



BARGE "KIRBY 10225"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	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 CENTER	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 1 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

October 4, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10225"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,784.12	0	3,556.22	0	3,302.83	0	3,049.45	0	2,789.48	0	2,493.25	0	2,196.33
1/4		1/4		1/4		1/4	3,783.60	1/4	3,550.94	1/4	3,297.55	1/4	3,044.17	1/4	2,783.31	1/4	2,487.07	1/4	2,190.14
1/2		1/2		1/2		1/2	3,781.53	1/2	3,545.66	1/2	3,292.28	1/2	3,038.89	1/2	2,777.14	1/2	2,480.88	1/2	2,183.96
3/4		3/4		3/4		3/4	3,779.46	3/4	3,540.38	3/4	3,287.00	3/4	3,033.61	3/4	2,770.98	3/4	2,474.69	3/4	2,177.77
1		1		1		1	3,777.39	1	3,535.11	1	3,281.72	1	3,028.33	1	2,764.81	1	2,468.51	1	2,171.59
1/4		1/4		1/4		1/4	3,775.32	1/4	3,529.83	1/4	3,276.44	1/4	3,023.05	1/4	2,758.64	1/4	2,462.32	1/4	2,165.40
1/2		1/2		1/2		1/2	3,771.18	1/2	3,524.55	1/2	3,271.16	1/2	3,017.77	1/2	2,752.47	1/2	2,456.14	1/2	2,159.21
3/4		3/4		3/4		3/4	3,767.04	3/4	3,519.27	3/4	3,265.88	3/4	3,012.49	3/4	2,746.31	3/4	2,449.95	3/4	2,153.03
2		2		2		2	3,762.90	2	3,513.99	2	3,260.60	2	3,007.22	2	2,740.14	2	2,443.76	2	2,146.84
1/4		1/4		1/4		1/4	3,758.76	1/4	3,508.71	1/4	3,255.32	1/4	3,001.94	1/4	2,733.97	1/4	2,437.58	1/4	2,140.66
1/2		1/2		1/2		1/2	3,753.85	1/2	3,503.43	1/2	3,250.04	1/2	2,996.66	1/2	2,727.81	1/2	2,431.39	1/2	2,134.47
3/4		3/4		3/4		3/4	3,748.95	3/4	3,498.15	3/4	3,244.77	3/4	2,991.38	3/4	2,721.64	3/4	2,425.21	3/4	2,128.28
3		3		3		3	3,744.05	3	3,492.87	3	3,239.49	3	2,986.10	3	2,715.47	3	2,419.02	3	2,122.10
1/4		1/4		1/4		1/4	3,739.15	1/4	3,487.60	1/4	3,234.21	1/4	2,980.82	1/4	2,709.31	1/4	2,412.84	1/4	2,115.91
1/2		1/2		1/2		1/2	3,733.98	1/2	3,482.32	1/2	3,228.93	1/2	2,975.54	1/2	2,703.14	1/2	2,406.65	1/2	2,109.73
3/4		3/4		3/4		3/4	3,728.82	3/4	3,477.04	3/4	3,223.65	3/4	2,970.26	3/4	2,696.97	3/4	2,400.46	3/4	2,103.54
4		4		4		4	3,723.65	4	3,471.76	4	3,218.37	4	2,964.98	4	2,690.80	4	2,394.28	4	2,097.35
1/4		1/4		1/4		1/4	3,718.48	1/4	3,466.48	1/4	3,213.09	1/4	2,959.71	1/4	2,684.64	1/4	2,388.09	1/4	2,091.17
1/2		1/2		1/2		1/2	3,713.29	1/2	3,461.20	1/2	3,207.81	1/2	2,954.43	1/2	2,678.47	1/2	2,381.91	1/2	2,084.98
3/4		3/4		3/4		3/4	3,708.10	3/4	3,455.92	3/4	3,202.53	3/4	2,949.15	3/4	2,672.30	3/4	2,375.72	3/4	2,078.80
5		5		5		5	3,702.91	5	3,450.64	5	3,197.26	5	2,943.87	5	2,666.14	5	2,369.53	5	2,072.61
1/4		1/4		1/4		1/4	3,697.72	1/4	3,445.36	1/4	3,191.98	1/4	2,938.59	1/4	2,659.97	1/4	2,363.35	1/4	2,066.43
1/2		1/2		1/2		1/2	3,692.52	1/2	3,440.08	1/2	3,186.70	1/2	2,933.31	1/2	2,653.80	1/2	2,357.16	1/2	2,060.24
3/4		3/4		3/4		3/4	3,687.33	3/4	3,434.81	3/4	3,181.42	3/4	2,928.03	3/4	2,647.64	3/4	2,350.98	3/4	2,054.05
6		6		6		6	3,682.14	6	3,429.53	6	3,176.14	6	2,922.75	6	2,641.47	6	2,344.79	6	2,047.87
1/4		1/4		1/4		1/4	3,676.94	1/4	3,424.25	1/4	3,170.86	1/4	2,917.47	1/4	2,635.30	1/4	2,338.60	1/4	2,041.68
1/2		1/2		1/2		1/2	3,671.75	1/2	3,418.97	1/2	3,165.58	1/2	2,912.19	1/2	2,629.13	1/2	2,332.42	1/2	2,035.50
3/4		3/4		3/4		3/4	3,666.56	3/4	3,413.69	3/4	3,160.30	3/4	2,906.92	3/4	2,622.97	3/4	2,326.23	3/4	2,029.31
7		7		7		7	3,661.37	7	3,408.41	7	3,155.02	7	2,901.64	7	2,616.80	7	2,320.05	7	2,023.12
1/4		1/4		1/4		1/4	3,656.17	1/4	3,403.13	1/4	3,149.75	1/4	2,896.36	1/4	2,610.63	1/4	2,313.86	1/4	2,016.94
1/2		1/2		1/2		1/2	3,650.98	1/2	3,397.85	1/2	3,144.47	1/2	2,891.08	1/2	2,604.47	1/2	2,307.68	1/2	2,010.75
3/4		3/4		3/4		3/4	3,645.79	3/4	3,392.57	3/4	3,139.19	3/4	2,885.80	3/4	2,598.30	3/4	2,301.49	3/4	2,004.57
8		8		8		8	3,640.60	8	3,387.30	8	3,133.91	8	2,880.52	8	2,592.13	8	2,295.30	8	1,998.38
1/4		1/4		1/4		1/4	3,635.40	1/4	3,382.02	1/4	3,128.63	1/4	2,875.24	1/4	2,585.97	1/4	2,289.12	1/4	1,992.19
1/2		1/2		1/2		1/2	3,630.13	1/2	3,376.74	1/2	3,123.35	1/2	2,869.94	1/2	2,579.80	1/2	2,282.93	1/2	1,986.01
