



# BARGE "KIRBY 10079"

## 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
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 1 CENTER IS - 00-1/8"  
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 158'-06"

January 28, 2010

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

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# BARGE "KIRBY 10079"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	3,334.64	0	3,127.30	0	2,904.36	0	2,681.42	0	2,450.95	0	2,189.54	0	1,927.47		
1/4		1/4		1/4		1/4	3,332.81	1/4	3,122.66	1/4	2,899.72	1/4	2,676.78	1/4	2,445.51	1/4	2,184.08	1/4	1,922.01		
1/2		1/2		1/2		1/2	3,330.98	1/2	3,118.01	1/2	2,895.07	1/2	2,672.13	1/2	2,440.07	1/2	2,178.62	1/2	1,916.55		
3/4		3/4		3/4		3/4	3,329.15	3/4	3,113.37	3/4	2,890.43	3/4	2,667.49	3/4	2,434.63	3/4	2,173.16	3/4	1,911.10		
1		1		1		1	3,325.50	1	3,108.72	1	2,885.78	1	2,662.84	1	2,429.19	1	2,167.70	1	1,905.64		
1/4		1/4		1/4		1/4	3,321.84	1/4	3,104.08	1/4	2,881.14	1/4	2,658.20	1/4	2,423.75	1/4	2,162.24	1/4	1,900.18		
1/2		1/2		1/2		1/2	3,318.18	1/2	3,099.44	1/2	2,876.49	1/2	2,653.55	1/2	2,418.30	1/2	2,156.78	1/2	1,894.72		
3/4		3/4		3/4		3/4	3,314.53	3/4	3,094.79	3/4	2,871.85	3/4	2,648.91	3/4	2,412.86	3/4	2,151.32	3/4	1,889.26		
2		2		2		2	3,310.23	2	3,090.15	2	2,867.21	2	2,644.26	2	2,407.42	2	2,145.86	2	1,883.80		
1/4		1/4		1/4		1/4	3,305.93	1/4	3,085.50	1/4	2,862.56	1/4	2,639.62	1/4	2,401.98	1/4	2,140.40	1/4	1,878.34		
1/2		1/2		1/2		1/2	3,301.63	1/2	3,080.86	1/2	2,857.92	1/2	2,634.98	1/2	2,396.54	1/2	2,134.94	1/2	1,872.88		
3/4		3/4		3/4		3/4	3,297.33	3/4	3,076.21	3/4	2,853.27	3/4	2,630.33	3/4	2,391.10	3/4	2,129.48	3/4	1,867.42		
3		3		3		3	3,292.79	3	3,071.57	3	2,848.63	3	2,625.69	3	2,385.66	3	2,124.02	3	1,861.96		
1/4		1/4		1/4		1/4	3,288.26	1/4	3,066.92	1/4	2,843.98	1/4	2,621.04	1/4	2,380.22	1/4	2,118.56	1/4	1,856.50		
1/2		1/2		1/2		1/2	3,283.72	1/2	3,062.28	1/2	2,839.34	1/2	2,616.40	1/2	2,374.78	1/2	2,113.10	1/2	1,851.04		
3/4		3/4		3/4		3/4	3,279.19	3/4	3,057.63	3/4	2,834.69	3/4	2,611.75	3/4	2,369.34	3/4	2,107.64	3/4	1,845.58		
4		4		4		4	3,274.63	4	3,052.99	4	2,830.05	4	2,607.11	4	2,363.89	4	2,102.18	4	1,840.12		
1/4		1/4		1/4		1/4	3,270.08	1/4	3,048.34	1/4	2,825.40	1/4	2,602.46	1/4	2,358.45	1/4	2,096.72	1/4	1,834.66		
1/2		1/2		1/2		1/2	3,265.52	1/2	3,043.70	1/2	2,820.76	1/2	2,597.82	1/2	2,353.01	1/2	2,091.27	1/2	1,829.20		
3/4		3/4		3/4		3/4	3,260.96	3/4	3,039.06	3/4	2,816.11	3/4	2,593.17	3/4	2,347.57	3/4	2,085.81	3/4	1,823.74		
5		5		5		5	3,256.40	5	3,034.41	5	2,811.47	5	2,588.53	5	2,342.13	5	2,080.35	5	1,818.28		
1/4		1/4		1/4		1/4	3,251.84	1/4	3,029.77	1/4	2,806.83	1/4	2,583.88	1/4	2,336.69	1/4	2,074.89	1/4	1,812.82		
1/2		1/2		1/2		1/2	3,247.28	1/2	3,025.12	1/2	2,802.18	1/2	2,579.24	1/2	2,331.25	1/2	2,069.43	1/2	1,807.36		
3/4		3/4		3/4		3/4	3,242.72	3/4	3,020.48	3/4	2,797.54	3/4	2,574.60	3/4	2,325.81	3/4	2,063.97	3/4	1,801.90		
6		6		6		6	3,238.17	6	3,015.83	6	2,792.89	6	2,569.95	6	2,320.37	6	2,058.51	6	1,796.44		
1/4		1/4		1/4		1/4	3,233.61	1/4	3,011.19	1/4	2,788.25	1/4	2,565.31	1/4	2,314.93	1/4	2,053.05	1/4	1,790.98		
1/2		1/2		1/2		1/2	3,229.05	1/2	3,006.54	1/2	2,783.60	1/2	2,560.66	1/2	2,309.48	1/2	2,047.59	1/2	1,785.52		
