



BARGE "KIRBY 10075"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 CENTER	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
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 159'-06"

January 15, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10075"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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		IN	
0		0		0		0	3,337.38	0	3,141.24	0	2,918.30	0	2,695.36	0	2,467.27	0	2,205.92	0	1,943.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,336.92	1/4	3,136.59	1/4	2,913.65	1/4	2,690.71	1/4	2,461.83	1/4	2,200.46	1/4	1,938.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,336.47	1/2	3,131.95	1/2	2,909.01	1/2	2,686.07	1/2	2,456.39	1/2	2,195.00	1/2	1,932.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,334.64	3/4	3,127.30	3/4	2,904.36	3/4	2,681.42	3/4	2,450.95	3/4	2,189.54	3/4	1,927.47		
1	1	1	1	1	1	1	3,332.81	1	3,122.66	1	2,899.72	1	2,676.78	1	2,445.51	1	2,184.08	1	1,922.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,330.98	1/4	3,118.01	1/4	2,895.07	1/4	2,672.13	1/4	2,440.07	1/4	2,178.62	1/4	1,916.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,329.15	1/2	3,113.37	1/2	2,890.43	1/2	2,667.49	1/2	2,434.63	1/2	2,173.16	1/2	1,911.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,325.50	3/4	3,108.72	3/4	2,885.78	3/4	2,662.84	3/4	2,429.19	3/4	2,167.70	3/4	1,905.64		
2	2	2	2	2	2	2	3,321.84	2	3,104.08	2	2,881.14	2	2,658.20	2	2,423.75	2	2,162.24	2	1,900.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,318.18	1/4	3,099.44	1/4	2,876.49	1/4	2,653.55	1/4	2,418.30	1/4	2,156.78	1/4	1,894.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,314.53	1/2	3,094.79	1/2	2,871.85	1/2	2,648.91	1/2	2,412.86	1/2	2,151.32	1/2	1,889.26		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,310.23	3/4	3,090.15	3/4	2,867.21	3/4	2,644.26	3/4	2,407.42	3/4	2,145.86	3/4	1,883.80		
3	3	3	3	3	3	3	3,305.93	3	3,085.50	3	2,862.56	3	2,639.62	3	2,401.98	3	2,140.40	3	1,878.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,301.63	1/4	3,080.86	1/4	2,857.92	1/4	2,634.98	1/4	2,396.54	1/4	2,134.94	1/4	1,872.88		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,297.33	1/2	3,076.21	1/2	2,853.27	1/2	2,630.33	1/2	2,391.10	1/2	2,129.48	1/2	1,867.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,292.79	3/4	3,071.57	3/4	2,848.63	3/4	2,625.69	3/4	2,385.66	3/4	2,124.02	3/4	1,861.96		
4	4	4	4	4	4	4	3,288.26	4	3,066.92	4	2,843.98	4	2,621.04	4	2,380.22	4	2,118.56	4	1,856.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,283.72	1/4	3,062.28	1/4	2,839.34	1/4	2,616.40	1/4	2,374.78	1/4	2,113.10	1/4	1,851.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,279.19	1/2	3,057.63	1/2	2,834.69	1/2	2,611.75	1/2	2,369.34	1/2	2,107.64	1/2	1,845.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,274.63	3/4	3,052.99	3/4	2,830.05	3/4	2,607.11	3/4	2,363.89	3/4	2,102.18	3/4	1,840.12		
5	5	5	5	5	5	5	3,270.08	5	3,048.34	5	2,825.40	5	2,602.46	5	2,358.45	5	2,096.72	5	1,834.66		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,265.52	1/4	3,043.70	1/4	2,820.76	1/4	2,597.82	1/4	2,353.01	1/4	2,091.27	1/4	1,829.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,260.96	1/2	3,039.06	1/2	2,816.11	1/2	2,593.17	1/2	2,347.57	1/2	2,085.81	1/2	1,823.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,256.40	3/4	3,034.41	3/4	2,811.47	3/4	2,588.53	3/4	2,342.13	3/4	2,080.35	3/4	1,818.28		
6	6	6	6	6	6	6	3,251.84	6	3,029.77	6	2,806.83	6	2,583.88	6	2,336.69	6	2,074.89	6	1,812.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.28	1/4	3,025.12	1/4	2,802.18	1/4	2,579.24	1/4	2,331.25	1/4	2,069.43	1/4	1,807.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,242.72	1/2	3,020.48	1/2	2,797.54	1/2	2,574.60	1/2	2,325.81	1/2	2,063.97	1/2	1,801.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,238.17	3/4	3,015.83	3/4	2,792.89	3/4	2,569.95	3/4	2,320.37	3/4	2,058.51	3/4	1,796.44		