3/4		3/4		3/4		3/4	3,624.85	3/4	3,371.46	3/4	3,118.07	3/4	2,864.63	3/4	2,573.63	3/4	2,276.75	3/4	1,979.82
9		9		9		9	3,619.57	9	3,366.18	9	3,112.79	9	2,859.33	9	2,567.46	9	2,270.56	9	1,973.64
1/4		1/4		1/4		1/4	3,614.29	1/4	3,360.90	1/4	3,107.51	1/4	2,854.03	1/4	2,561.30	1/4	2,264.37	1/4	1,967.45
1/2		1/2		1/2		1/2	3,609.01	1/2	3,355.62	1/2	3,102.24	1/2	2,848.72	1/2	2,555.11	1/2	2,258.19	1/2	1,961.26
3/4		3/4		3/4		3/4	3,603.73	3/4	3,350.34	3/4	3,096.96	3/4	2,843.42	3/4	2,548.93	3/4	2,252.00	3/4	1,955.08
10		10		10		10	3,598.45	10	3,345.06	10	3,091.68	10	2,838.12	10	2,542.74	10	2,245.82	10	1,948.89
1/4		1/4		1/4		1/4	3,593.17	1/4	3,339.79	1/4	3,086.40	1/4	2,832.81	1/4	2,536.55	1/4	2,239.63	1/4	1,942.71
1/2		1/2		1/2		1/2	3,587.89	1/2	3,334.51	1/2	3,081.12	1/2	2,826.60	1/2	2,530.37	1/2	2,233.44	1/2	1,936.52
3/4		3/4		3/4		3/4	3,582.62	3/4	3,329.23	3/4	3,075.84	3/4	2,820.39	3/4	2,524.18	3/4	2,227.26	3/4	1,930.34
11		11		11		11	3,577.34	11	3,323.95	11	3,070.56	11	2,814.19	11	2,518.00	11	2,221.07	11	1,924.15
1/4		1/4		1/4		1/4	3,572.06	1/4	3,318.67	1/4	3,065.28	1/4	2,807.98	1/4	2,511.81	1/4	2,214.89	1/4	1,917.96
1/2		1/2		1/2		1/2	3,566.78	1/2	3,313.39	1/2	3,060.00	1/2	2,801.81	1/2	2,505.62	1/2	2,208.70	1/2	1,911.78
3/4		3/4		3/4		3/4	3,784.64	3/4	3,561.50	3/4	3,308.11	3/4	3,054.73	3/4	2,795.64	3/4	2,499.44	3/4	2,202.51

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 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10225"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,899.41	0	1,602.26	0	1,304.93	0	1,007.59	0	716.21	0	418.85	0	121.31	0		0		0	
1/4	1,893.22	1/4	1,596.07	1/4	1,298.73	1/4	1,001.40	1/4	710.11	1/4	412.65	1/4	115.12	1/4		1/4		1/4	
1/2	1,887.03	1/2	1,589.87	1/2	1,292.54	1/2	995.20	1/2	703.93	1/2	406.45	1/2	108.94	1/2		1/2		1/2	
3/4	1,880.85	3/4	1,583.68	3/4	1,286.34	3/4	989.01	3/4	697.75	3/4	400.25	3/4	102.77	3/4		3/4		3/4	
1	1,874.66	1	1,577.48	1	1,280.15	1	982.81	1	691.57	1	394.05	1	96.60	1		1		1	
1/4	1,868.48	1/4	1,571.29	1/4	1,273.95	1/4	976.62	1/4	685.39	1/4	387.85	1/4	90.43	1/4		1/4		1/4	
1/2	1,862.29	1/2	1,565.09	1/2	1,267.76	1/2	970.49	1/2	679.19	1/2	381.65	1/2	84.29	1/2		1/2		1/2	
3/4	1,856.10	3/4	1,558.90	3/4	1,261.56	3/4	964.35	3/4	672.99	3/4	375.46	3/4	78.15	3/4		3/4		3/4	
2	1,849.92	2	1,552.71	2	1,255.37	2	958.22	2	666.79	2	369.26	2	72.02	2		2		2	
1/4	1,843.73	1/4	1,546.51	1/4	1,249.18	1/4	952.09	1/4	660.60	1/4	363.06	1/4	65.88	1/4		1/4		1/4	
1/2	1,837.55	1/2	1,540.32	1/2	1,242.98	1/2	946.02	1/2	654.40	1/2	356.86	1/2	59.79	1/2		1/2		1/2	
3/4	1,831.36	3/4	1,534.12	3/4	1,236.79	3/4	939.95	3/4	648.20	3/4	350.66	3/4	53.71	3/4		3/4		3/4	
3	1,825.17	3	1,527.93	3	1,230.59	3	933.89	3	642.00	3	344.46	3	47.63	3		3		3	
1/4	1,818.99	1/4	1,521.73	1/4	1,224.40	1/4	927.82	1/4	635.81	1/4	338.26	1/4	41.55	1/4		1/4		1/4	
1/2	1,812.79	1/2	1,515.54	1/2	1,218.20	1/2	921.75	1/2	629.61	1/2	332.06	1/2	36.38	1/2		1/2		1/2	
3/4	1,806.60	3/4	1,509.34	3/4	1,212.01	3/4	915.68	3/4	623.41	3/4	325.87	3/4	31.22	3/4		3/4		3/4	
4	1,800.41	4	1,503.15	4	1,205.81	4	909.62	4	617.21	4	319.67	4	26.05	4		4		4	
1/4	1,794.21	1/4	1,496.96	1/4	1,199.62	1/4	903.55	1/4	611.01	1/4	313.47	1/4	20.88	1/4		1/4		1/4	
1/2	1,788.02	1/2	1,490.76	1/2	1,193.42	1/2	897.50	1/2	604.81	1/2	307.27	1/2	17.78	1/2		1/2		1/2	
3/4	1,781.82	3/4	1,484.57	3/4	1,187.23	3/4	891.45	3/4	598.61	3/4	301.07	3/4	14.67	3/4		3/4		3/4	
5	1,775.63	5	1,478.37	5	1,181.04	5	885.40	5	592.41	5	294.87	5	11.57	5		5		5	
1/4	1,769.43	1/4	1,472.18	1/4	1,174.84	1/4	879.34	1/4	586.21	1/4	288.67	1/4	8.46	1/4		1/4		1/4	
1/2	1,763.24	1/2	1,465.98	1/2	1,168.65	1/2	873.31	1/2	580.02	1/2	282.47	1/2	7.43	1/2		1/2		1/2	
3/4	1,757.05	3/4	1,459.79	3/4	1,162.45	3/4	867.27	3/4	573.82	3/4	276.27	3/4	6.39	3/4		3/4		3/4	
6	1,750.85	6	1,453.59	6	1,156.26	6	861.24	6	567.62	6	270.08	6	5.36	6		6		6	
1/4	1,744.66	1/4	1,447.40	1/4	1,150.06	1/4	855.20	1/4	561.42	1/4	263.88	1/4	4.32	1/4		1/4		1/4	