3/4		3/4		3/4		3/4	3,224.49	3/4	3,001.90	3/4	2,778.96	3/4	2,556.02	3/4	2,304.04	3/4	2,042.13	3/4	1,780.06		
7		7		7		7	3,219.93	7	2,997.25	7	2,774.31	7	2,551.37	7	2,298.60	7	2,036.67	7	1,774.60		
1/4		1/4		1/4		1/4	3,215.38	1/4	2,992.61	1/4	2,769.67	1/4	2,546.73	1/4	2,293.16	1/4	2,031.21	1/4	1,769.14		
1/2		1/2		1/2		1/2	3,210.82	1/2	2,987.96	1/2	2,765.02	1/2	2,542.08	1/2	2,287.72	1/2	2,025.75	1/2	1,763.68		
3/4		3/4		3/4		3/4	3,206.26	3/4	2,983.32	3/4	2,760.38	3/4	2,537.44	3/4	2,282.28	3/4	2,020.29	3/4	1,758.22		
8		8		8		8	3,201.62	8	2,978.68	8	2,755.73	8	2,532.77	8	2,276.84	8	2,014.83	8	1,752.76		
1/4		1/4		1/4		1/4	3,196.97	1/4	2,974.03	1/4	2,751.09	1/4	2,528.10	1/4	2,271.40	1/4	2,009.37	1/4	1,747.30		
1/2		1/2		1/2		1/2	3,192.33	1/2	2,969.39	1/2	2,746.45	1/2	2,523.43	1/2	2,265.96	1/2	2,003.91	1/2	1,741.84		
3/4		3/4		3/4		3/4	3,187.68	3/4	2,964.74	3/4	2,741.80	3/4	2,518.76	3/4	2,260.52	3/4	1,998.45	3/4	1,736.38		
9		9		9		9	3,183.04	9	2,960.10	9	2,737.16	9	2,514.09	9	2,255.06	9	1,992.99	9	1,730.92		
1/4		1/4		1/4		1/4	3,178.39	1/4	2,955.45	1/4	2,732.51	1/4	2,509.42	1/4	2,249.60	1/4	1,987.53	1/4	1,725.47		
1/2		1/2		1/2		1/2	3,173.75	1/2	2,950.81	1/2	2,727.87	1/2	2,504.75	1/2	2,244.14	1/2	1,982.07	1/2	1,720.01		
3/4		3/4		3/4		3/4	3,169.10	3/4	2,946.16	3/4	2,723.22	3/4	2,500.08	3/4	2,238.68	3/4	1,976.61	3/4	1,714.55		
10		10		10		10	3,164.46	10	2,941.52	10	2,718.58	10	2,494.60	10	2,233.22	10	1,971.15	10	1,709.09		
1/4		1/4		1/4		1/4	3,159.82	1/4	2,936.87	1/4	2,713.93	1/4	2,489.12	1/4	2,227.76	1/4	1,965.69	1/4	1,703.63		
1/2		1/2		1/2		1/2	3,155.17	1/2	2,932.23	1/2	2,709.29	1/2	2,483.64	1/2	2,222.30	1/2	1,960.23	1/2	1,698.17		
3/4		3/4		3/4		3/4	3,150.53	3/4	2,927.59	3/4	2,704.64	3/4	2,478.16	3/4	2,216.84	3/4	1,954.77	3/4	1,692.71		
11		11		11		11	3,145.88	11	2,922.94	11	2,700.00	11	2,472.71	11	2,211.38	11	1,949.31	11	1,687.25		
1/4		1/4		1/4		1/4	3,337.38	1/4	3,141.24	1/4	2,918.30	1/4	2,695.36	1/4	2,467.27	1/4	2,205.92	1/4	1,943.85	1/4	1,681.79
1/2		1/2		1/2		1/2	3,336.92	1/2	3,136.59	1/2	2,913.65	1/2	2,690.71	1/2	2,461.83	1/2	2,200.46	1/2	1,938.39	1/2	1,676.33
3/4		3/4		3/4		3/4	3,336.47	3/4	3,131.95	3/4	2,909.01	3/4	2,686.07	3/4	2,456.39	3/4	2,195.00	3/4	1,932.93	3/4	1,670.87

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 28'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "KIRBY 10079"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

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

STRAPPED: 01/28/2010 CL - SW  
CALCULATED: 01/28/2010 CL  
PRINTED: 01/28/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 10079"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,355.92	0	3,128.12	0	2,876.00	0	2,623.89	0	2,371.31	0	2,117.79	0	1,864.28		
1/4		1/4		1/4		1/4	3,354.16	1/4	3,122.87	1/4	2,870.75	1/4	2,618.63	1/4	2,366.02	1/4	2,112.51	1/4	1,859.00		
1/2		1/2		1/2		1/2	3,352.40	1/2	3,117.61	1/2	2,865.50	1/2	2,613.38	1/2	2,360.74	1/2	2,107.23	1/2	1,853.72		
3/4		3/4		3/4		3/4	3,350.64	3/4	3,112.36	3/4	2,860.25	3/4	2,608.13	3/4	2,355.46	3/4	2,101.95	3/4	1,848.44		
1		1		1		1	3,348.87	1	3,107.11	1	2,854.99	1	2,602.88	1	2,350.18	1	2,096.67	1	1,843.16		
1/4		1/4		1/4		1/4	3,345.35	1/4	3,101.86	1/4	2,849.74	1/4	2,597.63	1/4	2,344.90	1/4	2,091.39	1/4	1,837.87		
