



BARGE "KIRBY 11525"

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

(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 1 CENTER IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 162'-09"

September 29, 2005

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11525"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 1/4"

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	0	0	0	0	0	3,667.23	0	3,419.76	0	3,172.51	0	2,924.35	0	2,652.05	0	2,379.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,662.08	1/4	3,414.61	1/4	3,167.36	1/4	2,918.93	1/4	2,646.37	1/4	2,373.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,656.92	1/2	3,409.45	1/2	3,162.20	1/2	2,913.25	1/2	2,640.69	1/2	2,368.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,651.77	3/4	3,404.29	3/4	3,157.05	3/4	2,907.57	3/4	2,635.01	3/4	2,362.34
1	1	1	1	1	1	1	1	1	3,646.61	1	3,399.14	1	3,151.90	1	2,901.89	1	2,629.33	1	2,356.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,641.46	1/4	3,393.98	1/4	3,146.74	1/4	2,896.22	1/4	2,623.65	1/4	2,350.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,636.30	1/2	3,388.83	1/2	3,141.59	1/2	2,890.54	1/2	2,617.97	1/2	2,345.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,631.15	3/4	3,383.67	3/4	3,136.44	3/4	2,884.86	3/4	2,612.29	3/4	2,339.62
2	2	2	2	2	2	2	2	2	3,626.00	2	3,378.51	2	3,131.28	2	2,879.18	2	2,606.61	2	2,333.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,845.76	1/4	3,620.84	1/4	3,373.36	1/4	3,126.13	1/4	2,873.50	1/4	2,600.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,844.00	1/2	3,615.69	1/2	3,368.21	1/2	3,120.97	1/2	2,867.82	1/2	2,595.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,842.24	3/4	3,610.53	3/4	3,363.05	3/4	3,115.82	3/4	2,862.15	3/4	2,589.57
3	3	3	3	3	3	3	3	3	3,840.48	3	3,605.37	3	3,357.90	3	3,110.67	3	2,856.47	3	2,583.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,838.71	1/4	3,600.22	1/4	3,352.75	1/4	3,105.51	1/4	2,850.79	1/4	2,578.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,835.32	1/2	3,595.06	1/2	3,347.60	1/2	3,100.36	1/2	2,845.11	1/2	2,572.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,831.93	3/4	3,589.91	3/4	3,342.45	3/4	3,095.21	3/4	2,839.43	3/4	2,566.85
4	4	4	4	4	4	4	4	4	3,828.54	4	3,584.75	4	3,337.30	4	3,090.05	4	2,833.75	4	2,561.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,825.15	1/4	3,579.59	1/4	3,332.15	1/4	3,084.90	1/4	2,828.08	1/4	2,555.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,820.47	1/2	3,574.44	1/2	3,327.00	1/2	3,079.74	1/2	2,822.40	1/2	2,549.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,815.79	3/4	3,569.28	3/4	3,321.86	3/4	3,074.59	3/4	2,816.72	3/4	2,544.13
5	5	5	5	5	5	5	5	5	3,811.11	5	3,564.13	5	3,316.71	5	3,069.44	5	2,811.04	5	2,538.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,806.44	1/4	3,558.97	1/4	3,311.56	1/4	3,064.28	1/4	2,805.36	1/4	2,532.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,801.28	1/2	3,553.82	1/2	3,306.41	1/2	3,059.13	1/2	2,799.68	1/2	2,527.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,796.12	3/4	3,548.66	3/4	3,301.26	3/4	3,053.97	3/4	2,794.00	3/4	2,521.40
6	6	6	6	6	6	6	6	6	3,790.97	6	3,543.50	6	3,296.11	6	3,048.82	6	2,788.33	6	2,515.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,785.81	1/4	3,538.35	1/4	3,290.96	1/4	3,043.67	1/4	2,782.65	1/4	2,510.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,780.66	1/2	3,533.19	1/2	3,285.81	1/2	3,038.51	1/2	2,776.97	1/2	2,504.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,775.50	3/4	3,528.04	3/4	3,280.66	3/4	3,033.36	3/4	2,771.29	3/4	2,498.68
7	7	7	7	7	7	7	7	7	3,770.35	7	3,522.88	7	3,275.51	7	3,028.21	7	2,765.61	7	2,493.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,765.19	1/4	3,517.72	1/4	3,270.36	1/4	3,023.05	1/4	2,759.93	1/4	2,487.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,760.04	1/2	3,512.57	1/2	3,265.22	1/2	3,017.90	1/2	2,754.26	1/2	2,481.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,754.88	3/4	3,507.41	3/4	3,260.07	3/4	3,012.74	3/4	2,748.58	3/4	2,475.96
8	8	8	8	8	8	8	8	8	3,749.72	8	3,502.26	8	3,254.92	8	3,007.59	8	2,742.90	8	2,470.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,744.57	1/4	3,497.10	1/4	3,249.77	1/4	3,002.44	1/4	2,737.22	1/4	2,464.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,739.41	1/2	3,491.94	1/2	3,244.62	1/2	2,997.28	1/2	2,731.54	1/2	2,458.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,734.26	3/4	3,486.79	3/4	3,239.47	3/4	2,992.13	3/4	2,725.86	3/4	2,453.24
9	9	9	9	9	9	9	9	9	3,729.10	9	3,481.63	9	3,234.32	9	2,986.98	9	2,720.19	9	2,447.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,723.94	1/4	3,476.48	1/4	3,229.17	1/4	2,981.82	1/4	2,714.51	1/4	2,441.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,718.79	1/2	3,471.32	1/2	3,224.02	1/2	2,976.67	1/2	2,708.83	1/2	2,436.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,713.63	3/4	3,466.16	3/4	3,218.87	3/4	2,971.51	3/4	2,703.15	3/4	2,430.51
10	10	10	10	10	10	10	10	10	3,708.48	10	3,461.01	10	3,213.72	10	2,966.36	10	2,697.47	10	2,424.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,703.32	1/4	3,455.85	1/4	3,208.58	1/4	2,961.21	1/4	2,691.79	1/4	2,419.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,698.16	1/2	3,450.70	1/2	3,203.42	1/2	2,956.05	1/2	2,686.12	1/2	2,413.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,693.01	3/4	3,445.54	3/4	3,198.27	3/4	2,950.90	3/4	2,680.44	3/4	2,407.79
11	11	11	11	11	11	11	11	11	3,687.85	11	3,440.39	11	3,193.12	11	2,945.75	11	2,674.76	11	2,402.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,682.70	1/4	3,435.23	1/4	3,187.97	1/4	2,940.59	1/4	2,669.08	1/4	2,396.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,677.54	1/2	3,430.07	1/2	3,182.82	1/2	2,935.18	1/2	2,663.40	1/2	2,390.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,672.39	3/4	3,424.92	3/4	3,177.67	3/4	2,929.76	3/4	2,657.72	3/4	2,385.07

