,118.04	1/4	2,757.40	1/4	2,396.71
1/2	1/2	1/2	1/2	1/2	1/2	4,548.35	1/2	4,289.08	1/2	4,023.31	1/2	3,744.74	1/2	3,454.47	1/2	3,110.53	1/2	2,749.89	1/2	2,389.20
3/4	3/4	3/4	3/4	3/4	3/4	4,542.22	3/4	4,283.69	3/4	4,017.63	3/4	3,738.82	3/4	3,448.35	3/4	3,103.01	3/4	2,742.37	3/4	2,381.68
10	10	10	10	10	10	4,536.10	10	4,278.30	10	4,011.95	10	3,732.89	10	3,442.23	10	3,095.50	10	2,734.86	10	2,374.17
1/4	1/4	1/4	1/4	1/4	1/4	4,529.97	1/4	4,272.88	1/4	4,006.25	1/4	3,726.94	1/4	3,435.96	1/4	3,087.99	1/4	2,727.34	1/4	2,366.65
1/2	1/2	1/2	1/2	1/2	1/2	4,523.85	1/2	4,267.47	1/2	4,000.55	1/2	3,720.99	1/2	3,429.70	1/2	3,080.47	1/2	2,719.83	1/2	2,359.14
3/4	3/4	3/4	3/4	3/4	3/4	4,517.72	3/4	4,262.05	3/4	3,994.85	3/4	3,715.05	3/4	3,423.44	3/4	3,072.96	3/4	2,712.32	3/4	2,351.62
11	11	11	11	11	11	4,511.60	11	4,256.64	11	3,989.15	11	3,709.10	11	3,417.18	11	3,065.45	11	2,704.80	11	2,344.11
1/4	1/4	1/4	1/4	1/4	1/4	4,505.38	1/4	4,251.20	1/4	3,983.43	1/4	3,703.13	1/4	3,410.64	1/4	3,057.93	1/4	2,697.29	1/4	2,336.60
1/2	1/2	1/2	1/2	1/2	1/2	4,501.15	1/2	4,245.77	1/2	3,977.72	1/2	3,697.16	1/2	3,404.10	1/2	3,050.42	1/2	2,689.77	1/2	2,329.08
3/4	3/4	3/4	3/4	3/4	3/4	4,495.93	3/4	4,240.34	3/4	3,972.00	3/4	3,691.19	3/4	3,397.56	3/4	3,042.91	3/4	2,682.26	3/4	2,321.57

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 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28055"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-05"

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	2,314.05	0	1,953.36	0	1,592.67	0	1,231.98	0	872.08	0	511.40	0	150.73	0		0		0	
1/4	2,306.54	1/4	1,945.85	1/4	1,585.16	1/4	1,224.46	1/4	864.57	1/4	503.89	1/4	143.21	1/4	1/4		1/4	1/4	1/4
1/2	2,299.02	1/2	1,938.33	1/2	1,577.64	1/2	1,216.95	1/2	857.05	1/2	496.38	1/2	135.70	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,291.51	3/4	1,930.82	3/4	1,570.13	3/4	1,209.44	3/4	849.54	3/4	488.86	3/4	128.19	3/4	3/4	3/4	3/4	3/4	3/4
1	2,283.99	1	1,923.30	1	1,562.61	1	1,201.92	1	842.02	1	481.35	1	120.67	1		1		1	
1/4	2,276.48	1/4	1,915.79	1/4	1,555.10	1/4	1,194.41	1/4	834.51	1/4	473.83	1/4	113.16	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,268.97	1/2	1,908.27	1/2	1,547.58	1/2	1,186.89	1/2	827.00	1/2	466.32	1/2	105.64	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,261.45	3/4	1,900.76	3/4	1,540.07	3/4	1,179.38	3/4	819.48	3/4	458.81	3/4	98.13	3/4	3/4	3/4	3/4	3/4	3/4
2	2,253.94	2	1,893.25	2	1,532.55	2	1,171.86	2	811.97	2	451.29	2	90.61	2		2		2	
1/4	2,246.42	1/4	1,885.73	1/4	1,525.04	1/4	1,164.35	1/4	804.45	1/4	443.78	1/4	83.10	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,238.91	1/2	1,878.22	1/2	1,517.53	1/2	1,156.83	1/2	796.94	1/2	436.26	1/2	75.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,231.39	3/4	1,870.70	3/4	1,510.01	3/4	1,149.32	3/4	789.43	3/4	428.75	3/4	68.07	3/4	3/4	3/4	3/4	3/4	3/4
3	2,223.88	3	1,863.19	3	1,502.50	3	1,141.81	3	781.91	3	421.24	3	60.56	3		3		3	
