



BARGE "KIRBY 12325B"

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	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-1/2	02-1/2	- 03-0/8	03-0/8
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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 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 01-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-01"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

April 13, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 12325B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	3,766.92	0	3,533.42	0	3,299.92	0	3,066.42	0	2,802.19	0	2,515.63	0	2,228.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.06	1/4	3,528.56	1/4	3,295.06	1/4	3,061.56	1/4	2,796.22	1/4	2,509.66	1/4	2,222.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,757.19	1/2	3,523.69	1/2	3,290.19	1/2	3,056.69	1/2	2,790.25	1/2	2,503.69	1/2	2,216.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,752.33	3/4	3,518.83	3/4	3,285.33	3/4	3,051.83	3/4	2,784.28	3/4	2,497.72	3/4	2,210.88		
1		1		1		1	3,747.46	1	3,513.96	1	3,280.46	1	3,046.96	1	2,778.31	1	2,491.75	1	2,204.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,742.60	1/4	3,509.10	1/4	3,275.60	1/4	3,042.10	1/4	2,772.34	1/4	2,485.78	1/4	2,198.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,737.73	1/2	3,504.23	1/2	3,270.73	1/2	3,037.23	1/2	2,766.37	1/2	2,479.80	1/2	2,192.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,732.87	3/4	3,499.37	3/4	3,265.87	3/4	3,032.37	3/4	2,760.40	3/4	2,473.83	3/4	2,186.97		
2		2		2		2	3,728.01	2	3,494.50	2	3,261.00	2	3,027.50	2	2,754.43	2	2,467.86	2	2,181.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,723.14	1/4	3,489.64	1/4	3,256.14	1/4	3,022.66	1/4	2,748.45	1/4	2,461.89	1/4	2,175.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,718.28	1/2	3,484.78	1/2	3,251.27	1/2	3,017.81	1/2	2,742.48	1/2	2,455.92	1/2	2,169.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,713.41	3/4	3,479.91	3/4	3,246.41	3/4	3,012.97	3/4	2,736.51	3/4	2,449.95	3/4	2,163.07		
3		3		3		3	3,708.55	3	3,475.05	3	3,241.55	3	3,008.12	3	2,730.54	3	2,443.98	3	2,157.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,703.68	1/4	3,470.18	1/4	3,236.68	1/4	3,003.28	1/4	2,724.57	1/4	2,438.01	1/4	2,151.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,698.82	1/2	3,465.32	1/2	3,231.82	1/2	2,998.43	1/2	2,718.60	1/2	2,432.04	1/2	2,145.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,693.95	3/4	3,460.45	3/4	3,226.95	3/4	2,993.58	3/4	2,712.63	3/4	2,426.06	3/4	2,139.16		