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 1'-00" OFF CENTERLINE AND 28'-11" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 11525"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 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	2,107.37	0	1,835.14	0	1,562.51	0	1,289.88	0	1,017.26	0	747.84	0	477.06	0	203.94	0		0	
1/4	2,101.71	1/4	1,829.46	1/4	1,556.83	1/4	1,284.20	1/4	1,011.58	1/4	742.29	1/4	471.37	1/4	198.25	1/4		1/4	
1/2	2,096.06	1/2	1,823.78	1/2	1,551.15	1/2	1,278.52	1/2	1,005.90	1/2	736.73	1/2	465.69	1/2	192.55	1/2		1/2	
3/4	2,090.40	3/4	1,818.10	3/4	1,545.47	3/4	1,272.84	3/4	1,000.22	3/4	731.18	3/4	460.01	3/4	186.86	3/4		3/4	
1	2,084.75	1	1,812.42	1	1,539.79	1	1,267.17	1	994.54	1	725.63	1	454.33	1	181.17	1		1	
1/4	2,079.10	1/4	1,806.74	1/4	1,534.11	1/4	1,261.49	1/4	988.86	1/4	720.08	1/4	448.64	1/4	175.47	1/4		1/4	
1/2	2,073.44	1/2	1,801.06	1/2	1,528.43	1/2	1,255.81	1/2	983.18	1/2	714.53	1/2	442.96	1/2	169.78	1/2		1/2	
3/4	2,067.79	3/4	1,795.38	3/4	1,522.75	3/4	1,250.13	3/4	977.50	3/4	708.98	3/4	437.28	3/4	164.08	3/4		3/4	
2	2,062.13	2	1,789.70	2	1,517.07	2	1,244.45	2	971.82	2	703.43	2	431.60	2	158.39	2		2	
1/4	2,056.48	1/4	1,784.02	1/4	1,511.39	1/4	1,238.77	1/4	966.14	1/4	697.88	1/4	425.91	1/4	152.69	1/4		1/4	
1/2	2,050.82	1/2	1,778.34	1/2	1,505.71	1/2	1,233.09	1/2	960.46	1/2	692.33	1/2	420.23	1/2	147.00	1/2		1/2	
3/4	2,045.17	3/4	1,772.66	3/4	1,500.03	3/4	1,227.41	3/4	954.78	3/4	686.77	3/4	414.55	3/4	141.31	3/4		3/4	
3	2,039.51	3	1,766.98	3	1,494.35	3	1,221.73	3	949.10	3	681.22	3	408.87	3	135.61	3		3	
1/4	2,033.86	1/4	1,761.30	1/4	1,488.67	1/4	1,216.05	1/4	943.42	1/4	675.67	1/4	403.18	1/4	129.92	1/4		1/4	
1/2	2,028.20	1/2	1,755.62	1/2	1,482.99	1/2	1,210.37	1/2	937.74	1/2	670.06	1/2	397.50	1/2	124.22	1/2		1/2	
3/4	2,022.53	3/4	1,749.94	3/4	1,477.31	3/4	1,204.69	3/4	932.06	3/4	664.44	3/4	391.82	3/4	118.53	3/4		3/4	
4	2,016.87	4	1,744.26	4	1,471.63	4	1,199.01	4	926.38	4	658.82	4	386.13	4	112.84	4		4	
1/4	2,011.21	1/4	1,738.58	1/4	1,465.95	1/4	1,193.33	1/4	920.70	1/4	653.21	1/4	380.45	1/4	107.14	1/4		1/4	
1/2	2,005.53	1/2	1,732.90	1/2	1,460.27	1/2	1,187.65	1/2	915.02	1/2	647.52	1/2	374.76	1/2	101.45	1/2		1/2	
3/4	1,999.85	3/4	1,727.22	3/4	1,454.60	3/4	1,181.97	3/4	909.34	3/4	641.84	3/4	369.07	3/4	95.75	3/4		3/4	
5	1,994.17	5	1,721.54	5	1,448.92	5	1,176.29	5	903.66	5	636.16	5	363.38	5	90.06	5		5	
1/4	1,988.49	1/4	1,715.86	1/4	1,443.24	1/4	1,170.61	1/4	897.98	1/4	630.48	1/4	357.69	1/4	84.36	1/4		1/4	
1/2	1,982.81	1/2	1,710.18	1/2	1,437.56	1/2	1,164.93	1/2	892.37	1/2	624.80	1/2	351.99	1/2	78.67	1/2		1/2	