1/4	2,216.37	1/4	1,855.67	1/4	1,494.98	1/4	1,134.29	1/4	774.40	1/4	413.72	1/4	53.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,208.85	1/2	1,848.16	1/2	1,487.47	1/2	1,126.78	1/2	766.88	1/2	406.21	1/2	47.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,201.34	3/4	1,840.65	3/4	1,479.95	3/4	1,119.26	3/4	759.37	3/4	398.69	3/4	40.83	3/4	3/4	3/4	3/4	3/4	3/4
4	2,193.82	4	1,833.13	4	1,472.44	4	1,111.75	4	751.86	4	391.18	4	34.26	4		4		4	
1/4	2,186.31	1/4	1,825.62	1/4	1,464.93	1/4	1,104.26	1/4	744.34	1/4	383.66	1/4	29.56	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,178.79	1/2	1,818.10	1/2	1,457.41	1/2	1,096.77	1/2	736.83	1/2	376.15	1/2	24.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,171.28	3/4	1,810.59	3/4	1,449.90	3/4	1,089.28	3/4	729.31	3/4	368.64	3/4	20.17	3/4	3/4	3/4	3/4	3/4	3/4
5	2,163.76	5	1,803.07	5	1,442.38	5	1,081.79	5	721.80	5	361.12	5	15.47	5		5		5	
1/4	2,156.25	1/4	1,795.56	1/4	1,434.87	1/4	1,074.30	1/4	714.28	1/4	353.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,148.74	1/2	1,788.04	1/2	1,427.35	1/2	1,066.81	1/2	706.77	1/2	346.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,141.22	3/4	1,780.53	3/4	1,419.84	3/4	1,059.32	3/4	699.26	3/4	338.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,133.71	6	1,773.02	6	1,412.32	6	1,051.83	6	691.74	6	331.07	6	6	6		6		6	
1/4	2,126.19	1/4	1,765.50	1/4	1,404.81	1/4	1,044.34	1/4	684.23	1/4	323.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,118.68	1/2	1,757.99	1/2	1,397.30	1/2	1,036.85	1/2	676.71	1/2	316.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,111.16	3/4	1,750.47	3/4	1,389.78	3/4	1,029.36	3/4	669.20	3/4	308.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,103.65	7	1,742.96	7	1,382.27	7	1,021.87	7	661.69	7	301.01	7	7	7		7		7	
1/4	2,096.13	1/4	1,735.44	1/4	1,374.75	1/4	1,014.38	1/4	654.17	1/4	293.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,088.62	1/2	1,727.93	1/2	1,367.24	1/2	1,006.89	1/2	646.66	1/2	285.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,081.11	3/4	1,720.41	3/4	1,359.72	3/4	999.40	3/4	639.14	3/4	278.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,073.59	8	1,712.90	8	1,352.21	8	991.91	8	631.63	8	270.95	8	8	8		8		8	
1/4	2,066.08	1/4	1,705.39	1/4	1,344.69	1/4	984.43	1/4	624.12	1/4	263.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,058.56	1/2	1,697.87	1/2	1,337.18	1/2	976.94	1/2	616.60	1/2	255.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,051.05	3/4	1,690.36	3/4	1,329.67	3/4	969.45	3/4	609.09	3/4	248.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,043.53	9	1,682.84	9	1,322.15	9	961.96	9	601.57	9	240.90	9	9	9		9		9	
1/4	2,036.02	1/4	1,675.33	1/4	1,314.64	1/4	954.47	1/4	594.06	1/4	233.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,028.51	1/2	1,667.81	1/2	1,307.12	1/2	946.98	1/2	586.55	1/2	225.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,020.99	3/4	1,660.30	3/4	1,299.61	3/4	939.49	3/4	579.03	3/4	218.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,013.48	10	1,652.79	10	1,292.09	10	932.00	10	571.52	10	210.84	10	10	10		10		10	