4		4		4		4	3,689.09	4	3,455.59	4	3,222.09	4	2,988.74	4	2,706.66	4	2,420.09	4	2,133.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,684.22	1/4	3,450.72	1/4	3,217.22	1/4	2,983.89	1/4	2,700.69	1/4	2,414.12	1/4	2,127.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,679.36	1/2	3,445.86	1/2	3,212.36	1/2	2,979.05	1/2	2,694.72	1/2	2,408.14	1/2	2,121.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,674.49	3/4	3,440.99	3/4	3,207.49	3/4	2,974.20	3/4	2,688.75	3/4	2,402.16	3/4	2,115.25		
5		5		5		5	3,669.63	5	3,436.13	5	3,202.63	5	2,969.36	5	2,682.78	5	2,396.18	5	2,109.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,664.77	1/4	3,431.26	1/4	3,197.76	1/4	2,963.39	1/4	2,676.81	1/4	2,390.21	1/4	2,103.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,659.90	1/2	3,426.40	1/2	3,192.90	1/2	2,957.42	1/2	2,670.84	1/2	2,384.23	1/2	2,097.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,655.04	3/4	3,421.54	3/4	3,188.03	3/4	2,951.45	3/4	2,664.87	3/4	2,378.25	3/4	2,091.34		
6		6		6		6	3,650.17	6	3,416.67	6	3,183.17	6	2,945.47	6	2,658.90	6	2,372.27	6	2,085.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,645.31	1/4	3,411.81	1/4	3,178.31	1/4	2,939.50	1/4	2,652.93	1/4	2,366.30	1/4	2,079.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,640.44	1/2	3,406.94	1/2	3,173.44	1/2	2,933.53	1/2	2,646.96	1/2	2,360.32	1/2	2,073.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,635.58	3/4	3,402.08	3/4	3,168.58	3/4	2,927.56	3/4	2,640.99	3/4	2,354.34	3/4	2,067.43		
7		7		7		7	3,841.77	7	3,630.71	7	3,397.21	7	3,163.71	7	2,921.59	7	2,635.02	7	2,348.36	7	2,061.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,840.77	1/4	3,625.85	1/4	3,392.35	1/4	3,158.85	1/4	2,915.62	1/4	2,629.05	1/4	2,342.39	1/4	2,055.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,839.77	1/2	3,620.98	1/2	3,387.48	1/2	3,153.98	1/2	2,909.65	1/2	2,623.08	1/2	2,336.41	1/2	2,049.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,838.77	3/4	3,616.12	3/4	3,382.62	3/4	3,149.12	3/4	2,903.68	3/4	2,617.11	3/4	2,330.43	3/4	2,043.52
8		8		8		8	3,837.77	8	3,611.26	8	3,377.75	8	3,144.25	8	2,897.71	8	2,611.14	8	2,324.46	8	2,037.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,834.78	1/4	3,606.39	1/4	3,372.89	1/4	3,139.39	1/4	2,891.74	1/4	2,605.17	1/4	2,318.48	1/4	2,031.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,831.78	1/2	3,601.53	1/2	3,368.03	1/2	3,134.52	1/2	2,885.77	1/2	2,599.20	1/2	2,312.50	1/2	2,025.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,828.79	3/4	3,596.66	3/4	3,363.16	3/4	3,129.66	3/4	2,879.80	3/4	2,593.23	3/4	2,306.52	3/4	2,019.68
9		9		9		9	3,825.79	9	3,591.80	9	3,358.30	9	3,124.80	9	2,873.83	9	2,587.26	9	2,300.55	9	2,013.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,820.81	1/4	3,586.93	1/4	3,353.43	1/4	3,119.93	1/4	2,867.86	1/4	2,581.29	1/4	2,294.57	1/4	2,007.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,815.82	1/2	3,582.07	1/2	3,348.57	1/2	3,115.07	1/2	2,861.89	1/2	2,575.32	1/2	2,288.59	1/2	2,001.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,810.83	3/4	3,577.20	3/4	3,343.70	3/4	3,110.20	3/4	2,855.92	3/4	2,569.35	3/4	2,282.61	3/4	1,995.86