3/4	1,977.13	3/4	1,704.50	3/4	1,431.88	3/4	1,159.25	3/4	886.75	3/4	619.12	3/4	346.30	3/4	72.98	3/4		3/4	
6	1,971.45	6	1,698.82	6	1,426.20	6	1,153.57	6	881.14	6	613.43	6	340.60	6	67.28	6		6	
1/4	1,965.77	1/4	1,693.14	1/4	1,420.52	1/4	1,147.89	1/4	875.52	1/4	607.75	1/4	334.91	1/4	61.59	1/4		1/4	
1/2	1,960.09	1/2	1,687.46	1/2	1,414.84	1/2	1,142.21	1/2	869.97	1/2	602.07	1/2	329.21	1/2	55.89	1/2		1/2	
3/4	1,954.41	3/4	1,681.78	3/4	1,409.16	3/4	1,136.53	3/4	864.23	3/4	596.39	3/4	323.52	3/4	50.20	3/4		3/4	
7	1,948.73	7	1,676.10	7	1,403.48	7	1,130.85	7	858.86	7	590.71	7	317.83	7	44.50	7		7	
1/4	1,943.05	1/4	1,670.42	1/4	1,397.80	1/4	1,125.17	1/4	853.11	1/4	585.03	1/4	312.13	1/4	38.81	1/4		1/4	
1/2	1,937.37	1/2	1,664.74	1/2	1,392.12	1/2	1,119.49	1/2	847.76	1/2	579.34	1/2	306.44	1/2	33.69	1/2		1/2	
3/4	1,931.69	3/4	1,659.06	3/4	1,386.44	3/4	1,113.81	3/4	842.21	3/4	573.66	3/4	300.74	3/4	28.58	3/4		3/4	
8	1,926.01	8	1,653.38	8	1,380.76	8	1,108.13	8	836.66	8	567.98	8	295.05	8	23.46	8		8	
1/4	1,920.33	1/4	1,647.71	1/4	1,375.08	1/4	1,102.45	1/4	831.10	1/4	562.30	1/4	289.36	1/4	18.34	1/4		1/4	
1/2	1,914.65	1/2	1,642.03	1/2	1,369.40	1/2	1,096.77	1/2	825.55	1/2	556.61	1/2	283.66	1/2	14.95	1/2		1/2	
3/4	1,908.97	3/4	1,636.35	3/4	1,363.72	3/4	1,091.09	3/4	820.00	3/4	550.93	3/4	277.97	3/4	11.57	3/4		3/4	
9	1,903.29	9	1,630.67	9	1,358.04	9	1,085.41	9	814.45	9	545.25	9	272.27	9	8.18	9		9	
1/4	1,897.61	1/4	1,624.99	1/4	1,352.36	1/4	1,079.74	1/4	808.90	1/4	539.57	1/4	266.58	1/4	4.79	1/4		1/4	
1/2	1,891.93	1/2	1,619.31	1/2	1,346.68	1/2	1,074.06	1/2	803.35	1/2	533.88	1/2	260.88	1/2	3.71	1/2		1/2	
3/4	1,886.25	3/4	1,613.63	3/4	1,341.00	3/4	1,068.38	3/4	797.80	3/4	528.20	3/4	255.19	3/4	2.64	3/4		3/4	
10	1,880.57	10	1,607.95	10	1,335.32	10	1,062.70	10	792.25	10	522.52	10	249.50	10	1.56	10		10	
1/4	1,874.89	1/4	1,602.27	1/4	1,329.64	1/4	1,057.02	1/4	786.69	1/4	516.84	1/4	243.80	1/4	0.48	1/4		1/4	
1/2	1,869.21	1/2	1,596.59	1/2	1,323.96	1/2	1,051.34	1/2	781.14	1/2	511.15	1/2	238.11	1/2		1/2		1/2	
3/4	1,863.53	3/4	1,590.91	3/4	1,318.28	3/4	1,045.66	3/4	775.59	3/4	505.47	3/4	232.41	3/4		3/4		3/4	
11	1,857.85	11	1,585.23	11	1,312.60	11	1,039.98	11	770.04	11	499.79	11	226.72	11		11		11	
1/4	1,852.17	1/4	1,579.55	1/4	1,306.92	1/4	1,034.30	1/4	764.49	1/4	494.11	1/4	221.03	1/4		1/4		1/4	
1/2	1,846.49	1/2	1,573.87	1/2	1,301.24	1/2	1,028.62	1/2	758.94	1/2	488.42	1/2	215.33	1/2		1/2		1/2	
3/4	1,840.81	3/4	1,568.19	3/4	1,295.56	3/4	1,022.94	3/4	753.39	3/4	482.74	3/4	209.64	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2005 CL - SW
CALCULATED: 09/30/2005 CL
PRINTED: 09/30/2005 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2005