1/4	2,005.96	1/4	1,645.27	1/4	1,284.58	1/4	924.51	1/4	564.00	1/4	203.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,998.45	1/2	1,637.76	1/2	1,277.07	1/2	917.02	1/2	556.49	1/2	195.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,990.93	3/4	1,630.24	3/4	1,269.55	3/4	909.53	3/4	548.97	3/4	188.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,983.42	11	1,622.73	11	1,262.04	11	902.04	11	541.46	11	180.78	11	11	11		11		11	
1/4	1,975.90	1/4	1,615.21	1/4	1,254.52	1/4	894.55	1/4	533.95	1/4	173.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.39	1/2	1,607.70	1/2	1,247.01	1/2	887.06	1/2	526.43	1/2	165.76	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,960.88	3/4	1,600.18	3/4	1,239.49	3/4	879.57	3/4	518.92	3/4	158.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007

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



BARGE "KIRBY 28055"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,474.61	0	4,218.95	0	3,950.53	0	3,669.64	0	3,375.92	0	3,021.66	0	2,661.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,469.38	1/4	4,213.51	1/4	3,944.81	1/4	3,663.66	1/4	3,369.38	1/4	3,014.16	1/4	2,654.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,464.14	1/2	4,208.06	1/2	3,939.07	1/2	3,657.67	1/2	3,362.56	1/2	3,006.66	1/2	2,646.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,458.90	3/4	4,202.61	3/4	3,933.32	3/4	3,651.68	3/4	3,355.74	3/4	2,999.16	3/4	2,639.07
1		1		1		1	4,453.65	1	4,197.15	1	3,927.58	1	3,645.69	1	3,348.92	1	2,991.66	1	2,631.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,448.41	1/4	4,191.70	1/4	3,921.83	1/4	3,639.70	1/4	3,342.10	1/4	2,984.15	1/4	2,624.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,443.14	1/2	4,186.22	1/2	3,916.07	1/2	3,633.68	1/2	3,335.00	1/2	2,976.65	1/2	2,616.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,437.88	3/4	4,180.74	3/4	3,910.31	3/4	3,627.66	3/4	3,327.90	3/4	2,969.15	3/4	2,609.06
2		2		2		2	4,432.62	2	4,175.26	2	3,904.55	2	3,621.64	2	3,320.80	2	2,961.65	2	2,601.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,427.35	1/4	4,169.79	1/4	3,898.78	1/4	3,615.62	1/4	3,313.70	1/4	2,954.15	1/4	2,594.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,422.07	1/2	4,164.29	1/2	3,893.00	1/2	3,609.59	1/2	3,306.33	1/2	2,946.65	1/2	2,586.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,416.78	3/4	4,158.79	3/4	3,887.22	3/4	3,603.56	3/4	3,298.95	3/4	2,939.15	3/4	2,579.05
3		3		3		3	4,411.49	3	4,153.30	3	3,881.44	3	3,597.52	3	3,291.58	3	2,931.65	3	2,571.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,406.20	1/4	4,147.80	1/4	3,875.66	1/4	3,591.49	1/4	3,284.21	1/4	2,924.14	1/4	2,564.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,400.94	1/2	4,142.25	1/2	3,869.85	1/2	3,585.43	1/2	3,276.71	1/2	2,916.64	1/2	2,556.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,395.67	3/4	4,136.69	3/4	3,864.04	3/4	3,579.38	3/4	3,269.20	3/4	2,909.14	3/4	2,549.04