10		10		10		10	3,805.84	10	3,572.34	10	3,338.84	10	3,105.34	10	2,849.95	10	2,563.38	10	2,276.64	10	1,989.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,800.97	1/4	3,567.47	1/4	3,333.97	1/4	3,100.47	1/4	2,843.98	1/4	2,557.41	1/4	2,270.66	1/4	1,983.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,796.11	1/2	3,562.61	1/2	3,329.11	1/2	3,095.61	1/2	2,838.01	1/2	2,551.45	1/2	2,264.68	1/2	1,977.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,791.25	3/4	3,557.74	3/4	3,324.24	3/4	3,090.74	3/4	2,832.04	3/4	2,545.48	3/4	2,258.70	3/4	1,972.04
11		11		11		11	3,786.38	11	3,552.88	11	3,319.38	11	3,085.88	11	2,826.07	11	2,539.52	11	2,252.73	11	1,966.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,781.52	1/4	3,548.02	1/4	3,314.51	1/4	3,081.01	1/4	2,820.10	1/4	2,533.54	1/4	2,246.75	1/4	1,960.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,776.65	1/2	3,543.15	1/2	3,309.65	1/2	3,076.15	1/2	2,814.13	1/2	2,527.57	1/2	2,240.77	1/2	1,954.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,771.79	3/4	3,538.29	3/4	3,304.79	3/4	3,071.28	3/4	2,808.16	3/4	2,521.60	3/4	2,234.79	3/4	1,948.22

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 22'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 12325B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	1,942.27	0	1,655.90	0	1,368.99	0	1,082.32	0	800.07	0	515.16	0	227.97	0		0		0	
1/4	1,936.31	1/4	1,649.92	1/4	1,363.01	1/4	1,076.35	1/4	794.25	1/4	509.18	1/4	221.98	1/4		1/4		1/4	
1/2	1,930.36	1/2	1,643.95	1/2	1,357.04	1/2	1,070.38	1/2	788.44	1/2	503.21	1/2	216.00	1/2		1/2		1/2	
3/4	1,924.40	3/4	1,637.97	3/4	1,351.06	3/4	1,064.42	3/4	782.63	3/4	497.24	3/4	210.01	3/4		3/4		3/4	
1	1,918.45	1	1,631.99	1	1,345.08	1	1,058.45	1	776.81	1	491.27	1	204.02	1		1		1	
1/4	1,912.49	1/4	1,626.01	1/4	1,339.10	1/4	1,052.48	1/4	771.00	1/4	485.30	1/4	198.03	1/4		1/4		1/4	
1/2	1,906.54	1/2	1,620.04	1/2	1,333.13	1/2	1,046.51	1/2	765.19	1/2	479.33	1/2	192.04	1/2		1/2		1/2	
3/4	1,900.58	3/4	1,614.06	3/4	1,327.15	3/4	1,040.55	3/4	759.37	3/4	473.36	3/4	186.05	3/4		3/4		3/4	
2	1,894.63	2	1,608.08	2	1,321.17	2	1,034.58	2	753.56	2	467.39	2	180.06	2		2		2	
1/4	1,888.67	1/4	1,602.11	1/4	1,315.19	1/4	1,028.60	1/4	747.75	1/4	461.42	1/4	174.08	1/4		1/4		1/4	
1/2	1,882.72	1/2	1,596.13	1/2	1,309.22	1/2	1,022.62	1/2	741.94	1/2	455.45	1/2	168.09	1/2		1/2		1/2	
3/4	1,876.77	3/4	1,590.15	3/4	1,303.24	3/4	1,016.64	3/4	736.12	3/4	449.48	3/4	162.10	3/4		3/4		3/4	
3	1,870.81	3	1,584.17	3	1,297.26	3	1,010.66	3	730.31	3	443.52	3	156.11	3		3		3	
1/4	1,864.86	1/4	1,578.20	1/4	1,291.29	1/4	1,004.68	1/4	724.33	1/4	437.54	1/4	150.12	1/4		1/4		1/4	