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



BARGE "KIRBY 11525"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 1/8"

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	0	0	0	3,423.83	0	3,174.61	0	2,925.39	0	2,676.17	0	2,426.95	0	2,177.73	0	2,177.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,418.64	1/4	3,169.42	1/4	2,920.20	1/4	2,670.98	1/4	2,421.76	1/4	2,172.54	1/4	2,172.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,413.45	1/2	3,164.23	1/2	2,915.01	1/2	2,665.79	1/2	2,416.57	1/2	2,167.34	1/2	2,167.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,408.26	3/4	3,159.04	3/4	2,909.81	3/4	2,660.59	3/4	2,411.37	3/4	2,162.15	3/4	2,162.15
1	1	1	1	1	1	1	3,403.06	1	3,153.84	1	2,904.62	1	2,655.40	1	2,406.18	1	2,156.96	1	2,156.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,397.87	1/4	3,148.65	1/4	2,899.43	1/4	2,650.21	1/4	2,400.99	1/4	2,151.77	1/4	2,151.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,392.68	1/2	3,143.46	1/2	2,894.24	1/2	2,645.02	1/2	2,395.80	1/2	2,146.58	1/2	2,146.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,387.49	3/4	3,138.27	3/4	2,889.05	3/4	2,639.83	3/4	2,390.60	3/4	2,141.38	3/4	2,141.38
2	2	2	2	2	2 1/8	2	3,606.41	2	3,382.30	2	3,133.08	2	2,883.85	2	2,634.63	2	2,385.41	2	2,136.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,605.54	1/4	3,377.10	1/4	3,127.88	1/4	2,878.66	1/4	2,629.44	1/4	2,380.22	1/4	2,131.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,603.81	1/2	3,371.91	1/2	3,122.69	1/2	2,873.47	1/2	2,624.25	1/2	2,375.03	1/2	2,125.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,602.08	3/4	3,366.72	3/4	3,117.50	3/4	2,868.28	3/4	2,619.06	3/4	2,369.84	3/4	2,120.62
3	3	3	3	3	3	3	3,600.35	3	3,361.53	3	3,112.31	3	2,863.09	3	2,613.87	3	2,364.64	3	2,115.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,597.75	1/4	3,356.34	1/4	3,107.11	1/4	2,857.89	1/4	2,608.67	1/4	2,359.45	1/4	2,110.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,594.29	1/2	3,351.14	1/2	3,101.92	1/2	2,852.70	1/2	2,603.48	1/2	2,354.26	1/2	2,105.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,590.83	3/4	3,345.95	3/4	3,096.73	3/4	2,847.51	3/4	2,598.29	3/4	2,349.07	3/4	2,099.85
4	4	4	4	4	4	4	3,587.36	4	3,340.76	4	3,091.54	4	2,842.32	4	2,593.10	4	2,343.88	4	2,094.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,583.25	1/4	3,335.57	1/4	3,086.35	1/4	2,837.13	1/4	2,587.90	1/4	2,338.68	1/4	2,089.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,578.50	1/2	3,330.37	1/2	3,081.15	1/2	2,831.93	1/2	2,582.71	1/2	2,333.49	1/2	2,084.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,573.74	3/4	3,325.18	3/4	3,075.96	3/4	2,826.74	3/4	2,577.52	3/4	2,328.30	3/4	2,079.08
5	5	5	5	5	5	5	3,568.98	5	3,319.99	5	3,070.77	5	2,821.55	5	2,572.33	5	2,323.11	5	2,073.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,564.02	1/4	3,314.80	1/4	3,065.58	1/4	2,816.36	1/4	2,567.14	1/4	2,317.92	1/4	2,068.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,558.83	1/2	3,309.61	1/2	3,060.39	1/2	2,811.16	1/2	2,561.94	1/2	2,312.72	1/2	2,063.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,553.64	3/4	3,304.41	3/4	3,055.19	3/4	2,805.97	3/4	2,556.75	3/4	2,307.53	3/4	2,058.31
6	6	6	6	6	6	6	3,548.44	6	3,299.22	6	3,050.00	6	2,800.78	6	2,551.56	6	2,302.34	6	2,053.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,543.25	1/4	3,294.03	1/4	3,044.81	1/4	2,795.59	1/4	2,546.37	1/4	2,297.15	1/4	2,047.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,538.06	1/2	3,288.84	1/2	3,039.62	1/2	2,790.40	1/2	2,541.18	1/2	2,291.95	1/2	2,042.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,532.87	3/4	3,283.65	3/4	3,034.43	3/4	2,785.20	3/4	2,535.98	3/4	2,286.76	3/4	2,037.54
7	7	7	7	7	7	7	3,527.67	7	3,278.45	7	3,029.23	7	2,780.01	7	2,530.79	7	2,281.57	7	2,032.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,522.48	1/4	3,273.26	1/4	3,024.04	1/4	2,774.82	1/4	2,525.60	1/4	2,276.38	1/4	2,027.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,517.29	1/2	3,268.07	1/2	3,018.85	1/2	2,769.63	1/2	2,520.41	1/2	2,271.19	1/2	2,021.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,512.10	3/4	3,262.88	3/4	3,013.66	3/4	2,764.44	3/4	2,515.22	3/4	2,265.99	3/4	2,016.77
8	8	8	8	8	8	8	3,506.91	8	3,257.69	8	3,008.46	8	2,759.24	8	2,510.02	8	2,260.80	8	2,011.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,501.71	1/4	3,252.49	1/4	3,003.27	1/4	2,754.05	1/4	2,504.83	1/4	2,255.61	1/4	2,006.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,496.52	1/2	3,247.30	1/2	2,998.08	1/2	2,748.86	1/2	2,499.64	1/2	2,250.42	1/2	2,001.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,491.33	3/4	3,242.11	3/4	2,992.89	3/4	2,743.67	3/4	2,494.45	3/4	2,245.23	3/4	1,996.01
9	9	9	9	9	9	9	3,486.14	9	3,236.92	9	2,987.70	9	2,738.48	9	2,489.25	9	2,240.03	9	1,990.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,480.95	1/4	3,231.72	1/4	2,982.50	1/4	2,733.28	1/4	2,484.06	1/4	2,234.84	1/4	1,985.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,475.75	1/2	3,226.53	1/2	2,977.31	1/2	2,728.09	1/2	2,478.87	1/2	2,229.65	1/2	1,980.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,470.56	3/4	3,221.34	3/4	2,972.12	3/4	2,722.90	3/4	2,473.68	3/4	2,224.46	3/4	1,975.24
10	10	10	10	10	10	10	3,465.37	10	3,216.15	10	2,966.93	10	2,717.71	10	2,468.49	10	2,219.27	10	1,970.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,460.18	1/4	3,210.96	1/4	2,961.74	1/4	2,712.51	1/4	2,463.29	1/4	2,214.07	1/4	1,964.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,454.99	1/2	3,205.76	1/2	2,956.54	1/2	2,707.32	1/2	2,458.10	1/2	2,208.88	1/2	1,959.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,449.79	3/4	3,200.57	3/4	2,951.35	3/4	2,702.13	3/4	2,452.91	3/4	2,203.69	3/4	1,954.47
11	11	11	11	11	11	11	3,444.60	11	3,195.38	11	2,946.16	11	2,696.94	11	2,447.72	11	2,198.50	11	1,949.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,439.41	1/4	3,190.19	1/4	2,940.97	1/4	2,691.75	1/4	2,442.53	1/4	2,193.30	1/4	1,944.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,434.22	1/2	3,185.00	1/2	2,935.78	1/2	2,686.55	1/2	2,437.33	1/2	2,188.11	1/2	1,938.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,429.02	3/4	3,179.80	3/4	2,930.58	3/4	2,681.36	3/4	2,432.14	3/4	2,182.92	3/4	1,933.70

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 1'-00" OFF CENTERLINE AND 28'-11" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 11525"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 1/8"