1/2	1,738.46	1/2	1,441.20	1/2	1,143.87	1/2	849.17	1/2	555.22	1/2	257.68	1/2		1/2		1/2		1/2	
3/4	1,732.27	3/4	1,435.01	3/4	1,137.67	3/4	843.13	3/4	549.02	3/4	251.48	3/4		3/4		3/4		3/4	
7	1,726.08	7	1,428.82	7	1,131.48	7	837.10	7	542.82	7	245.28	7		7		7		7	
1/4	1,719.89	1/4	1,422.62	1/4	1,125.29	1/4	831.06	1/4	536.62	1/4	239.08	1/4		1/4		1/4		1/4	
1/2	1,713.70	1/2	1,416.43	1/2	1,119.09	1/2	825.03	1/2	530.43	1/2	232.88	1/2		1/2		1/2		1/2	
3/4	1,707.51	3/4	1,410.23	3/4	1,112.90	3/4	818.99	3/4	524.23	3/4	226.68	3/4		3/4		3/4		3/4	
8	1,701.31	8	1,404.04	8	1,106.70	8	812.96	8	518.03	8	220.49	8		8		8		8	
1/4	1,695.12	1/4	1,397.84	1/4	1,100.51	1/4	806.92	1/4	511.83	1/4	214.29	1/4		1/4		1/4		1/4	
1/2	1,688.93	1/2	1,391.65	1/2	1,094.31	1/2	800.89	1/2	505.63	1/2	208.09	1/2		1/2		1/2		1/2	
3/4	1,682.74	3/4	1,385.45	3/4	1,088.12	3/4	794.85	3/4	499.43	3/4	201.89	3/4		3/4		3/4		3/4	
9	1,676.55	9	1,379.26	9	1,081.92	9	788.82	9	493.23	9	195.69	9		9		9		9	
1/4	1,670.36	1/4	1,373.07	1/4	1,075.73	1/4	782.78	1/4	487.03	1/4	189.49	1/4		1/4		1/4		1/4	
1/2	1,664.17	1/2	1,366.87	1/2	1,069.53	1/2	776.75	1/2	480.84	1/2	183.29	1/2		1/2		1/2		1/2	
3/4	1,657.98	3/4	1,360.68	3/4	1,063.34	3/4	770.71	3/4	474.64	3/4	177.10	3/4		3/4		3/4		3/4	
10	1,651.79	10	1,354.48	10	1,057.15	10	764.68	10	468.44	10	170.90	10		10		10		10	
1/4	1,645.60	1/4	1,348.29	1/4	1,050.95	1/4	758.64	1/4	462.24	1/4	164.70	1/4		1/4		1/4		1/4	
1/2	1,639.40	1/2	1,342.09	1/2	1,044.76	1/2	752.61	1/2	456.04	1/2	158.50	1/2		1/2		1/2		1/2	
3/4	1,633.21	3/4	1,335.90	3/4	1,038.56	3/4	746.57	3/4	449.84	3/4	152.29	3/4		3/4		3/4		3/4	
11	1,627.02	11	1,329.70	11	1,032.37	11	740.54	11	443.64	11	146.09	11		11		11		11	
1/4	1,620.83	1/4	1,323.51	1/4	1,026.17	1/4	734.50	1/4	437.44	1/4	139.88	1/4		1/4		1/4		1/4	
1/2	1,614.64	1/2	1,317.31	1/2	1,019.98	1/2	728.41	1/2	431.24	1/2	133.69	1/2		1/2		1/2		1/2	
3/4	1,608.45	3/4	1,311.12	3/4	1,013.78	3/4	722.31	3/4	425.05	3/4	127.50	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2010 CL - SW
CALCULATED: 10/04/2010 CL
PRINTED: 10/04/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2010

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



BARGE "KIRBY 10225"

2 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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,486.66	0	3,249.88	0	2,987.92	0	2,725.96	0	2,463.54	0	2,200.19	0	1,936.85
1/4		1/4		1/4		1/4	3,484.83	1/4	3,244.43	1/4	2,982.47	1/4	2,720.51	1/4	2,458.06	1/4	2,194.71	1/4	1,931.36
1/2		1/2		1/2		1/2	3,483.00	1/2	3,238.97	1/2	2,977.01	1/2	2,715.05	1/2	2,452.57	1/2	2,189.22	1/2	1,925.87
3/4		3/4		3/4		3/4	3,481.17	3/4	3,233.51	3/4	2,971.55	3/4	2,709.59	3/4	2,447.08	3/4	2,183.74	3/4	1,920.39
1		1		1		1	3,479.34	1	3,228.05	1	2,966.09	1	2,704.13	1	2,441.60	1	2,178.25	1	1,914.90
1/4		1/4		1/4		1/4	3,475.68	1/4	3,222.60	1/4	2,960.64	1/4	2,698.68	1/4	2,436.11	1/4	2,172.76	1/4	1,909.42
1/2		1/2		1/2		1/2	3,472.02	1/2	3,217.14	1/2	2,955.18	1/2	2,693.22	1/2	2,430.62	1/2	2,167.28	1/2	1,903.93
3/4		3/4		3/4		3/4	3,468.36	3/4	3,211.68	3/4	2,949.72	3/4	2,687.76	3/4	2,425.14	3/4	2,161.79	3/4	1,898.44
2		2		2		2	3,464.70	2	3,206.22	2	2,944.26	2	2,682.30	2	2,419.65	2	2,156.30	2	1,892.96
1/4		1/4		1/4		1/4	3,459.60	1/4	3,200.77	1/4	2,938.81	1/4	2,676.85	1/4	2,414.16	1/4	2,150.82	1/4	1,887.47
1/2		1/2		1/2		1/2	3,454.50	1/2	3,195.31	1/2	2,933.35	1/2	2,671.39	1/2	2,408.68	1/2	2,145.33	1/2	1,881.98
3/4		3/4		3/4		3/4	3,449.39	3/4	3,189.85	3/4	2,927.89	3/4	2,665.93	3/4	2,403.19	3/4	2,139.84	3/4	1,876.50
3		3		3		3	3,444.29	3	3,184.39	3	2,922.43	3	2,660.47	3	2,397.71	3	2,134.36	3	1,871.01
1/4		1/4		1/4		1/4	3,438.95	1/4	3,178.94	1/4	2,916.98	1/4	2,655.02	1/4	2,392.22	1/4	2,128.87	1/4	1,865.52
1/2		1/2		1/2		1/2	3,433.62	1/2	3,173.48	1/2	2,911.52	1/2	2,649.56	1/2	2,386.73	1/2	2,123.39	1/2	1,860.04
3/4		3/4		3/4		3/4	3,428.28	3/4	3,168.02	3/4	2,906.06	3/4	2,644.10	3/4	2,381.25	3/4	2,117.90	3/4	1,854.55