7	7	7	7	7	7	7	3,233.61	7	3,011.19	7	2,788.25	7	2,565.31	7	2,314.93	7	2,053.05	7	1,790.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,229.05	1/4	3,006.54	1/4	2,783.60	1/4	2,560.66	1/4	2,309.48	1/4	2,047.59	1/4	1,785.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,224.49	1/2	3,001.90	1/2	2,778.96	1/2	2,556.02	1/2	2,304.04	1/2	2,042.13	1/2	1,780.06		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,219.93	3/4	2,997.25	3/4	2,774.31	3/4	2,551.37	3/4	2,298.60	3/4	2,036.67	3/4	1,774.60		
8	8	8	8	8	8	8	3,215.38	8	2,992.61	8	2,769.67	8	2,546.73	8	2,293.16	8	2,031.21	8	1,769.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,210.82	1/4	2,987.96	1/4	2,765.02	1/4	2,542.08	1/4	2,287.72	1/4	2,025.75	1/4	1,763.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,206.26	1/2	2,983.32	1/2	2,760.38	1/2	2,537.44	1/2	2,282.28	1/2	2,020.29	1/2	1,758.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,201.62	3/4	2,978.68	3/4	2,755.73	3/4	2,532.77	3/4	2,276.84	3/4	2,014.83	3/4	1,752.76		
9	9	9	9	9	9	9	3,196.97	9	2,974.03	9	2,751.09	9	2,528.10	9	2,271.40	9	2,009.37	9	1,747.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,192.33	1/4	2,969.39	1/4	2,746.45	1/4	2,523.43	1/4	2,265.96	1/4	2,003.91	1/4	1,741.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,187.68	1/2	2,964.74	1/2	2,741.80	1/2	2,518.76	1/2	2,260.52	1/2	1,998.45	1/2	1,736.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,183.04	3/4	2,960.10	3/4	2,737.16	3/4	2,514.09	3/4	2,255.06	3/4	1,992.99	3/4	1,730.92		
10	10	10	10	10	10	10	3,178.39	10	2,955.45	10	2,732.51	10	2,509.42	10	2,249.60	10	1,987.53	10	1,725.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,173.75	1/4	2,950.81	1/4	2,727.87	1/4	2,504.75	1/4	2,244.14	1/4	1,982.07	1/4	1,720.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,169.10	1/2	2,946.16	1/2	2,723.22	1/2	2,500.08	1/2	2,238.68	1/2	1,976.61	1/2	1,714.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,164.46	3/4	2,941.52	3/4	2,718.58	3/4	2,494.60	3/4	2,233.22	3/4	1,971.15	3/4	1,709.09		
11	11	11	11	11	11	11	3,159.82	11	2,936.87	11	2,713.93	11	2,489.12	11	2,227.76	11	1,965.69	11	1,703.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,155.17	1/4	2,932.23	1/4	2,709.29	1/4	2,483.64	1/4	2,222.30	1/4	1,960.23	1/4	1,698.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,150.53	1/2	2,927.59	1/2	2,704.64	1/2	2,478.16	1/2	2,216.84	1/2	1,954.77	1/2	1,692.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,145.88	3/4	2,922.94	3/4	2,700.00	3/4	2,472.71	3/4	2,211.38	3/4	1,949.31	3/4	1,687.25		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10075"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,681.79	0	1,419.49	0	1,157.03	0	894.55	0	637.93	0	375.52	0	112.83	0		0		0	
1/4	1,676.33	1/4	1,414.03	1/4	1,151.56	1/4	889.08	1/4	632.56	1/4	370.05	1/4	107.36	1/4		1/4		1/4	
1/2	1,670.87	1/2	1,408.56	1/2	1,146.09	1/2	883.62	1/2	627.18	1/2	364.58	1/2	101.90	1/2		1/2		1/2	
3/4	1,665.41	3/4	1,403.09	3/4	1,140.62	3/4	878.15	3/4	621.73	3/4	359.11	3/4	96.45	3/4		3/4		3/4	
1	1,659.95	1	1,397.63	1	1,135.15	1	872.68	1	616.27	1	353.63	1	91.00	1		1		1	
1/4	1,654.49	1/4	1,392.16	1/4	1,129.68	1/4	867.21	1/4	610.82	1/4	348.16	1/4	85.55	1/4		1/4		1/4	
1/2	1,649.03	1/2	1,386.69	1/2	1,124.22	1/2	861.74	1/2	605.37	1/2	342.69	1/2	80.10	1/2		1/2		1/2	
3/4	1,643.57	3/4	1,381.22	3/4	1,118.75	3/4	856.34	3/4	599.89	3/4	337.22	3/4	74.68	3/4		3/4		3/4	
2	1,638.11	2	1,375.75	2	1,113.28	2	850.93	2	594.42	2	331.74	2	69.27	2		2		2	
1/4	1,632.65	1/4	1,370.29	1/4	1,107.81	1/4	845.53	1/4	588.95	1/4	326.27	1/4	63.85	1/4		1/4		1/4	
1/2	1,627.19	1/2	1,364.82	1/2	1,102.34	1/2	840.12	1/2	583.48	1/2	320.80	1/2	58.43	1/2		1/2		1/2	