1/2	1,858.90	1/2	1,572.22	1/2	1,285.31	1/2	998.70	1/2	718.35	1/2	431.56	1/2	144.13	1/2		1/2		1/2	
3/4	1,852.95	3/4	1,566.24	3/4	1,279.33	3/4	992.72	3/4	712.37	3/4	425.58	3/4	138.14	3/4		3/4		3/4	
4	1,846.99	4	1,560.26	4	1,273.35	4	986.75	4	706.38	4	419.60	4	132.15	4		4		4	
1/4	1,841.04	1/4	1,554.29	1/4	1,267.38	1/4	980.77	1/4	700.40	1/4	413.61	1/4	126.17	1/4		1/4		1/4	
1/2	1,835.08	1/2	1,548.31	1/2	1,261.40	1/2	974.79	1/2	694.42	1/2	407.63	1/2	120.18	1/2		1/2		1/2	
3/4	1,829.13	3/4	1,542.33	3/4	1,255.42	3/4	968.81	3/4	688.44	3/4	401.64	3/4	114.19	3/4		3/4		3/4	
5	1,823.17	5	1,536.35	5	1,249.44	5	962.83	5	682.46	5	395.66	5	108.20	5		5		5	
1/4	1,817.22	1/4	1,530.38	1/4	1,243.47	1/4	957.02	1/4	676.48	1/4	389.67	1/4	102.21	1/4		1/4		1/4	
1/2	1,811.27	1/2	1,524.40	1/2	1,237.49	1/2	951.20	1/2	670.50	1/2	383.68	1/2	96.22	1/2		1/2		1/2	
3/4	1,805.31	3/4	1,518.42	3/4	1,231.51	3/4	945.39	3/4	664.52	3/4	377.69	3/4	90.23	3/4		3/4		3/4	
6	1,799.36	6	1,512.45	6	1,225.54	6	939.58	6	658.53	6	371.70	6	84.24	6		6		6	
1/4	1,793.38	1/4	1,506.47	1/4	1,219.57	1/4	933.76	1/4	652.55	1/4	365.71	1/4	78.26	1/4		1/4		1/4	
1/2	1,787.40	1/2	1,500.49	1/2	1,213.60	1/2	927.95	1/2	646.57	1/2	359.72	1/2	72.27	1/2		1/2		1/2	
3/4	1,781.42	3/4	1,494.51	3/4	1,207.63	3/4	922.14	3/4	640.59	3/4	353.74	3/4	66.28	3/4		3/4		3/4	
7	1,775.45	7	1,488.54	7	1,201.67	7	916.33	7	634.61	7	347.75	7	60.29	7		7		7	
1/4	1,769.47	1/4	1,482.56	1/4	1,195.70	1/4	910.51	1/4	628.64	1/4	341.76	1/4	54.30	1/4		1/4		1/4	
1/2	1,763.49	1/2	1,476.58	1/2	1,189.73	1/2	904.70	1/2	622.66	1/2	335.77	1/2	48.31	1/2		1/2		1/2	
3/4	1,757.51	3/4	1,470.60	3/4	1,183.76	3/4	898.89	3/4	616.69	3/4	329.78	3/4	42.32	3/4		3/4		3/4	
8	1,751.54	8	1,464.63	8	1,177.80	8	893.07	8	610.72	8	323.79	8	36.34	8		8		8	
1/4	1,745.56	1/4	1,458.65	1/4	1,171.83	1/4	887.26	1/4	604.75	1/4	317.80	1/4	31.34	1/4		1/4		1/4	
1/2	1,739.58	1/2	1,452.67	1/2	1,165.86	1/2	881.45	1/2	598.77	1/2	311.82	1/2	26.35	1/2		1/2		1/2	
3/4	1,733.61	3/4	1,446.70	3/4	1,159.89	3/4	875.63	3/4	592.80	3/4	305.83	3/4	21.36	3/4		3/4		3/4	
9	1,727.63	9	1,440.72	9	1,153.93	9	869.82	9	586.83	9	299.84	9	16.37	9		9		9	
1/4	1,721.65	1/4	1,434.74	1/4	1,147.96	1/4	864.01	1/4	580.85	1/4	293.85	1/4	13.38	1/4		1/4		1/4	
1/2	1,715.67	1/2	1,428.76	1/2	1,141.99	1/2	858.20	1/2	574.88	1/2	287.86	1/2	10.39	1/2		1/2		1/2	
3/4	1,709.70	3/4	1,422.79	3/4	1,136.02	3/4	852.38	3/4	568.91	3/4	281.87	3/4	7.39	3/4		3/4		3/4	
10	1,703.72	10	1,416.81	10	1,130.06	10	846.57	10	562.94	10	275.88	10	4.40	10		10		10	
1/4	1,697.74	1/4	1,410.83	1/4	1,124.09	1/4	840.76	1/4	556.96	1/4	269.89	1/4	3.40	1/4		1/4		1/4	
1/2	1,691.76	1/2	1,404.85	1/2	1,118.12	1/2	834.94	1/2	550.99	1/2	263.91	1/2	2.40	1/2		1/2		1/2	