4		4		4		4	3,422.94	4	3,162.56	4	2,900.60	4	2,638.64	4	2,375.76	4	2,112.41	4	1,849.07
1/4		1/4		1/4		1/4	3,417.58	1/4	3,157.11	1/4	2,895.15	1/4	2,633.19	1/4	2,370.27	1/4	2,106.93	1/4	1,843.58
1/2		1/2		1/2		1/2	3,412.23	1/2	3,151.65	1/2	2,889.69	1/2	2,627.73	1/2	2,364.79	1/2	2,101.44	1/2	1,838.09
3/4		3/4		3/4		3/4	3,406.87	3/4	3,146.19	3/4	2,884.23	3/4	2,622.27	3/4	2,359.30	3/4	2,095.95	3/4	1,832.61
5		5		5		5	3,401.52	5	3,140.73	5	2,878.77	5	2,616.81	5	2,353.81	5	2,090.47	5	1,827.12
1/4		1/4		1/4		1/4	3,396.16	1/4	3,135.28	1/4	2,873.32	1/4	2,611.36	1/4	2,348.33	1/4	2,084.98	1/4	1,821.63
1/2		1/2		1/2		1/2	3,390.79	1/2	3,129.82	1/2	2,867.86	1/2	2,605.90	1/2	2,342.84	1/2	2,079.49	1/2	1,816.15
3/4		3/4		3/4		3/4	3,385.43	3/4	3,124.36	3/4	2,862.40	3/4	2,600.44	3/4	2,337.35	3/4	2,074.01	3/4	1,810.66
6		6		6		6	3,380.07	6	3,118.90	6	2,856.94	6	2,594.98	6	2,331.87	6	2,068.52	6	1,805.17
1/4		1/4		1/4		1/4	3,374.71	1/4	3,113.45	1/4	2,851.49	1/4	2,589.53	1/4	2,326.38	1/4	2,063.03	1/4	1,799.69
1/2		1/2		1/2		1/2	3,369.35	1/2	3,107.99	1/2	2,846.03	1/2	2,584.07	1/2	2,320.90	1/2	2,057.55	1/2	1,794.20
3/4		3/4		3/4		3/4	3,364.00	3/4	3,102.53	3/4	2,840.57	3/4	2,578.61	3/4	2,315.41	3/4	2,052.06	3/4	1,788.71
7		7		7		7	3,358.64	7	3,097.07	7	2,835.11	7	2,573.15	7	2,309.92	7	2,046.58	7	1,783.23
1/4		1/4		1/4		1/4	3,353.28	1/4	3,091.62	1/4	2,829.66	1/4	2,567.70	1/4	2,304.44	1/4	2,041.09	1/4	1,777.74
1/2		1/2		1/2		1/2	3,347.92	1/2	3,086.16	1/2	2,824.20	1/2	2,562.24	1/2	2,298.95	1/2	2,035.60	1/2	1,772.26
3/4		3/4		3/4		3/4	3,342.56	3/4	3,080.70	3/4	2,818.74	3/4	2,556.78	3/4	2,293.46	3/4	2,030.12	3/4	1,766.77
8		8		8		8	3,337.20	8	3,075.24	8	2,813.28	8	2,551.32	8	2,287.98	8	2,024.63	8	1,761.28
1/4		1/4		1/4		1/4	3,331.75	1/4	3,069.79	1/4	2,807.83	1/4	2,545.84	1/4	2,282.49	1/4	2,019.14	1/4	1,755.80
1/2		1/2		1/2		1/2	3,326.29	1/2	3,064.33	1/2	2,802.37	1/2	2,540.35	1/2	2,277.00	1/2	2,013.66	1/2	1,750.31
3/4		3/4		3/4		3/4	3,320.83	3/4	3,058.87	3/4	2,796.91	3/4	2,534.87	3/4	2,271.52	3/4	2,008.17	3/4	1,744.82
9		9		9		9	3,315.37	9	3,053.41	9	2,791.45	9	2,529.38	9	2,266.03	9	2,002.68	9	1,739.34
1/4		1/4		1/4		1/4	3,309.92	1/4	3,047.96	1/4	2,786.00	1/4	2,523.89	1/4	2,260.55	1/4	1,997.20	1/4	1,733.85
1/2		1/2		1/2		1/2	3,304.46	1/2	3,042.50	1/2	2,780.54	1/2	2,518.41	1/2	2,255.06	1/2	1,991.71	1/2	1,728.36
3/4		3/4		3/4		3/4	3,299.00	3/4	3,037.04	3/4	2,775.08	3/4	2,512.92	3/4	2,249.57	3/4	1,986.23	3/4	1,722.88
10		10		10		10	3,293.54	10	3,031.58	10	2,769.62	10	2,507.43	10	2,244.09	10	1,980.74	10	1,717.39
1/4		1/4		1/4		1/4	3,288.09	1/4	3,026.13	1/4	2,764.17	1/4	2,501.95	1/4	2,238.60	1/4	1,975.25	1/4	1,711.91
1/2		1/2		1/2		1/2	3,282.63	1/2	3,020.67	1/2	2,758.71	1/2	2,496.46	1/2	2,233.11	1/2	1,969.77	1/2	1,706.42
3/4		3/4		3/4		3/4	3,277.17	3/4	3,015.21	3/4	2,753.25	3/4	2,490.97	3/4	2,227.63	3/4	1,964.28	3/4	1,700.93
11		11		11		11	3,271.71	11	3,009.75	11	2,747.79	11	2,485.49	11	2,222.14	11	1,958.79	11	1,695.45
1/4		1/4		1/4		1/4	3,266.26	1/4	3,004.30	1/4	2,742.34	1/4	2,480.00	1/4	2,216.65	1/4	1,953.31	1/4	1,689.96
1/2		1/2		1/2		1/2	3,487.58	1/2	3,260.80	1/2	2,998.84	1/2	2,736.88	1/2	2,474.51	1/2	2,211.17	1/2	1,947.82
3/4		3/4		3/4		3/4	3,487.12	3/4	3,255.34	3/4	2,993.38	3/4	2,731.42	3/4	2,469.03	3/4	2,205.68	3/4	1,942.33

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 10225"

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	1,673.50	0	1,410.15	0	1,146.62	0	884.96	0	625.52	0	362.02	0	98.61	0		0			
1/4	1,668.01	1/4	1,404.66	1/4	1,141.13	1/4	879.56	1/4	620.04	1/4	356.53	1/4	93.16	1/4		1/4			
1/2	1,662.53	1/2	1,399.17	1/2	1,135.64	1/2	874.15	1/2	614.55	1/2	351.05	1/2	87.70	1/2		1/2			
3/4	1,657.04	3/4	1,393.68	3/4	1,130.15	3/4	868.75	3/4	609.06	3/4	345.56	3/4	82.25	3/4		3/4			
1	1,651.55	1	1,388.19	1	1,124.66	1	863.34	1	603.57	1	340.07	1	76.79	1		1			
1/4	1,646.07	1/4	1,382.70	1/4	1,119.17	1/4	857.94	1/4	598.08	1/4	334.58	1/4	71.37	1/4		1/4			