1/2		1/2		1/2		1/2	3,341.83	1/2	3,096.60	1/2	2,844.49	1/2	2,592.37	1/2	2,339.62	1/2	2,086.11	1/2	1,832.59		
3/4		3/4		3/4		3/4	3,338.30	3/4	3,091.35	3/4	2,839.24	3/4	2,587.12	3/4	2,334.34	3/4	2,080.82	3/4	1,827.31		
2		2		2		2	3,334.78	2	3,086.10	2	2,833.98	2	2,581.87	2	2,329.05	2	2,075.54	2	1,822.03		
1/4		1/4		1/4		1/4	3,329.87	1/4	3,080.85	1/4	2,828.73	1/4	2,576.62	1/4	2,323.77	1/4	2,070.26	1/4	1,816.75		
1/2		1/2		1/2		1/2	3,324.97	1/2	3,075.59	1/2	2,823.48	1/2	2,571.36	1/2	2,318.49	1/2	2,064.98	1/2	1,811.47		
3/4		3/4		3/4		3/4	3,320.06	3/4	3,070.34	3/4	2,818.23	3/4	2,566.11	3/4	2,313.21	3/4	2,059.70	3/4	1,806.19		
3		3		3		3	3,315.15	3	3,065.09	3	2,812.97	3	2,560.86	3	2,307.93	3	2,054.42	3	1,800.90		
1/4		1/4		1/4		1/4	3,310.02	1/4	3,059.84	1/4	2,807.72	1/4	2,555.61	1/4	2,302.65	1/4	2,049.13	1/4	1,795.62		
1/2		1/2		1/2		1/2	3,304.89	1/2	3,054.58	1/2	2,802.47	1/2	2,550.35	1/2	2,297.37	1/2	2,043.85	1/2	1,790.34		
3/4		3/4		3/4		3/4	3,299.76	3/4	3,049.33	3/4	2,797.22	3/4	2,545.10	3/4	2,292.08	3/4	2,038.57	3/4	1,785.06		
4		4		4		4	3,294.62	4	3,044.08	4	2,791.96	4	2,539.85	4	2,286.80	4	2,033.29	4	1,779.78		
1/4		1/4		1/4		1/4	3,289.47	1/4	3,038.83	1/4	2,786.71	1/4	2,534.60	1/4	2,281.52	1/4	2,028.01	1/4	1,774.50		
1/2		1/2		1/2		1/2	3,284.32	1/2	3,033.57	1/2	2,781.46	1/2	2,529.34	1/2	2,276.24	1/2	2,022.73	1/2	1,769.22		
3/4		3/4		3/4		3/4	3,279.16	3/4	3,028.32	3/4	2,776.21	3/4	2,524.09	3/4	2,270.96	3/4	2,017.45	3/4	1,763.93		
5		5		5		5	3,274.01	5	3,023.07	5	2,770.95	5	2,518.84	5	2,265.68	5	2,012.16	5	1,758.65		
1/4		1/4		1/4		1/4	3,268.85	1/4	3,017.82	1/4	2,765.70	1/4	2,513.59	1/4	2,260.39	1/4	2,006.88	1/4	1,753.37		
1/2		1/2		1/2		1/2	3,263.70	1/2	3,012.56	1/2	2,760.45	1/2	2,508.33	1/2	2,255.11	1/2	2,001.60	1/2	1,748.09		
3/4		3/4		3/4		3/4	3,258.54	3/4	3,007.31	3/4	2,755.20	3/4	2,503.08	3/4	2,249.83	3/4	1,996.32	3/4	1,742.81		
6		6		6		6	3,253.38	6	3,002.06	6	2,749.94	6	2,497.83	6	2,244.55	6	1,991.04	6	1,737.53		
1/4		1/4		1/4		1/4	3,248.23	1/4	2,996.81	1/4	2,744.69	1/4	2,492.58	1/4	2,239.27	1/4	1,985.76	1/4	1,732.24		
1/2		1/2		1/2		1/2	3,243.08	1/2	2,991.56	1/2	2,739.44	1/2	2,487.32	1/2	2,233.99	1/2	1,980.48	1/2	1,726.96		
3/4		3/4		3/4		3/4	3,237.92	3/4	2,986.30	3/4	2,734.19	3/4	2,482.07	3/4	2,228.71	3/4	1,975.19	3/4	1,721.68		
7		7		7		7	3,232.77	7	2,981.05	7	2,728.94	7	2,476.82	7	2,223.42	7	1,969.91	7	1,716.40		
1/4		1/4		1/4		1/4	3,227.62	1/4	2,975.80	1/4	2,723.68	1/4	2,471.57	1/4	2,218.14	1/4	1,964.63	1/4	1,711.12		
1/2		1/2		1/2		1/2	3,222.46	1/2	2,970.55	1/2	2,718.43	1/2	2,466.32	1/2	2,212.86	1/2	1,959.35	1/2	1,705.84		
3/4		3/4		3/4		3/4	3,217.31	3/4	2,965.29	3/4	2,713.18	3/4	2,461.06	3/4	2,207.58	3/4	1,954.07	3/4	1,700.56		
8		8		8		8	3,212.16	8	2,960.04	8	2,707.93	8	2,455.81	8	2,202.30	8	1,948.79	8	1,695.27		
1/4		1/4		1/4		1/4	3,206.90	1/4	2,954.79	1/4	2,702.67	1/4	2,450.53	1/4	2,197.02	1/4	1,943.50	1/4	1,689.99		
1/2		1/2		1/2		1/2	3,201.65	1/2	2,949.54	1/2	2,697.42	1/2	2,445.25	1/2	2,191.74	1/2	1,938.22	1/2	1,684.71		
3/4		3/4		3/4		3/4	3,196.40	3/4	2,944.28	3/4	2,692.17	3/4	2,439.97	3/4	2,186.45	3/4	1,932.94	3/4	1,679.43		
9		9		9		9	3,191.15	9	2,939.03	9	2,686.92	9	2,434.68	9	2,181.17	9	1,927.66	9	1,674.15		
