



BARGE "KIRBY 11326"

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

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

LENGTH BETWEEN DRAFT MARKS: 154'-06"

November 27, 2007

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

<http://www.pmacorp.net>



BARGE "KIRBY 11326"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00"

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	3,402.51	0	3,181.55	0	2,960.64	0	2,739.74	0	2,500.97	0	2,245.86	0	1,990.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,397.90	1/4	3,176.94	1/4	2,956.04	1/4	2,735.14	1/4	2,495.65	1/4	2,240.54	1/4	1,985.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,393.30	1/2	3,172.34	1/2	2,951.44	1/2	2,730.54	1/2	2,490.34	1/2	2,235.23	1/2	1,980.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,388.70	3/4	3,167.74	3/4	2,946.84	3/4	2,725.93	3/4	2,485.02	3/4	2,229.91	3/4	1,974.80
1		1		1		1	3,384.09	1	3,163.13	1	2,942.23	1	2,721.33	1	2,479.71	1	2,224.60	1	1,969.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,379.49	1/4	3,158.53	1/4	2,937.63	1/4	2,716.73	1/4	2,474.39	1/4	2,219.28	1/4	1,964.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,374.89	1/2	3,153.93	1/2	2,933.03	1/2	2,712.13	1/2	2,469.08	1/2	2,213.97	1/2	1,958.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,370.28	3/4	3,149.33	3/4	2,928.43	3/4	2,707.53	3/4	2,463.76	3/4	2,208.65	3/4	1,953.54
2		2		2		2	3,365.68	2	3,144.73	2	2,923.83	2	2,702.92	2	2,458.45	2	2,203.34	2	1,948.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,361.08	1/4	3,140.12	1/4	2,919.22	1/4	2,698.32	1/4	2,453.13	1/4	2,198.02	1/4	1,942.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.47	1/2	3,135.52	1/2	2,914.62	1/2	2,693.72	1/2	2,447.82	1/2	2,192.71	1/2	1,937.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,351.87	3/4	3,130.92	3/4	2,910.02	3/4	2,689.12	3/4	2,442.51	3/4	2,187.39	3/4	1,932.28
3		3		3		3	3,347.27	3	3,126.32	3	2,905.42	3	2,684.52	3	2,437.19	3	2,182.08	3	1,926.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,342.66	1/4	3,121.72	1/4	2,900.81	1/4	2,679.91	1/4	2,431.88	1/4	2,176.77	1/4	1,921.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,338.06	1/2	3,117.11	1/2	2,896.21	1/2	2,675.31	1/2	2,426.56	1/2	2,171.45	1/2	1,916.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,333.46	3/4	3,112.51	3/4	2,891.61	3/4	2,670.71	3/4	2,421.25	3/4	2,166.14	3/4	1,911.03
4		4		4		4	3,328.85	4	3,107.91	4	2,887.01	4	2,666.11	4	2,415.93	4	2,160.82	4	1,905.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,324.25	1/4	3,103.31	1/4	2,882.41	1/4	2,661.51	1/4	2,410.62	1/4	2,155.51	1/4	1,900.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,319.65	1/2	3,098.70	1/2	2,877.80	1/2	2,656.90	1/2	2,405.30	1/2	2,150.19	1/2	1,895.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,315.04	3/4	3,094.10	3/4	2,873.20	3/4	2,652.30	3/4	2,399.99	3/4	2,144.88	3/4	1,889.77
5		5		5		5	3,310.44	5	3,089.50	5	2,868.60	5	2,647.70	5	2,394.67	5	2,139.56	5	1,884.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.84	1/4	3,084.90	1/4	2,864.00	1/4	2,642.92	1/4	2,389.36	1/4	2,134.25	1/4	1,879.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,301.23	1/2	3,080.30	1/2	2,859.40	1/2	2,638.13	1/2	2,384.04	1/2	2,128.93	1/2	1,873.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,296.63	3/4	3,075.69	3/4	2,854.79	3/4	2,633.35	3/4	2,378.73	3/4	2,123.62	3/4	1,868.51
6		6		6		6	3,292.03	6	3,071.09	6	2,850.19	6	2,628.57	6	2,373.41	6	2,118.30	6	1,863.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,287.42	1/4	3,066.49	1/4	2,845.59	1/4	2,623.24	1/4	2,368.10	1/4	2,112.99	1/4	1,857.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,282.82	1/2	3,061.89	1/2	2,840.99	1/2	2,617.92	1/2	2,362.78	1/2	2,107.67	1/2	1,852.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,475.88	3/4	3,278.22	3/4	3,057.29	3/4	2,836.39	3/4	2,612.59	3/4	2,357.47	3/4	2,102.36
7		7		7		7	3,475.66	7	3,273.61	7	3,052.68	7	2,831.78	7	2,607.27	7	2,352.15	7	2,097.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,474.33	1/4	3,269.01	1/4	3,048.08	1/4	2,827.18	1/4	2,601.95	1/4	2,346.84	1/4	2,091.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,473.00	1/2	3,264.41	1/2	3,043.48	1/2	2,822.58	1/2	2,596.64	1/2	2,341.52	1/2	2,086.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,471.67	3/4	3,259.80	3/4	3,038.88	3/4	2,817.98	3/4	2,591.32	3/4	2,336.21	3/4	2,081.10
8		8		8		8	3,470.34	8	3,255.20	8	3,034.28	8	2,813.37	8	2,586.00	8	2,330.89	8	2,075.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,467.23	1/4	3,250.60	1/4	3,029.67	1/4	2,808.77	1/4	2,580.69	1/4	2,325.58	1/4	2,070.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,464.12	1/2	3,245.99	1/2	3,025.07	1/2	2,804.17	1/2	2,575.38	1/2	2,320.26	1/2	2,065.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,461.02	3/4	3,241.39	3/4	3,020.47	3/4	2,799.57	3/4	2,570.06	3/4	2,314.95	3/4	2,059.84
9		9		9		9	3,457.91	9	3,236.79	9	3,015.87	9	2,794.97	9	2,564.75	9	2,309.64	9	2,054.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.27	1/4	3,232.18	1/4	3,011.27	1/4	2,790.36	1/4	2,559.43	1/4	2,304.32	1/4	2,049.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.62	1/2	3,227.58	1/2	3,006.66	1/2	2,785.76	1/2	2,554.12	1/2	2,299.01	1/2	2,043.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.98	3/4	3,222.98	3/4	3,002.06	3/4	2,781.16	3/4	2,548.80	3/4	2,293.69	3/4	2,038.58
10		10		10		10	3,439.33	10	3,218.37	10	2,997.46	10	2,776.56	10	2,543.49	10	2,288.38	10	2,033.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.73	1/4	3,213.77	1/4	2,992.86	1/4	2,771.96	1/4	2,538.17	1/4	2,283.06	1/4	2,027.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,430.13	1/2	3,209.17	1/2	2,988.25	1/2	2,767.35	1/2	2,532.86	1/2	2,277.75	1/2	2,022.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,425.52	3/4	3,204.56	3/4	2,983.65	3/4	2,762.75	3/4	2,527.54	3/4	2,272.43	3/4	2,017.32
11		11		11		11	3,420.92	11	3,199.96	11	2,979.05	11	2,758.15	11	2,522.23	11	2,267.12	11	2,012.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,416.32	1/4	3,195.36	1/4	2,974.45	1/4	2,753.55	1/4	2,516.91	1/4	2,261.80	1/4	2,006.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,411.71	1/2	3,190.75	1/2	2,969.85	1/2	2,748.95	1/2	2,511.60	1/2	2,256.49	1/2	2,001.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,407.11	3/4	3,186.15	3/4	2,965.24	3/4	2,744.34	3/4	2,506.28	3/4	2,251.17	3/4	1,996.06

