



BARGE "KIRBY 28724"

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 PORT	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
1 STBD	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
2 PORT	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
2 STBD	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
3 PORT	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
3 STBD	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8

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

LENGTH BETWEEN DRAFT MARKS: 241'-03"

January 17, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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		0	4,532.02	0	4,189.37	0	3,828.73	0	3,463.12	0	3,097.51	0	2,731.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,525.06	1/4	4,182.03	1/4	3,821.12	1/4	3,455.50	1/4	3,089.89	1/4	2,724.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,836.24	1/2	4,518.10	1/2	4,174.68	1/2	3,813.50	1/2	3,447.89	1/2	3,082.28	1/2	2,716.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,831.80	3/4	4,511.14	3/4	4,167.33	3/4	3,805.88	3/4	3,440.27	3/4	3,074.66	3/4	2,709.00
1		1		1		1		1	4,827.35	1	4,504.18	1	4,159.98	1	3,798.26	1	3,432.65	1	3,067.04	1	2,701.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,821.64	1/4	4,497.19	1/4	4,152.60	1/4	3,790.65	1/4	3,425.04	1/4	3,059.43	1/4	2,693.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,815.92	1/2	4,490.20	1/2	4,145.21	1/2	3,783.03	1/2	3,417.42	1/2	3,051.81	1/2	2,686.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,810.20	3/4	4,483.20	3/4	4,137.83	3/4	3,775.41	3/4	3,409.80	3/4	3,044.19	3/4	2,678.52
2		2		2		2		2	4,804.49	2	4,476.21	2	4,130.45	2	3,767.80	2	3,402.19	2	3,036.57	2	2,670.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,797.51	1/4	4,469.19	1/4	4,123.04	1/4	3,760.18	1/4	3,394.57	1/4	3,028.96	1/4	2,663.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.52	1/2	4,462.16	1/2	4,115.62	1/2	3,752.56	1/2	3,386.95	1/2	3,021.34	1/2	2,655.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,783.54	3/4	4,455.14	3/4	4,108.21	3/4	3,744.95	3/4	3,379.34	3/4	3,013.72	3/4	2,648.04
3		3		3		3		3	4,776.55	3	4,448.11	3	4,100.80	3	3,737.33	3	3,371.72	3	3,006.11	3	2,640.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,769.92	1/4	4,441.05	1/4	4,093.35	1/4	3,729.71	1/4	3,364.10	1/4	2,998.49	1/4	2,632.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,763.29	1/2	4,434.00	1/2	4,085.90	1/2	3,722.10	1/2	3,356.48	1/2	2,990.87	1/2	2,625.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,756.66	3/4	4,426.94	3/4	4,078.46	3/4	3,714.48	3/4	3,348.87	3/4	2,983.26	3/4	2,617.56
4		4		4		4		4	4,750.02	4	4,419.88	4	4,071.01	4	3,706.86	4	3,341.25	4	2,975.64	4	2,609.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,743.33	1/4	4,412.79	1/4	4,063.53	1/4	3,699.24	1/4	3,333.63	1/4	2,968.02	1/4	2,602.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,736.64	1/2	4,405.70	1/2	4,056.05	1/2	3,691.63	1/2	3,326.02	1/2	2,960.41	1/2	2,594.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,729.95	3/4	4,398.61	3/4	4,048.57	3/4	3,684.01	3/4	3,318.40	3/4	2,952.79	3/4	2,587.07
5		5		5		5		5	4,723.26	5	4,391.52	5	4,041.09	5	3,676.39	5	3,310.78	5	2,945.17	5	2,579.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,716.53	1/4	4,384.40	1/4	4,033.58	1/4	3,668.78	1/4	3,303.17	1/4	2,937.55	1/4	2,571.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,709.80	1/2	4,377.28	1/2	4,026.07	1/2	3,661.16	1/2	3,295.55	1/2	2,929.94	1/2	2,564.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,703.07	3/4	4,370.15	3/4	4,018.56	3/4	3,653.54	3/4	3,287.93	3/4	2,922.32	3/4	2,556.59
6		6		6		6		6	4,696.34	6	4,363.03	6	4,011.05	6	3,645.93	6	3,280.32	6	2,914.70	6	2,548.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,689.57	1/4	4,355.88	1/4	4,003.50	1/4	3,638.31	1/4	3,272.70	1/4	2,907.09	1/4	2,541.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,682.81	1/2	4,348.72	1/2	3,995.96	1/2	3,630.69	1/2	3,265.08	1/2	2,899.47	1/2	2,533.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,676.04	3/4	4,341.57	3/4	3,988.42	3/4	3,623.08	3/4	3,257.46	3/4	2,891.85	3/4	2,526.11
7		7		7		7		7	4,669.28	7	4,334.41	7	3,980.87	7	3,615.46	7	3,249.85	7	2,884.24	7	2,518.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,662.48	1/4	4,327.23	1/4	3,973.30	1/4	3,607.84	1/4	3,242.23	1/4	2,876.62	1/4	2,510.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,655.68	1/2	4,320.04	1/2	3,965.72	1/2	3,600.23	1/2	3,234.61	1/2	2,869.00	1/2	2,503.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,648.88	3/4	4,312.85	3/4	3,958.14	3/4	3,592.61	3/4	3,227.00	3/4	2,861.39	3/4	2,495.62