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	1,928.51	0	1,679.29	0	1,430.07	0	1,180.85	0	931.62	0	686.28	0	439.31	0	190.11	0		0	
1/4	1,923.32	1/4	1,674.09	1/4	1,424.87	1/4	1,175.65	1/4	926.43	1/4	681.24	1/4	434.12	1/4	184.92	1/4		1/4	
1/2	1,918.12	1/2	1,668.90	1/2	1,419.68	1/2	1,170.46	1/2	921.24	1/2	676.20	1/2	428.93	1/2	179.73	1/2		1/2	
3/4	1,912.93	3/4	1,663.71	3/4	1,414.49	3/4	1,165.27	3/4	916.05	3/4	671.17	3/4	423.73	3/4	174.54	3/4		3/4	
1	1,907.74	1	1,658.52	1	1,409.30	1	1,160.08	1	910.86	1	666.13	1	418.54	1	169.35	1		1	
1/4	1,902.55	1/4	1,653.33	1/4	1,404.11	1/4	1,154.88	1/4	905.66	1/4	661.09	1/4	413.35	1/4	164.15	1/4		1/4	
1/2	1,897.36	1/2	1,648.13	1/2	1,398.91	1/2	1,149.69	1/2	900.47	1/2	656.05	1/2	408.16	1/2	158.96	1/2		1/2	
3/4	1,892.16	3/4	1,642.94	3/4	1,393.72	3/4	1,144.50	3/4	895.28	3/4	651.01	3/4	402.97	3/4	153.77	3/4		3/4	
2	1,886.97	2	1,637.75	2	1,388.53	2	1,139.31	2	890.09	2	645.97	2	397.78	2	148.58	2		2	
1/4	1,881.78	1/4	1,632.56	1/4	1,383.34	1/4	1,134.12	1/4	884.90	1/4	640.93	1/4	392.58	1/4	143.39	1/4		1/4	
1/2	1,876.59	1/2	1,627.37	1/2	1,378.15	1/2	1,128.92	1/2	879.70	1/2	635.89	1/2	387.39	1/2	138.20	1/2		1/2	
3/4	1,871.39	3/4	1,622.17	3/4	1,372.95	3/4	1,123.73	3/4	874.51	3/4	630.85	3/4	382.20	3/4	133.00	3/4		3/4	
3	1,866.20	3	1,616.98	3	1,367.76	3	1,118.54	3	869.32	3	625.81	3	377.01	3	127.81	3		3	
1/4	1,861.01	1/4	1,611.79	1/4	1,362.57	1/4	1,113.35	1/4	864.13	1/4	620.73	1/4	371.82	1/4	122.62	1/4		1/4	
1/2	1,855.82	1/2	1,606.60	1/2	1,357.38	1/2	1,108.16	1/2	858.94	1/2	615.62	1/2	366.63	1/2	117.43	1/2		1/2	
3/4	1,850.63	3/4	1,601.41	3/4	1,352.18	3/4	1,102.96	3/4	853.74	3/4	610.50	3/4	361.43	3/4	112.24	3/4		3/4	
4	1,845.43	4	1,596.21	4	1,346.99	4	1,097.77	4	848.55	4	605.39	4	356.24	4	107.05	4		4	
1/4	1,840.24	1/4	1,591.02	1/4	1,341.80	1/4	1,092.58	1/4	843.36	1/4	600.23	1/4	351.05	1/4	101.85	1/4		1/4	
1/2	1,835.05	1/2	1,585.83	1/2	1,336.61	1/2	1,087.39	1/2	838.17	1/2	595.04	1/2	345.86	1/2	96.66	1/2		1/2	
3/4	1,829.86	3/4	1,580.64	3/4	1,331.42	3/4	1,082.20	3/4	832.97	3/4	589.85	3/4	340.67	3/4	91.47	3/4		3/4	
5	1,824.67	5	1,575.45	5	1,326.22	5	1,077.00	5	827.78	5	584.66	5	335.48	5	86.28	5		5	
1/4	1,819.47	1/4	1,570.25	1/4	1,321.03	1/4	1,071.81	1/4	822.63	1/4	579.47	1/4	330.28	1/4	81.09	1/4		1/4	
1/2	1,814.28	1/2	1,565.06	1/2	1,315.84	1/2	1,066.62	1/2	817.51	1/2	574.28	1/2	325.09	1/2	75.90	1/2		1/2	
3/4	1,809.09	3/4	1,559.87	3/4	1,310.65	3/4	1,061.43	3/4	812.40	3/4	569.09	3/4	319.90	3/4	70.70	3/4		3/4	
6	1,803.90	6	1,554.68	6	1,305.46	6	1,056.24	6	807.28	6	563.90	6	314.71	6	65.51	6		6	
1/4	1,798.71	1/4	1,549.48	1/4	1,300.26	1/4	1,051.04	1/4	802.20	1/4	558.71	1/4	309.52	1/4	60.32	1/4		1/4	
1/2	1,793.51	1/2	1,544.29	1/2	1,295.07	1/2	1,045.85	1/2	797.16	1/2	553.52	1/2	304.33	1/2	55.13	1/2		1/2	
3/4	1,788.32	3/4	1,539.10	3/4	1,289.88	3/4	1,040.66	3/4	792.12	3/4	548.33	3/4	299.14	3/4	49.94	3/4		3/4	
7	1,783.13	7	1,533.91	7	1,284.69	7	1,035.47	7	787.08	7	543.14	7	293.94	7	44.75	7		7	
1/4	1,777.94	1/4	1,528.72	1/4	1,279.50	1/4	1,030.27	1/4	782.04	1/4	537.95	1/4	288.75	1/4	39.77	1/4		1/4	
1/2	1,772.74	1/2	1,523.52	1/2	1,274.30	1/2	1,025.08	1/2	777.00	1/2	532.76	1/2	283.56	1/2	35.01	1/2		1/2	
3/4	1,767.55	3/4	1,518.33	3/4	1,269.11	3/4	1,019.89	3/4	771.96	3/4	527.57	3/4	278.37	3/4	30.25	3/4		3/4	
8	1,762.36	8	1,513.14	8	1,263.92	8	1,014.70	8	766.92	8	522.37	8	273.18	8	25.50	8		8	
1/4	1,757.17	1/4	1,507.95	1/4	1,258.73	1/4	1,009.51	1/4	761.88	1/4	517.18	1/4	267.99	1/4	21.39	1/4		1/4	
1/2	1,751.98	1/2	1,502.76	1/2	1,253.53	1/2	1,004.31	1/2	756.84	1/2	511.99	1/2	262.79	1/2	17.92	1/2		1/2	
3/4	1,746.78	3/4	1,497.56	3/4	1,248.34	3/4	999.12	3/4	751.80	3/4	506.80	3/4	257.60	3/4	14.46	3/4		3/4	
9	1,741.59	9	1,492.37	9	1,243.15	9	993.93	9	746.76	9	501.61	9	252.41	9	11.00	9		9	
1/4	1,736.40	1/4	1,487.18	1/4	1,237.96	1/4	988.74	1/4	741.72	1/4	496.42	1/4	247.22	1/4	8.41	1/4		1/4	
1/2	1,731.21	1/2	1,481.99	1/2	1,232.77	1/2	983.55	1/2	736.68	1/2	491.22	1/2	242.03	1/2	6.68	1/2		1/2	
3/4	1,726.02	3/4	1,476.80	3/4	1,227.57	3/4	978.35	3/4	731.64	3/4	486.03	3/4	236.84	3/4	4.95	3/4		3/4	
10	1,720.82	10	1,471.60	10	1,222.38	10	973.16	10	726.60	10	480.84	10	231.64	10	3.22	10		10	
1/4	1,715.63	1/4	1,466.41	1/4	1,217.19	1/4	967.97	1/4	721.56	1/4	475.65	1/4	226.45	1/4	2.35	1/4		1/4	
1/2	1,710.44	1/2	1,461.22	1/2	1,212.00	1/2	962.78	1/2	716.52	1/2	470.46	1/2	221.26	1/2		1/2		1/2	
3/4	1,705.25	3/4	1,456.03	3/4	1,206.81	3/4	957.59	3/4	711.48	3/4	465.27	3/4	216.07	3/4		3/4		3/4	
11	1,700.06	11	1,450.83	11	1,201.61	11	952.39	11	706.44	11	460.07	11	210.88	11		11		11	
1/4	1,694.86	1/4	1,445.64	1/4	1,196.42	1/4	947.20	1/4	701.40	1/4	454.88	1/4	205.69	1/4		1/4		1/4	
1/2	1,689.67	1/2	1,440.45	1/2	1,191.23	1/2	942.01	1/2	696.36	1/2	449.69	1/2	200.49	1/2		1/2		1/2	
3/4	1,684.48	3/4	1,435.26	3/4	1,186.04	3/4	936.82	3/4	691.32	3/4	444.50	3/4	195.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2005 CL - SW
CALCULATED: 09/30/2005 CL
PRINTED: 09/30/2005 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2005