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 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11326"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00"

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	1,735.64	0	1,481.19	0	1,226.51	0	971.53	0	717.61	0	466.41	0	212.43	0	0.46	0		0	
1/4	1,730.32	1/4	1,475.90	1/4	1,221.20	1/4	966.21	1/4	712.40	1/4	461.16	1/4	207.11	1/4		1/4		1/4	
1/2	1,725.01	1/2	1,470.61	1/2	1,215.89	1/2	960.90	1/2	707.18	1/2	455.90	1/2	201.78	1/2		1/2		1/2	
3/4	1,719.69	3/4	1,465.32	3/4	1,210.57	3/4	955.59	3/4	701.96	3/4	450.65	3/4	196.46	3/4		3/4		3/4	
1	1,714.38	1	1,460.03	1	1,205.26	1	950.28	1	696.74	1	445.39	1	191.13	1		1		1	
1/4	1,709.06	1/4	1,454.74	1/4	1,199.95	1/4	944.96	1/4	691.52	1/4	440.14	1/4	185.81	1/4		1/4		1/4	
1/2	1,703.75	1/2	1,449.45	1/2	1,194.64	1/2	939.65	1/2	686.31	1/2	434.88	1/2	180.48	1/2		1/2		1/2	
3/4	1,698.43	3/4	1,444.16	3/4	1,189.33	3/4	934.34	3/4	681.09	3/4	429.63	3/4	175.16	3/4		3/4		3/4	
2	1,693.12	2	1,438.87	2	1,184.01	2	929.03	2	675.87	2	424.37	2	169.83	2		2		2	
1/4	1,687.80	1/4	1,433.58	1/4	1,178.70	1/4	923.72	1/4	670.65	1/4	419.12	1/4	164.51	1/4		1/4		1/4	
1/2	1,682.49	1/2	1,428.29	1/2	1,173.39	1/2	918.40	1/2	665.43	1/2	413.86	1/2	159.18	1/2		1/2		1/2	
3/4	1,677.17	3/4	1,423.00	3/4	1,168.08	3/4	913.09	3/4	660.22	3/4	408.61	3/4	153.86	3/4		3/4		3/4	
3	1,671.86	3	1,417.71	3	1,162.76	3	907.78	3	655.00	3	403.35	3	148.53	3		3		3	
1/4	1,666.54	1/4	1,412.41	1/4	1,157.45	1/4	902.47	1/4	649.78	1/4	398.10	1/4	143.21	1/4		1/4		1/4	
1/2	1,661.23	1/2	1,407.11	1/2	1,152.14	1/2	897.15	1/2	644.56	1/2	392.84	1/2	137.88	1/2		1/2		1/2	
3/4	1,655.91	3/4	1,401.81	3/4	1,146.83	3/4	891.84	3/4	639.34	3/4	387.59	3/4	132.56	3/4		3/4		3/4	
4	1,650.60	4	1,396.51	4	1,141.52	4	886.53	4	634.13	4	382.33	4	127.23	4		4		4	
1/4	1,645.29	1/4	1,391.19	1/4	1,136.20	1/4	881.22	1/4	628.91	1/4	377.07	1/4	121.91	1/4		1/4		1/4	
1/2	1,639.97	1/2	1,385.88	1/2	1,130.89	1/2	875.91	1/2	623.69	1/2	371.82	1/2	116.58	1/2		1/2		1/2	
3/4	1,634.66	3/4	1,380.57	3/4	1,125.58	3/4	870.59	3/4	618.47	3/4	366.56	3/4	111.26	3/4		3/4		3/4	
5	1,629.34	5	1,375.25	5	1,120.27	5	865.28	5	613.26	5	361.31	5	105.93	5		5		5	
1/4	1,624.04	1/4	1,369.94	1/4	1,114.95	1/4	859.97	1/4	608.04	1/4	355.99	1/4	100.83	1/4		1/4		1/4	
1/2	1,618.74	1/2	1,364.63	1/2	1,109.64	1/2	854.66	1/2	602.82	1/2	350.68	1/2	95.72	1/2		1/2		1/2	
3/4	1,613.44	3/4	1,359.32	3/4	1,104.33	3/4	849.34	3/4	597.60	3/4	345.36	3/4	90.62	3/4		3/4		3/4	
6	1,608.13	6	1,354.00	6	1,099.02	6	844.03	6	592.38	6	340.05	6	85.52	6		6		6	
1/4	1,602.84	1/4	1,348.69	1/4	1,093.71	1/4	838.72	1/4	587.17	1/4	334.73	1/4	80.75	1/4		1/4		1/4	
1/2	1,597.55	1/2	1,343.38	1/2	1,088.39	1/2	833.41	1/2	581.95	1/2	329.42	1/2	75.98	1/2		1/2		1/2	
3/4	1,592.26	3/4	1,338.07	3/4	1,083.08	3/4	828.10	3/4	576.73	3/4	324.10	3/4	71.20	3/4		3/4		3/4	
7	1,586.98	7	1,332.76	7	1,077.77	7	822.78	7	571.51	7	318.78	7	66.43	7		7		7	
1/4	1,581.69	1/4	1,327.44	1/4	1,072.46	1/4	817.47	1/4	566.26	1/4	313.47	1/4	62.01	1/4		1/4		1/4	
1/2	1,576.40	1/2	1,322.13	1/2	1,067.15	1/2	812.16	1/2	561.00	1/2	308.15	1/2	57.58	1/2		1/2		1/2	
3/4	1,571.11	3/4	1,316.82	3/4	1,061.83	3/4	806.85	3/4	555.75	3/4	302.84	3/4	53.16	3/4		3/4		3/4	
8	1,565.82	8	1,311.51	8	1,056.52	8	801.54	8	550.49	8	297.52	8	48.73	8		8		8	
1/4	1,560.53	1/4	1,306.19	1/4	1,051.21	1/4	796.28	1/4	545.24	1/4	292.21	1/4	44.65	1/4		1/4		1/4	
1/2	1,555.24	1/2	1,300.88	1/2	1,045.90	1/2	791.03	1/2	539.98	1/2	286.89	1/2	40.57	1/2		1/2		1/2	
3/4	1,549.95	3/4	1,295.57	3/4	1,040.58	3/4	785.77	3/4	534.73	3/4	281.58	3/4	36.49	3/4		3/4		3/4	
9	1,544.66	9	1,290.26	9	1,035.27	9	780.52	9	529.47	9	276.26	9	32.40	9		9		9	
1/4	1,539.37	1/4	1,284.95	1/4	1,029.96	1/4	775.26	1/4	524.22	1/4	270.94	1/4	27.97	1/4		1/4		1/4	
1/2	1,534.08	1/2	1,279.63	1/2	1,024.65	1/2	770.01	1/2	518.96	1/2	265.63	1/2	23.53	1/2		1/2		1/2	
3/4	1,528.79	3/4	1,274.32	3/4	1,019.34	3/4	764.76	3/4	513.71	3/4	260.31	3/4	19.09	3/4		3/4		3/4	
10	1,523.50	10	1,269.01	10	1,014.02	10	759.50	10	508.45	10	255.00	10	14.65	10		10		10	
1/4	1,518.21	1/4	1,263.70	1/4	1,008.71	1/4	754.25	1/4	503.20	1/4	249.68	1/4	11.99	1/4		1/4		1/4	
1/2	1,512.92	1/2	1,258.38	1/2	1,003.40	1/2	748.99	1/2	497.94	1/2	244.36	1/2	9.33	1/2		1/2		1/2	
3/4	1,507.63	3/4	1,253.07	3/4	998.09	3/4	743.74	3/4	492.69	3/4	239.05	3/4	6.67	3/4		3/4		3/4	
11	1,502.34	11	1,247.76	11	992.77	11	738.48	11	487.43	11	233.73	11	4.01	11		11		11	
1/4	1,497.05	1/4	1,242.45	1/4	987.46	1/4	733.27	1/4	482.18	1/4	228.41	1/4	3.12	1/4		1/4		1/4	
1/2	1,491.76	1/2	1,237.14	1/2	982.15	1/2	728.05	1/2	476.92	1/2	223.08	1/2	2.23	1/2		1/2		1/2	
3/4	1,486.47	3/4	1,231.82	3/4	976.84	3/4	722.83	3/4	471.67	3/4	217.76	3/4	1.35	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2007 CL - SW
CALCULATED: 11/26/2007 CL
PRINTED: 11/26/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2007