8		8		8		8		8	4,642.09	8	4,305.67	8	3,950.57	8	3,584.99	8	3,219.38	8	2,853.77	8	2,488.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,635.26	1/4	4,298.45	1/4	3,942.96	1/4	3,577.37	1/4	3,211.76	1/4	2,846.15	1/4	2,480.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,628.42	1/2	4,291.23	1/2	3,935.35	1/2	3,569.76	1/2	3,204.15	1/2	2,838.54	1/2	2,472.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,621.59	3/4	4,284.01	3/4	3,927.74	3/4	3,562.14	3/4	3,196.53	3/4	2,830.92	3/4	2,465.14
9		9		9		9		9	4,614.76	9	4,276.79	9	3,920.13	9	3,554.52	9	3,188.91	9	2,823.30	9	2,457.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,607.90	1/4	4,269.54	1/4	3,912.52	1/4	3,546.91	1/4	3,181.30	1/4	2,815.68	1/4	2,449.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,601.04	1/2	4,262.28	1/2	3,904.90	1/2	3,539.29	1/2	3,173.68	1/2	2,808.07	1/2	2,442.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,594.18	3/4	4,255.03	3/4	3,897.28	3/4	3,531.67	3/4	3,166.06	3/4	2,800.45	3/4	2,434.66
10		10		10		10		10	4,587.31	10	4,247.78	10	3,889.67	10	3,524.06	10	3,158.44	10	2,792.83	10	2,427.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,580.42	1/4	4,240.50	1/4	3,882.05	1/4	3,516.44	1/4	3,150.83	1/4	2,785.21	1/4	2,419.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,573.52	1/2	4,233.21	1/2	3,874.43	1/2	3,508.82	1/2	3,143.21	1/2	2,777.59	1/2	2,411.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,566.63	3/4	4,225.93	3/4	3,866.82	3/4	3,501.21	3/4	3,135.59	3/4	2,769.97	3/4	2,404.17
11		11		11		11		11	4,559.73	11	4,218.64	11	3,859.20	11	3,493.59	11	3,127.98	11	2,762.35	11	2,396.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,552.80	1/4	4,211.33	1/4	3,851.58	1/4	3,485.97	1/4	3,120.36	1/4	2,754.73	1/4	2,388.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,545.88	1/2	4,204.01	1/2	3,843.97	1/2	3,478.35	1/2	3,112.74	1/2	2,747.11	1/2	2,381.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,538.95	3/4	4,196.69	3/4	3,836.35	3/4	3,470.74	3/4	3,105.13	3/4	2,739.49	3/4	2,373.69

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 12'-09" OFF CENTERLINE AND 52'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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	2,366.07	0	2,000.27	0	1,634.47	0	1,268.67	0	903.68	0	538.00	0	187.06	0		0		0	
1/4	2,358.45	1/4	1,992.65	1/4	1,626.85	1/4	1,261.05	1/4	896.07	1/4	530.38	1/4	180.55	1/4	1/4	1/4		1/4	
1/2	2,350.83	1/2	1,985.03	1/2	1,619.23	1/2	1,253.43	1/2	888.46	1/2	522.76	1/2	174.05	1/2	1/2	1/2		1/2	
3/4	2,343.21	3/4	1,977.41	3/4	1,611.61	3/4	1,245.81	3/4	880.86	3/4	515.14	3/4	167.54	3/4	3/4	3/4		3/4	
1	2,335.59	1	1,969.79	1	1,603.99	1	1,238.19	1	873.25	1	507.52	1	161.04	1		1		1	
1/4	2,327.96	1/4	1,962.17	1/4	1,596.37	1/4	1,230.57	1/4	865.64	1/4	499.90	1/4	154.62	1/4	1/4	1/4		1/4	
1/2	2,320.34	1/2	1,954.55	1/2	1,588.75	1/2	1,222.95	1/2	858.04	1/2	492.28	1/2	148.21	1/2	1/2	1/2		1/2	
3/4	2,312.72	3/4	1,946.92	3/4	1,581.13	3/4	1,215.33	3/4	850.43	3/4	484.66	3/4	141.80	3/4	3/4	3/4		3/4	
2	2,305.10	2	1,939.30	2	1,573.51	2	1,207.71	2	842.82	2	477.04	2	135.39	2		2		2	
1/4	2,297.48	1/4	1,931.68	1/4	1,565.88	1/4	1,200.09	1/4	835.20	1/4	469.41	1/4	129.08	1/4	1/4	1/4		1/4	
1/2	2,289.86	1/2	1,924.06	1/2	1,558.26	1/2	1,192.47	1/2	827.58	1/2	461.79	1/2	122.77	1/2	1/2	1/2		1/2	
3/4	2,282.24	3/4	1,916.44	3/4	1,550.64	3/4	1,184.84	3/4	819.96	3/4	454.17	3/4	116.45	3/4	3/4	3/4		3/4	
3	2,274.62	3	1,908.82	3	1,543.02	3	1,177.22	3	812.34	3	446.55	3	110.14	3		3		3	
1/4	2,267.00	1/4	1,901.20	1/4	1,535.40	1/4	1,169.60	1/4	804.72	1/4	438.98	1/4	103.94	1/4	1/4	1/4		1/4	
1/2	2,259.38	1/2	1,893.58	1/2	1,527.78	1/2	1,161.98	1/2	797.10	1/2	431.40	1/2	97.73	1/2	1/2	1/2		1/2	
3/4	2,251.76	3/4	1,885.96	3/4	1,520.16	3/4	1,154.36	3/4	789.48	3/4	423.83	3/4	91.53	3/4	3/4	3/4		3/4	
4	2,244.14	4	1,878.34	4	1,512.54	4	1,146.74	4	781.86	4	416.25	4	85.32	4		4		4	
1/4	2,236.52	1/4	1,870.72	1/4	1,504.92	1/4	1,139.16	1/4	774.24	1/4	408.77	1/4	79.22	1/4	1/4	1/4		1/4	
1/2	2,228.89	1/2	1,863.10	1/2	1,497.30	1/2	1,131.58	1/2	766.62	1/2	401.28	1/2	73.11	1/2	1/2	1/2		1/2	
3/4	2,221.27	3/4	1,855.48	3/4	1,489.68	3/4	1,124.01	3/4	759.00	3/4	393.80	3/4	67.01	3/4	3/4	3/4		3/4	
5	2,213.65	5	1,847.85	5	1,482.06	5	1,116.43	5	751.38	5	386.31	5	60.90	5		5		5	
1/4	2,206.03	1/4	1,840.23	1/4	1,474.44	1/4	1,108.85	1/4	743.76	1/4	378.92	1/4	54.93	1/4	1/4	1/4		1/4	
1/2	2,198.41	1/2	1,832.61	1/2	1,466.81	1/2	1,101.27	1/2	736.14	1/2	371.53	1/2	48.96	1/2	1/2	1/2		1/2	