3/4	1,621.73	3/4	1,359.35	3/4	1,096.88	3/4	834.78	3/4	578.01	3/4	315.33	3/4	53.06	3/4		3/4		3/4	
3	1,616.27	3	1,353.88	3	1,091.41	3	829.44	3	572.54	3	309.85	3	47.69	3		3		3	
1/4	1,610.81	1/4	1,348.41	1/4	1,085.94	1/4	824.09	1/4	567.06	1/4	304.38	1/4	42.33	1/4		1/4		1/4	
1/2	1,605.35	1/2	1,342.94	1/2	1,080.47	1/2	818.75	1/2	561.59	1/2	298.91	1/2	36.96	1/2		1/2		1/2	
3/4	1,599.88	3/4	1,337.48	3/4	1,075.00	3/4	813.41	3/4	556.12	3/4	293.44	3/4	32.40	3/4		3/4		3/4	
4	1,594.42	4	1,332.01	4	1,069.53	4	808.07	4	550.65	4	287.96	4	27.84	4		4		4	
1/4	1,588.95	1/4	1,326.54	1/4	1,064.07	1/4	802.73	1/4	545.18	1/4	282.49	1/4	23.27	1/4		1/4		1/4	
1/2	1,583.48	1/2	1,321.07	1/2	1,058.60	1/2	797.39	1/2	539.70	1/2	277.02	1/2	18.71	1/2		1/2		1/2	
3/4	1,578.01	3/4	1,315.60	3/4	1,053.13	3/4	792.06	3/4	534.23	3/4	271.55	3/4	15.97	3/4		3/4		3/4	
5	1,572.54	5	1,310.14	5	1,047.66	5	786.74	5	528.76	5	266.07	5	13.23	5		5		5	
1/4	1,567.08	1/4	1,304.67	1/4	1,042.19	1/4	781.41	1/4	523.28	1/4	260.60	1/4	10.49	1/4		1/4		1/4	
1/2	1,561.61	1/2	1,299.20	1/2	1,036.73	1/2	776.09	1/2	517.81	1/2	255.13	1/2	7.75	1/2		1/2		1/2	
3/4	1,556.14	3/4	1,293.73	3/4	1,031.26	3/4	770.78	3/4	512.34	3/4	249.65	3/4	6.83	3/4		3/4		3/4	
6	1,550.67	6	1,288.26	6	1,025.79	6	765.47	6	506.87	6	244.18	6	5.92	6		6		6	
1/4	1,545.20	1/4	1,282.79	1/4	1,020.32	1/4	760.16	1/4	501.39	1/4	238.71	1/4	5.01	1/4		1/4		1/4	
1/2	1,539.74	1/2	1,277.33	1/2	1,014.85	1/2	754.85	1/2	495.92	1/2	233.24	1/2	4.09	1/2		1/2		1/2	
3/4	1,534.27	3/4	1,271.86	3/4	1,009.38	3/4	749.54	3/4	490.45	3/4	227.76	3/4		3/4		3/4		3/4	
7	1,528.80	7	1,266.39	7	1,003.92	7	744.23	7	484.98	7	222.29	7		7		7		7	
1/4	1,523.34	1/4	1,260.92	1/4	998.45	1/4	738.93	1/4	479.50	1/4	216.82	1/4		1/4		1/4		1/4	
1/2	1,517.87	1/2	1,255.45	1/2	992.98	1/2	733.62	1/2	474.03	1/2	211.35	1/2		1/2		1/2		1/2	
3/4	1,512.40	3/4	1,249.99	3/4	987.51	3/4	728.31	3/4	468.56	3/4	205.87	3/4		3/4		3/4		3/4	
8	1,506.94	8	1,244.52	8	982.04	8	723.00	8	463.09	8	200.40	8		8		8		8	
1/4	1,501.47	1/4	1,239.05	1/4	976.58	1/4	717.69	1/4	457.61	1/4	194.93	1/4		1/4		1/4		1/4	
1/2	1,496.01	1/2	1,233.58	1/2	971.11	1/2	712.38	1/2	452.14	1/2	189.46	1/2		1/2		1/2		1/2	
3/4	1,490.54	3/4	1,228.11	3/4	965.64	3/4	707.07	3/4	446.67	3/4	183.98	3/4		3/4		3/4		3/4	
9	1,485.08	9	1,222.64	9	960.17	9	701.76	9	441.20	9	178.51	9		9		9		9	
1/4	1,479.61	1/4	1,217.18	1/4	954.70	1/4	696.45	1/4	435.72	1/4	173.04	1/4		1/4		1/4		1/4	
1/2	1,474.15	1/2	1,211.71	1/2	949.23	1/2	691.15	1/2	430.25	1/2	167.57	1/2		1/2		1/2		1/2	
3/4	1,468.68	3/4	1,206.24	3/4	943.77	3/4	685.84	3/4	424.78	3/4	162.09	3/4		3/4		3/4		3/4	
10	1,463.22	10	1,200.77	10	938.30	10	680.53	10	419.31	10	156.62	10		10		10		10	
1/4	1,457.75	1/4	1,195.30	1/4	932.83	1/4	675.22	1/4	413.83	1/4	151.15	1/4		1/4		1/4		1/4	
1/2	1,452.29	1/2	1,189.84	1/2	927.36	1/2	669.91	1/2	408.36	1/2	145.68	1/2		1/2		1/2		1/2	
3/4	1,446.82	3/4	1,184.37	3/4	921.89	3/4	664.60	3/4	402.89	3/4	140.20	3/4		3/4		3/4		3/4	
11	1,441.35	11	1,178.90	11	916.43	11	659.29	11	397.42	11	134.72	11		11		11		11	
1/4	1,435.89	1/4	1,173.43	1/4	910.96	1/4	653.98	1/4	391.94	1/4	129.24	1/4		1/4		1/4		1/4	
1/2	1,430.42	1/2	1,167.96	1/2	905.49	1/2	648.67	1/2	386.47	1/2	123.76	1/2		1/2		1/2		1/2	
3/4	1,424.96	3/4	1,162.49	3/4	900.02	3/4	643.30	3/4	381.00	3/4	118.30	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2010 CL - SW
CALCULATED: 01/15/2010 CL
PRINTED: 01/15/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "KIRBY 10075"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,353.52	0	3,122.27	0	2,870.21	0	2,618.15	0	2,365.59	0	2,112.12	0	1,858.65
1/4		1/4		1/4		1/4	3,351.76	1/4	3,117.02	1/4	2,864.96	1/4	2,612.90	1/4	2,360.31	1/4	2,106.84	1/4	1,853.37
1/2		1/2		1/2		1/2	3,350.00	1/2	3,111.77	1/2	2,859.71	1/2	2,607.65	1/2	2,355.03	1/2	2,101.56	1/2	1,848.09