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



BARGE "KIRBY 11326"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 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	3,530.00	0	3,275.56	0	3,021.12	0	2,766.68	0	2,512.24	0	2,257.80	0	2,003.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,524.70	1/4	3,270.26	1/4	3,015.82	1/4	2,761.38	1/4	2,506.94	1/4	2,252.50	1/4	1,998.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,519.39	1/2	3,264.96	1/2	3,010.52	1/2	2,756.08	1/2	2,501.64	1/2	2,247.20	1/2	1,992.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,514.09	3/4	3,259.66	3/4	3,005.22	3/4	2,751.78	3/4	2,496.34	3/4	2,241.90	3/4	1,987.46
1		1		1		1	3,508.79	1	3,254.35	1	2,999.92	1	2,745.48	1	2,491.04	1	2,236.60	1	1,982.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,503.49	1/4	3,249.05	1/4	2,994.62	1/4	2,740.18	1/4	2,485.74	1/4	2,231.30	1/4	1,976.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,498.19	1/2	3,243.75	1/2	2,989.31	1/2	2,734.88	1/2	2,480.44	1/2	2,226.00	1/2	1,971.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,492.89	3/4	3,238.45	3/4	2,984.01	3/4	2,729.58	3/4	2,475.14	3/4	2,220.70	3/4	1,966.26
2		2		2		2	3,487.59	2	3,233.15	2	2,978.71	2	2,724.27	2	2,469.84	2	2,215.40	2	1,960.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,482.29	1/4	3,227.85	1/4	2,973.41	1/4	2,718.97	1/4	2,464.54	1/4	2,210.10	1/4	1,955.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,476.99	1/2	3,222.55	1/2	2,968.11	1/2	2,713.67	1/2	2,459.23	1/2	2,204.80	1/2	1,950.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,471.69	3/4	3,217.25	3/4	2,962.81	3/4	2,708.37	3/4	2,453.93	3/4	2,199.50	3/4	1,945.06
3		3		3		3	3,466.39	3	3,211.95	3	2,957.51	3	2,703.07	3	2,448.63	3	2,194.19	3	1,939.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,461.09	1/4	3,206.65	1/4	2,952.21	1/4	2,697.77	1/4	2,443.33	1/4	2,188.89	1/4	1,934.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,455.78	1/2	3,201.35	1/2	2,946.91	1/2	2,692.47	1/2	2,438.03	1/2	2,183.59	1/2	1,929.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,450.48	3/4	3,196.05	3/4	2,941.61	3/4	2,687.17	3/4	2,432.73	3/4	2,178.29	3/4	1,923.85
4		4		4		4	3,445.18	4	3,190.74	4	2,936.31	4	2,681.87	4	2,427.43	4	2,172.99	4	1,918.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,439.88	1/4	3,185.44	1/4	2,931.01	1/4	2,676.57	1/4	2,422.13	1/4	2,167.69	1/4	1,913.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,434.58	1/2	3,180.14	1/2	2,925.70	1/2	2,671.27	1/2	2,416.83	1/2	2,162.39	1/2	1,907.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,429.28	3/4	3,174.84	3/4	2,920.40	3/4	2,665.97	3/4	2,411.53	3/4	2,157.09	3/4	1,902.65
5		5		5		5	3,423.98	5	3,169.54	5	2,915.10	5	2,660.66	5	2,406.23	5	2,151.79	5	1,897.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,418.68	1/4	3,164.24	1/4	2,909.80	1/4	2,655.36	1/4	2,400.93	1/4	2,146.49	1/4	1,892.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,413.38	1/2	3,158.94	1/2	2,904.50	1/2	2,650.06	1/2	2,395.62	1/2	2,141.19	1/2	1,886.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,408.08	3/4	3,153.64	3/4	2,899.20	3/4	2,644.76	3/4	2,390.32	3/4	2,135.89	3/4	1,881.45