1/2	1,640.58	1/2	1,377.21	1/2	1,113.68	1/2	852.53	1/2	592.59	1/2	329.09	1/2	65.94	1/2		1/2			
3/4	1,635.10	3/4	1,371.72	3/4	1,108.19	3/4	847.13	3/4	587.10	3/4	323.60	3/4	60.51	3/4		3/4			
2	1,629.61	2	1,366.23	2	1,102.70	2	841.72	2	581.61	2	318.11	2	55.09	2		2			
1/4	1,624.12	1/4	1,360.74	1/4	1,097.21	1/4	836.32	1/4	576.12	1/4	312.62	1/4	49.71	1/4		1/4			
1/2	1,618.64	1/2	1,355.25	1/2	1,091.72	1/2	830.91	1/2	570.63	1/2	307.13	1/2	44.33	1/2		1/2			
3/4	1,613.15	3/4	1,349.76	3/4	1,086.23	3/4	825.51	3/4	565.14	3/4	301.64	3/4	38.96	3/4		3/4			
3	1,607.66	3	1,344.27	3	1,080.74	3	820.10	3	559.65	3	296.15	3	33.58	3		3			
1/4	1,602.18	1/4	1,338.78	1/4	1,075.25	1/4	814.70	1/4	554.16	1/4	290.66	1/4	29.02	1/4		1/4			
1/2	1,596.69	1/2	1,333.29	1/2	1,069.76	1/2	809.30	1/2	548.67	1/2	285.17	1/2	24.45	1/2		1/2			
3/4	1,591.20	3/4	1,327.80	3/4	1,064.27	3/4	803.90	3/4	543.18	3/4	279.68	3/4	19.88	3/4		3/4			
4	1,585.72	4	1,322.31	4	1,058.78	4	798.50	4	537.70	4	274.19	4	15.32	4		4			
1/4	1,580.23	1/4	1,316.82	1/4	1,053.29	1/4	793.10	1/4	532.21	1/4	268.70	1/4	12.57	1/4		1/4			
1/2	1,574.75	1/2	1,311.33	1/2	1,047.80	1/2	787.70	1/2	526.72	1/2	263.21	1/2	9.83	1/2		1/2			
3/4	1,569.26	3/4	1,305.84	3/4	1,042.31	3/4	782.30	3/4	521.23	3/4	257.72	3/4	7.08	3/4		3/4			
5	1,563.77	5	1,300.35	5	1,036.82	5	776.90	5	515.74	5	252.23	5	4.34	5		5			
1/4	1,558.29	1/4	1,294.86	1/4	1,031.33	1/4	771.50	1/4	510.25	1/4	246.74	1/4	3.42	1/4		1/4			
1/2	1,552.80	1/2	1,289.37	1/2	1,025.84	1/2	766.10	1/2	504.76	1/2	241.25	1/2	2.51	1/2		1/2			
3/4	1,547.31	3/4	1,283.88	3/4	1,020.35	3/4	760.70	3/4	499.27	3/4	235.76	3/4	1.59	3/4		3/4			
6	1,541.83	6	1,278.39	6	1,014.86	6	755.30	6	493.78	6	230.27	6	0.68	6		6			
1/4	1,536.34	1/4	1,272.90	1/4	1,009.41	1/4	749.90	1/4	488.29	1/4	224.78	1/4		1/4		1/4			
1/2	1,530.85	1/2	1,267.41	1/2	1,003.96	1/2	744.50	1/2	482.80	1/2	219.29	1/2		1/2		1/2			
3/4	1,525.37	3/4	1,261.92	3/4	998.52	3/4	739.10	3/4	477.31	3/4	213.80	3/4		3/4		3/4			
7	1,519.88	7	1,256.43	7	993.07	7	733.70	7	471.82	7	208.31	7		7		7			
1/4	1,514.39	1/4	1,250.94	1/4	987.67	1/4	728.30	1/4	466.33	1/4	202.82	1/4		1/4		1/4			
1/2	1,508.91	1/2	1,245.45	1/2	982.26	1/2	722.90	1/2	460.84	1/2	197.33	1/2		1/2		1/2			
3/4	1,503.42	3/4	1,239.96	3/4	976.85	3/4	717.50	3/4	455.35	3/4	191.84	3/4		3/4		3/4			
8	1,497.94	8	1,234.47	8	971.45	8	712.10	8	449.86	8	186.35	8		8		8			
1/4	1,492.45	1/4	1,228.98	1/4	966.04	1/4	706.70	1/4	444.37	1/4	180.86	1/4		1/4		1/4			
1/2	1,486.96	1/2	1,223.49	1/2	960.64	1/2	701.30	1/2	438.88	1/2	175.37	1/2		1/2		1/2			
3/4	1,481.48	3/4	1,218.00	3/4	955.23	3/4	695.90	3/4	433.39	3/4	169.89	3/4		3/4		3/4			
9	1,475.99	9	1,212.51	9	949.83	9	690.50	9	427.90	9	164.40	9		9		9			
1/4	1,470.50	1/4	1,207.02	1/4	944.42	1/4	685.10	1/4	422.41	1/4	158.91	1/4		1/4		1/4			
1/2	1,465.02	1/2	1,201.53	1/2	939.02	1/2	679.70	1/2	416.92	1/2	153.42	1/2		1/2		1/2			
3/4	1,459.53	3/4	1,196.04	3/4	933.61	3/4	674.30	3/4	411.43	3/4	147.93	3/4		3/4		3/4			
10	1,454.04	10	1,190.55	10	928.21	10	668.90	10	405.94	10	142.44	10		10		10			
1/4	1,448.56	1/4	1,185.05	1/4	922.80	1/4	663.51	1/4	400.45	1/4	136.96	1/4		1/4		1/4			
1/2	1,443.07	1/2	1,179.56	1/2	917.40	1/2	658.11	1/2	394.96	1/2	131.47	1/2		1/2		1/2			
3/4	1,437.59	3/4	1,174.07	3/4	911.99	3/4	652.71	3/4	389.47	3/4	125.99	3/4		3/4		3/4			
11	1,432.10	11	1,168.58	11	906.59	11	647.31	11	383.98	11	120.50	11		11		11			
1/4	1,426.61	1/4	1,163.09	1/4	901.18	1/4	641.86	1/4	378.49	1/4	115.03	1/4		1/4		1/4			
1/2	1,421.13	1/2	1,157.60	1/2	895.78	1/2	636.42	1/2	373.00	1/2	109.56	1/2		1/2		1/2			
3/4	1,415.64	3/4	1,152.11	3/4	890.37	3/4	630.97	3/4	367.51	3/4	104.08	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2010 CL - SW
CALCULATED: 10/04/2010 CL
PRINTED: 10/04/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2010

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



BARGE "KIRBY 10225"

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.		