3/4	1,685.79	3/4	1,398.88	3/4	1,112.15	3/4	829.13	3/4	545.02	3/4	257.92	3/4	1.41	3/4		3/4		3/4	
11	1,679.81	11	1,392.90	11	1,106.19	11	823.32	11	539.04	11	251.93	11	0.41	11		11		11	
1/4	1,673.83	1/4	1,386.92	1/4	1,100.22	1/4	817.50	1/4	533.07	1/4	245.94	1/4		1/4		1/4		1/4	
1/2	1,667.86	1/2	1,380.94	1/2	1,094.25	1/2	811.69	1/2	527.10	1/2	239.95	1/2		1/2		1/2		1/2	
3/4	1,661.88	3/4	1,374.97	3/4	1,088.28	3/4	805.88	3/4	521.13	3/4	233.96	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2010 CL - SW
CALCULATED: 04/13/2010 CL
PRINTED: 04/13/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE "KIRBY 12325B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	1,931.47	0	1,645.23	0	1,358.98	0	1,072.74	0	788.44	0	505.59	0	221.03	0		0		0	
1/4	1,925.51	1/4	1,639.26	1/4	1,353.02	1/4	1,066.78	1/4	782.54	1/4	499.71	1/4	215.06	1/4		1/4		1/4	
1/2	1,919.54	1/2	1,633.30	1/2	1,347.06	1/2	1,060.81	1/2	776.65	1/2	493.82	1/2	209.10	1/2		1/2		1/2	
3/4	1,913.58	3/4	1,627.34	3/4	1,341.09	3/4	1,054.85	3/4	770.75	3/4	487.93	3/4	203.14	3/4		3/4		3/4	
1	1,907.61	1	1,621.37	1	1,335.13	1	1,048.89	1	764.85	1	482.04	1	197.17	1		1		1	
1/4	1,901.65	1/4	1,615.41	1/4	1,329.17	1/4	1,042.92	1/4	758.96	1/4	476.16	1/4	191.21	1/4		1/4		1/4	
1/2	1,895.69	1/2	1,609.44	1/2	1,323.20	1/2	1,036.96	1/2	753.06	1/2	470.27	1/2	185.25	1/2		1/2		1/2	
3/4	1,889.72	3/4	1,603.48	3/4	1,317.24	3/4	1,031.00	3/4	747.16	3/4	464.38	3/4	179.29	3/4		3/4		3/4	
2	1,883.76	2	1,597.52	2	1,311.27	2	1,025.03	2	741.27	2	458.50	2	173.32	2		2		2	
1/4	1,877.80	1/4	1,591.55	1/4	1,305.31	1/4	1,019.07	1/4	735.37	1/4	452.61	1/4	167.36	1/4		1/4		1/4	
1/2	1,871.83	1/2	1,585.59	1/2	1,299.35	1/2	1,013.10	1/2	729.47	1/2	446.72	1/2	161.40	1/2		1/2		1/2	
3/4	1,865.87	3/4	1,579.63	3/4	1,293.38	3/4	1,007.14	3/4	723.58	3/4	440.84	3/4	155.44	3/4		3/4		3/4	
3	1,859.91	3	1,573.66	3	1,287.42	3	1,001.18	3	717.68	3	434.94	3	149.47	3		3		3	
1/4	1,853.94	1/4	1,567.70	1/4	1,281.46	1/4	995.21	1/4	711.79	1/4	429.05	1/4	143.51	1/4		1/4		1/4	
1/2	1,847.98	1/2	1,561.74	1/2	1,275.49	1/2	989.25	1/2	705.89	1/2	423.15	1/2	137.55	1/2		1/2		1/2	
3/4	1,842.02	3/4	1,555.77	3/4	1,269.53	3/4	983.29	3/4	699.99	3/4	417.26	3/4	131.58	3/4		3/4		3/4	
4	1,836.05	4	1,549.81	4	1,263.57	4	977.32	4	694.10	4	411.36	4	125.62	4		4		4	
1/4	1,830.09	1/4	1,543.85	1/4	1,257.60	1/4	971.36	1/4	688.20	1/4	405.47	1/4	119.66	1/4		1/4		1/4	
1/2	1,824.13	1/2	1,537.88	1/2	1,251.64	1/2	965.40	1/2	682.30	1/2	399.57	1/2	113.70	1/2		1/2		1/2	
3/4	1,818.16	3/4	1,531.92	3/4	1,245.68	3/4	959.43	3/4	676.41	3/4	393.68	3/4	107.73	3/4		3/4		3/4	
5	1,812.20	5	1,525.96	5	1,239.71	5	953.54	5	670.51	5	387.78	5	101.77	5		5		5	
1/4	1,806.24	1/4	1,519.99	1/4	1,233.75	1/4	947.64	1/4	664.61	1/4	381.89	1/4	95.81	1/4		1/4		1/4	
1/2	1,800.27	1/2	1,514.03	1/2	1,227.79	1/2	941.75	1/2	658.72	1/2	375.99	1/2	89.84	1/2		1/2		1/2	