1/4		1/4		1/4		1/4	3,185.89	1/4	2,933.78	1/4	2,681.66	1/4	2,429.40	1/4	2,175.89	1/4	1,922.38	1/4	1,668.87		
1/2		1/2		1/2		1/2	3,180.64	1/2	2,928.53	1/2	2,676.41	1/2	2,424.12	1/2	2,170.61	1/2	1,917.10	1/2	1,663.59		
3/4		3/4		3/4		3/4	3,175.39	3/4	2,923.27	3/4	2,671.16	3/4	2,418.84	3/4	2,165.33	3/4	1,911.82	3/4	1,658.30		
10		10		10		10	3,170.14	10	2,918.02	10	2,665.91	10	2,413.56	10	2,160.05	10	1,906.53	10	1,653.02		
1/4		1/4		1/4		1/4	3,164.88	1/4	2,912.77	1/4	2,660.65	1/4	2,408.28	1/4	2,154.76	1/4	1,901.25	1/4	1,647.74		
1/2		1/2		1/2		1/2	3,159.63	1/2	2,907.52	1/2	2,655.40	1/2	2,403.00	1/2	2,149.48	1/2	1,895.97	1/2	1,642.46		
3/4		3/4		3/4		3/4	3,154.38	3/4	2,902.26	3/4	2,650.15	3/4	2,397.71	3/4	2,144.20	3/4	1,890.69	3/4	1,637.18		
11		11		11		11	3,149.13	11	2,897.01	11	2,644.90	11	2,392.43	11	2,138.92	11	1,885.41	11	1,631.90		
1/4		1/4		1/4		1/4	3,143.87	1/4	2,891.76	1/4	2,639.64	1/4	2,387.15	1/4	2,133.64	1/4	1,880.13	1/4	1,626.61		
1/2		1/2		1/2		1/2	3,356.80	1/2	3,138.62	1/2	2,886.51	1/2	2,634.39	1/2	2,381.87	1/2	2,128.36	1/2	1,874.85	1/2	1,621.33
3/4		3/4		3/4		3/4	3,356.36	3/4	3,133.37	3/4	2,881.25	3/4	2,629.14	3/4	2,376.59	3/4	2,123.08	3/4	1,869.56	3/4	1,616.05

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'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 10079"

## 2 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	1,610.77	0	1,357.26	0	1,103.57	0	851.76	0	602.16	0	348.49	0	94.92	0		0		0	
1/4	1,605.49	1/4	1,351.97	1/4	1,098.29	1/4	846.56	1/4	596.87	1/4	343.21	1/4	89.67	1/4		1/4		1/4	
1/2	1,600.21	1/2	1,346.69	1/2	1,093.00	1/2	841.36	1/2	591.59	1/2	337.93	1/2	84.42	1/2		1/2		1/2	
3/4	1,594.93	3/4	1,341.40	3/4	1,087.72	3/4	836.16	3/4	586.30	3/4	332.64	3/4	79.17	3/4		3/4		3/4	
1	1,589.64	1	1,336.12	1	1,082.43	1	830.96	1	581.02	1	327.36	1	73.92	1		1		1	
1/4	1,584.36	1/4	1,330.83	1/4	1,077.15	1/4	825.76	1/4	575.73	1/4	322.07	1/4	68.70	1/4		1/4		1/4	
1/2	1,579.08	1/2	1,325.55	1/2	1,071.86	1/2	820.56	1/2	570.45	1/2	316.79	1/2	63.48	1/2		1/2		1/2	
3/4	1,573.80	3/4	1,320.26	3/4	1,066.58	3/4	815.36	3/4	565.16	3/4	311.50	3/4	58.26	3/4		3/4		3/4	
2	1,568.52	2	1,314.98	2	1,061.29	2	810.16	2	559.88	2	306.22	2	53.04	2		2		2	
1/4	1,563.24	1/4	1,309.69	1/4	1,056.01	1/4	804.96	1/4	554.59	1/4	300.93	1/4	47.87	1/4		1/4		1/4	
1/2	1,557.96	1/2	1,304.41	1/2	1,050.72	1/2	799.75	1/2	549.31	1/2	295.65	1/2	42.70	1/2		1/2		1/2	
3/4	1,552.67	3/4	1,299.12	3/4	1,045.44	3/4	794.55	3/4	544.02	3/4	290.36	3/4	37.52	3/4		3/4		3/4	
3	1,547.39	3	1,293.84	3	1,040.15	3	789.35	3	538.74	3	285.08	3	32.35	3		3		3	
1/4	1,542.11	1/4	1,288.55	1/4	1,034.87	1/4	784.16	1/4	533.46	1/4	279.79	1/4	27.96	1/4		1/4		1/4	
1/2	1,536.83	1/2	1,283.27	1/2	1,029.58	1/2	778.96	1/2	528.17	1/2	274.51	1/2	23.56	1/2		1/2		1/2	
3/4	1,531.55	3/4	1,277.98	3/4	1,024.30	3/4	773.77	3/4	522.89	3/4	269.23	3/4	19.16	3/4		3/4		3/4	
4	1,526.27	4	1,272.70	4	1,019.01	4	768.58	4	517.60	4	263.94	4	14.77	4		4		4	
1/4	1,520.98	1/4	1,267.41	1/4	1,013.73	1/4	763.38	1/4	512.32	1/4	258.66	1/4	12.13	1/4		1/4		1/4	
1/2	1,515.70	1/2	1,262.13	1/2	1,008.44	1/2	758.19	1/2	507.03	1/2	253.37	1/2	9.48	1/2		1/2		1/2	