3/4	2,190.79	3/4	1,824.99	3/4	1,459.19	3/4	1,093.69	3/4	728.52	3/4	364.13	3/4	42.99	3/4	3/4	3/4		3/4	
6	2,183.17	6	1,817.37	6	1,451.57	6	1,086.11	6	720.89	6	356.74	6	37.02	6		6		6	
1/4	2,175.55	1/4	1,809.75	1/4	1,443.95	1/4	1,078.51	1/4	713.27	1/4	349.43	1/4	31.76	1/4	1/4	1/4		1/4	
1/2	2,167.93	1/2	1,802.13	1/2	1,436.33	1/2	1,070.91	1/2	705.65	1/2	342.13	1/2	26.50	1/2	1/2	1/2		1/2	
3/4	2,160.31	3/4	1,794.51	3/4	1,428.71	3/4	1,063.31	3/4	698.03	3/4	334.83	3/4	21.24	3/4	3/4	3/4		3/4	
7	2,152.69	7	1,786.89	7	1,421.09	7	1,055.71	7	690.41	7	327.52	7	15.98	7		7		7	
1/4	2,145.07	1/4	1,779.27	1/4	1,413.47	1/4	1,048.11	1/4	682.79	1/4	320.31	1/4	12.72	1/4	1/4	1/4		1/4	
1/2	2,137.44	1/2	1,771.65	1/2	1,405.85	1/2	1,040.51	1/2	675.17	1/2	313.10	1/2	9.45	1/2	1/2	1/2		1/2	
3/4	2,129.82	3/4	1,764.03	3/4	1,398.23	3/4	1,032.90	3/4	667.55	3/4	305.89	3/4	6.18	3/4	3/4	3/4		3/4	
8	2,122.20	8	1,756.40	8	1,390.61	8	1,025.30	8	659.93	8	298.67	8	2.92	8		8		8	
1/4	2,114.58	1/4	1,748.78	1/4	1,382.99	1/4	1,017.70	1/4	652.31	1/4	291.55	1/4		1/4	1/4	1/4		1/4	
1/2	2,106.96	1/2	1,741.16	1/2	1,375.36	1/2	1,010.10	1/2	644.69	1/2	284.43	1/2		1/2	1/2	1/2		1/2	
3/4	2,099.34	3/4	1,733.54	3/4	1,367.74	3/4	1,002.50	3/4	637.07	3/4	277.31	3/4		3/4	3/4	3/4		3/4	
9	2,091.72	9	1,725.92	9	1,360.12	9	994.90	9	629.45	9	270.19	9		9		9		9	
1/4	2,084.10	1/4	1,718.30	1/4	1,352.50	1/4	987.30	1/4	621.83	1/4	263.17	1/4		1/4	1/4	1/4		1/4	
1/2	2,076.48	1/2	1,710.68	1/2	1,344.88	1/2	979.69	1/2	614.21	1/2	256.15	1/2		1/2	1/2	1/2		1/2	
3/4	2,068.86	3/4	1,703.06	3/4	1,337.26	3/4	972.09	3/4	606.59	3/4	249.13	3/4		3/4	3/4	3/4		3/4	
10	2,061.24	10	1,695.44	10	1,329.64	10	964.49	10	598.96	10	242.11	10		10		10		10	
1/4	2,053.62	1/4	1,687.82	1/4	1,322.02	1/4	956.89	1/4	591.34	1/4	235.19	1/4		1/4	1/4	1/4		1/4	
1/2	2,046.00	1/2	1,680.20	1/2	1,314.40	1/2	949.29	1/2	583.72	1/2	228.26	1/2		1/2	1/2	1/2		1/2	
3/4	2,038.37	3/4	1,672.58	3/4	1,306.78	3/4	941.69	3/4	576.10	3/4	221.33	3/4		3/4	3/4	3/4		3/4	
11	2,030.75	11	1,664.96	11	1,299.16	11	934.08	11	568.48	11	214.41	11		11		11		11	
1/4	2,023.13	1/4	1,657.33	1/4	1,291.54	1/4	926.48	1/4	560.86	1/4	207.57	1/4		1/4	1/4	1/4		1/4	
1/2	2,015.51	1/2	1,649.71	1/2	1,283.92	1/2	918.88	1/2	553.24	1/2	200.73	1/2		1/2	1/2	1/2		1/2	
3/4	2,007.89	3/4	1,642.09	3/4	1,276.29	3/4	911.28	3/4	545.62	3/4	193.90	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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		0	4,540.87	0	4,198.52	0	3,838.08	0	3,472.37	0	3,106.66	0	2,740.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,533.94	1/4	4,191.20	1/4	3,830.46	1/4	3,464.75	1/4	3,099.04	1/4	2,733.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.97	1/2	4,183.85	1/2	3,822.84	1/2	3,457.13	1/2	3,091.43	1/2	2,725.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,838.24	3/4	4,520.01	3/4	4,176.49	3/4	3,815.22	3/4	3,449.51	3/4	2,718.06		
1		1		1		1		1	4,833.79	1	4,513.05	1	4,169.14	1	3,807.60	1	3,441.90	1	3,076.19	1	2,710.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,829.34	1/4	4,506.09	1/4	4,161.79	1/4	3,799.98	1/4	3,434.28	1/4	3,068.57	1/4	2,702.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,823.63	1/2	4,499.09	1/2	4,154.41	1/2	3,792.36	1/2	3,426.66	1/2	3,060.95	1/2	2,695.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,817.91	3/4	4,492.10	3/4	4,147.03	3/4	3,784.75	3/4	3,419.04	3/4	3,053.33	3/4	2,687.57
2		2		2		2		2	4,812.19	2	4,485.10	2	4,139.64	2	3,777.13	2	3,411.42	2	3,045.71	2	2,679.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,806.48	1/4	4,478.11	1/4	4,132.26	1/4	3,769.51	1/4	3,403.80	1/4	3,038.09	1/4	2,672.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,799.49	1/2	4,471.08	1/2	4,124.84	1/2	3,761.89	1/2	3,396.18	1/2	3,030.47	1/2	2,664.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,792.50	3/4	4,464.06	3/4	4,117.43	3/4	3,754.27	3/4	3,388.56	3/4	3,022.86	3/4	2,657.07
3		3		3		3		3	4,785.52	3	4,457.03	3	4,110.01	3	3,746.65	3	3,380.94	3	3,015.24	3	2,649.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,778.53	1/4	4,450.00	1/4	4,102.59	1/4	3,739.03	1/4	3,373.33	1/4	3,007.62	1/4	2,641.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,771.90	1/2	4,442.94	1/2	4,095.14	1/2	3,731.41	1/2	3,365.71	1/2	3,000.00	1/2	2,634.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,765.27	3/4	4,435.88	3/4	4,087.70	3/4	3,723.79	3/4	3,358.09	3/4	2,992.38	3/4	2,626.58