3/4	1,794.31	3/4	1,508.07	3/4	1,221.82	3/4	935.85	3/4	652.82	3/4	370.10	3/4	83.88	3/4		3/4		3/4	
6	1,788.35	6	1,502.10	6	1,215.86	6	929.95	6	646.93	6	364.13	6	77.92	6		6		6	
1/4	1,782.38	1/4	1,496.14	1/4	1,209.90	1/4	924.06	1/4	641.03	1/4	358.17	1/4	71.96	1/4		1/4		1/4	
1/2	1,776.42	1/2	1,490.18	1/2	1,203.93	1/2	918.16	1/2	635.13	1/2	352.21	1/2	65.99	1/2		1/2		1/2	
3/4	1,770.46	3/4	1,484.21	3/4	1,197.97	3/4	912.26	3/4	629.24	3/4	346.24	3/4	60.03	3/4		3/4		3/4	
7	1,764.49	7	1,478.25	7	1,192.01	7	906.37	7	623.35	7	340.28	7	54.07	7		7		7	
1/4	1,758.53	1/4	1,472.29	1/4	1,186.04	1/4	900.47	1/4	617.46	1/4	334.32	1/4	48.10	1/4		1/4		1/4	
1/2	1,752.57	1/2	1,466.32	1/2	1,180.08	1/2	894.57	1/2	611.57	1/2	328.36	1/2	42.14	1/2		1/2		1/2	
3/4	1,746.60	3/4	1,460.36	3/4	1,174.12	3/4	888.68	3/4	605.68	3/4	322.39	3/4	36.18	3/4		3/4		3/4	
8	1,740.64	8	1,454.40	8	1,168.15	8	882.78	8	599.80	8	316.43	8	31.21	8		8		8	
1/4	1,734.68	1/4	1,448.43	1/4	1,162.19	1/4	876.88	1/4	593.91	1/4	310.47	1/4	26.24	1/4		1/4		1/4	
1/2	1,728.71	1/2	1,442.47	1/2	1,156.23	1/2	870.99	1/2	588.02	1/2	304.51	1/2	21.27	1/2		1/2		1/2	
3/4	1,722.75	3/4	1,436.51	3/4	1,150.26	3/4	865.09	3/4	582.13	3/4	298.54	3/4	16.30	3/4		3/4		3/4	
9	1,716.79	9	1,430.54	9	1,144.30	9	859.20	9	576.24	9	292.58	9	13.32	9		9		9	
1/4	1,710.82	1/4	1,424.58	1/4	1,138.34	1/4	853.30	1/4	570.36	1/4	286.62	1/4	10.34	1/4		1/4		1/4	
1/2	1,704.86	1/2	1,418.62	1/2	1,132.37	1/2	847.40	1/2	564.47	1/2	280.65	1/2	7.36	1/2		1/2		1/2	
3/4	1,698.90	3/4	1,412.65	3/4	1,126.41	3/4	841.51	3/4	558.58	3/4	274.69	3/4	4.38	3/4		3/4		3/4	
10	1,692.93	10	1,406.69	10	1,120.45	10	835.61	10	552.69	10	268.73	10	3.39	10		10		10	
1/4	1,686.97	1/4	1,400.73	1/4	1,114.48	1/4	829.71	1/4	546.80	1/4	262.77	1/4	2.39	1/4		1/4		1/4	
1/2	1,681.01	1/2	1,394.76	1/2	1,108.52	1/2	823.82	1/2	540.92	1/2	256.80	1/2	1.40	1/2		1/2		1/2	
3/4	1,675.04	3/4	1,388.80	3/4	1,102.56	3/4	817.92	3/4	535.03	3/4	250.84	3/4	0.41	3/4		3/4		3/4	
11	1,669.08	11	1,382.84	11	1,096.59	11	812.02	11	529.14	11	244.88	11		11		11		11	
1/4	1,663.12	1/4	1,376.87	1/4	1,090.63	1/4	806.13	1/4	523.25	1/4	238.91	1/4		1/4		1/4		1/4	
1/2	1,657.15	1/2	1,370.91	1/2	1,084.67	1/2	800.23	1/2	517.37	1/2	232.95	1/2		1/2		1/2		1/2	
3/4	1,651.19	3/4	1,364.95	3/4	1,078.70	3/4	794.34	3/4	511.48	3/4	226.99	3/4		3/4		3/4		3/4	

STRAPPED: 04/13/2010 CL - SW
CALCULATED: 04/13/2010 CL
PRINTED: 04/13/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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 12325B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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			3,915.79	0			3,630.99	0			3,346.18	0			3,061.38	0			2,776.58	0			2,491.77	0			2,206.97