3/4		3/4		3/4		3/4	3,348.24	3/4	3,106.52	3/4	2,854.46	3/4	2,602.40	3/4	2,349.75	3/4	2,096.28	3/4	1,842.81
1		1		1		1	3,344.72	1	3,101.27	1	2,849.21	1	2,597.14	1	2,344.47	1	2,091.00	1	1,837.53
1/4		1/4		1/4		1/4	3,341.19	1/4	3,096.02	1/4	2,843.96	1/4	2,591.89	1/4	2,339.19	1/4	2,085.72	1/4	1,832.25
1/2		1/2		1/2		1/2	3,337.67	1/2	3,090.77	1/2	2,838.70	1/2	2,586.64	1/2	2,333.91	1/2	2,080.44	1/2	1,826.97
3/4		3/4		3/4		3/4	3,334.15	3/4	3,085.51	3/4	2,833.45	3/4	2,581.39	3/4	2,328.62	3/4	2,075.16	3/4	1,821.69
2		2		2		2	3,329.24	2	3,080.26	2	2,828.20	2	2,576.14	2	2,323.34	2	2,069.88	2	1,816.41
1/4		1/4		1/4		1/4	3,324.34	1/4	3,075.01	1/4	2,822.95	1/4	2,570.89	1/4	2,318.06	1/4	2,064.59	1/4	1,811.13
1/2		1/2		1/2		1/2	3,319.43	1/2	3,069.76	1/2	2,817.70	1/2	2,565.64	1/2	2,312.78	1/2	2,059.31	1/2	1,805.85
3/4		3/4		3/4		3/4	3,314.53	3/4	3,064.51	3/4	2,812.45	3/4	2,560.38	3/4	2,307.50	3/4	2,054.03	3/4	1,800.56
3		3		3		3	3,309.39	3	3,059.26	3	2,807.20	3	2,555.13	3	2,302.22	3	2,048.75	3	1,795.28
1/4		1/4		1/4		1/4	3,304.26	1/4	3,054.01	1/4	2,801.94	1/4	2,549.88	1/4	2,296.94	1/4	2,043.47	1/4	1,790.00
1/2		1/2		1/2		1/2	3,299.13	1/2	3,048.76	1/2	2,796.69	1/2	2,544.63	1/2	2,291.66	1/2	2,038.19	1/2	1,784.72
3/4		3/4		3/4		3/4	3,294.00	3/4	3,043.50	3/4	2,791.44	3/4	2,539.38	3/4	2,286.38	3/4	2,032.91	3/4	1,779.44
4		4		4		4	3,288.85	4	3,038.25	4	2,786.19	4	2,534.13	4	2,281.10	4	2,027.63	4	1,774.16
1/4		1/4		1/4		1/4	3,283.69	1/4	3,033.00	1/4	2,780.94	1/4	2,528.88	1/4	2,275.82	1/4	2,022.35	1/4	1,768.88
1/2		1/2		1/2		1/2	3,278.54	1/2	3,027.75	1/2	2,775.69	1/2	2,523.63	1/2	2,270.54	1/2	2,017.07	1/2	1,763.60
3/4		3/4		3/4		3/4	3,273.39	3/4	3,022.50	3/4	2,770.44	3/4	2,518.37	3/4	2,265.26	3/4	2,011.79	3/4	1,758.32
5		5		5		5	3,268.23	5	3,017.25	5	2,765.19	5	2,513.12	5	2,259.98	5	2,006.51	5	1,753.04
1/4		1/4		1/4		1/4	3,263.08	1/4	3,012.00	1/4	2,759.93	1/4	2,507.87	1/4	2,254.70	1/4	2,001.23	1/4	1,747.76
1/2		1/2		1/2		1/2	3,257.92	1/2	3,006.75	1/2	2,754.68	1/2	2,502.62	1/2	2,249.42	1/2	1,995.95	1/2	1,742.48
3/4		3/4		3/4		3/4	3,252.77	3/4	3,001.49	3/4	2,749.43	3/4	2,497.37	3/4	2,244.13	3/4	1,990.67	3/4	1,737.20
6		6		6		6	3,247.61	6	2,996.24	6	2,744.18	6	2,492.12	6	2,238.85	6	1,985.39	6	1,731.92
1/4		1/4		1/4		1/4	3,242.46	1/4	2,990.99	1/4	2,738.93	1/4	2,486.87	1/4	2,233.57	1/4	1,980.10	1/4	1,726.64
1/2		1/2		1/2		1/2	3,237.31	1/2	2,985.74	1/2	2,733.68	1/2	2,481.62	1/2	2,228.29	1/2	1,974.82	1/2	1,721.36
3/4		3/4		3/4		3/4	3,232.16	3/4	2,980.49	3/4	2,728.43	3/4	2,476.36	3/4	2,223.01	3/4	1,969.54	3/4	1,716.07
7		7		7		7	3,227.00	7	2,975.24	7	2,723.18	7	2,471.11	7	2,217.73	7	1,964.26	7	1,710.79
1/4		1/4		1/4		1/4	3,221.85	1/4	2,969.99	1/4	2,717.92	1/4	2,465.86	1/4	2,212.45	1/4	1,958.98	1/4	1,705.51
1/2		1/2		1/2		1/2	3,216.70	1/2	2,964.74	1/2	2,712.67	1/2	2,460.61	1/2	2,207.17	1/2	1,953.70	1/2	1,700.23
3/4		3/4		3/4		3/4	3,211.55	3/4	2,959.48	3/4	2,707.42	3/4	2,455.36	3/4	2,201.89	3/4	1,948.42	3/4	1,694.95
8		8		8		8	3,206.29	8	2,954.23	8	2,702.17	8	2,450.08	8	2,196.61	8	1,943.14	8	1,689.67
1/4		1/4		1/4		1/4	3,201.04	1/4	2,948.98	1/4	2,696.92	1/4	2,444.80	1/4	2,191.33	1/4	1,937.86	1/4	1,684.39
1/2		1/2		1/2		1/2	3,195.79	1/2	2,943.73	1/2	2,691.67	1/2	2,439.52	1/2	2,186.05	1/2	1,932.58	1/2	1,679.11
3/4		3/4		3/4		3/4	3,190.54	3/4	2,938.48	3/4	2,686.42	3/4	2,434.24	3/4	2,180.77	3/4	1,927.30	3/4	1,673.83
9		9		9		9	3,185.29	9	2,933.23	9	2,681.16	9	2,428.96	9	2,175.49	9	1,922.02	9	1,668.55
1/4		1/4		1/4		1/4	3,180.04	1/4	2,927.98	1/4	2,675.91	1/4	2,423.68	1/4	2,170.21	1/4	1,916.74	1/4	1,663.27
1/2		1/2		1/2		1/2	3,174.79	1/2	2,922.72	1/2	2,670.66	1/2	2,418.39	1/2	2,164.93	1/2	1,911.46	1/2	1,657.99
3/4		3/4		3/4		3/4	3,169.54	3/4	2,917.47	3/4	2,665.41	3/4	2,413.11	3/4	2,159.65	3/4	1,906.18	3/4	1,652.71
10		10		10		10	3,164.28	10	2,912.22	10	2,660.16	10	2,407.83	10	2,154.36	10	1,900.90	10	1,647.43