6		6		6		6	3,402.78	6	3,148.34	6	2,893.90	6	2,639.46	6	2,385.02	6	2,130.58	6	1,876.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,397.48	1/4	3,143.04	1/4	2,888.60	1/4	2,634.16	1/4	2,379.72	1/4	2,125.28	1/4	1,870.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,392.18	1/2	3,137.74	1/2	2,883.30	1/2	2,628.86	1/2	2,374.42	1/2	2,119.98	1/2	1,865.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,386.87	3/4	3,132.44	3/4	2,878.00	3/4	2,623.56	3/4	2,369.12	3/4	2,114.68	3/4	1,860.24
7		7		7	3,604.22	7	3,381.57	7	3,127.14	7	2,872.70	7	2,618.26	7	2,363.82	7	2,109.38	7	1,854.94
1/4	1/4	1/4	1/4	1/4	3,604.00	1/4	3,376.27	1/4	3,121.83	1/4	2,867.40	1/4	2,612.96	1/4	2,358.52	1/4	2,104.08	1/4	1,849.64
1/2	1/2	1/2	1/2	1/2	3,602.67	1/2	3,370.97	1/2	3,116.53	1/2	2,862.10	1/2	2,607.66	1/2	2,353.22	1/2	2,098.78	1/2	1,844.34
3/4	3/4	3/4	3/4	3/4	3,601.35	3/4	3,365.67	3/4	3,111.23	3/4	2,856.79	3/4	2,602.36	3/4	2,347.92	3/4	2,093.48	3/4	1,839.04
8		8		8	3,600.02	8	3,360.37	8	3,105.93	8	2,851.49	8	2,597.06	8	2,342.62	8	2,088.18	8	1,833.74
1/4	1/4	1/4	1/4	1/4	3,598.70	1/4	3,355.07	1/4	3,100.63	1/4	2,846.19	1/4	2,591.75	1/4	2,337.32	1/4	2,082.88	1/4	1,828.44
1/2	1/2	1/2	1/2	1/2	3,595.60	1/2	3,349.77	1/2	3,095.33	1/2	2,840.89	1/2	2,586.45	1/2	2,332.02	1/2	2,077.58	1/2	1,823.14
3/4	3/4	3/4	3/4	3/4	3,592.51	3/4	3,344.47	3/4	3,090.03	3/4	2,835.59	3/4	2,581.15	3/4	2,326.71	3/4	2,072.28	3/4	1,817.84
9		9		9	3,589.42	9	3,339.17	9	3,084.73	9	2,830.29	9	2,575.85	9	2,321.41	9	2,066.98	9	1,812.54
1/4	1/4	1/4	1/4	1/4	3,586.33	1/4	3,333.87	1/4	3,079.43	1/4	2,824.99	1/4	2,570.55	1/4	2,316.11	1/4	2,061.67	1/4	1,807.24
1/2	1/2	1/2	1/2	1/2	3,581.52	1/2	3,328.57	1/2	3,074.13	1/2	2,819.69	1/2	2,565.25	1/2	2,310.81	1/2	2,056.37	1/2	1,801.94
3/4	3/4	3/4	3/4	3/4	3,576.72	3/4	3,323.26	3/4	3,068.83	3/4	2,814.39	3/4	2,559.95	3/4	2,305.51	3/4	2,051.07	3/4	1,796.63
10		10		10	3,571.91	10	3,317.96	10	3,063.53	10	2,809.09	10	2,554.65	10	2,300.21	10	2,045.77	10	1,791.33
1/4	1/4	1/4	1/4	1/4	3,567.10	1/4	3,312.66	1/4	3,058.22	1/4	2,803.79	1/4	2,549.35	1/4	2,294.91	1/4	2,040.47	1/4	1,786.03
1/2	1/2	1/2	1/2	1/2	3,561.80	1/2	3,307.36	1/2	3,052.92	1/2	2,798.49	1/2	2,544.05	1/2	2,289.61	1/2	2,035.17	1/2	1,780.73
3/4	3/4	3/4	3/4	3/4	3,556.50	3/4	3,302.06	3/4	3,047.62	3/4	2,793.18	3/4	2,538.75	3/4	2,284.31	3/4	2,029.87	3/4	1,775.43
11		11		11	3,551.20	11	3,296.76	11	3,042.32	11	2,787.88	11	2,533.45	11	2,279.01	11	2,024.57	11	1,770.13
1/4	1/4	1/4	1/4	1/4	3,545.90	1/4	3,291.46	1/4	3,037.02	1/4	2,782.58	1/4	2,528.14	1/4	2,273.71	1/4	2,019.27	1/4	1,764.83
1/2	1/2	1/2	1/2	1/2	3,540.60	1/2	3,286.16	1/2	3,031.72	1/2	2,777.28	1/2	2,522.84	1/2	2,268.41	1/2	2,013.97	1/2	1,759.53
3/4	3/4	3/4	3/4	3/4	3,535.30	3/4	3,280.86	3/4	3,026.42	3/4	2,771.98	3/4	2,517.54	3/4	2,263.10	3/4	2,008.67	3/4	1,754.23