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



BARGE "KIRBY 11525"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-09 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	0	0	0	3,402.68	0	3,154.85	0	2,907.02	0	2,659.19	0	2,411.36	0	2,163.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,397.51	1/4	3,149.68	1/4	2,901.86	1/4	2,654.03	1/4	2,406.20	1/4	2,158.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,392.35	1/2	3,144.52	1/2	2,896.69	1/2	2,648.86	1/2	2,401.04	1/2	2,153.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,387.19	3/4	3,139.36	3/4	2,891.53	3/4	2,643.70	3/4	2,395.87	3/4	2,148.04		
1	1	1	1	1	1	1	3,382.02	1	3,134.20	1	2,886.37	1	2,638.54	1	2,390.71	1	2,142.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,376.86	1/4	3,129.03	1/4	2,881.20	1/4	2,633.37	1/4	2,385.55	1/4	2,137.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,371.70	1/2	3,123.87	1/2	2,876.04	1/2	2,628.21	1/2	2,380.38	1/2	2,132.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,591.98	3/4	3,366.53	3/4	3,118.71	3/4	2,870.88	3/4	2,623.05	3/4	2,375.22	3/4	2,127.39
2	2	2	2	2	2	2	3,590.26	2	3,361.37	2	3,113.54	2	2,865.71	2	2,617.89	2	2,370.06	2	2,122.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,588.53	1/4	3,356.21	1/4	3,108.38	1/4	2,860.55	1/4	2,612.72	1/4	2,364.89	1/4	2,117.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,586.81	1/2	3,351.05	1/2	3,103.22	1/2	2,855.39	1/2	2,607.56	1/2	2,359.73	1/2	2,111.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,585.09	3/4	3,345.88	3/4	3,098.05	3/4	2,850.22	3/4	2,602.40	3/4	2,354.57	3/4	2,106.74
3	3	3	3	3	3	3	3,581.65	3	3,340.72	3	3,092.89	3	2,845.06	3	2,597.23	3	2,349.40	3	2,101.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,578.21	1/4	3,335.56	1/4	3,087.73	1/4	2,839.90	1/4	2,592.07	1/4	2,344.24	1/4	2,096.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,574.77	1/2	3,330.39	1/2	3,082.56	1/2	2,834.74	1/2	2,586.91	1/2	2,339.08	1/2	2,091.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,571.33	3/4	3,325.23	3/4	3,077.40	3/4	2,829.57	3/4	2,581.74	3/4	2,333.91	3/4	2,086.09
4	4	4	4	4	4	4	3,566.60	4	3,320.07	4	3,072.24	4	2,824.41	4	2,576.58	4	2,328.75	4	2,080.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,561.87	1/4	3,314.90	1/4	3,067.08	1/4	2,819.25	1/4	2,571.42	1/4	2,323.59	1/4	2,075.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,557.14	1/2	3,309.74	1/2	3,061.91	1/2	2,814.08	1/2	2,566.25	1/2	2,318.43	1/2	2,070.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,552.41	3/4	3,304.58	3/4	3,056.75	3/4	2,808.92	3/4	2,561.09	3/4	2,313.26	3/4	2,065.43
5	5	5	5	5	5	5	3,547.24	5	3,299.41	5	3,051.59	5	2,803.76	5	2,555.93	5	2,308.10	5	2,060.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,542.08	1/4	3,294.25	1/4	3,046.42	1/4	2,798.59	1/4	2,550.77	1/4	2,302.94	1/4	2,055.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,536.92	1/2	3,289.09	1/2	3,041.26	1/2	2,793.43	1/2	2,545.60	1/2	2,297.77	1/2	2,049.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,531.75	3/4	3,283.93	3/4	3,036.10	3/4	2,788.27	3/4	2,540.44	3/4	2,292.61	3/4	2,044.78
6	6	6	6	6	6	6	3,526.59	6	3,278.76	6	3,030.93	6	2,783.10	6	2,535.28	6	2,287.45	6	2,039.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,521.43	1/4	3,273.60	1/4	3,025.77	1/4	2,777.94	1/4	2,530.11	1/4	2,282.28	1/4	2,034.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,516.26	1/2	3,268.44	1/2	3,020.61	1/2	2,772.78	1/2	2,524.95	1/2	2,277.12	1/2	2,029.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,511.10	3/4	3,263.27	3/4	3,015.44	3/4	2,767.62	3/4	2,519.79	3/4	2,271.96	3/4	2,024.13
7	7	7	7	7	7	7	3,505.94	7	3,258.11	7	3,010.28	7	2,762.45	7	2,514.62	7	2,266.79	7	2,018.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,500.78	1/4	3,252.95	1/4	3,005.12	1/4	2,757.29	1/4	2,509.46	1/4	2,261.63	1/4	2,013.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,495.61	1/2	3,247.78	1/2	2,999.95	1/2	2,752.13	1/2	2,504.30	1/2	2,256.47	1/2	2,008.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,490.45	3/4	3,242.62	3/4	2,994.79	3/4	2,746.96	3/4	2,499.13	3/4	2,251.31	3/4	2,003.48
8	8	8	8	8	8	8	3,485.29	8	3,237.46	8	2,989.63	8	2,741.80	8	2,493.97	8	2,246.14	8	1,998.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,480.12	1/4	3,232.29	1/4	2,984.47	1/4	2,736.64	1/4	2,488.81	1/4	2,240.98	1/4	1,993.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,474.96	1/2	3,227.13	1/2	2,979.30	1/2	2,731.47	1/2	2,483.64	1/2	2,235.82	1/2	1,987.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,469.80	3/4	3,221.97	3/4	2,974.14	3/4	2,726.31	3/4	2,478.48	3/4	2,230.65	3/4	1,982.82
9	9	9	9	9	9	9	3,464.63	9	3,216.80	9	2,968.98	9	2,721.15	9	2,473.32	9	2,225.49	9	1,977.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,459.47	1/4	3,211.64	1/4	2,963.81	1/4	2,715.98	1/4	2,468.16	1/4	2,220.33	1/4	1,972.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,454.31	1/2	3,206.48	1/2	2,958.65	1/2	2,710.82	1/2	2,462.99	1/2	2,215.16	1/2	1,967.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,449.14	3/4	3,201.32	3/4	2,953.49	3/4	2,705.66	3/4	2,457.83	3/4	2,210.00	3/4	1,962.17
10	10	10	10	10	10	10	3,443.98	10	3,196.15	10	2,948.32	10	2,700.49	10	2,452.67	10	2,204.84	10	1,957.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,438.82	1/4	3,190.99	1/4	2,943.16	1/4	2,695.33	1/4	2,447.50	1/4	2,199.67	1/4	1,951.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,433.66	1/2	3,185.83	1/2	2,938.00	1/2	2,690.17	1/2	2,442.34	1/2	2,194.51	1/2	1,946.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,428.49	3/4	3,180.66	3/4	2,932.83	3/4	2,685.01	3/4	2,437.18	3/4	2,189.35	3/4	1,941.52
11	11	11	11	11	11	11	3,423.33	11	3,175.50	11	2,927.67	11	2,679.84	11	2,432.01	11	2,184.18	11	1,936.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,418.17	1/4	3,170.34	1/4	2,922.51	1/4	2,674.68	1/4	2,426.85	1/4	2,179.02	1/4	1,931.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,413.00	1/2	3,165.17	1/2	2,917.35	1/2	2,669.52	1/2	2,421.69	1/2	2,173.86	1/2	1,926.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,407.84	3/4	3,160.01	3/4	2,912.18	3/4	2,664.35	3/4	2,416.52	3/4	2,168.70	3/4	1,920.87