1/4		1/4			1/4			1/4			3,909.86	1/4			3,625.05	1/4			3,340.25	1/4			3,055.45	1/4			2,770.64	1/4			2,485.84	1/4			2,201.04
1/2		1/2			1/2			1/2			3,903.92	1/2			3,619.12	1/2			3,334.32	1/2			3,049.51	1/2			2,764.71	1/2			2,479.91	1/2			2,195.10
3/4		3/4			3/4			3/4			3,897.99	3/4			3,613.19	3/4			3,328.38	3/4			3,043.58	3/4			2,758.78	3/4			2,473.97	3/4			2,189.17
1		1			1			1			3,892.06	1			3,607.25	1			3,322.45	1			3,037.65	1			2,752.84	1			2,468.04	1			2,183.24
1/4		1/4			1/4			1/4			3,886.12	1/4			3,601.32	1/4			3,316.52	1/4			3,031.71	1/4			2,746.91	1/4			2,462.11	1/4			2,177.30
1/2		1/2			1/2			1/2			3,880.19	1/2			3,595.39	1/2			3,310.58	1/2			3,025.78	1/2			2,740.98	1/2			2,456.17	1/2			2,171.37
3/4		3/4			3/4			3/4			3,874.26	3/4			3,589.45	3/4			3,304.65	3/4			3,019.85	3/4			2,735.04	3/4			2,450.24	3/4			2,165.44
2		2			2			2			3,868.32	2			3,583.52	2			3,298.72	2			3,013.91	2			2,729.11	2			2,444.31	2			2,159.50
1/4		1/4			1/4			1/4			3,862.39	1/4			3,577.59	1/4			3,292.78	1/4			3,007.98	1/4			2,723.18	1/4			2,438.37	1/4			2,153.57
1/2		1/2			1/2			1/2			3,856.46	1/2			3,571.65	1/2			3,286.85	1/2			3,002.05	1/2			2,717.24	1/2			2,432.44	1/2			2,147.64
3/4		3/4			3/4			3/4			3,850.52	3/4			3,565.72	3/4			3,280.92	3/4			2,996.11	3/4			2,711.31	3/4			2,426.51	3/4			2,141.70
3		3			3			3			3,844.59	3			3,559.79	3			3,274.98	3			2,990.18	3			2,705.38	3			2,420.57	3			2,135.77
1/4		1/4			1/4			1/4			3,838.66	1/4			3,553.85	1/4			3,269.05	1/4			2,984.25	1/4			2,699.44	1/4			2,414.64	1/4			2,129.84
1/2		1/2			1/2			1/2			3,832.72	1/2			3,547.92	1/2			3,263.12	1/2			2,978.31	1/2			2,693.51	1/2			2,408.71	1/2			2,123.90
3/4		3/4			3/4			3/4			3,826.79	3/4			3,541.99	3/4			3,257.18	3/4			2,972.38	3/4			2,687.58	3/4			2,402.77	3/4			2,117.97
4		4			4			4			3,820.86	4			3,536.05	4			3,251.25	4			2,966.45	4			2,681.64	4			2,396.84	4			2,112.04
1/4		1/4			1/4			1/4			3,814.92	1/4			3,530.12	1/4			3,245.32	1/4			2,960.51	1/4			2,675.71	1/4			2,390.91	1/4			2,106.10
1/2		1/2			1/2			1/2			3,808.99	1/2			3,524.19	1/2			3,239.38	1/2			2,954.58	1/2			2,669.78	1/2			2,384.97	1/2			2,100.17
3/4		3/4			3/4			3/4			3,803.06	3/4			3,518.25	3/4			3,233.45	3/4			2,948.65	3/4			2,663.84	3/4			2,379.04	3/4			2,094.24
5		5			5			5			3,797.12	5			3,512.32	5			3,227.52	5			2,942.71	5			2,657.91	5			2,373.11	5			2,088.30
1/4		1/4			1/4			1/4			3,791.19	1/4			3,506.39	1/4			3,221.58	1/4			2,936.78	1/4			2,651.98	1/4			2,367.17	1/4			2,082.37
1/2		1/2			1/2			1/2			3,785.26	1/2			3,500.45	1/2			3,215.65	1/2			2,930.85	1/2			2,646.04	1/2			2,361.24	1/2			2,076.44
3/4		3/4			3/4			3/4			3,779.32	3/4			3,494.52	3/4			3,209.72	3/4			2,924.91	3/4			2,640.11	3/4			2,355.31	3/4			2,070.50
6		6			6			6			3,773.39	6			3,488.59	6			3,203.78	6			2,918.98	6			2,634.18	6			2,349.37	6			2,064.57