4		4		4		4		4	4,758.63	4	4,428.82	4	4,080.25	4	3,716.18	4	3,350.47	4	2,984.76	4	2,618.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,752.00	1/4	4,421.77	1/4	4,072.80	1/4	3,708.56	1/4	3,342.85	1/4	2,977.14	1/4	2,611.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,745.31	1/2	4,414.67	1/2	4,065.32	1/2	3,700.94	1/2	3,335.23	1/2	2,969.52	1/2	2,603.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,738.61	3/4	4,407.58	3/4	4,057.84	3/4	3,693.32	3/4	3,327.61	3/4	2,961.90	3/4	2,596.09
5		5		5		5		5	4,731.92	5	4,400.49	5	4,050.36	5	3,685.70	5	3,319.99	5	2,954.29	5	2,588.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,725.23	1/4	4,393.40	1/4	4,042.88	1/4	3,678.08	1/4	3,312.37	1/4	2,946.67	1/4	2,580.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,718.50	1/2	4,386.27	1/2	4,035.36	1/2	3,670.46	1/2	3,304.76	1/2	2,939.05	1/2	2,573.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,711.76	3/4	4,379.15	3/4	4,027.85	3/4	3,662.84	3/4	3,297.14	3/4	2,931.43	3/4	2,565.60
6		6		6		6		6	4,705.03	6	4,372.03	6	4,020.33	6	3,655.22	6	3,289.52	6	2,923.81	6	2,557.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,698.30	1/4	4,364.90	1/4	4,012.82	1/4	3,647.61	1/4	3,281.90	1/4	2,916.19	1/4	2,550.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,691.53	1/2	4,357.75	1/2	4,005.28	1/2	3,639.99	1/2	3,274.28	1/2	2,908.57	1/2	2,542.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,684.76	3/4	4,350.59	3/4	3,997.73	3/4	3,632.37	3/4	3,266.66	3/4	2,900.95	3/4	2,535.11
7		7		7		7		7	4,678.00	7	4,343.43	7	3,990.18	7	3,624.75	7	3,259.04	7	2,893.33	7	2,527.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,671.23	1/4	4,336.28	1/4	3,982.64	1/4	3,617.13	1/4	3,251.42	1/4	2,885.72	1/4	2,519.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,664.43	1/2	4,329.09	1/2	3,975.06	1/2	3,609.51	1/2	3,243.80	1/2	2,878.10	1/2	2,512.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,657.63	3/4	4,321.90	3/4	3,967.48	3/4	3,601.89	3/4	3,236.18	3/4	2,870.48	3/4	2,504.61
8		8		8		8		8	4,650.83	8	4,314.71	8	3,959.90	8	3,594.27	8	3,228.57	8	2,862.86	8	2,496.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,644.03	1/4	4,307.52	1/4	3,952.32	1/4	3,586.65	1/4	3,220.95	1/4	2,855.24	1/4	2,489.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,637.20	1/2	4,300.30	1/2	3,944.71	1/2	3,579.04	1/2	3,213.33	1/2	2,847.62	1/2	2,481.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,630.37	3/4	4,293.08	3/4	3,937.10	3/4	3,571.42	3/4	3,205.71	3/4	2,840.00	3/4	2,474.12
9		9		9		9		9	4,623.53	9	4,285.86	9	3,929.50	9	3,563.80	9	3,198.09	9	2,832.38	9	2,466.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.70	1/4	4,278.63	1/4	3,921.89	1/4	3,556.18	1/4	3,190.47	1/4	2,824.76	1/4	2,458.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,609.84	1/2	4,271.38	1/2	3,914.27	1/2	3,548.56	1/2	3,182.85	1/2	2,817.15	1/2	2,451.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.97	3/4	4,264.13	3/4	3,906.65	3/4	3,540.94	3/4	3,175.23	3/4	2,809.53	3/4	2,443.63
10		10		10		10		10	4,596.11	10	4,256.87	10	3,899.03	10	3,533.32	10	3,167.61	10	2,801.91	10	2,436.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.24	1/4	4,249.62	1/4	3,891.41	1/4	3,525.70	1/4	3,160.00	1/4	2,794.29	1/4	2,428.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,582.35	1/2	4,242.33	1/2	3,883.79	1/2	3,518.08	1/2	3,152.38	1/2	2,786.67	1/2	2,420.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,575.45	3/4	4,235.05	3/4	3,876.17	3/4	3,510.47	3/4	3,144.76	3/4	2,779.04	3/4	2,413.14
11		11		11		11		11	4,568.55	11	4,227.76	11	3,868.55	11	3,502.85	11	3,137.14	11	2,771.42	11	2,405.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,561.65	1/4	4,220.47	1/4	3,860.93	1/4	3,495.23	1/4	3,129.52	1/4	2,763.80	1/4	2,397.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,554.72	1/2	4,213.15	1/2	3,853.32	1/2	3,487.61	1/2	3,121.90	1/2	2,756.17	1/2	2,390.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,547.79	3/4	4,205.84	3/4	3,845.70	3/4	3,479.99	3/4	3,114.28	3/4	2,748.55	3/4	2,382.65

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 12'-09" OFF CENTERLINE AND 52'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	2,375.02	0	2,009.12	0	1,643.42	0	1,277.50	0	911.73	0	545.82	0	193.97	0		0		0	
1/4	2,367.40	1/4	2,001.50	1/4	1,635.80	1/4	1,269.87	1/4	904.12	1/4	538.19	1/4	187.13	1/4		1/4		1/4	
1/2	2,359.78	1/2	1,993.87	1/2	1,628.18	1/2	1,262.25	1/2	896.49	1/2	530.57	1/2	180.62	1/2		1/2		1/2	
3/4	2,352.15	3/4	1,986.25	3/4	1,620.55	3/4	1,254.62	3/4	888.87	3/4	522.95	3/4	174.11	3/4		3/4		3/4	
1	2,344.53	1	1,978.63	1	1,612.93	1	1,247.00	1	881.25	1	515.32	1	167.60	1		1		1	
1/4	2,336.91	1/4	1,971.00	1/4	1,605.31	1/4	1,239.38	1/4	873.62	1/4	507.70	1/4	161.09	1/4		1/4		1/4	
1/2	2,329.29	1/2	1,963.38	1/2	1,597.68	1/2	1,231.75	1/2	866.00	1/2	500.08	1/2	154.68	1/2		1/2		1/2	