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 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11326"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00 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	1,748.93	0	1,494.49	0	1,240.05	0	985.61	0	732.24	0	481.27	0	228.36	0	1.34	0		0	
1/4	1,743.63	1/4	1,489.19	1/4	1,234.75	1/4	980.31	1/4	727.02	1/4	476.04	1/4	223.06	1/4	0.46	1/4		1/4	
1/2	1,738.33	1/2	1,483.89	1/2	1,229.45	1/2	975.01	1/2	721.79	1/2	470.81	1/2	217.76	1/2		1/2		1/2	
3/4	1,733.02	3/4	1,478.59	3/4	1,224.15	3/4	969.71	3/4	716.56	3/4	465.58	3/4	212.46	3/4		3/4		3/4	
1	1,727.72	1	1,473.29	1	1,218.85	1	964.41	1	711.33	1	460.35	1	207.16	1		1		1	
1/4	1,722.42	1/4	1,467.98	1/4	1,213.55	1/4	959.11	1/4	706.10	1/4	455.12	1/4	201.86	1/4		1/4		1/4	
1/2	1,717.12	1/2	1,462.68	1/2	1,208.25	1/2	953.81	1/2	700.87	1/2	449.89	1/2	196.56	1/2		1/2		1/2	
3/4	1,711.82	3/4	1,457.38	3/4	1,202.94	3/4	948.51	3/4	695.64	3/4	444.67	3/4	191.26	3/4		3/4		3/4	
2	1,706.52	2	1,452.08	2	1,197.64	2	943.21	2	690.42	2	439.44	2	185.96	2		2		2	
1/4	1,701.22	1/4	1,446.78	1/4	1,192.34	1/4	937.90	1/4	685.19	1/4	434.21	1/4	180.66	1/4		1/4		1/4	
1/2	1,695.92	1/2	1,441.48	1/2	1,187.04	1/2	932.60	1/2	679.96	1/2	428.98	1/2	175.36	1/2		1/2		1/2	
3/4	1,690.62	3/4	1,436.18	3/4	1,181.74	3/4	927.30	3/4	674.73	3/4	423.75	3/4	170.06	3/4		3/4		3/4	
3	1,685.32	3	1,430.88	3	1,176.44	3	922.00	3	669.50	3	418.52	3	164.76	3		3		3	
1/4	1,680.02	1/4	1,425.58	1/4	1,171.14	1/4	916.70	1/4	664.27	1/4	413.29	1/4	159.46	1/4		1/4		1/4	
1/2	1,674.72	1/2	1,420.28	1/2	1,165.84	1/2	911.40	1/2	659.04	1/2	408.06	1/2	154.16	1/2		1/2		1/2	
3/4	1,669.42	3/4	1,414.98	3/4	1,160.54	3/4	906.10	3/4	653.82	3/4	402.83	3/4	148.86	3/4		3/4		3/4	
4	1,664.11	4	1,409.68	4	1,155.24	4	900.80	4	648.59	4	397.61	4	143.56	4		4		4	
1/4	1,658.81	1/4	1,404.38	1/4	1,149.94	1/4	895.50	1/4	643.36	1/4	392.38	1/4	138.26	1/4		1/4		1/4	
1/2	1,653.51	1/2	1,399.07	1/2	1,144.64	1/2	890.20	1/2	638.13	1/2	387.15	1/2	132.96	1/2		1/2		1/2	
3/4	1,648.21	3/4	1,393.77	3/4	1,139.34	3/4	884.90	3/4	632.90	3/4	381.92	3/4	127.66	3/4		3/4		3/4	
5	1,642.91	5	1,388.47	5	1,134.03	5	879.60	5	627.67	5	376.69	5	122.36	5		5		5	
1/4	1,637.61	1/4	1,383.17	1/4	1,128.73	1/4	874.30	1/4	622.45	1/4	371.46	1/4	117.06	1/4		1/4		1/4	
1/2	1,632.31	1/2	1,377.87	1/2	1,123.43	1/2	868.99	1/2	617.22	1/2	366.16	1/2	111.76	1/2		1/2		1/2	
3/4	1,627.01	3/4	1,372.57	3/4	1,118.13	3/4	863.69	3/4	611.99	3/4	360.86	3/4	106.46	3/4		3/4		3/4	
6	1,621.71	6	1,367.27	6	1,112.83	6	858.39	6	606.76	6	355.56	6	101.16	6		6		6	
1/4	1,616.41	1/4	1,361.97	1/4	1,107.53	1/4	853.09	1/4	601.53	1/4	350.26	1/4	95.86	1/4		1/4		1/4	
1/2	1,611.11	1/2	1,356.67	1/2	1,102.23	1/2	847.79	1/2	596.30	1/2	344.96	1/2	90.56	1/2		1/2		1/2	
3/4	1,605.81	3/4	1,351.37	3/4	1,096.93	3/4	842.49	3/4	591.07	3/4	339.66	3/4	85.26	3/4		3/4		3/4	
7	1,600.50	7	1,346.07	7	1,091.63	7	837.19	7	585.85	7	334.36	7	79.96	7		7		7	
1/4	1,595.20	1/4	1,340.77	1/4	1,086.33	1/4	831.89	1/4	580.62	1/4	329.06	1/4	74.66	1/4		1/4		1/4	
1/2	1,589.90	1/2	1,335.46	1/2	1,081.03	1/2	826.59	1/2	575.39	1/2	323.76	1/2	69.36	1/2		1/2		1/2	
3/4	1,584.60	3/4	1,330.16	3/4	1,075.73	3/4	821.29	3/4	570.16	3/4	318.46	3/4	64.06	3/4		3/4		3/4	
8	1,579.30	8	1,324.86	8	1,070.42	8	815.99	8	564.93	8	313.16	8	58.76	8		8		8	
1/4	1,574.00	1/4	1,319.56	1/4	1,065.12	1/4	810.69	1/4	559.70	1/4	307.86	1/4	53.46	1/4		1/4		1/4	
1/2	1,568.70	1/2	1,314.26	1/2	1,059.82	1/2	805.46	1/2	554.47	1/2	302.56	1/2	48.16	1/2		1/2		1/2	
3/4	1,563.40	3/4	1,308.96	3/4	1,054.52	3/4	800.23	3/4	549.24	3/4	297.26	3/4	42.86	3/4		3/4		3/4	
9	1,558.10	9	1,303.66	9	1,049.22	9	795.00	9	544.02	9	291.96	9	37.56	9		9		9	
1/4	1,552.80	1/4	1,298.36	1/4	1,043.92	1/4	789.77	1/4	538.79	1/4	286.66	1/4	32.25	1/4		1/4		1/4	
1/2	1,547.50	1/2	1,293.06	1/2	1,038.62	1/2	784.54	1/2	533.56	1/2	281.36	1/2	27.84	1/2		1/2		1/2	
3/4	1,542.20	3/4	1,287.76	3/4	1,033.32	3/4	779.31	3/4	528.33	3/4	276.06	3/4	23.42	3/4		3/4		3/4	
10	1,536.90	10	1,282.46	10	1,028.02	10	774.08	10	523.10	10	270.76	10	19.01	10		10		10	
1/4	1,531.59	1/4	1,277.16	1/4	1,022.72	1/4	768.85	1/4	517.87	1/4	265.46	1/4	14.59	1/4		1/4		1/4	
1/2	1,526.29	1/2	1,271.86	1/2	1,017.42	1/2	763.62	1/2	512.64	1/2	260.16	1/2	11.94	1/2		1/2		1/2	
3/4	1,520.99	3/4	1,266.55	3/4	1,012.12	3/4	758.39	3/4	507.41	3/4	254.86	3/4	9.29	3/4		3/4		3/4	
11	1,515.69	11	1,261.25	11	1,006.82	11	753.16	11	502.18	11	249.56	11	6.64	11		11		11	
1/4	1,510.39	1/4	1,255.95	1/4	1,001.51	1/4	747.93	1/4	496.95	1/4	244.26	1/4	3.99	1/4		1/4		1/4	
1/2	1,505.09	1/2	1,250.65	1/2	996.21	1/2	742.70	1/2	491.73	1/2	238.96	1/2	3.11	1/2		1/2		1/2	
3/4	1,499.79	3/4	1,245.35	3/4	990.91	3/4	737.47	3/4	486.50	3/4	233.66	3/4	2.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2007 CL - SW
CALCULATED: 11/26/2007 CL
PRINTED: 11/26/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2007