1/4		1/4			1/4			1/4			3,767.46	1/4			3,482.65	1/4			3,197.85	1/4			2,913.05	1/4			2,628.24	1/4			2,343.44	1/4			2,058.64
1/2		1/2			1/2			1/2			4,010.68	1/2			3,761.52	1/2			3,191.92	1/2			2,907.11	1/2			2,622.31	1/2			2,337.51	1/2			2,052.70
3/4		3/4			3/4			3/4			4,009.69	3/4			3,755.59	3/4			3,185.98	3/4			2,901.18	3/4			2,616.38	3/4			2,331.57	3/4			2,046.77
7		7			7			7			4,008.70	7			3,749.66	7			3,180.05	7			2,895.25	7			2,610.44	7			2,325.64	7			2,040.84
1/4		1/4			1/4			1/4			4,007.71	1/4			3,743.72	1/4			3,174.12	1/4			2,889.31	1/4			2,604.51	1/4			2,319.71	1/4			2,034.90
1/2		1/2			1/2			1/2			4,006.73	1/2			3,737.79	1/2			3,168.18	1/2			2,883.38	1/2			2,598.58	1/2			2,313.77	1/2			2,028.97
3/4		3/4			3/4			3/4			4,003.76	3/4			3,731.85	3/4			3,162.25	3/4			2,877.45	3/4			2,592.64	3/4			2,307.84	3/4			2,023.04
8		8			8			8			4,000.79	8			3,725.92	8			3,156.32	8			2,871.51	8			2,586.71	8			2,301.91	8			2,017.10
1/4		1/4			1/4			1/4			3,997.83	1/4			3,719.99	1/4			3,150.38	1/4			2,865.58	1/4			2,580.78	1/4			2,295.97	1/4			2,011.17
1/2		1/2			1/2			1/2			3,994.86	1/2			3,714.05	1/2			3,144.45	1/2			2,859.65	1/2			2,574.84	1/2			2,290.04	1/2			2,005.24
3/4		3/4			3/4			3/4			3,989.93	3/4			3,708.12	3/4			3,138.51	3/4			2,853.71	3/4			2,568.91	3/4			2,284.11	3/4			1,999.30
9		9			9			9			3,984.99	9			3,702.19	9			3,132.58	9			2,847.78	9			2,562.98	9			2,278.17	9			1,993.37
1/4		1/4			1/4			1/4			3,980.06	1/4			3,696.25	1/4			3,126.65	1/4			2,841.84	1/4			2,557.04	1/4			2,272.24	1/4			1,987.44
1/2		1/2			1/2			1/2			3,975.12	1/2			3,690.32	1/2			3,120.71	1/2			2,835.91	1/2			2,551.11	1/2			2,266.31	1/2			1,981.50
3/4		3/4			3/4			3/4			3,969.19	3/4			3,684.39	3/4			3,114.78	3/4			2,829.98	3/4			2,545.17	3/4			2,260.37	3/4			1,975.57
10		10			10			10			3,963.26	10			3,678.45	10			3,108.85	10			2,824.04	10			2,539.24	10			2,254.44	10			1,969.64
1/4		1/4			1/4			1/4			3,957.32	1/4			3,672.52	1/4			3,102.91	1/4			2,818.11	1/4			2,533.31	1/4			2,248.50	1/4			1,963.70
1/2		1/2			1/2			1/2			3,951.39	1/2			3,666.59	1/2			3,096.98	1/2			2,812.18	1/2			2,527.37	1/2			2,242.57	1/2			1,957.77
3/4		3/4			3/4			3/4			3,945.46	3/4			3,660.65	3/4			3,091.05	3/4			2,806.24	3/4			2,521.44	3/4			2,236.64	3/4			1,951.83
11		11			11			11			3,939.52	11			3,654.72	11			3,085.11	11			2,800.31	11			2,515.51	11			2,230.70	11			1,945.90
1/4		1/4			1/4			1/4			3,933.59	1/4			3,648.79	1/4			3,079.18	1/4			2,794.38	1/4			2,509.57	1/4			2,224.77	1/4			1,939.97
1/2		1/2			1/2			1/2			3,927.66	1/2			3,642.85	1/2			3,073.25	1/2			2,788.44	1/2			2,503.64	1/2			2,218.84	1/2			1,934.03
3/4		3/4			3/4			3/4			3,921.72	3/4			3,636.92	3/4			3,067.31	3/4			2,782.51	3/4		</									