4		4		4		4	4,390.40	4	4,131.14	4	3,858.24	4	3,573.33	4	3,261.70	4	2,901.64	4	2,541.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,385.13	1/4	4,125.59	1/4	3,852.43	1/4	3,567.27	1/4	3,254.20	1/4	2,894.14	1/4	2,534.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,379.84	1/2	4,120.01	1/2	3,846.61	1/2	3,561.19	1/2	3,246.70	1/2	2,886.64	1/2	2,526.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,374.55	3/4	4,114.43	3/4	3,840.78	3/4	3,555.11	3/4	3,239.20	3/4	2,879.14	3/4	2,519.03
5		5		5		5	4,369.26	5	4,108.86	5	3,834.96	5	3,549.03	5	3,231.70	5	2,871.63	5	2,511.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,363.97	1/4	4,103.28	1/4	3,829.13	1/4	3,542.95	1/4	3,224.20	1/4	2,864.13	1/4	2,504.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,358.66	1/2	4,097.68	1/2	3,823.28	1/2	3,536.86	1/2	3,216.69	1/2	2,856.63	1/2	2,496.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.35	3/4	4,092.09	3/4	3,817.43	3/4	3,530.76	3/4	3,209.19	3/4	2,849.13	3/4	2,489.02
6		6		6		6	4,348.04	6	4,086.49	6	3,811.58	6	3,524.67	6	3,201.69	6	2,841.63	6	2,481.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,342.73	1/4	4,080.90	1/4	3,805.73	1/4	3,518.57	1/4	3,194.19	1/4	2,834.13	1/4	2,474.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,337.40	1/2	4,075.28	1/2	3,799.86	1/2	3,512.45	1/2	3,186.69	1/2	2,826.63	1/2	2,466.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,597.51	3/4	4,332.06	3/4	4,069.65	3/4	3,794.00	3/4	3,506.34	3/4	3,179.19	3/4	2,819.13
7		7		7		7	4,592.91	7	4,326.73	7	4,064.03	7	3,788.13	7	3,500.22	7	3,171.69	7	2,811.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,588.31	1/4	4,321.40	1/4	4,058.41	1/4	3,782.26	1/4	3,494.11	1/4	3,164.19	1/4	2,804.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,582.19	1/2	4,316.05	1/2	4,052.77	1/2	3,776.38	1/2	3,487.98	1/2	3,156.68	1/2	2,796.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.06	3/4	4,310.69	3/4	4,047.13	3/4	3,770.49	3/4	3,481.86	3/4	3,149.18	3/4	2,789.12
8		8		8		8	4,569.93	8	4,305.33	8	4,041.49	8	3,764.60	8	3,475.73	8	3,141.68	8	2,781.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.81	1/4	4,299.98	1/4	4,035.86	1/4	3,758.72	1/4	3,469.61	1/4	3,134.18	1/4	2,774.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,557.68	1/2	4,294.61	1/2	4,030.20	1/2	3,752.80	1/2	3,463.48	1/2	3,126.68	1/2	2,766.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,551.56	3/4	4,289.23	3/4	4,024.54	3/4	3,746.89	3/4	3,457.35	3/4	3,119.18	3/4	2,759.11
9		9		9		9	4,545.43	9	4,283.86	9	4,018.88	9	3,740.98	9	3,451.23	9	3,111.68	9	2,751.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,539.30	1/4	4,278.49	1/4	4,013.22	1/4	3,735.07	1/4	3,445.10	1/4	3,104.18	1/4	2,744.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,533.18	1/2	4,273.10	1/2	4,007.54	1/2	3,729.14	1/2	3,438.98	1/2	3,096.67	1/2	2,736.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,527.05	3/4	4,267.70	3/4	4,001.86	3/4	3,723.21	3/4	3,432.85	3/4	3,089.17	3/4	2,729.10