3/4	1,510.42	3/4	1,256.84	3/4	1,003.16	3/4	752.99	3/4	501.75	3/4	248.09	3/4	6.84	3/4		3/4		3/4	
5	1,505.14	5	1,251.56	5	997.87	5	747.80	5	496.46	5	242.80	5	4.20	5		5		5	
1/4	1,499.86	1/4	1,246.27	1/4	992.59	1/4	742.60	1/4	491.18	1/4	237.52	1/4	3.32	1/4		1/4		1/4	
1/2	1,494.58	1/2	1,240.99	1/2	987.30	1/2	737.41	1/2	485.89	1/2	232.23	1/2	2.44	1/2		1/2		1/2	
3/4	1,489.30	3/4	1,235.70	3/4	982.02	3/4	732.21	3/4	480.61	3/4	226.95	3/4	1.56	3/4		3/4		3/4	
6	1,484.01	6	1,230.42	6	976.73	6	727.02	6	475.33	6	221.66	6	0.68	6		6		6	
1/4	1,478.73	1/4	1,225.13	1/4	971.49	1/4	721.82	1/4	470.04	1/4	216.38	1/4		1/4		1/4		1/4	
1/2	1,473.45	1/2	1,219.85	1/2	966.24	1/2	716.63	1/2	464.76	1/2	211.10	1/2		1/2		1/2		1/2	
3/4	1,468.17	3/4	1,214.56	3/4	961.00	3/4	711.43	3/4	459.47	3/4	205.81	3/4		3/4		3/4		3/4	
7	1,462.89	7	1,209.28	7	955.76	7	706.24	7	454.19	7	200.53	7		7		7		7	
1/4	1,457.61	1/4	1,203.99	1/4	950.56	1/4	701.04	1/4	448.90	1/4	195.24	1/4		1/4		1/4		1/4	
1/2	1,452.33	1/2	1,198.71	1/2	945.36	1/2	695.85	1/2	443.62	1/2	189.96	1/2		1/2		1/2		1/2	
3/4	1,447.04	3/4	1,193.42	3/4	940.16	3/4	690.65	3/4	438.33	3/4	184.67	3/4		3/4		3/4		3/4	
8	1,441.76	8	1,188.14	8	934.96	8	685.46	8	433.05	8	179.39	8		8		8		8	
1/4	1,436.48	1/4	1,182.85	1/4	929.76	1/4	680.26	1/4	427.76	1/4	174.10	1/4		1/4		1/4		1/4	
1/2	1,431.20	1/2	1,177.56	1/2	924.56	1/2	675.07	1/2	422.48	1/2	168.82	1/2		1/2		1/2		1/2	
3/4	1,425.92	3/4	1,172.28	3/4	919.36	3/4	669.87	3/4	417.19	3/4	163.53	3/4		3/4		3/4		3/4	
9	1,420.64	9	1,166.99	9	914.16	9	664.68	9	411.91	9	158.25	9		9		9		9	
1/4	1,415.35	1/4	1,161.71	1/4	908.96	1/4	659.48	1/4	406.63	1/4	152.97	1/4		1/4		1/4		1/4	
1/2	1,410.07	1/2	1,156.42	1/2	903.76	1/2	654.29	1/2	401.34	1/2	147.68	1/2		1/2		1/2		1/2	
3/4	1,404.79	3/4	1,151.14	3/4	898.56	3/4	649.09	3/4	396.06	3/4	142.40	3/4		3/4		3/4		3/4	
10	1,399.51	10	1,145.85	10	893.36	10	643.90	10	390.77	10	137.11	10		10		10		10	
1/4	1,394.23	1/4	1,140.57	1/4	888.16	1/4	638.70	1/4	385.49	1/4	131.83	1/4		1/4		1/4		1/4	
1/2	1,388.95	1/2	1,135.28	1/2	882.96	1/2	633.51	1/2	380.20	1/2	126.55	1/2		1/2		1/2		1/2	
3/4	1,383.67	3/4	1,130.00	3/4	877.76	3/4	628.32	3/4	374.92	3/4	121.28	3/4		3/4		3/4		3/4	
11	1,378.38	11	1,124.71	11	872.56	11	623.12	11	369.63	11	116.00	11		11		11		11	
1/4	1,373.10	1/4	1,119.43	1/4	867.36	1/4	617.88	1/4	364.35	1/4	110.73	1/4		1/4		1/4		1/4	
1/2	1,367.82	1/2	1,114.14	1/2	862.16	1/2	612.64	1/2	359.06	1/2	105.46	1/2		1/2		1/2		1/2	
3/4	1,362.54	3/4	1,108.86	3/4	856.96	3/4	607.40	3/4	353.78	3/4	100.19	3/4		3/4		3/4		3/4	

STRAPPED: 01/28/2010 CL - SW  
CALCULATED: 01/28/2010 CL  
PRINTED: 01/28/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 10079"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	3,336.39	0	3,099.48	0	2,848.76	0	2,598.04	0	2,346.77	0	2,094.65	0	1,842.54		
1/4		1/4		1/4		1/4	3,334.64	1/4	3,094.25	1/4	2,843.54	1/4	2,592.82	1/4	2,341.52	1/4	2,089.40	1/4	1,837.29		
1/2		1/2		1/2		1/2	3,331.14	1/2	3,089.03	1/2	2,838.31	1/2	2,587.59	1/2	2,336.26	1/2	2,084.15	1/2	1,832.03		
3/4		3/4		3/4		3/4	3,327.63	3/4	3,083.81	3/4	2,833.09	3/4	2,582.37	3/4	2,331.01	3/4	2,078.90	3/4	1,826.78		
1		1		1		1	3,324.13	1	3,078.58	1	2,827.87	1	2,577.15	1	2,325.76	1	2,073.64	1	1,821.53		