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 1'-00" OFF CENTERLINE AND 28'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 11525"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-09 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	1,915.70	0	1,667.87	0	1,420.05	0	1,172.22	0	924.39	0	676.82	0	429.14	0	181.32	0		0	
1/4	1,910.54	1/4	1,662.71	1/4	1,414.88	1/4	1,167.05	1/4	919.23	1/4	671.67	1/4	423.97	1/4	176.16	1/4		1/4	
1/2	1,905.38	1/2	1,657.55	1/2	1,409.72	1/2	1,161.89	1/2	914.06	1/2	666.52	1/2	418.81	1/2	171.00	1/2		1/2	
3/4	1,900.21	3/4	1,652.39	3/4	1,404.56	3/4	1,156.73	3/4	908.90	3/4	661.36	3/4	413.65	3/4	165.83	3/4		3/4	
1	1,895.05	1	1,647.22	1	1,399.39	1	1,151.56	1	903.74	1	656.21	1	408.48	1	160.67	1		1	
1/4	1,889.89	1/4	1,642.06	1/4	1,394.23	1/4	1,146.40	1/4	898.57	1/4	651.06	1/4	403.32	1/4	155.51	1/4		1/4	
1/2	1,884.73	1/2	1,636.90	1/2	1,389.07	1/2	1,141.24	1/2	893.41	1/2	645.91	1/2	398.16	1/2	150.34	1/2		1/2	
3/4	1,879.56	3/4	1,631.73	3/4	1,383.90	3/4	1,136.08	3/4	888.25	3/4	640.75	3/4	393.00	3/4	145.18	3/4		3/4	
2	1,874.40	2	1,626.57	2	1,378.74	2	1,130.91	2	883.08	2	635.60	2	387.83	2	140.02	2		2	
1/4	1,869.24	1/4	1,621.41	1/4	1,373.58	1/4	1,125.75	1/4	877.92	1/4	630.45	1/4	382.67	1/4	134.86	1/4		1/4	
1/2	1,864.07	1/2	1,616.24	1/2	1,368.42	1/2	1,120.59	1/2	872.76	1/2	625.29	1/2	377.51	1/2	129.69	1/2		1/2	
3/4	1,858.91	3/4	1,611.08	3/4	1,363.25	3/4	1,115.42	3/4	867.59	3/4	620.14	3/4	372.34	3/4	124.53	3/4		3/4	
3	1,853.75	3	1,605.92	3	1,358.09	3	1,110.26	3	862.43	3	614.98	3	367.18	3	119.37	3		3	
1/4	1,848.58	1/4	1,600.75	1/4	1,352.93	1/4	1,105.10	1/4	857.27	1/4	609.82	1/4	362.02	1/4	114.20	1/4		1/4	
1/2	1,843.42	1/2	1,595.59	1/2	1,347.76	1/2	1,099.93	1/2	852.11	1/2	604.67	1/2	356.86	1/2	109.04	1/2		1/2	
3/4	1,838.26	3/4	1,590.43	3/4	1,342.60	3/4	1,094.77	3/4	846.94	3/4	599.51	3/4	351.69	3/4	103.88	3/4		3/4	
4	1,833.09	4	1,585.27	4	1,337.44	4	1,089.61	4	841.78	4	594.35	4	346.53	4	98.72	4		4	
1/4	1,827.93	1/4	1,580.10	1/4	1,332.27	1/4	1,084.44	1/4	836.62	1/4	589.18	1/4	341.37	1/4	93.55	1/4		1/4	
1/2	1,822.77	1/2	1,574.94	1/2	1,327.11	1/2	1,079.28	1/2	831.45	1/2	584.02	1/2	336.21	1/2	88.39	1/2		1/2	
3/4	1,817.60	3/4	1,569.78	3/4	1,321.95	3/4	1,074.12	3/4	826.29	3/4	578.86	3/4	331.04	3/4	83.23	3/4		3/4	
5	1,812.44	5	1,564.61	5	1,316.78	5	1,068.96	5	821.13	5	573.70	5	325.88	5	78.07	5		5	
1/4	1,807.28	1/4	1,559.45	1/4	1,311.62	1/4	1,063.79	1/4	815.97	1/4	568.53	1/4	320.72	1/4	72.90	1/4		1/4	
1/2	1,802.12	1/2	1,554.29	1/2	1,306.46	1/2	1,058.63	1/2	810.81	1/2	563.37	1/2	315.55	1/2	67.74	1/2		1/2	