3/4	2,321.66	3/4	1,955.76	3/4	1,590.06	3/4	1,224.13	3/4	858.38	3/4	492.45	3/4	148.27	3/4		3/4		3/4	
2	2,314.04	2	1,948.14	2	1,582.44	2	1,216.51	2	850.75	2	484.83	2	141.85	2		2		2	
1/4	2,306.42	1/4	1,940.51	1/4	1,574.81	1/4	1,208.88	1/4	843.13	1/4	477.21	1/4	135.44	1/4		1/4		1/4	
1/2	2,298.79	1/2	1,932.89	1/2	1,567.19	1/2	1,201.26	1/2	835.51	1/2	469.58	1/2	129.12	1/2		1/2		1/2	
3/4	2,291.17	3/4	1,925.27	3/4	1,559.56	3/4	1,193.64	3/4	827.88	3/4	461.96	3/4	122.81	3/4		3/4		3/4	
3	2,283.55	3	1,917.64	3	1,551.94	3	1,186.01	3	820.26	3	454.34	3	116.50	3		3		3	
1/4	2,275.92	1/4	1,910.02	1/4	1,544.32	1/4	1,178.39	1/4	812.64	1/4	446.71	1/4	110.18	1/4		1/4		1/4	
1/2	2,268.30	1/2	1,902.40	1/2	1,536.69	1/2	1,170.77	1/2	805.01	1/2	439.13	1/2	103.97	1/2		1/2		1/2	
3/4	2,260.68	3/4	1,894.77	3/4	1,529.07	3/4	1,163.14	3/4	797.39	3/4	431.56	3/4	97.77	3/4		3/4		3/4	
4	2,253.06	4	1,887.15	4	1,521.45	4	1,155.52	4	789.77	4	423.98	4	91.56	4		4		4	
1/4	2,245.43	1/4	1,879.53	1/4	1,513.82	1/4	1,147.90	1/4	782.14	1/4	416.40	1/4	85.35	1/4		1/4		1/4	
1/2	2,237.81	1/2	1,871.91	1/2	1,506.20	1/2	1,140.28	1/2	774.52	1/2	408.91	1/2	79.24	1/2		1/2		1/2	
3/4	2,230.19	3/4	1,864.28	3/4	1,498.58	3/4	1,132.66	3/4	766.90	3/4	401.43	3/4	73.14	3/4		3/4		3/4	
5	2,222.56	5	1,856.66	5	1,490.95	5	1,125.04	5	759.27	5	393.94	5	67.03	5		5		5	
1/4	2,214.94	1/4	1,849.04	1/4	1,483.33	1/4	1,117.42	1/4	751.65	1/4	386.45	1/4	60.92	1/4		1/4		1/4	
1/2	2,207.32	1/2	1,841.42	1/2	1,475.71	1/2	1,109.81	1/2	744.03	1/2	379.05	1/2	54.95	1/2		1/2		1/2	
3/4	2,199.69	3/4	1,833.80	3/4	1,468.08	3/4	1,102.19	3/4	736.40	3/4	371.66	3/4	48.98	3/4		3/4		3/4	
6	2,192.07	6	1,826.19	6	1,460.46	6	1,094.57	6	728.78	6	364.26	6	43.00	6		6		6	
1/4	2,184.45	1/4	1,818.57	1/4	1,452.84	1/4	1,086.95	1/4	721.16	1/4	356.87	1/4	37.03	1/4		1/4		1/4	
1/2	2,176.83	1/2	1,810.96	1/2	1,445.21	1/2	1,079.33	1/2	713.53	1/2	349.56	1/2	31.77	1/2		1/2		1/2	
3/4	2,169.20	3/4	1,803.35	3/4	1,437.59	3/4	1,071.71	3/4	705.91	3/4	342.25	3/4	26.51	3/4		3/4		3/4	
7	2,161.58	7	1,795.74	7	1,429.97	7	1,064.10	7	698.28	7	334.95	7	21.25	7		7		7	
1/4	2,153.96	1/4	1,788.14	1/4	1,422.34	1/4	1,056.48	1/4	690.66	1/4	327.64	1/4	15.99	1/4		1/4		1/4	
1/2	2,146.33	1/2	1,780.53	1/2	1,414.72	1/2	1,048.86	1/2	683.04	1/2	320.43	1/2	12.72	1/2		1/2		1/2	
3/4	2,138.71	3/4	1,772.92	3/4	1,407.09	3/4	1,041.24	3/4	675.41	3/4	313.21	3/4	9.45	3/4		3/4		3/4	
8	2,131.09	8	1,765.31	8	1,399.47	8	1,033.62	8	667.79	8	306.00	8	6.18	8		8		8	
1/4	2,123.46	1/4	1,757.70	1/4	1,391.85	1/4	1,026.01	1/4	660.17	1/4	298.78	1/4	2.92	1/4		1/4		1/4	
1/2	2,115.84	1/2	1,750.09	1/2	1,384.22	1/2	1,018.39	1/2	652.54	1/2	291.66	1/2		1/2		1/2		1/2	
3/4	2,108.22	3/4	1,742.48	3/4	1,376.60	3/4	1,010.77	3/4	644.92	3/4	284.53	3/4		3/4		3/4		3/4	
9	2,100.60	9	1,734.87	9	1,368.98	9	1,003.15	9	637.30	9	277.41	9		9		9		9	
1/4	2,092.97	1/4	1,727.26	1/4	1,361.35	1/4	995.53	1/4	629.67	1/4	270.28	1/4		1/4		1/4		1/4	
1/2	2,085.35	1/2	1,719.64	1/2	1,353.73	1/2	987.92	1/2	622.05	1/2	263.26	1/2		1/2		1/2		1/2	
3/4	2,077.73	3/4	1,712.02	3/4	1,346.11	3/4	980.30	3/4	614.43	3/4	256.24	3/4		3/4		3/4		3/4	
10	2,070.10	10	1,704.41	10	1,338.48	10	972.68	10	606.80	10	249.22	10		10		10		10	
1/4	2,062.48	1/4	1,696.79	1/4	1,330.86	1/4	965.06	1/4	599.18	1/4	242.20	1/4		1/4		1/4		1/4	
1/2	2,054.86	1/2	1,689.16	1/2	1,323.24	1/2	957.44	1/2	591.56	1/2	235.27	1/2		1/2		1/2		1/2	
3/4	2,047.23	3/4	1,681.54	3/4	1,315.61	3/4	949.83	3/4	583.93	3/4	228.34	3/4		3/4		3/4		3/4	
11	2,039.61	11	1,673.92	11	1,307.99	11	942.21	11	576.31	11	221.41	11		11		11		11	
1/4	2,031.99	1/4	1,666.29	1/4	1,300.37	1/4	934.59	1/4	568.69	1/4	214.48	1/4		1/4		1/4		1/4	
1/2	2,024.37	1/2	1,658.67	1/2	1,292.74	1/2	926.97	1/2	561.06	1/2	207.64	1/2		1/2		1/2		1/2	
3/4	2,016.74	3/4	1,651.05	3/4	1,285.12	3/4	919.35	3/4	553.44	3/4	200.80	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 3/4"

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		0	4,554.55	0	4,213.18	0	3,853.88	0	3,489.89	0	3,125.89	0	2,761.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,864.16	1/4	4,547.63	1/4	4,205.86	1/4	3,846.30	1/4	3,482.30	1/4	3,118.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,859.73	1/2	4,540.70	1/2	4,198.55	1/2	3,838.72	1/2	3,474.72	1/2	3,110.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,855.31	3/4	4,533.78	3/4	4,191.23	3/4	3,831.13	3/4	3,467.14	3/4	3,103.14