10		10		10		10	4,520.92	10	4,262.31	10	3,996.17	10	3,717.28	10	3,426.73	10	3,081.67	10	2,721.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,514.80	1/4	4,256.92	1/4	3,990.49	1/4	3,711.35	1/4	3,420.60	1/4	3,074.17	1/4	2,714.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,508.67	1/2	4,251.50	1/2	3,984.79	1/2	3,705.40	1/2	3,414.34	1/2	3,066.67	1/2	2,706.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,502.54	3/4	4,246.09	3/4	3,979.09	3/4	3,699.45	3/4	3,408.07	3/4	3,059.17	3/4	2,699.09
11		11		11		11	4,496.42	11	4,240.67	11	3,973.39	11	3,693.50	11	3,401.81	11	3,051.67	11	2,691.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,490.29	1/4	4,235.25	1/4	3,967.69	1/4	3,687.56	1/4	3,395.55	1/4	3,044.16	1/4	2,684.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,485.06	1/2	4,229.82	1/2	3,961.97	1/2	3,681.58	1/2	3,389.00	1/2	3,036.66	1/2	2,676.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,479.84	3/4	4,224.38	3/4	3,956.25	3/4	3,675.61	3/4	3,382.46	3/4	3,029.16	3/4	2,669.08

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 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28055"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,301.55	0	1,942.64	0	1,584.38	0	1,224.23	0	870.69	0	518.16	0	158.28	0		0		0	
1/4	2,294.05	1/4	1,935.20	1/4	1,576.88	1/4	1,216.72	1/4	863.33	1/4	510.79	1/4	150.76	1/4		1/4		1/4	
1/2	2,286.54	1/2	1,927.76	1/2	1,569.38	1/2	1,209.36	1/2	855.96	1/2	503.36	1/2	143.25	1/2		1/2		1/2	
3/4	2,279.04	3/4	1,920.32	3/4	1,561.87	3/4	1,201.99	3/4	848.60	3/4	495.92	3/4	135.73	3/4		3/4		3/4	
1	2,271.54	1	1,912.89	1	1,554.37	1	1,194.62	1	841.23	1	488.48	1	128.21	1		1		1	
1/4	2,264.03	1/4	1,905.45	1/4	1,546.87	1/4	1,187.25	1/4	833.86	1/4	481.05	1/4	120.70	1/4		1/4		1/4	
1/2	2,256.53	1/2	1,898.01	1/2	1,539.36	1/2	1,179.89	1/2	826.50	1/2	473.54	1/2	113.18	1/2		1/2		1/2	
3/4	2,249.03	3/4	1,890.57	3/4	1,531.86	3/4	1,172.52	3/4	819.14	3/4	466.04	3/4	105.67	3/4		3/4		3/4	
2	2,241.52	2	1,883.14	2	1,524.36	2	1,165.15	2	811.77	2	458.53	2	98.15	2		2		2	
1/4	2,234.02	1/4	1,875.70	1/4	1,516.85	1/4	1,157.79	1/4	804.41	1/4	451.03	1/4	90.63	1/4		1/4		1/4	
1/2	2,226.52	1/2	1,868.26	1/2	1,509.35	1/2	1,150.42	1/2	797.06	1/2	443.52	1/2	83.12	1/2		1/2		1/2	
3/4	2,219.01	3/4	1,860.82	3/4	1,501.85	3/4	1,143.05	3/4	789.72	3/4	436.02	3/4	75.60	3/4		3/4		3/4	
3	2,211.51	3	1,853.39	3	1,494.34	3	1,135.69	3	782.37	3	428.52	3	68.09	3		3		3	
1/4	2,204.01	1/4	1,845.95	1/4	1,486.84	1/4	1,128.32	1/4	775.02	1/4	421.01	1/4	60.57	1/4		1/4		1/4	
1/2	2,196.50	1/2	1,838.51	1/2	1,479.34	1/2	1,120.95	1/2	767.69	1/2	413.51	1/2	53.99	1/2		1/2		1/2	
3/4	2,189.00	3/4	1,831.07	3/4	1,471.83	3/4	1,113.59	3/4	760.35	3/4	406.00	3/4	47.42	3/4		3/4		3/4	
4	2,181.50	4	1,823.64	4	1,464.33	4	1,106.22	4	753.02	4	398.50	4	40.84	4		4		4	