1/4		1/4		1/4		1/4	3,159.03	1/4	2,906.97	1/4	2,654.91	1/4	2,402.55	1/4	2,149.08	1/4	1,895.62	1/4	1,642.15
1/2		1/2		1/2		1/2	3,153.78	1/2	2,901.72	1/2	2,649.66	1/2	2,397.27	1/2	2,143.80	1/2	1,890.33	1/2	1,636.87
3/4		3/4		3/4		3/4	3,148.53	3/4	2,896.47	3/4	2,644.41	3/4	2,391.99	3/4	2,138.52	3/4	1,885.05	3/4	1,631.59
11		11		11		11	3,143.28	11	2,891.22	11	2,639.15	11	2,386.71	11	2,133.24	11	1,879.77	11	1,626.30
1/4		1/4		1/4	3,356.17	1/4	3,138.03	1/4	2,885.97	1/4	2,633.90	1/4	2,381.43	1/4	2,127.96	1/4	1,874.49	1/4	1,621.02
1/2		1/2		1/2	3,355.73	1/2	3,132.78	1/2	2,880.71	1/2	2,628.65	1/2	2,376.15	1/2	2,122.68	1/2	1,869.21	1/2	1,615.74
3/4		3/4		3/4	3,355.28	3/4	3,127.53	3/4	2,875.46	3/4	2,623.40	3/4	2,370.87	3/4	2,117.40	3/4	1,863.93	3/4	1,610.46

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10075"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,605.18	0	1,351.71	0	1,098.08	0	846.40	0	596.76	0	343.14	0	89.66	0		0		0	
1/4	1,599.90	1/4	1,346.43	1/4	1,092.79	1/4	841.20	1/4	591.47	1/4	337.86	1/4	84.41	1/4		1/4		1/4	
1/2	1,594.62	1/2	1,341.14	1/2	1,087.51	1/2	836.00	1/2	586.19	1/2	332.58	1/2	79.16	1/2		1/2		1/2	
3/4	1,589.34	3/4	1,335.86	3/4	1,082.23	3/4	830.80	3/4	580.91	3/4	327.29	3/4	73.91	3/4		3/4		3/4	
1	1,584.06	1	1,330.57	1	1,076.94	1	825.60	1	575.62	1	322.01	1	68.69	1		1		1	
1/4	1,578.78	1/4	1,325.29	1/4	1,071.66	1/4	820.40	1/4	570.34	1/4	316.73	1/4	63.47	1/4		1/4		1/4	
1/2	1,573.50	1/2	1,320.01	1/2	1,066.37	1/2	815.20	1/2	565.06	1/2	311.44	1/2	58.25	1/2		1/2		1/2	
3/4	1,568.22	3/4	1,314.72	3/4	1,061.09	3/4	810.00	3/4	559.77	3/4	306.16	3/4	53.03	3/4		3/4		3/4	
2	1,562.94	2	1,309.44	2	1,055.81	2	804.80	2	554.49	2	300.88	2	47.86	2		2		2	
1/4	1,557.66	1/4	1,304.15	1/4	1,050.52	1/4	799.60	1/4	549.21	1/4	295.59	1/4	42.69	1/4		1/4		1/4	
1/2	1,552.38	1/2	1,298.87	1/2	1,045.24	1/2	794.40	1/2	543.92	1/2	290.31	1/2	37.52	1/2		1/2		1/2	
3/4	1,547.10	3/4	1,293.59	3/4	1,039.95	3/4	789.20	3/4	538.64	3/4	285.03	3/4	32.35	3/4		3/4		3/4	
3	1,541.82	3	1,288.30	3	1,034.67	3	784.01	3	533.35	3	279.74	3	27.95	3		3		3	
1/4	1,536.53	1/4	1,283.02	1/4	1,029.39	1/4	778.82	1/4	528.07	1/4	274.46	1/4	23.56	1/4		1/4		1/4	
1/2	1,531.25	1/2	1,277.73	1/2	1,024.10	1/2	773.62	1/2	522.79	1/2	269.17	1/2	19.16	1/2		1/2		1/2	
3/4	1,525.97	3/4	1,272.45	3/4	1,018.82	3/4	768.43	3/4	517.50	3/4	263.89	3/4	14.77	3/4		3/4		3/4	
4	1,520.69	4	1,267.17	4	1,013.53	4	763.23	4	512.22	4	258.61	4	12.12	4		4		4	
1/4	1,515.41	1/4	1,261.88	1/4	1,008.25	1/4	758.04	1/4	506.94	1/4	253.32	1/4	9.48	1/4		1/4		1/4	
1/2	1,510.13	1/2	1,256.60	1/2	1,002.97	1/2	752.85	1/2	501.65	1/2	248.04	1/2	6.84	1/2		1/2		1/2	
3/4	1,504.85	3/4	1,251.31	3/4	997.68	3/4	747.65	3/4	496.37	3/4	242.76	3/4	4.20	3/4		3/4		3/4	
5	1,499.57	5	1,246.03	5	992.40	5	742.46	5	491.09	5	237.47	5	3.32	5		5		5	
1/4	1,494.29	1/4	1,240.75	1/4	987.11	1/4	737.27	1/4	485.80	1/4	232.19	1/4	2.44	1/4		1/4		1/4	
1/2	1,489.01	1/2	1,235.46	1/2	981.83	1/2	732.07	1/2	480.52	1/2	226.91	1/2	1.56	1/2		1/2		1/2	
3/4	1,483.73	3/4	1,230.18	3/4	976.55	3/4	726.88	3/4	475.23	3/4	221.62	3/4	0.68	3/4		3/4		3/4	
6	1,478.45	6	1,224.89	6	971.30	6	721.68	6	469.95	6	216.34	6		6		6		6	
1/4	1,473.17	1/4	1,219.61	1/4	966.06	1/4	716.49	1/4	464.67	1/4	211.05	1/4		1/4		1/4		1/4	
1/2	1,467.89	1/2	1,214.33	1/2	960.82	1/2	711.30	1/2	459.38	1/2	205.77	1/2		1/2		1/2		1/2	
3/4	1,462.61	3/4	1,209.04	3/4	955.58	3/4	706.10	3/4	454.10	3/4	200.49	3/4		3/4		3/4		3/4	
7	1,457.33	7	1,203.76	7	950.38	7	700.91	7	448.82	7	195.20	7		7		7		7	
1/4	1,452.04	1/4	1,198.47	1/4	945.18	1/4	695.71	1/4	443.53	1/4	189.92	1/4		1/4		1/4		1/4	
1/2	1,446.76	1/2	1,193.19	1/2	939.98	1/2	690.52	1/2	438.25	1/2	184.64	1/2		1/2		1/2		1/2	
3/4	1,441.48	3/4	1,187.91	3/4	934.78	3/4	685.33	3/4	432.97	3/4	179.35	3/4		3/4		3/4		3/4	