1		1		1		1		1	4,849.62	1	4,526.82	1	4,183.88	1	3,823.55	1	3,459.55	1	3,095.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,843.92	1/4	4,519.86	1/4	4,176.54	1/4	3,815.97	1/4	3,451.97	1/4	3,087.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,838.23	1/2	4,512.90	1/2	4,169.19	1/2	3,808.38	1/2	3,444.39	1/2	3,080.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.54	3/4	4,505.94	3/4	4,161.84	3/4	3,800.80	3/4	3,436.80	3/4	3,072.80
2		2		2		2		2	4,825.59	2	4,498.95	2	4,154.46	2	3,793.22	2	3,429.22	2	3,065.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,818.64	1/4	4,491.96	1/4	4,147.08	1/4	3,785.63	1/4	3,421.64	1/4	3,057.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,811.69	1/2	4,484.97	1/2	4,139.70	1/2	3,778.05	1/2	3,414.05	1/2	3,050.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,804.73	3/4	4,477.98	3/4	4,132.32	3/4	3,770.47	3/4	3,406.47	3/4	3,042.47
3		3		3		3		3	4,798.14	3	4,470.96	3	4,124.91	3	3,762.88	3	3,398.89	3	3,034.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,791.54	1/4	4,463.94	1/4	4,117.50	1/4	3,755.30	1/4	3,391.30	1/4	3,027.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,784.94	1/2	4,456.92	1/2	4,110.08	1/2	3,747.72	1/2	3,383.72	1/2	3,019.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,778.35	3/4	4,449.89	3/4	4,102.67	3/4	3,740.13	3/4	3,376.14	3/4	3,012.14
4		4		4		4		4	4,771.69	4	4,442.84	4	4,095.22	4	3,732.55	4	3,368.55	4	3,004.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,765.04	1/4	4,435.78	1/4	4,087.78	1/4	3,724.97	1/4	3,360.97	1/4	2,996.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,758.38	1/2	4,428.73	1/2	4,080.33	1/2	3,717.38	1/2	3,353.39	1/2	2,989.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,751.73	3/4	4,421.67	3/4	4,072.89	3/4	3,709.80	3/4	3,345.80	3/4	2,981.80
5		5		5		5		5	4,745.03	5	4,414.59	5	4,065.41	5	3,702.22	5	3,338.22	5	2,974.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,738.34	1/4	4,407.50	1/4	4,057.93	1/4	3,694.63	1/4	3,330.64	1/4	2,966.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,731.64	1/2	4,400.41	1/2	4,050.46	1/2	3,687.05	1/2	3,323.05	1/2	2,959.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,724.95	3/4	4,393.32	3/4	4,042.98	3/4	3,679.47	3/4	3,315.47	3/4	2,951.47
6		6		6		6		6	4,718.22	6	4,386.20	6	4,035.47	6	3,671.88	6	3,307.89	6	2,943.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,711.49	1/4	4,379.08	1/4	4,027.96	1/4	3,664.30	1/4	3,300.30	1/4	2,936.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,704.76	1/2	4,371.96	1/2	4,020.45	1/2	3,656.72	1/2	3,292.72	1/2	2,928.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.03	3/4	4,364.84	3/4	4,012.94	3/4	3,649.13	3/4	3,285.14	3/4	2,921.14
7		7		7		7		7	4,691.27	7	4,357.69	7	4,005.40	7	3,641.55	7	3,277.55	7	2,913.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,684.50	1/4	4,350.54	1/4	3,997.85	1/4	3,633.97	1/4	3,269.97	1/4	2,905.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,677.74	1/2	4,343.39	1/2	3,990.31	1/2	3,626.38	1/2	3,262.39	1/2	2,898.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,670.98	3/4	4,336.23	3/4	3,982.77	3/4	3,618.80	3/4	3,254.80	3/4	2,890.80
8		8		8		8		8	4,664.18	8	4,329.05	8	3,975.19	8	3,611.22	8	3,247.22	8	2,883.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,657.39	1/4	4,321.86	1/4	3,967.62	1/4	3,603.63	1/4	3,239.64	1/4	2,875.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,650.59	1/2	4,314.68	1/2	3,960.04	1/2	3,596.05	1/2	3,232.05	1/2	2,868.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,643.80	3/4	4,307.49	3/4	3,952.47	3/4	3,588.47	3/4	3,224.47	3/4	2,860.47
9		9		9		9		9	4,636.97	9	4,300.27	9	3,944.88	9	3,580.88	9	3,216.89	9	2,852.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,630.14	1/4	4,293.06	1/4	3,937.30	1/4	3,573.30	1/4	3,209.30	1/4	2,845.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,623.31	1/2	4,285.84	1/2	3,929.72	1/2	3,565.72	1/2	3,201.72	1/2	2,837.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,616.49	3/4	4,278.62	3/4	3,922.13	3/4	3,558.13	3/4	3,194.14	3/4	2,830.14
10		10		10		10		10	4,609.63	10	4,271.37	10	3,914.55	10	3,550.55	10	3,186.55	10	2,822.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,602.77	1/4	4,264.12	1/4	3,906.97	1/4	3,542.97	1/4	3,178.97	1/4	2,814.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,595.91	1/2	4,256.87	1/2	3,899.38	1/2	3,535.39	1/2	3,171.39	1/2	2,807.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,589.05	3/4	4,249.62	3/4	3,891.80	3/4	3,527.80	3/4	3,163.80	3/4	2,799.79
11		11		11		11		11	4,582.15	11	4,242.34	11	3,884.22	11	3,520.22	11	3,156.22	11	2,792.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,575.26	1/4	4,235.06	1/4	3,876.63	1/4	3,512.64	1/4	3,148.64	1/4	2,784.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.37	1/2	4,227.77	1/2	3,869.05	1/2	3,505.05	1/2	3,141.05	1/2	2,777.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,561.48	3/4	4,220.49	3/4	3,861.47	3/4	3,497.47	3/4	3,133.47	3/4	2,769.44