1/4	2,173.99	1/4	1,816.20	1/4	1,456.83	1/4	1,098.85	1/4	745.69	1/4	390.99	1/4	34.26	1/4		1/4		1/4	
1/2	2,166.49	1/2	1,808.76	1/2	1,449.32	1/2	1,091.49	1/2	738.35	1/2	383.49	1/2	29.57	1/2		1/2		1/2	
3/4	2,158.99	3/4	1,801.32	3/4	1,441.82	3/4	1,084.13	3/4	731.02	3/4	375.99	3/4	24.87	3/4		3/4		3/4	
5	2,151.48	5	1,793.88	5	1,434.32	5	1,076.77	5	723.69	5	368.48	5	20.17	5		5		5	
1/4	2,143.98	1/4	1,786.45	1/4	1,426.81	1/4	1,069.41	1/4	716.35	1/4	360.98	1/4	15.47	1/4		1/4		1/4	
1/2	2,136.48	1/2	1,779.01	1/2	1,419.31	1/2	1,062.05	1/2	709.02	1/2	353.47	1/2		1/2		1/2		1/2	
3/4	2,128.97	3/4	1,771.57	3/4	1,411.81	3/4	1,054.69	3/4	701.68	3/4	345.97	3/4		3/4		3/4		3/4	
6	2,121.47	6	1,764.13	6	1,404.30	6	1,047.33	6	694.35	6	338.46	6	6	6		6		6	
1/4	2,113.96	1/4	1,756.70	1/4	1,396.80	1/4	1,039.97	1/4	687.01	1/4	330.96	1/4		1/4		1/4		1/4	
1/2	2,106.46	1/2	1,749.26	1/2	1,389.30	1/2	1,032.61	1/2	679.67	1/2	323.46	1/2		1/2		1/2		1/2	
3/4	2,098.96	3/4	1,741.82	3/4	1,381.79	3/4	1,025.25	3/4	672.34	3/4	315.95	3/4		3/4		3/4		3/4	
7	2,091.45	7	1,734.38	7	1,374.29	7	1,017.89	7	665.00	7	308.45	7	7	7		7		7	
1/4	2,083.95	1/4	1,726.95	1/4	1,366.79	1/4	1,010.53	1/4	657.67	1/4	300.94	1/4		1/4		1/4		1/4	
1/2	2,076.51	1/2	1,719.44	1/2	1,359.28	1/2	1,003.17	1/2	650.33	1/2	293.44	1/2		1/2		1/2		1/2	
3/4	2,069.08	3/4	1,711.94	3/4	1,351.78	3/4	995.81	3/4	643.00	3/4	285.93	3/4		3/4		3/4		3/4	
8	2,061.64	8	1,704.44	8	1,344.28	8	988.45	8	635.66	8	278.43	8	8	8		8		8	
1/4	2,054.20	1/4	1,696.93	1/4	1,336.77	1/4	981.09	1/4	628.33	1/4	270.93	1/4		1/4		1/4		1/4	
1/2	2,046.76	1/2	1,689.43	1/2	1,329.27	1/2	973.73	1/2	620.99	1/2	263.42	1/2		1/2		1/2		1/2	
3/4	2,039.33	3/4	1,681.93	3/4	1,321.77	3/4	966.37	3/4	613.66	3/4	255.92	3/4		3/4		3/4		3/4	
9	2,031.89	9	1,674.42	9	1,314.26	9	959.01	9	606.32	9	248.41	9	9	9		9		9	
1/4	2,024.45	1/4	1,666.92	1/4	1,306.76	1/4	951.65	1/4	598.99	1/4	240.91	1/4		1/4		1/4		1/4	
1/2	2,017.01	1/2	1,659.42	1/2	1,299.26	1/2	944.29	1/2	591.65	1/2	233.40	1/2		1/2		1/2		1/2	
3/4	2,009.58	3/4	1,651.91	3/4	1,291.76	3/4	936.93	3/4	584.31	3/4	225.90	3/4		3/4		3/4		3/4	
10	2,002.14	10	1,644.41	10	1,284.25	10	929.57	10	576.98	10	218.40	10	10	10		10		10	
1/4	1,994.70	1/4	1,636.91	1/4	1,276.75	1/4	922.21	1/4	569.64	1/4	210.89	1/4		1/4		1/4		1/4	
1/2	1,987.26	1/2	1,629.40	1/2	1,269.25	1/2	914.85	1/2	562.30	1/2	203.37	1/2		1/2		1/2		1/2	
3/4	1,979.82	3/4	1,621.90	3/4	1,261.74	3/4	907.49	3/4	554.95	3/4	195.86	3/4		3/4		3/4		3/4	
11	1,972.39	11	1,614.40	11	1,254.24	11	900.13	11	547.60	11	188.34	11	11	11		11		11	
1/4	1,964.95	1/4	1,606.89	1/4	1,246.74	1/4	892.77	1/4	540.25	1/4	180.83	1/4		1/4		1/4		1/4	
1/2	1,957.51	1/2	1,599.39	1/2	1,239.23	1/2	885.41	1/2	532.89	1/2	173.31	1/2		1/2		1/2		1/2	
3/4	1,950.07	3/4	1,591.89	3/4	1,231.73	3/4	878.05	3/4	525.52	3/4	165.79	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/22/2007 CL - SW
CALCULATED: 08/22/2007 CL
PRINTED: 08/22/2007 CL

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2007