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



BARGE "KIRBY 11326"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00"

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	3,758.65	0	3,487.72	0	3,216.78	0	2,945.85	0	2,674.92	0	2,403.99	0	2,133.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,753.00	1/4	3,482.07	1/4	3,211.14	1/4	2,940.21	1/4	2,669.28	1/4	2,398.35	1/4	2,127.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,747.36	1/2	3,476.43	1/2	3,205.50	1/2	2,934.56	1/2	2,663.63	1/2	2,392.70	1/2	2,121.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,741.71	3/4	3,470.78	3/4	3,199.85	3/4	2,928.92	3/4	2,657.99	3/4	2,387.06	3/4	2,116.13		
1		1		1		1	3,736.07	1	3,465.14	1	3,194.21	1	2,923.28	1	2,652.34	1	2,381.41	1	2,110.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,730.42	1/4	3,459.49	1/4	3,188.56	1/4	2,917.63	1/4	2,646.70	1/4	2,375.77	1/4	2,104.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,724.78	1/2	3,453.85	1/2	3,182.92	1/2	2,911.99	1/2	2,641.06	1/2	2,370.12	1/2	2,099.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,719.14	3/4	3,448.20	3/4	3,177.27	3/4	2,906.34	3/4	2,635.41	3/4	2,364.48	3/4	2,093.55		
2		2		2		2	3,713.49	2	3,442.56	2	3,171.63	2	2,900.70	2	2,629.77	2	2,358.84	2	2,087.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,707.85	1/4	3,436.92	1/4	3,165.98	1/4	2,895.05	1/4	2,624.12	1/4	2,353.19	1/4	2,082.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,702.20	1/2	3,431.27	1/2	3,160.34	1/2	2,889.41	1/2	2,618.48	1/2	2,347.55	1/2	2,076.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,696.56	3/4	3,425.63	3/4	3,154.70	3/4	2,883.76	3/4	2,612.83	3/4	2,341.90	3/4	2,070.97		
3		3		3		3	3,690.91	3	3,419.98	3	3,149.05	3	2,878.12	3	2,607.19	3	2,336.26	3	2,065.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,685.27	1/4	3,414.34	1/4	3,143.41	1/4	2,872.48	1/4	2,601.54	1/4	2,330.61	1/4	2,059.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,679.62	1/2	3,408.69	1/2	3,137.76	1/2	2,866.83	1/2	2,595.90	1/2	2,324.97	1/2	2,054.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,673.98	3/4	3,403.05	3/4	3,132.12	3/4	2,861.19	3/4	2,590.26	3/4	2,319.32	3/4	2,048.39		
4		4		4		4	3,668.34	4	3,397.40	4	3,126.47	4	2,855.54	4	2,584.61	4	2,313.68	4	2,042.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,662.69	1/4	3,391.76	1/4	3,120.83	1/4	2,849.90	1/4	2,578.97	1/4	2,308.04	1/4	2,037.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,657.05	1/2	3,386.12	1/2	3,115.18	1/2	2,844.25	1/2	2,573.32	1/2	2,302.39	1/2	2,031.46		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,651.40	3/4	3,380.47	3/4	3,109.54	3/4	2,838.61	3/4	2,567.68	3/4	2,296.75	3/4	2,025.82		
5		5		5		5	3,645.76	5	3,374.83	5	3,103.90	5	2,832.96	5	2,562.03	5	2,291.10	5	2,020.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,640.11	1/4	3,369.18	1/4	3,098.25	1/4	2,827.32	1/4	2,556.39	1/4	2,285.46	1/4	2,014.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,634.47	1/2	3,363.54	1/2	3,092.61	1/2	2,821.68	1/2	2,550.74	1/2	2,279.81	1/2	2,008.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,628.83	3/4	3,357.89	3/4	3,086.96	3/4	2,816.03	3/4	2,545.10	3/4	2,274.17	3/4	2,003.24		
6		6		6		6	3,623.18	6	3,352.25	6	3,081.32	6	2,810.39	6	2,539.46	6	2,268.52	6	1,997.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,617.54	1/4	3,346.61	1/4	3,075.67	1/4	2,804.74	1/4	2,533.81	1/4	2,262.88	1/4	1,991.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,611.89	1/2	3,340.96	1/2	3,070.03	1/2	2,799.10	1/2	2,528.17	1/2	2,257.24	1/2	1,986.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,843.32	3/4	3,335.32	3/4	3,064.39	3/4	2,793.45	3/4	2,522.52	3/4	2,251.59	3/4	1,980.66		
7		7		7		7	3,600.60	7	3,329.67	7	3,058.74	7	2,787.81	7	2,516.88	7	2,245.95	7	1,975.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,841.67	1/4	3,594.96	1/4	3,324.03	1/4	3,053.10	1/4	2,782.17	1/4	2,511.23	1/4	2,240.30	1/4	1,969.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,840.26	1/2	3,589.31	1/2	3,318.38	1/2	3,047.45	1/2	2,776.52	1/2	2,505.59	1/2	2,234.66	1/2	1,963.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,838.85	3/4	3,583.67	3/4	3,312.74	3/4	3,041.81	3/4	2,770.88	3/4	2,499.95	3/4	2,229.01	3/4	1,958.08
8		8		8		8	3,837.44	8	3,578.03	8	3,307.09	8	3,036.16	8	2,765.23	8	2,494.30	8	2,223.37	8	1,952.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,834.15	1/4	3,572.38	1/4	3,301.45	1/4	3,030.52	1/4	2,759.59	1/4	2,488.66	1/4	2,217.73	1/4	1,946.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,830.86	1/2	3,566.74	1/2	3,295.81	1/2	3,024.87	1/2	2,753.94	1/2	2,483.01	1/2	2,212.08	1/2	1,941.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,827.56	3/4	3,561.09	3/4	3,290.16	3/4	3,019.23	3/4	2,748.30	3/4	2,477.37	3/4	2,206.44	3/4	1,935.51
9		9		9		9	3,824.27	9	3,555.45	9	3,284.52	9	3,013.59	9	2,742.65	9	2,471.72	9	2,200.79	9	1,929.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,819.15	1/4	3,549.80	1/4	3,278.87	1/4	3,007.94	1/4	2,737.01	1/4	2,466.08	1/4	2,195.15	1/4	1,924.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,814.04	1/2	3,544.16	1/2	3,273.23	1/2	3,002.30	1/2	2,731.37	1/2	2,460.43	1/2	2,189.50	1/2	1,918.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,808.92	3/4	3,538.51	3/4	3,267.58	3/4	2,996.65	3/4	2,725.72	3/4	2,454.79	3/4	2,183.86	3/4	1,912.93
10		10		10		10	3,803.80	10	3,532.87	10	3,261.94	10	2,991.01	10	2,720.08	10	2,449.15	10	2,178.21	10	1,907.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,798.16	1/4	3,527.23	1/4	3,256.29	1/4	2,985.36	1/4	2,714.43	1/4	2,443.50	1/4	2,172.57	1/4	1,901.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,792.51	1/2	3,521.58	1/2	3,250.65	1/2	2,979.72	1/2	2,708.79	1/2	2,437.86	1/2	2,166.93	1/2	1,895.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,786.87	3/4	3,515.94	3/4	3,245.01	3/4	2,974.07	3/4	2,703.14	3/4	2,432.21	3/4	2,161.28	3/4	1,890.35
11		11		11		11	3,781.22	11	3,510.29	11	3,239.36	11	2,968.43	11	2,697.50	11	2,426.57	11	2,155.64	11	1,884.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,775.58	1/4	3,504.65	1/4	3,233.72	1/4	2,962.79	1/4	2,691.85	1/4	2,420.92	1/4	2,149.99	1/4	1,879.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,769.94	1/2	3,499.00	1/2	3,228.07	1/2	2,957.14	1/2	2,686.21	1/2	2,415.28	1/2	2,144.35	1/2	1,873.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,764.29	3/4	3,493.36	3/4	3,222.43	3/4	2,951.50	3/4	2,680.57	3/4	2,409.63	3/4	2,138.70	3/4	1,867.77

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 11326"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-00"