1/4		1/4		1/4		1/4	3,320.62	1/4	3,073.36	1/4	2,822.64	1/4	2,571.92	1/4	2,320.51	1/4	2,068.39	1/4	1,816.28		
1/2		1/2		1/2		1/2	3,315.75	1/2	3,068.14	1/2	2,817.42	1/2	2,566.70	1/2	2,315.25	1/2	2,063.14	1/2	1,811.02		
3/4		3/4		3/4		3/4	3,310.87	3/4	3,062.91	3/4	2,812.20	3/4	2,561.48	3/4	2,310.00	3/4	2,057.89	3/4	1,805.77		
2		2		2		2	3,305.99	2	3,057.69	2	2,806.97	2	2,556.25	2	2,304.75	2	2,052.63	2	1,800.52		
1/4		1/4		1/4		1/4	3,301.11	1/4	3,052.47	1/4	2,801.75	1/4	2,551.03	1/4	2,299.50	1/4	2,047.38	1/4	1,795.27		
1/2		1/2		1/2		1/2	3,296.01	1/2	3,047.24	1/2	2,796.53	1/2	2,545.81	1/2	2,294.25	1/2	2,042.13	1/2	1,790.01		
3/4		3/4		3/4		3/4	3,290.90	3/4	3,042.02	3/4	2,791.30	3/4	2,540.58	3/4	2,288.99	3/4	2,036.88	3/4	1,784.76		
3		3		3		3	3,285.80	3	3,036.80	3	2,786.08	3	2,535.36	3	2,283.74	3	2,031.63	3	1,779.51		
1/4		1/4		1/4		1/4	3,280.70	1/4	3,031.57	1/4	2,780.86	1/4	2,530.14	1/4	2,278.49	1/4	2,026.37	1/4	1,774.26		
1/2		1/2		1/2		1/2	3,275.58	1/2	3,026.35	1/2	2,775.63	1/2	2,524.91	1/2	2,273.24	1/2	2,021.12	1/2	1,769.01		
3/4		3/4		3/4		3/4	3,270.46	3/4	3,021.13	3/4	2,770.41	3/4	2,519.69	3/4	2,267.98	3/4	2,015.87	3/4	1,763.75		
4		4		4		4	3,265.34	4	3,015.90	4	2,765.19	4	2,514.47	4	2,262.73	4	2,010.62	4	1,758.50		
1/4		1/4		1/4		1/4	3,260.22	1/4	3,010.68	1/4	2,759.96	1/4	2,509.24	1/4	2,257.48	1/4	2,005.36	1/4	1,753.25		
1/2		1/2		1/2		1/2	3,255.09	1/2	3,005.46	1/2	2,754.74	1/2	2,504.02	1/2	2,252.23	1/2	2,000.11	1/2	1,748.00		
3/4		3/4		3/4		3/4	3,249.96	3/4	3,000.23	3/4	2,749.52	3/4	2,498.80	3/4	2,246.97	3/4	1,994.86	3/4	1,742.74		
5		5		5		5	3,244.84	5	2,995.01	5	2,744.29	5	2,493.57	5	2,241.72	5	1,989.61	5	1,737.49		
1/4		1/4		1/4		1/4	3,239.71	1/4	2,989.79	1/4	2,739.07	1/4	2,488.35	1/4	2,236.47	1/4	1,984.35	1/4	1,732.24		
1/2		1/2		1/2		1/2	3,234.58	1/2	2,984.56	1/2	2,733.85	1/2	2,483.13	1/2	2,231.22	1/2	1,979.10	1/2	1,726.99		
3/4		3/4		3/4		3/4	3,229.46	3/4	2,979.34	3/4	2,728.62	3/4	2,477.90	3/4	2,225.96	3/4	1,973.85	3/4	1,721.73		
6		6		6		6	3,224.34	6	2,974.12	6	2,723.40	6	2,472.68	6	2,220.71	6	1,968.60	6	1,716.48		
1/4		1/4		1/4		1/4	3,219.21	1/4	2,968.89	1/4	2,718.18	1/4	2,467.46	1/4	2,215.46	1/4	1,963.34	1/4	1,711.23		
1/2		1/2		1/2		1/2	3,214.09	1/2	2,963.67	1/2	2,712.95	1/2	2,462.23	1/2	2,210.21	1/2	1,958.09	1/2	1,705.98		
3/4		3/4		3/4		3/4	3,208.97	3/4	2,958.45	3/4	2,707.73	3/4	2,457.01	3/4	2,204.95	3/4	1,952.84	3/4	1,700.72		
7		7		7		7	3,203.84	7	2,953.22	7	2,702.51	7	2,451.79	7	2,199.70	7	1,947.59	7	1,695.47		
1/4		1/4		1/4		1/4	3,198.72	1/4	2,948.00	1/4	2,697.28	1/4	2,446.56	1/4	2,194.45	1/4	1,942.33	1/4	1,690.22		
1/2		1/2		1/2		1/2	3,193.50	1/2	2,942.78	1/2	2,692.06	1/2	2,441.31	1/2	2,189.20	1/2	1,937.08	1/2	1,684.97		
3/4		3/4		3/4		3/4	3,188.27	3/4	2,937.56	3/4	2,686.84	3/4	2,436.06	3/4	2,183.94	3/4	1,931.83	3/4	1,679.71		
8		8		8		8	3,183.05	8	2,932.33	8	2,681.61	8	2,430.81	8	2,178.69	8	1,926.58	8	1,674.46		
1/4		1/4		1/4		1/4	3,177.83	1/4	2,927.11	1/4	2,676.39	1/4	2,425.56	1/4	2,173.44	1/4	1,921.32	1/4	1,669.21		
1/2		1/2		1/2		1/2	3,172.60	1/2	2,921.89	1/2	2,671.17	1/2	2,420.30	1/2	2,168.19	1/2	1,916.07	1/2	1,663.96		
3/4		3/4		3/4		3/4	3,167.38	3/4	2,916.66	3/4	2,665.94	3/4	2,415.05	3/4	2,162.94	3/4	1,910.82	3/4	1,658.70		