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 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,397.66	0	2,033.47	0	1,669.28	0	1,306.73	0	957.26	0	593.18	0	229.42	0		0		0	
1/4	2,390.07	1/4	2,025.88	1/4	1,661.69	1/4	1,299.47	1/4	949.69	1/4	585.59	1/4	222.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,382.49	1/2	2,018.30	1/2	1,654.11	1/2	1,292.21	1/2	942.12	1/2	578.01	1/2	214.75	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,374.90	3/4	2,010.71	3/4	1,646.52	3/4	1,284.95	3/4	934.54	3/4	570.42	3/4	207.42	3/4	3/4	3/4	3/4	3/4	3/4
1	2,367.31	1	2,003.12	1	1,638.93	1	1,277.69	1	926.97	1	562.83	1	200.09	1		1		1	
1/4	2,359.73	1/4	1,995.54	1/4	1,631.34	1/4	1,270.43	1/4	919.40	1/4	555.24	1/4	192.76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,352.14	1/2	1,987.95	1/2	1,623.76	1/2	1,263.17	1/2	911.82	1/2	547.66	1/2	185.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,344.55	3/4	1,980.36	3/4	1,616.17	3/4	1,255.91	3/4	904.25	3/4	540.07	3/4	178.10	3/4	3/4	3/4	3/4	3/4	3/4
2	2,336.96	2	1,972.77	2	1,608.58	2	1,248.65	2	896.66	2	532.48	2	170.78	2		2		2	
1/4	2,329.38	1/4	1,965.19	1/4	1,601.00	1/4	1,241.39	1/4	889.08	1/4	524.90	1/4	163.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,321.79	1/2	1,957.60	1/2	1,593.41	1/2	1,234.13	1/2	881.49	1/2	517.31	1/2	156.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,314.20	3/4	1,950.01	3/4	1,585.82	3/4	1,226.87	3/4	873.90	3/4	509.72	3/4	148.82	3/4	3/4	3/4	3/4	3/4	3/4
3	2,306.61	3	1,942.42	3	1,578.23	3	1,219.61	3	866.32	3	502.14	3	141.51	3		3		3	
1/4	2,299.03	1/4	1,934.84	1/4	1,570.65	1/4	1,212.35	1/4	858.73	1/4	494.55	1/4	134.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,291.44	1/2	1,927.25	1/2	1,563.06	1/2	1,205.09	1/2	851.14	1/2	486.96	1/2	126.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,283.85	3/4	1,919.66	3/4	1,555.47	3/4	1,197.83	3/4	843.55	3/4	479.37	3/4	119.60	3/4	3/4	3/4	3/4	3/4	3/4
4	2,276.27	4	1,912.07	4	1,547.88	4	1,190.59	4	835.97	4	471.79	4	112.30	4		4		4	
1/4	2,268.68	1/4	1,904.49	1/4	1,540.30	1/4	1,183.35	1/4	828.38	1/4	464.20	1/4	105.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,261.09	1/2	1,896.90	1/2	1,532.71	1/2	1,176.11	1/2	820.79	1/2	456.61	1/2	97.71	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,253.50	3/4	1,889.31	3/4	1,525.12	3/4	1,168.87	3/4	813.21	3/4	449.03	3/4	90.42	3/4	3/4	3/4	3/4	3/4	3/4
5	2,245.92	5	1,881.73	5	1,517.54	5	1,161.63	5	805.62	5	441.44	5	83.17	5		5		5	
1/4	2,238.33	1/4	1,874.14	1/4	1,509.95	1/4	1,154.39	1/4	798.03	1/4	433.85	1/4	75.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,230.74	1/2	1,866.55	1/2	1,502.36	1/2	1,147.15	1/2	790.44	1/2	426.26	1/2	68.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,223.15	3/4	1,858.96	3/4	1,494.77	3/4	1,139.91	3/4	782.86	3/4	418.68	3/4	61.41	3/4	3/4	3/4	3/4	3/4	3/4
6	2,215.57	6	1,851.38	6	1,487.19	6	1,132.67	6	775.27	6	411.09	6	54.78	6		6		6	
1/4	2,207.98	1/4	1,843.79	1/4	1,479.60	1/4	1,125.43	1/4	767.68	1/4	403.50	1/4	48.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,200.39	1/2	1,836.20	1/2	1,472.01	1/2	1,118.19	1/2	760.10	1/2	395.92	1/2	41.51	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,192.80	3/4	1,828.61	3/4	1,464.42	3/4	1,110.95	3/4	752.51	3/4	388.33	3/4	34.87	3/4	3/4	3/4	3/4	3/4	3/4
7	2,185.22	7	1,821.03	7	1,456.84	7	1,103.71	7	744.92	7	380.74	7	30.13	7		7		7	
1/4	2,177.63	1/4	1,813.44	1/4	1,449.25	1/4	1,096.47	1/4	737.34	1/4	373.15	1/4	25.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,170.04	1/2	1,805.85	1/2	1,441.66	1/2	1,089.23	1/2	729.75	1/2	365.57	1/2	20.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,162.46	3/4	1,798.27	3/4	1,434.07	3/4	1,081.99	3/4	722.16	3/4	357.98	3/4	15.91	3/4	3/4	3/4	3/4	3/4	3/4
8	2,154.87	8	1,790.68	8	1,426.49	8	1,074.75	8	714.57	8	350.39	8		8		8		8	
1/4	2,147.28	1/4	1,783.09	1/4	1,418.90	1/4	1,067.51	1/4	706.99	1/4	342.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,139.69	1/2	1,775.50	1/2	1,411.31	1/2	1,060.27	1/2	699.40	1/2	335.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,132.11	3/4	1,767.92	3/4	1,403.73	3/4	1,053.03	3/4	691.81	3/4	327.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,124.52	9	1,760.33	9	1,396.14	9	1,045.79	9	684.23	9	320.06	9		9		9		9	