8	1,436.20	8	1,182.62	8	929.58	8	680.13	8	427.68	8	174.07	8		8		8		8	
1/4	1,430.92	1/4	1,177.34	1/4	924.38	1/4	674.94	1/4	422.40	1/4	168.79	1/4		1/4		1/4		1/4	
1/2	1,425.64	1/2	1,172.05	1/2	919.18	1/2	669.74	1/2	417.12	1/2	163.50	1/2		1/2		1/2		1/2	
3/4	1,420.36	3/4	1,166.77	3/4	913.99	3/4	664.55	3/4	411.83	3/4	158.22	3/4		3/4		3/4		3/4	
9	1,415.08	9	1,161.49	9	908.79	9	659.36	9	406.55	9	152.94	9		9		9		9	
1/4	1,409.80	1/4	1,156.20	1/4	903.59	1/4	654.16	1/4	401.26	1/4	147.65	1/4		1/4		1/4		1/4	
1/2	1,404.52	1/2	1,150.92	1/2	898.39	1/2	648.97	1/2	395.98	1/2	142.37	1/2		1/2		1/2		1/2	
3/4	1,399.24	3/4	1,145.63	3/4	893.19	3/4	643.78	3/4	390.70	3/4	137.09	3/4		3/4		3/4		3/4	
10	1,393.96	10	1,140.35	10	887.99	10	638.58	10	385.41	10	131.81	10		10		10		10	
1/4	1,388.68	1/4	1,135.07	1/4	882.79	1/4	633.39	1/4	380.13	1/4	126.53	1/4		1/4		1/4		1/4	
1/2	1,383.40	1/2	1,129.78	1/2	877.59	1/2	628.20	1/2	374.85	1/2	121.25	1/2		1/2		1/2		1/2	
3/4	1,378.12	3/4	1,124.50	3/4	872.39	3/4	623.00	3/4	369.56	3/4	115.97	3/4		3/4		3/4		3/4	
11	1,372.84	11	1,119.21	11	867.19	11	617.76	11	364.28	11	110.71	11		11		11		11	
1/4	1,367.56	1/4	1,113.93	1/4	861.99	1/4	612.52	1/4	359.00	1/4	105.44	1/4		1/4		1/4		1/4	
1/2	1,362.27	1/2	1,108.65	1/2	856.79	1/2	607.28	1/2	353.71	1/2	100.17	1/2		1/2		1/2		1/2	
3/4	1,356.99	3/4	1,103.36	3/4	851.59	3/4	602.04	3/4	348.43	3/4	94.91	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2010 CL - SW
CALCULATED: 01/15/2010 CL
PRINTED: 01/15/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "KIRBY 10075"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,337.01	0	3,110.82	0	2,860.45	0	2,610.09	0	2,359.26	0	2,107.49	0	1,855.72		
1/4		1/4		1/4		1/4	3,335.26	1/4	3,105.60	1/4	2,855.24	1/4	2,604.87	1/4	2,354.01	1/4	2,102.24	1/4	1,850.47		
1/2		1/2		1/2		1/2	3,333.51	1/2	3,100.38	1/2	2,850.02	1/2	2,599.66	1/2	2,348.77	1/2	2,097.00	1/2	1,845.23		
3/4		3/4		3/4		3/4	3,331.76	3/4	3,095.17	3/4	2,844.81	3/4	2,594.44	3/4	2,343.52	3/4	2,091.75	3/4	1,839.98		
1		1		1		1	3,330.01	1	3,089.95	1	2,839.59	1	2,589.23	1	2,338.28	1	2,086.51	1	1,834.74		
1/4		1/4		1/4		1/4	3,326.51	1/4	3,084.74	1/4	2,834.37	1/4	2,584.01	1/4	2,333.03	1/4	2,081.26	1/4	1,829.49		
1/2		1/2		1/2		1/2	3,323.01	1/2	3,079.52	1/2	2,829.16	1/2	2,578.79	1/2	2,327.79	1/2	2,076.02	1/2	1,824.25		
3/4		3/4		3/4		3/4	3,319.51	3/4	3,074.31	3/4	2,823.94	3/4	2,573.58	3/4	2,322.54	3/4	2,070.77	3/4	1,819.00		
2		2		2		2	3,316.01	2	3,069.09	2	2,818.73	2	2,568.36	2	2,317.30	2	2,065.53	2	1,813.76		
1/4		1/4		1/4		1/4	3,311.14	1/4	3,063.87	1/4	2,813.51	1/4	2,563.15	1/4	2,312.05	1/4	2,060.28	1/4	1,808.51		
1/2		1/2		1/2		1/2	3,306.27	1/2	3,058.66	1/2	2,808.29	1/2	2,557.93	1/2	2,306.81	1/2	2,055.04	1/2	1,803.27		
3/4		3/4		3/4		3/4	3,301.40	3/4	3,053.44	3/4	2,803.08	3/4	2,552.72	3/4	2,301.56	3/4	2,049.79	3/4	1,798.02		
3		3		3		3	3,296.53	3	3,048.23	3	2,797.86	3	2,547.50	3	2,296.32	3	2,044.55	3	1,792.78		
1/4		1/4		1/4		1/4	3,291.43	1/4	3,043.01	1/4	2,792.65	1/4	2,542.28	1/4	2,291.07	1/4	2,039.30	1/4	1,787.53		
1/2		1/2		1/2		1/2	3,286.33	1/2	3,037.79	1/2	2,787.43	1/2	2,537.07	1/2	2,285.83	1/2	2,034.06	1/2	1,782.29		
3/4		3/4		3/4		3/4	3,281.24	3/4	3,032.58	3/4	2,782.21	3/4	2,531.85	3/4	2,280.58	3/4	2,028.81	3/4	1,777.04		
4		4		4		4	3,276.14	4	3,027.36	4	2,777.00	4	2,526.64	4	2,275.33	4	2,023.57	4	1,771.80		
1/4		1/4		1/4		1/4	3,271.03	1/4	3,022.15	1/4	2,771.78	1/4	2,521.42	1/4	2,270.09	1/4	2,018.32	1/4	1,766.55		
1/2		1/2		1/2		1/2	3,265.92	1/2	3,016.93	1/2	2,766.57	1/2	2,516.20	1/2	2,264.84	1/2	2,013.07	1/2	1,761.31		
3/4		3/4		3/4		3/4	3,260.80	3/4	3,011.71	3/4	2,761.35	3/4	2,510.99	3/4	2,259.60	3/4	2,007.83	3/4	1,756.06		
5		5		5		5	3,255.69	5	3,006.50	5	2,756.14	5	2,505.77	5	2,254.35	5	2,002.58	5	1,750.81		
1/4		1/4		1/4		1/4	3,250.57	1/4	3,001.28	1/4	2,750.92	1/4	2,500.56	1/4	2,249.11	1/4	1,997.34	1/4	1,745.57		