3/4	1,796.95	3/4	1,549.12	3/4	1,301.29	3/4	1,053.47	3/4	805.66	3/4	558.21	3/4	310.39	3/4	62.58	3/4		3/4	
6	1,791.79	6	1,543.96	6	1,296.13	6	1,048.30	6	800.50	6	553.04	6	305.23	6	57.41	6		6	
1/4	1,786.63	1/4	1,538.80	1/4	1,290.97	1/4	1,043.14	1/4	795.35	1/4	547.88	1/4	300.07	1/4	52.25	1/4		1/4	
1/2	1,781.46	1/2	1,533.63	1/2	1,285.81	1/2	1,037.98	1/2	790.19	1/2	542.72	1/2	294.90	1/2	47.09	1/2		1/2	
3/4	1,776.30	3/4	1,528.47	3/4	1,280.64	3/4	1,032.81	3/4	785.04	3/4	537.55	3/4	289.74	3/4	41.93	3/4		3/4	
7	1,771.14	7	1,523.31	7	1,275.48	7	1,027.65	7	779.88	7	532.39	7	284.58	7	37.19	7		7	
1/4	1,765.97	1/4	1,518.15	1/4	1,270.32	1/4	1,022.49	1/4	774.73	1/4	527.23	1/4	279.41	1/4	32.46	1/4		1/4	
1/2	1,760.81	1/2	1,512.98	1/2	1,265.15	1/2	1,017.32	1/2	769.58	1/2	522.07	1/2	274.25	1/2	27.73	1/2		1/2	
3/4	1,755.65	3/4	1,507.82	3/4	1,259.99	3/4	1,012.16	3/4	764.42	3/4	516.90	3/4	269.09	3/4	23.00	3/4		3/4	
8	1,750.48	8	1,502.66	8	1,254.83	8	1,007.00	8	759.27	8	511.74	8	263.93	8	19.55	8		8	
1/4	1,745.32	1/4	1,497.49	1/4	1,249.66	1/4	1,001.84	1/4	754.12	1/4	506.58	1/4	258.76	1/4	16.11	1/4		1/4	
1/2	1,740.16	1/2	1,492.33	1/2	1,244.50	1/2	996.67	1/2	748.97	1/2	501.41	1/2	253.60	1/2	12.67	1/2		1/2	
3/4	1,735.00	3/4	1,487.17	3/4	1,239.34	3/4	991.51	3/4	743.81	3/4	496.25	3/4	248.44	3/4	9.23	3/4		3/4	
9	1,729.83	9	1,482.00	9	1,234.17	9	986.35	9	738.66	9	491.09	9	243.27	9	7.51	9		9	
1/4	1,724.67	1/4	1,476.84	1/4	1,229.01	1/4	981.18	1/4	733.51	1/4	485.93	1/4	238.11	1/4	5.79	1/4		1/4	
1/2	1,719.51	1/2	1,471.68	1/2	1,223.85	1/2	976.02	1/2	728.35	1/2	480.76	1/2	232.95	1/2	4.07	1/2		1/2	
3/4	1,714.34	3/4	1,466.51	3/4	1,218.69	3/4	970.86	3/4	723.20	3/4	475.60	3/4	227.79	3/4	2.35	3/4		3/4	
10	1,709.18	10	1,461.35	10	1,213.52	10	965.69	10	718.05	10	470.44	10	222.62	10		10		10	
1/4	1,704.02	1/4	1,456.19	1/4	1,208.36	1/4	960.53	1/4	712.89	1/4	465.28	1/4	217.46	1/4		1/4		1/4	
1/2	1,698.85	1/2	1,451.02	1/2	1,203.20	1/2	955.37	1/2	707.74	1/2	460.11	1/2	212.30	1/2		1/2		1/2	
3/4	1,693.69	3/4	1,445.86	3/4	1,198.03	3/4	950.20	3/4	702.59	3/4	454.95	3/4	207.14	3/4		3/4		3/4	
11	1,688.53	11	1,440.70	11	1,192.87	11	945.04	11	697.44	11	449.79	11	201.97	11		11		11	
1/4	1,683.36	1/4	1,435.54	1/4	1,187.71	1/4	939.88	1/4	692.28	1/4	444.62	1/4	196.81	1/4		1/4		1/4	
1/2	1,678.20	1/2	1,430.37	1/2	1,182.54	1/2	934.71	1/2	687.13	1/2	439.46	1/2	191.65	1/2		1/2		1/2	
3/4	1,673.04	3/4	1,425.21	3/4	1,177.38	3/4	929.55	3/4	681.98	3/4	434.30	3/4	186.48	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2005 CL - SW
CALCULATED: 09/30/2005 CL
PRINTED: 09/30/2005 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2005

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