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	1,862.13	0	1,591.20	0	1,320.27	0	1,049.33	0	778.77	0	508.41	0	237.50	0	0.46	0		0	
1/4	1,856.48	1/4	1,585.55	1/4	1,314.62	1/4	1,043.69	1/4	773.15	1/4	502.76	1/4	231.86	1/4		1/4		1/4	
1/2	1,850.84	1/2	1,579.91	1/2	1,308.98	1/2	1,038.05	1/2	767.52	1/2	497.12	1/2	226.21	1/2		1/2		1/2	
3/4	1,845.19	3/4	1,574.26	3/4	1,303.33	3/4	1,032.40	3/4	761.90	3/4	491.48	3/4	220.57	3/4		3/4		3/4	
1	1,839.55	1	1,568.62	1	1,297.69	1	1,026.76	1	756.28	1	485.83	1	214.92	1		1		1	
1/4	1,833.91	1/4	1,562.97	1/4	1,292.04	1/4	1,021.11	1/4	750.66	1/4	480.19	1/4	209.28	1/4		1/4		1/4	
1/2	1,828.26	1/2	1,557.33	1/2	1,286.40	1/2	1,015.47	1/2	745.04	1/2	474.54	1/2	203.64	1/2		1/2		1/2	
3/4	1,822.62	3/4	1,551.69	3/4	1,280.75	3/4	1,009.82	3/4	739.42	3/4	468.90	3/4	197.99	3/4		3/4		3/4	
2	1,816.97	2	1,546.04	2	1,275.11	2	1,004.18	2	733.80	2	463.26	2	192.35	2		2		2	
1/4	1,811.33	1/4	1,540.40	1/4	1,269.47	1/4	998.53	1/4	728.18	1/4	457.61	1/4	186.70	1/4		1/4		1/4	
1/2	1,805.68	1/2	1,534.75	1/2	1,263.82	1/2	992.89	1/2	722.56	1/2	451.97	1/2	181.06	1/2		1/2		1/2	
3/4	1,800.04	3/4	1,529.11	3/4	1,258.18	3/4	987.25	3/4	716.94	3/4	446.32	3/4	175.42	3/4		3/4		3/4	
3	1,794.40	3	1,523.46	3	1,252.53	3	981.60	3	711.32	3	440.68	3	169.77	3		3		3	
1/4	1,788.75	1/4	1,517.82	1/4	1,246.89	1/4	975.96	1/4	705.70	1/4	435.04	1/4	164.13	1/4		1/4		1/4	
1/2	1,783.11	1/2	1,512.18	1/2	1,241.24	1/2	970.31	1/2	700.08	1/2	429.39	1/2	158.49	1/2		1/2		1/2	
3/4	1,777.46	3/4	1,506.53	3/4	1,235.60	3/4	964.67	3/4	694.45	3/4	423.75	3/4	152.84	3/4		3/4		3/4	
4	1,771.82	4	1,500.89	4	1,229.96	4	959.02	4	688.83	4	418.10	4	147.20	4		4		4	
1/4	1,766.17	1/4	1,495.24	1/4	1,224.31	1/4	953.38	1/4	683.21	1/4	412.46	1/4	141.55	1/4		1/4		1/4	
1/2	1,760.53	1/2	1,489.60	1/2	1,218.67	1/2	947.74	1/2	677.59	1/2	406.82	1/2	135.91	1/2		1/2		1/2	
3/4	1,754.88	3/4	1,483.95	3/4	1,213.02	3/4	942.09	3/4	671.97	3/4	401.17	3/4	130.27	3/4		3/4		3/4	
5	1,749.24	5	1,478.31	5	1,207.38	5	936.45	5	666.35	5	395.53	5	124.62	5		5		5	
1/4	1,743.60	1/4	1,472.66	1/4	1,201.73	1/4	930.80	1/4	660.73	1/4	389.89	1/4	118.98	1/4		1/4		1/4	
1/2	1,737.95	1/2	1,467.02	1/2	1,196.09	1/2	925.16	1/2	655.11	1/2	384.24	1/2	113.33	1/2		1/2		1/2	
3/4	1,732.31	3/4	1,461.38	3/4	1,190.44	3/4	919.51	3/4	649.49	3/4	378.60	3/4	107.69	3/4		3/4		3/4	
6	1,726.66	6	1,455.73	6	1,184.80	6	913.87	6	643.87	6	372.95	6	102.05	6		6		6	