1/2		1/2		1/2		1/2	3,245.45	1/2	2,996.07	1/2	2,745.70	1/2	2,495.34	1/2	2,243.86	1/2	1,992.09	1/2	1,740.32		
3/4		3/4		3/4		3/4	3,240.33	3/4	2,990.85	3/4	2,740.49	3/4	2,490.12	3/4	2,238.62	3/4	1,986.85	3/4	1,735.08		
6		6		6		6	3,235.21	6	2,985.63	6	2,735.27	6	2,484.91	6	2,233.37	6	1,981.60	6	1,729.83		
1/4		1/4		1/4		1/4	3,230.09	1/4	2,980.42	1/4	2,730.06	1/4	2,479.69	1/4	2,228.13	1/4	1,976.36	1/4	1,724.59		
1/2		1/2		1/2		1/2	3,224.97	1/2	2,975.20	1/2	2,724.84	1/2	2,474.48	1/2	2,222.88	1/2	1,971.11	1/2	1,719.34		
3/4		3/4		3/4		3/4	3,219.86	3/4	2,969.99	3/4	2,719.62	3/4	2,469.26	3/4	2,217.64	3/4	1,965.87	3/4	1,714.10		
7		7		7		7	3,214.74	7	2,964.77	7	2,714.41	7	2,464.04	7	2,212.39	7	1,960.62	7	1,708.85		
1/4		1/4		1/4		1/4	3,209.62	1/4	2,959.56	1/4	2,709.19	1/4	2,458.83	1/4	2,207.15	1/4	1,955.38	1/4	1,703.61		
1/2		1/2		1/2		1/2	3,204.51	1/2	2,954.34	1/2	2,703.98	1/2	2,453.61	1/2	2,201.90	1/2	1,950.13	1/2	1,698.36		
3/4		3/4		3/4		3/4	3,199.39	3/4	2,949.12	3/4	2,698.76	3/4	2,448.40	3/4	2,196.66	3/4	1,944.89	3/4	1,693.12		
8		8		8		8	3,194.27	8	2,943.91	8	2,693.54	8	2,443.18	8	2,191.41	8	1,939.64	8	1,687.87		
1/4		1/4		1/4		1/4	3,189.05	1/4	2,938.69	1/4	2,688.33	1/4	2,437.94	1/4	2,186.17	1/4	1,934.40	1/4	1,682.63		
1/2		1/2		1/2		1/2	3,183.84	1/2	2,933.48	1/2	2,683.11	1/2	2,432.69	1/2	2,180.92	1/2	1,929.15	1/2	1,677.38		
3/4		3/4		3/4		3/4	3,178.62	3/4	2,928.26	3/4	2,677.90	3/4	2,427.45	3/4	2,175.68	3/4	1,923.91	3/4	1,672.14		
9		9		9		9	3,173.41	9	2,923.04	9	2,672.68	9	2,422.20	9	2,170.43	9	1,918.66	9	1,666.89		
1/4		1/4		1/4		1/4	3,168.19	1/4	2,917.83	1/4	2,667.46	1/4	2,416.96	1/4	2,165.19	1/4	1,913.42	1/4	1,661.65		
1/2		1/2		1/2		1/2	3,162.98	1/2	2,912.61	1/2	2,662.25	1/2	2,411.71	1/2	2,159.94	1/2	1,908.17	1/2	1,656.40		
3/4		3/4		3/4		3/4	3,157.76	3/4	2,907.40	3/4	2,657.03	3/4	2,406.46	3/4	2,154.70	3/4	1,902.93	3/4	1,651.16		
10		10		10		10	3,152.54	10	2,902.18	10	2,651.82	10	2,401.22	10	2,149.45	10	1,897.68	10	1,645.91		
1/4		1/4		1/4		1/4	3,147.33	1/4	2,896.96	1/4	2,646.60	1/4	2,395.97	1/4	2,144.20	1/4	1,892.44	1/4	1,640.67		
1/2		1/2		1/2		1/2	3,142.11	1/2	2,891.75	1/2	2,641.39	1/2	2,390.73	1/2	2,138.96	1/2	1,887.19	1/2	1,635.42		
3/4		3/4		3/4		3/4	3,136.90	3/4	2,886.53	3/4	2,636.17	3/4	2,385.48	3/4	2,133.71	3/4	1,881.94	3/4	1,630.18		
11		11		11		11	3,131.68	11	2,881.32	11	2,630.95	11	2,380.24	11	2,128.47	11	1,876.70	11	1,624.93		
1/4		1/4		1/4		1/4	3,126.46	1/4	2,876.10	1/4	2,625.74	1/4	2,374.99	1/4	2,123.22	1/4	1,871.45	1/4	1,619.68		
1/2		1/2		1/2		1/2	3,337.88	1/2	3,121.25	1/2	2,870.88	1/2	2,620.52	1/2	2,369.75	1/2	2,117.98	1/2	1,866.21	1/2	1,614.44
3/4		3/4		3/4		3/4	3,337.45	3/4	3,116.03	3/4	2,865.67	3/4	2,615.31	3/4	2,364.50	3/4	2,112.73	3/4	1,860.96	3/4	1,609.19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10075"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,603.95	0	1,352.18	0	1,100.25	0	849.19	0	598.01	0	346.10	0	94.27	0		0		0	
1/4	1,598.70	1/4	1,346.93	1/4	1,095.00	1/4	843.97	1/4	592.77	1/4	340.85	1/4	89.06	1/4	1/4	1/4		1/4	
1/2	1,593.46	1/2	1,341.68	1/2	1,089.75	1/2	838.76	1/2	587.52	1/2	335.60	1/2	83.85	1/2	1/2	1/2		1/2	
3/4	1,588.21	3/4	1,336.43	3/4	1,084.50	3/4	833.55	3/4	582.27	3/4	330.36	3/4	78.63	3/4	3/4	3/4		3/4	
1	1,582.97	1	1,331.19	1	1,079.25	1	828.34	1	577.03	1	325.11	1	73.42	1	1	1		1	
1/4	1,577.72	1/4	1,325.94	1/4	1,074.00	1/4	823.12	1/4	571.78	1/4	319.86	1/4	68.23	1/4	1/4	1/4		1/4	
1/2	1,572.48	1/2	1,320.69	1/2	1,068.76	1/2	817.91	1/2	566.53	1/2	314.61	1/2	63.05	1/2	1/2	1/2		1/2	
3/4	1,567.23	3/4	1,315.44	3/4	1,063.51	3/4	812.70	3/4	561.28	3/4	309.36	3/4	57.86	3/4	3/4	3/4		3/4	
2	1,561.99	2	1,310.19	2	1,058.26	2	807.49	2	556.03	2	304.11	2	52.68	2	2	2		2	
1/4	1,556.74	1/4	1,304.94	1/4	1,053.01	1/4	802.27	1/4	550.78	1/4	298.87	1/4	47.54	1/4	1/4	1/4		1/4	