0	0	0	0	0	0	3,460.57	0	3,214.72	0	2,954.64	0	2,694.56	0	2,433.93	0	2,172.45	0	1,910.98		
1/4	1/4	1/4	1/4	1/4	1/4	3,458.75	1/4	3,209.30	1/4	2,949.22	1/4	2,689.14	1/4	2,428.48	1/4	2,167.01	1/4	1,905.53		
1/2	1/2	1/2	1/2	1/2	1/2	3,455.12	1/2	3,203.88	1/2	2,943.80	1/2	2,683.72	1/2	2,423.03	1/2	2,161.56	1/2	1,900.08		
3/4	3/4	3/4	3/4	3/4	3/4	3,451.48	3/4	3,198.46	3/4	2,938.38	3/4	2,678.31	3/4	2,417.59	3/4	2,156.11	3/4	1,894.64		
1	1	1	1	1	1	3,447.85	1	3,193.04	1	2,932.97	1	2,672.89	1	2,412.14	1	2,150.66	1	1,889.19		
1/4	1/4	1/4	1/4	1/4	1/4	3,444.21	1/4	3,187.63	1/4	2,927.55	1/4	2,667.47	1/4	2,406.69	1/4	2,145.22	1/4	1,883.74		
1/2	1/2	1/2	1/2	1/2	1/2	3,439.15	1/2	3,182.21	1/2	2,922.13	1/2	2,662.05	1/2	2,401.24	1/2	2,139.77	1/2	1,878.29		
3/4	3/4	3/4	3/4	3/4	3/4	3,434.08	3/4	3,176.79	3/4	2,916.71	3/4	2,656.63	3/4	2,395.80	3/4	2,134.32	3/4	1,872.85		
2	2	2	2	2	2	3,429.02	2	3,171.37	2	2,911.29	2	2,651.21	2	2,390.35	2	2,128.87	2	1,867.40		
1/4	1/4	1/4	1/4	1/4	1/4	3,423.95	1/4	3,165.95	1/4	2,905.87	1/4	2,645.80	1/4	2,384.90	1/4	2,123.43	1/4	1,861.95		
1/2	1/2	1/2	1/2	1/2	1/2	3,418.65	1/2	3,160.53	1/2	2,900.46	1/2	2,640.38	1/2	2,379.46	1/2	2,117.98	1/2	1,856.50		
3/4	3/4	3/4	3/4	3/4	3/4	3,413.36	3/4	3,155.12	3/4	2,895.04	3/4	2,634.96	3/4	2,374.01	3/4	2,112.53	3/4	1,851.06		
3	3	3	3	3	3	3,408.06	3	3,149.70	3	2,889.62	3	2,629.54	3	2,368.56	3	2,107.09	3	1,845.61		
1/4	1/4	1/4	1/4	1/4	1/4	3,402.76	1/4	3,144.28	1/4	2,884.20	1/4	2,624.12	1/4	2,363.11	1/4	2,101.64	1/4	1,840.16		
1/2	1/2	1/2	1/2	1/2	1/2	3,397.44	1/2	3,138.86	1/2	2,878.78	1/2	2,618.70	1/2	2,357.67	1/2	2,096.19	1/2	1,834.72		
3/4	3/4	3/4	3/4	3/4	3/4	3,392.13	3/4	3,133.44	3/4	2,873.36	3/4	2,613.29	3/4	2,352.22	3/4	2,090.74	3/4	1,829.27		
4	4	4	4	4	4	3,386.82	4	3,128.02	4	2,867.95	4	2,607.87	4	2,346.77	4	2,085.30	4	1,823.82		
1/4	1/4	1/4	1/4	1/4	1/4	3,381.50	1/4	3,122.61	1/4	2,862.53	1/4	2,602.45	1/4	2,341.32	1/4	2,079.85	1/4	1,818.37		
1/2	1/2	1/2	1/2	1/2	1/2	3,376.18	1/2	3,117.19	1/2	2,857.11	1/2	2,597.03	1/2	2,335.88	1/2	2,074.40	1/2	1,812.93		
3/4	3/4	3/4	3/4	3/4	3/4	3,370.86	3/4	3,111.77	3/4	2,851.69	3/4	2,591.61	3/4	2,330.43	3/4	2,068.95	3/4	1,807.48		
5	5	5	5	5	5	3,365.53	5	3,106.35	5	2,846.27	5	2,586.19	5	2,324.98	5	2,063.51	5	1,802.03		
1/4	1/4	1/4	1/4	1/4	1/4	3,360.21	1/4	3,100.93	1/4	2,840.85	1/4	2,580.78	1/4	2,319.53	1/4	2,058.06	1/4	1,796.58		
1/2	1/2	1/2	1/2	1/2	1/2	3,354.89	1/2	3,095.51	1/2	2,835.44	1/2	2,575.36	1/2	2,314.09	1/2	2,052.61	1/2	1,791.14		
3/4	3/4	3/4	3/4	3/4	3/4	3,349.57	3/4	3,090.10	3/4	2,830.02	3/4	2,569.94	3/4	2,308.64	3/4	2,047.16	3/4	1,785.69		
6	6	6	6	6	6	3,344.26	6	3,084.68	6	2,824.60	6	2,564.52	6	2,303.19	6	2,041.72	6	1,780.24		
1/4	1/4	1/4	1/4	1/4	1/4	3,338.94	1/4	3,079.26	1/4	2,819.18	1/4	2,559.10	1/4	2,297.74	1/4	2,036.27	1/4	1,774.79		
1/2	1/2	1/2	1/2	1/2	1/2	3,333.62	1/2	3,073.84	1/2	2,813.76	1/2	2,553.68	1/2	2,292.30	1/2	2,030.82	1/2	1,769.35		
3/4	3/4	3/4	3/4	3/4	3/4	3,328.30	3/4	3,068.42	3/4	2,808.34	3/4	2,548.27	3/4	2,286.85	3/4	2,025.37	3/4	1,763.90		
7	7	7	7	7	7	3,322.98	7	3,063.00	7	2,802.93	7	2,542.85	7	2,281.40	7	2,019.93	7	1,758.45		
1/4	1/4	1/4	1/4	1/4	1/4	3,317.67	1/4	3,057.59	1/4	2,797.51	1/4	2,537.43	1/4	2,275.95	1/4	2,014.48	1/4	1,753.00		
1/2	1/2	1/2	1/2	1/2	1/2	3,312.25	1/2	3,052.17	1/2	2,792.09	1/2	2,531.98	1/2	2,270.51	1/2	2,009.03	1/2	1,747.56		