9		9		9		9	3,162.16	9	2,911.44	9	2,660.72	9	2,409.80	9	2,157.68	9	1,905.57	9	1,653.45		
1/4		1/4		1/4		1/4	3,156.93	1/4	2,906.22	1/4	2,655.50	1/4	2,404.55	1/4	2,152.43	1/4	1,900.32	1/4	1,648.20		
1/2		1/2		1/2		1/2	3,151.71	1/2	2,900.99	1/2	2,650.27	1/2	2,399.29	1/2	2,147.18	1/2	1,895.06	1/2	1,642.95		
3/4		3/4		3/4		3/4	3,146.49	3/4	2,895.77	3/4	2,645.05	3/4	2,394.04	3/4	2,141.93	3/4	1,889.81	3/4	1,637.70		
10		10		10		10	3,141.26	10	2,890.55	10	2,639.83	10	2,388.79	10	2,136.67	10	1,884.56	10	1,632.44		
1/4		1/4		1/4		1/4	3,136.04	1/4	2,885.32	1/4	2,634.60	1/4	2,383.54	1/4	2,131.42	1/4	1,879.31	1/4	1,627.19		
1/2		1/2		1/2		1/2	3,130.82	1/2	2,880.10	1/2	2,629.38	1/2	2,378.28	1/2	2,126.17	1/2	1,874.05	1/2	1,621.94		
3/4		3/4		3/4		3/4	3,342.52	3/4	3,125.59	3/4	2,874.88	3/4	2,624.16	3/4	2,373.03	3/4	2,120.92	3/4	1,868.80	3/4	1,616.69
11		11		11		11	3,342.09	11	3,120.37	11	2,869.65	11	2,618.93	11	2,367.78	11	2,115.66	11	1,863.55	11	1,611.43
1/4		1/4		1/4		1/4	3,341.65	1/4	3,115.15	1/4	2,864.43	1/4	2,613.71	1/4	2,362.53	1/4	2,110.41	1/4	1,858.30	1/4	1,606.18
1/2		1/2		1/2		1/2	3,339.90	1/2	3,109.92	1/2	2,859.21	1/2	2,608.49	1/2	2,357.27	1/2	2,105.16	1/2	1,853.04	1/2	1,600.93
3/4		3/4		3/4		3/4	3,338.14	3/4	3,104.70	3/4	2,853.98	3/4	2,603.26	3/4	2,352.02	3/4	2,099.91	3/4	1,847.79	3/4	1,595.68

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 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 10079"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,590.42	0	1,338.30	0	1,086.01	0	834.71	0	583.08	0	330.82	0	78.74	0		0		0	
1/4	1,585.17	1/4	1,333.04	1/4	1,080.75	1/4	829.49	1/4	577.83	1/4	325.56	1/4	73.52	1/4		1/4		1/4	
1/2	1,579.92	1/2	1,327.79	1/2	1,075.50	1/2	824.27	1/2	572.57	1/2	320.30	1/2	68.33	1/2	1/2	1/2		1/2	1/2
3/4	1,574.67	3/4	1,322.53	3/4	1,070.24	3/4	819.05	3/4	567.32	3/4	315.05	3/4	63.14	3/4	3/4	3/4		3/4	3/4
1	1,569.41	1	1,317.27	1	1,064.99	1	813.83	1	562.06	1	309.79	1	57.94	1	1	1		1	1
1/4	1,564.16	1/4	1,312.02	1/4	1,059.73	1/4	808.61	1/4	556.81	1/4	304.54	1/4	52.75	1/4	1/4	1/4		1/4	1/4
1/2	1,558.91	1/2	1,306.76	1/2	1,054.47	1/2	803.39	1/2	551.55	1/2	299.28	1/2	47.61	1/2	1/2	1/2		1/2	1/2
3/4	1,553.66	3/4	1,301.51	3/4	1,049.22	3/4	798.17	3/4	546.29	3/4	294.03	3/4	42.46	3/4	3/4	3/4		3/4	3/4
2	1,548.40	2	1,296.25	2	1,043.96	2	792.95	2	541.04	2	288.77	2	37.32	2	2	2		2	2
1/4	1,543.15	1/4	1,290.99	1/4	1,038.71	1/4	787.73	1/4	535.78	1/4	283.51	1/4	32.18	1/4	1/4	1/4		1/4	1/4
1/2	1,537.90	1/2	1,285.74	1/2	1,033.45	1/2	782.52	1/2	530.53	1/2	278.26	1/2	27.03	1/2	1/2	1/2		1/2	1/2
3/4	1,532.65	3/4	1,280.48	3/4	1,028.19	3/4	777.30	3/4	525.27	3/4	273.00	3/4	21.88	3/4	3/4	3/4		3/4	3/4
3	1,527.39	3	1,275.23	3	1,022.94	3	772.09	3	520.02	3	267.75	3	19.06	3	3	3		3	3
1/4	1,522.14	1/4	1,269.97	1/4	1,017.68	1/4	766.88	1/4	514.76	1/4	262.49	1/4	14.69	1/4	1/4	1/4		1/4	1/4
1/2	1,516.89	1/2	1,264.71	1/2	1,012.43	1/2	761.62	1/2	509.51	1/2	257.24	1/2	12.06	1/2	1/2	1/2		1/2	1/2
3/4	1,511.64	3/4	1,259.46	3/4	1,007.17	3/4	756.37	3/4	504.25	3/4	251.98	3/4	9.44	3/4	3/4	3/4		3/4	3/4
4	1,506.39	4	1,254.20	4	1,001.91	4	751.12	4	498.99	4	246.73	4	6.81	4	4	4		4	4
1/4	1,501.13	1/4	1,248.95	1/4	996.66	1/4	745.87	1/4	493.74	1/4	241.47	1/4	4.18	1/4	1/4	1/4		1/4	1/4