1/4	1,721.02	1/4	1,450.09	1/4	1,179.16	1/4	908.22	1/4	638.22	1/4	367.31	1/4	96.40	1/4		1/4		1/4	
1/2	1,715.37	1/2	1,444.44	1/2	1,173.51	1/2	902.58	1/2	632.58	1/2	361.67	1/2	90.76	1/2		1/2		1/2	
3/4	1,709.73	3/4	1,438.80	3/4	1,167.87	3/4	896.94	3/4	626.93	3/4	356.02	3/4	85.11	3/4		3/4		3/4	
7	1,704.08	7	1,433.15	7	1,162.22	7	891.29	7	621.29	7	350.38	7	79.47	7		7		7	
1/4	1,698.44	1/4	1,427.51	1/4	1,156.58	1/4	885.65	1/4	615.64	1/4	344.73	1/4	73.83	1/4		1/4		1/4	
1/2	1,692.80	1/2	1,421.86	1/2	1,150.93	1/2	880.00	1/2	610.00	1/2	339.09	1/2	68.18	1/2		1/2		1/2	
3/4	1,687.15	3/4	1,416.22	3/4	1,145.29	3/4	874.36	3/4	604.35	3/4	333.45	3/4	62.54	3/4		3/4		3/4	
8	1,681.51	8	1,410.58	8	1,139.64	8	868.71	8	598.71	8	327.80	8	56.90	8		8		8	
1/4	1,675.86	1/4	1,404.93	1/4	1,134.00	1/4	863.09	1/4	593.07	1/4	322.16	1/4	51.25	1/4		1/4		1/4	
1/2	1,670.22	1/2	1,399.29	1/2	1,128.36	1/2	857.47	1/2	587.42	1/2	316.51	1/2	45.61	1/2		1/2		1/2	
3/4	1,664.57	3/4	1,393.64	3/4	1,122.71	3/4	851.85	3/4	581.78	3/4	310.87	3/4	39.96	3/4		3/4		3/4	
9	1,658.93	9	1,388.00	9	1,117.07	9	846.23	9	576.13	9	305.23	9	34.32	9		9		9	
1/4	1,653.29	1/4	1,382.35	1/4	1,111.42	1/4	840.60	1/4	570.49	1/4	299.58	1/4	29.62	1/4		1/4		1/4	
1/2	1,647.64	1/2	1,376.71	1/2	1,105.78	1/2	834.98	1/2	564.85	1/2	293.94	1/2	24.91	1/2		1/2		1/2	
3/4	1,642.00	3/4	1,371.07	3/4	1,100.13	3/4	829.36	3/4	559.20	3/4	288.30	3/4	20.21	3/4		3/4		3/4	
10	1,636.35	10	1,365.42	10	1,094.49	10	823.74	10	553.56	10	282.65	10	15.51	10		10		10	
1/4	1,630.71	1/4	1,359.78	1/4	1,088.85	1/4	818.12	1/4	547.91	1/4	277.01	1/4	12.68	1/4		1/4		1/4	
1/2	1,625.06	1/2	1,354.13	1/2	1,083.20	1/2	812.49	1/2	542.27	1/2	271.36	1/2	9.86	1/2		1/2		1/2	
3/4	1,619.42	3/4	1,348.49	3/4	1,077.56	3/4	806.87	3/4	536.63	3/4	265.72	3/4	7.04	3/4		3/4		3/4	
11	1,613.77	11	1,342.84	11	1,071.91	11	801.25	11	530.98	11	260.08	11	4.22	11		11		11	
1/4	1,608.13	1/4	1,337.20	1/4	1,066.27	1/4	795.63	1/4	525.34	1/4	254.43	1/4	3.28	1/4		1/4		1/4	
1/2	1,602.49	1/2	1,331.55	1/2	1,060.62	1/2	790.01	1/2	519.70	1/2	248.79	1/2	2.34	1/2		1/2		1/2	
3/4	1,596.84	3/4	1,325.91	3/4	1,054.98	3/4	784.39	3/4	514.05	3/4	243.14	3/4	1.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2007 CL - SW
CALCULATED: 11/26/2007 CL
PRINTED: 11/26/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2007

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