3/4	3/4	3/4	3/4	3/4	3/4	3,306.83	3/4	3,046.75	3/4	2,786.67	3/4	2,526.54	3/4	2,265.06	3/4	2,003.58	3/4	1,742.11		
8	8	8	8	8	8	3,301.41	8	3,041.33	8	2,781.25	8	2,521.09	8	2,259.61	8	1,998.14	8	1,736.66		
1/4	1/4	1/4	1/4	1/4	1/4	3,295.99	1/4	3,035.91	1/4	2,775.84	1/4	2,515.64	1/4	2,254.17	1/4	1,992.69	1/4	1,731.21		
1/2	1/2	1/2	1/2	1/2	1/2	3,290.57	1/2	3,030.50	1/2	2,770.42	1/2	2,510.19	1/2	2,248.72	1/2	1,987.24	1/2	1,725.77		
3/4	3/4	3/4	3/4	3/4	3/4	3,285.16	3/4	3,025.08	3/4	2,765.00	3/4	2,504.75	3/4	2,243.27	3/4	1,981.80	3/4	1,720.32		
9	9	9	9	9	9	3,279.74	9	3,019.66	9	2,759.58	9	2,499.30	9	2,237.82	9	1,976.35	9	1,714.87		
1/4	1/4	1/4	1/4	1/4	1/4	3,274.32	1/4	3,014.24	1/4	2,754.16	1/4	2,493.85	1/4	2,232.38	1/4	1,970.90	1/4	1,709.43		
1/2	1/2	1/2	1/2	1/2	1/2	3,268.90	1/2	3,008.82	1/2	2,748.74	1/2	2,488.40	1/2	2,226.93	1/2	1,965.45	1/2	1,703.98		
3/4	3/4	3/4	3/4	3/4	3/4	3,263.48	3/4	3,003.40	3/4	2,743.33	3/4	2,482.96	3/4	2,221.48	3/4	1,960.01	3/4	1,698.53		
10	10	10	10	10	10	3,258.06	10	2,997.99	10	2,737.91	10	2,477.51	10	2,216.03	10	1,954.56	10	1,693.08		
1/4	1/4	1/4	1/4	1/4	1/4	3,252.65	1/4	2,992.57	1/4	2,732.49	1/4	2,472.06	1/4	2,210.59	1/4	1,949.11	1/4	1,687.64		
1/2	1/2	1/2	1/2	1/2	1/2	3,247.23	1/2	2,987.15	1/2	2,727.07	1/2	2,466.61	1/2	2,205.14	1/2	1,943.66	1/2	1,682.19		
3/4	3/4	3/4	3/4	3/4	3/4	3,466.93	3/4	3,241.81	3/4	2,981.73	3/4	2,721.65	3/4	2,461.17	3/4	2,199.69	3/4	1,938.22	3/4	1,676.74
11	11	11	11	11	11	3,466.47	11	3,236.39	11	2,976.31	11	2,716.23	11	2,455.72	11	2,194.24	11	1,932.77	11	1,671.29
1/4	1/4	1/4	1/4	1/4	1/4	3,466.02	1/4	3,230.97	1/4	2,970.89	1/4	2,710.82	1/4	2,450.27	1/4	2,188.80	1/4	1,927.32	1/4	1,665.85
1/2	1/2	1/2	1/2	1/2	1/2	3,464.20	1/2	3,225.55	1/2	2,965.48	1/2	2,705.40	1/2	2,444.82	1/2	2,183.35	1/2	1,921.87	1/2	1,660.40
3/4	3/4	3/4	3/4	3/4	3/4	3,462.38	3/4	3,220.14	3/4	2,960.06	3/4	2,699.98	3/4	2,439.38	3/4	2,177.90	3/4	1,916.43	3/4	1,654.95

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



BARGE "KIRBY 10225"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,649.50	0	1,388.02	0	1,126.37	0	865.71	0	604.72	0	343.10	0	81.67	0		0		0	
1/4	1,644.06	1/4	1,382.57	1/4	1,120.92	1/4	860.30	1/4	599.27	1/4	337.65	1/4	76.25	1/4		1/4		1/4	
1/2	1,638.61	1/2	1,377.12	1/2	1,115.47	1/2	854.88	1/2	593.82	1/2	332.19	1/2	70.86	1/2		1/2		1/2	
3/4	1,633.16	3/4	1,371.66	3/4	1,110.02	3/4	849.47	3/4	588.37	3/4	326.74	3/4	65.47	3/4		3/4		3/4	
1	1,627.71	1	1,366.21	1	1,104.57	1	844.05	1	582.92	1	321.29	1	60.09	1		1		1	
1/4	1,622.27	1/4	1,360.76	1/4	1,099.11	1/4	838.64	1/4	577.47	1/4	315.84	1/4	54.70	1/4		1/4		1/4	
1/2	1,616.82	1/2	1,355.31	1/2	1,093.66	1/2	833.22	1/2	572.02	1/2	310.39	1/2	49.36	1/2		1/2		1/2	
3/4	1,611.37	3/4	1,349.86	3/4	1,088.21	3/4	827.81	3/4	566.57	3/4	304.94	3/4	44.02	3/4		3/4		3/4	
2	1,605.92	2	1,344.41	2	1,082.76	2	822.39	2	561.12	2	299.49	2	38.69	2		2		2	
1/4	1,600.48	1/4	1,338.96	1/4	1,077.31	1/4	816.98	1/4	555.67	1/4	294.04	1/4	33.35	1/4		1/4		1/4	
1/2	1,595.03	1/2	1,333.51	1/2	1,071.86	1/2	811.57	1/2	550.21	1/2	288.59	1/2	28.81	1/2		1/2		1/2	
3/4	1,589.58	3/4	1,328.06	3/4	1,066.41	3/4	806.16	3/4	544.76	3/4	283.14	3/4	24.28	3/4		3/4		3/4	
3	1,584.13	3	1,322.61	3	1,060.96	3	800.75	3	539.31	3	277.69	3	19.75	3		3		3	