1/2	1,551.50	1/2	1,299.69	1/2	1,047.76	1/2	797.06	1/2	545.54	1/2	293.62	1/2	42.40	1/2	1/2	1/2		1/2	
3/4	1,546.25	3/4	1,294.44	3/4	1,042.51	3/4	791.85	3/4	540.29	3/4	288.37	3/4	37.27	3/4	3/4	3/4		3/4	
3	1,541.01	3	1,289.20	3	1,037.26	3	786.64	3	535.04	3	283.12	3	32.13	3	3	3		3	
1/4	1,535.76	1/4	1,283.95	1/4	1,032.01	1/4	781.43	1/4	529.79	1/4	277.87	1/4	27.77	1/4	1/4	1/4		1/4	
1/2	1,530.52	1/2	1,278.70	1/2	1,026.77	1/2	776.22	1/2	524.54	1/2	272.62	1/2	23.40	1/2	1/2	1/2		1/2	
3/4	1,525.27	3/4	1,273.45	3/4	1,021.52	3/4	771.02	3/4	519.29	3/4	267.38	3/4	19.04	3/4	3/4	3/4		3/4	
4	1,520.03	4	1,268.20	4	1,016.27	4	765.81	4	514.05	4	262.13	4	14.67	4	4	4		4	
1/4	1,514.78	1/4	1,262.95	1/4	1,011.02	1/4	760.57	1/4	508.80	1/4	256.88	1/4	12.05	1/4	1/4	1/4		1/4	
1/2	1,509.54	1/2	1,257.70	1/2	1,005.77	1/2	755.33	1/2	503.55	1/2	251.63	1/2	9.42	1/2	1/2	1/2		1/2	
3/4	1,504.29	3/4	1,252.46	3/4	1,000.52	3/4	750.08	3/4	498.30	3/4	246.38	3/4	6.80	3/4	3/4	3/4		3/4	
5	1,499.05	5	1,247.21	5	995.27	5	744.84	5	493.05	5	241.13	5	4.18	5	5	5		5	
1/4	1,493.80	1/4	1,241.96	1/4	990.03	1/4	739.60	1/4	487.80	1/4	235.89	1/4	3.30	1/4	1/4	1/4		1/4	
1/2	1,488.55	1/2	1,236.71	1/2	984.78	1/2	734.35	1/2	482.56	1/2	230.64	1/2	2.43	1/2	1/2	1/2		1/2	
3/4	1,483.31	3/4	1,231.46	3/4	979.53	3/4	729.11	3/4	477.31	3/4	225.39	3/4	1.55	3/4	3/4	3/4		3/4	
6	1,478.06	6	1,226.21	6	974.28	6	723.87	6	472.06	6	220.14	6	0.68	6	6	6		6	
1/4	1,472.82	1/4	1,220.96	1/4	969.07	1/4	718.62	1/4	466.81	1/4	214.89	1/4		1/4	1/4	1/4		1/4	
1/2	1,467.57	1/2	1,215.72	1/2	963.86	1/2	713.38	1/2	461.56	1/2	209.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,462.33	3/4	1,210.47	3/4	958.64	3/4	708.13	3/4	456.32	3/4	204.40	3/4		3/4	3/4	3/4		3/4	
7	1,457.08	7	1,205.22	7	953.43	7	702.89	7	451.07	7	199.15	7		7	7	7		7	
1/4	1,451.84	1/4	1,199.97	1/4	948.22	1/4	697.65	1/4	445.82	1/4	193.90	1/4		1/4	1/4	1/4		1/4	
1/2	1,446.59	1/2	1,194.72	1/2	943.01	1/2	692.40	1/2	440.57	1/2	188.65	1/2		1/2	1/2	1/2		1/2	
3/4	1,441.35	3/4	1,189.47	3/4	937.79	3/4	687.16	3/4	435.32	3/4	183.40	3/4		3/4	3/4	3/4		3/4	
8	1,436.10	8	1,184.22	8	932.58	8	681.92	8	430.07	8	178.16	8		8	8	8		8	
1/4	1,430.86	1/4	1,178.98	1/4	927.37	1/4	676.67	1/4	424.83	1/4	172.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,425.61	1/2	1,173.73	1/2	922.16	1/2	671.43	1/2	419.58	1/2	167.66	1/2		1/2	1/2	1/2		1/2	
3/4	1,420.37	3/4	1,168.48	3/4	916.95	3/4	666.19	3/4	414.33	3/4	162.41	3/4		3/4	3/4	3/4		3/4	
9	1,415.12	9	1,163.23	9	911.73	9	660.94	9	409.08	9	157.16	9		9	9	9		9	
1/4	1,409.88	1/4	1,157.98	1/4	906.52	1/4	655.70	1/4	403.83	1/4	151.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,404.63	1/2	1,152.73	1/2	901.31	1/2	650.46	1/2	398.58	1/2	146.67	1/2		1/2	1/2	1/2		1/2	
3/4	1,399.39	3/4	1,147.48	3/4	896.10	3/4	645.21	3/4	393.34	3/4	141.42	3/4		3/4	3/4	3/4		3/4	
10	1,394.14	10	1,142.24	10	890.88	10	639.97	10	388.09	10	136.17	10		10	10	10		10	
1/4	1,388.90	1/4	1,136.99	1/4	885.67	1/4	634.73	1/4	382.84	1/4	130.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,383.65	1/2	1,131.74	1/2	880.46	1/2	629.49	1/2	377.59	1/2	125.69	1/2		1/2	1/2	1/2		1/2	
3/4	1,378.41	3/4	1,126.49	3/4	875.25	3/4	624.24	3/4	372.34	3/4	120.44	3/4		3/4	3/4	3/4		3/4	
11	1,373.16	11	1,121.24	11	870.03	11	619.00	11	367.09	11	115.20	11		11	11	11		11	
1/4	1,367.92	1/4	1,115.99	1/4	864.82	1/4	613.75	1/4	361.85	1/4	109.97	1/4		1/4	1/4	1/4		1/4	
1/2	1,362.67	1/2	1,110.74	1/2	859.61	1/2	608.51	1/2	356.60	1/2	104.74	1/2		1/2	1/2	1/2		1/2	
3/4	1,357.42	3/4	1,105.50	3/4	854.40	3/4	603.26	3/4	351.35	3/4	99.51	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2010 CL - SW
CALCULATED: 01/15/2010 CL
PRINTED: 01/15/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

PRECISION MEASUREMENT
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