1/2	1,495.88	1/2	1,243.69	1/2	991.40	1/2	740.62	1/2	488.48	1/2	236.21	1/2	3.31	1/2	1/2	1/2		1/2	1/2
3/4	1,490.63	3/4	1,238.43	3/4	986.15	3/4	735.37	3/4	483.23	3/4	230.96	3/4	2.43	3/4	3/4	3/4		3/4	3/4
5	1,485.38	5	1,233.18	5	980.89	5	730.12	5	477.97	5	225.70	5	1.56	5	5	5		5	5
1/4	1,480.12	1/4	1,227.92	1/4	975.63	1/4	724.87	1/4	472.72	1/4	220.45	1/4	0.68	1/4	1/4	1/4		1/4	1/4
1/2	1,474.87	1/2	1,222.67	1/2	970.41	1/2	719.62	1/2	467.46	1/2	215.19	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,469.62	3/4	1,217.41	3/4	965.19	3/4	714.37	3/4	462.21	3/4	209.94	3/4		3/4	3/4	3/4		3/4	3/4
6	1,464.37	6	1,212.15	6	959.98	6	709.12	6	456.95	6	204.68	6		6	6	6		6	6
1/4	1,459.11	1/4	1,206.90	1/4	954.76	1/4	703.87	1/4	451.69	1/4	199.43	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,453.86	1/2	1,201.64	1/2	949.54	1/2	698.62	1/2	446.44	1/2	194.17	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,448.61	3/4	1,196.39	3/4	944.32	3/4	693.37	3/4	441.18	3/4	188.91	3/4		3/4	3/4	3/4		3/4	3/4
7	1,443.36	7	1,191.13	7	939.10	7	688.12	7	435.93	7	183.66	7		7	7	7		7	7
1/4	1,438.10	1/4	1,185.87	1/4	933.88	1/4	682.87	1/4	430.67	1/4	178.40	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,432.85	1/2	1,180.62	1/2	928.66	1/2	677.62	1/2	425.42	1/2	173.15	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,427.60	3/4	1,175.36	3/4	923.44	3/4	672.36	3/4	420.16	3/4	167.89	3/4		3/4	3/4	3/4		3/4	3/4
8	1,422.35	8	1,170.11	8	918.22	8	667.11	8	414.90	8	162.64	8		8	8	8		8	8
1/4	1,417.09	1/4	1,164.85	1/4	913.00	1/4	661.86	1/4	409.65	1/4	157.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,411.84	1/2	1,159.59	1/2	907.78	1/2	656.61	1/2	404.39	1/2	152.13	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,406.59	3/4	1,154.34	3/4	902.56	3/4	651.36	3/4	399.14	3/4	146.87	3/4		3/4	3/4	3/4		3/4	3/4
9	1,401.34	9	1,149.08	9	897.34	9	646.11	9	393.88	9	141.62	9		9	9	9		9	9
1/4	1,396.08	1/4	1,143.83	1/4	892.12	1/4	640.86	1/4	388.63	1/4	136.36	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,390.83	1/2	1,138.57	1/2	886.90	1/2	635.61	1/2	383.37	1/2	131.11	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,385.58	3/4	1,133.31	3/4	881.68	3/4	630.36	3/4	378.12	3/4	125.86	3/4		3/4	3/4	3/4		3/4	3/4
10	1,380.33	10	1,128.06	10	876.46	10	625.11	10	372.86	10	120.61	10		10	10	10		10	10
1/4	1,375.08	1/4	1,122.80	1/4	871.24	1/4	619.86	1/4	367.60	1/4	115.36	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,369.82	1/2	1,117.55	1/2	866.02	1/2	614.61	1/2	362.35	1/2	110.12	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,364.57	3/4	1,112.29	3/4	860.80	3/4	609.35	3/4	357.09	3/4	104.88	3/4		3/4	3/4	3/4		3/4	3/4
11	1,359.32	11	1,107.03	11	855.59	11	604.10	11	351.84	11	99.64	11		11	11	11		11	11
1/4	1,354.07	1/4	1,101.78	1/4	850.37	1/4	598.85	1/4	346.58	1/4	94.40	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,348.81	1/2	1,096.52	1/2	845.15	1/2	593.59	1/2	341.33	1/2	89.18	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,343.55	3/4	1,091.27	3/4	839.93	3/4	588.34	3/4	336.07	3/4	83.96	3/4		3/4	3/4	3/4		3/4	3/4

STRAPPED: 01/28/2010 CL - SW  
CALCULATED: 01/28/2010 CL  
PRINTED: 01/28/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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