1/4	1,578.69	1/4	1,317.15	1/4	1,055.51	1/4	795.34	1/4	533.86	1/4	272.24	1/4	15.21	1/4		1/4		1/4	
1/2	1,573.24	1/2	1,311.70	1/2	1,050.06	1/2	789.90	1/2	528.41	1/2	266.79	1/2	12.49	1/2		1/2		1/2	
3/4	1,567.79	3/4	1,306.25	3/4	1,044.60	3/4	784.45	3/4	522.96	3/4	261.34	3/4	9.76	3/4		3/4		3/4	
4	1,562.35	4	1,300.80	4	1,039.15	4	779.01	4	517.51	4	255.89	4	7.04	4		4		4	
1/4	1,556.90	1/4	1,295.35	1/4	1,033.70	1/4	773.56	1/4	512.06	1/4	250.44	1/4	4.31	1/4		1/4		1/4	
1/2	1,551.45	1/2	1,289.90	1/2	1,028.25	1/2	768.12	1/2	506.61	1/2	244.99	1/2	3.40	1/2		1/2		1/2	
3/4	1,546.00	3/4	1,284.45	3/4	1,022.80	3/4	762.67	3/4	501.16	3/4	239.54	3/4	2.50	3/4		3/4		3/4	
5	1,540.56	5	1,279.00	5	1,017.35	5	757.23	5	495.71	5	234.09	5	1.59	5		5		5	
1/4	1,535.11	1/4	1,273.55	1/4	1,011.90	1/4	751.78	1/4	490.26	1/4	228.64	1/4	0.68	1/4		1/4		1/4	
1/2	1,529.66	1/2	1,268.10	1/2	1,006.48	1/2	746.33	1/2	484.81	1/2	223.18	1/2		1/2		1/2		1/2	
3/4	1,524.21	3/4	1,262.64	3/4	1,001.07	3/4	740.89	3/4	479.36	3/4	217.73	3/4		3/4		3/4		3/4	
6	1,518.77	6	1,257.19	6	995.66	6	735.44	6	473.91	6	212.28	6		6		6		6	
1/4	1,513.32	1/4	1,251.74	1/4	990.24	1/4	730.00	1/4	468.46	1/4	206.83	1/4		1/4		1/4		1/4	
1/2	1,507.87	1/2	1,246.29	1/2	984.83	1/2	724.55	1/2	463.01	1/2	201.38	1/2		1/2		1/2		1/2	
3/4	1,502.42	3/4	1,240.84	3/4	979.41	3/4	719.11	3/4	457.56	3/4	195.93	3/4		3/4		3/4		3/4	
7	1,496.98	7	1,235.39	7	974.00	7	713.66	7	452.11	7	190.48	7		7		7		7	
1/4	1,491.53	1/4	1,229.94	1/4	968.58	1/4	708.21	1/4	446.66	1/4	185.03	1/4		1/4		1/4		1/4	
1/2	1,486.08	1/2	1,224.49	1/2	963.17	1/2	702.77	1/2	441.20	1/2	179.58	1/2		1/2		1/2		1/2	
3/4	1,480.63	3/4	1,219.04	3/4	957.75	3/4	697.32	3/4	435.75	3/4	174.13	3/4		3/4		3/4		3/4	
8	1,475.19	8	1,213.59	8	952.34	8	691.88	8	430.30	8	168.68	8		8		8		8	
1/4	1,469.74	1/4	1,208.13	1/4	946.93	1/4	686.43	1/4	424.85	1/4	163.23	1/4		1/4		1/4		1/4	
1/2	1,464.29	1/2	1,202.68	1/2	941.51	1/2	680.99	1/2	419.40	1/2	157.78	1/2		1/2		1/2		1/2	
3/4	1,458.84	3/4	1,197.23	3/4	936.10	3/4	675.54	3/4	413.95	3/4	152.33	3/4		3/4		3/4		3/4	
9	1,453.40	9	1,191.78	9	930.68	9	670.10	9	408.50	9	146.88	9		9		9		9	
1/4	1,447.95	1/4	1,186.33	1/4	925.27	1/4	664.65	1/4	403.05	1/4	141.43	1/4		1/4		1/4		1/4	
1/2	1,442.50	1/2	1,180.88	1/2	919.85	1/2	659.21	1/2	397.60	1/2	135.98	1/2		1/2		1/2		1/2	
3/4	1,437.06	3/4	1,175.43	3/4	914.44	3/4	653.76	3/4	392.15	3/4	130.54	3/4		3/4		3/4		3/4	
10	1,431.61	10	1,169.98	10	909.03	10	648.32	10	386.70	10	125.09	10		10		10		10	
1/4	1,426.16	1/4	1,164.53	1/4	903.61	1/4	642.87	1/4	381.25	1/4	119.65	1/4		1/4		1/4		1/4	
1/2	1,420.71	1/2	1,159.08	1/2	898.20	1/2	637.42	1/2	375.80	1/2	114.22	1/2		1/2		1/2		1/2	
3/4	1,415.27	3/4	1,153.62	3/4	892.78	3/4	631.97	3/4	370.35	3/4	108.78	3/4		3/4		3/4		3/4	
11	1,409.82	11	1,148.17	11	887.37	11	626.52	11	364.90	11	103.35	11		11		11		11	
1/4	1,404.37	1/4	1,142.72	1/4	881.95	1/4	621.07	1/4	359.45	1/4	97.91	1/4		1/4		1/4		1/4	
1/2	1,398.92	1/2	1,137.27	1/2	876.54	1/2	615.62	1/2	354.00	1/2	92.50	1/2		1/2		1/2		1/2	
3/4	1,393.47	3/4	1,131.82	3/4	871.12	3/4	610.17	3/4	348.55	3/4	87.08	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2010 CL - SW
CALCULATED: 10/04/2010 CL
PRINTED: 10/04/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2010

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