1/4	2,116.93	1/4	1,752.74	1/4	1,388.55	1/4	1,038.55	1/4	676.64	1/4	312.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,109.34	1/2	1,745.15	1/2	1,380.96	1/2	1,031.31	1/2	669.05	1/2	304.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,101.76	3/4	1,737.57	3/4	1,373.38	3/4	1,024.07	3/4	661.46	3/4	297.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,094.17	10	1,729.98	10	1,365.79	10	1,016.83	10	653.88	10	289.76	10		10		10		10	
1/4	2,086.58	1/4	1,722.39	1/4	1,358.20	1/4	1,009.59	1/4	646.29	1/4	282.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,079.00	1/2	1,714.81	1/2	1,350.61	1/2	1,002.35	1/2	638.70	1/2	274.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,071.41	3/4	1,707.22	3/4	1,343.03	3/4	995.11	3/4	631.12	3/4	267.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,063.82	11	1,699.63	11	1,335.77	11	987.54	11	623.53	11	259.47	11		11		11		11	
1/4	2,056.23	1/4	1,692.04	1/4	1,328.51	1/4	979.97	1/4	615.94	1/4	251.90	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,048.65	1/2	1,684.46	1/2	1,321.25	1/2	972.40	1/2	608.35	1/2	244.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,041.06	3/4	1,676.87	3/4	1,313.99	3/4	964.84	3/4	600.77	3/4	236.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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			
0		0		0		0		0	4,589.10	0	4,248.94	0	3,890.56	0	3,526.62	0	3,162.68	0	2,798.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,582.21	1/4	4,241.66	1/4	3,882.98	1/4	3,519.04	1/4	3,155.10	1/4	2,791.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,575.32	1/2	4,234.37	1/2	3,875.40	1/2	3,511.45	1/2	3,147.51	1/2	2,783.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,568.39	3/4	4,227.06	3/4	3,867.81	3/4	3,503.87	3/4	3,139.93	3/4	2,775.97		
1		1		1		1		1	4,877.97	1	4,561.47	1	4,219.75	1	3,860.23	1	3,496.29	1	3,132.35	1	2,768.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.54	1/4	4,554.55	1/4	4,212.43	1/4	3,852.65	1/4	3,488.71	1/4	3,124.77	1/4	2,760.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,869.12	1/2	4,547.62	1/2	4,205.12	1/2	3,845.07	1/2	3,481.13	1/2	3,117.19	1/2	2,753.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,863.43	3/4	4,540.66	3/4	4,197.77	3/4	3,837.49	3/4	3,473.54	3/4	3,109.60	3/4	2,745.62
2		2		2		2		2	4,857.74	2	4,533.71	2	4,190.42	2	3,829.90	2	3,465.96	2	3,102.02	2	2,738.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,852.05	1/4	4,526.75	1/4	4,183.08	1/4	3,822.32	1/4	3,458.38	1/4	3,094.44	1/4	2,730.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,846.36	1/2	4,519.79	1/2	4,175.73	1/2	3,814.74	1/2	3,450.80	1/2	3,086.86	1/2	2,722.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,839.41	3/4	4,512.80	3/4	4,168.35	3/4	3,807.16	3/4	3,443.22	3/4	3,079.27	3/4	2,715.28
3		3		3		3		3	4,832.46	3	4,505.81	3	4,160.97	3	3,799.57	3	3,435.63	3	3,071.69	3	2,707.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,825.50	1/4	4,498.83	1/4	4,153.59	1/4	3,791.99	1/4	3,428.05	1/4	3,064.11	1/4	2,700.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,818.55	1/2	4,491.84	1/2	4,146.22	1/2	3,784.41	1/2	3,420.47	1/2	3,056.53	1/2	2,692.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,811.96	3/4	4,484.81	3/4	4,138.80	3/4	3,776.83	3/4	3,412.89	3/4	3,048.95	3/4	2,684.94
4		4		4		4		4	4,805.36	4	4,477.79	4	4,131.39	4	3,769.25	4	3,405.31	4	3,041.36	4	2,677.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,798.76	1/4	4,470.77	1/4	4,123.98	1/4	3,761.66	1/4	3,397.72	1/4	3,033.78	1/4	2,669.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,792.17	1/2	4,463.75	1/2	4,116.57	1/2	3,754.08	1/2	3,390.14	1/2	3,026.20	1/2	2,662.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,785.51	3/4	4,456.69	3/4	4,109.12	3/4	3,746.50	3/4	3,382.56	3/4	3,018.62	3/4	2,654.60
5		5		5		5		5	4,778.86	5	4,449.64	5	4,101.68	5	3,738.92	5	3,374.98	5	3,011.04	5	2,647.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.20	1/4	4,442.59	1/4	4,094.24	1/4	3,731.34	1/4	3,367.39	1/4	3,003.45	1/4	2,639.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.55	1/2	4,435.53	1/2	4,086.79	1/2	3,723.75	1/2	3,359.81	1/2	2,995.87	1/2	2,631.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,758.86	3/4	4,428.45	3/4	4,079.32	3/4	3,716.17	3/4	3,352.23	3/4	2,988.29	3/4	2,624.26
6		6		6		6		6	4,752.16	6	4,421.36	6	4,071.84	6	3,708.59	6	3,344.65	6	2,980.71	6	2,616.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,745.47	1/4	4,414.27	1/4	4,064.36	1/4	3,701.01	1/4	3,337.07	1/4	2,973.13	1/4	2,609.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,738.77	1/2	4,407.19	1/2	4,056.89	1/2	3,693.43	1/2	3,329.48	1/2	2,965.54	1/2	2,601.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.05	3/4	4,400.07	3/4	4,049.38	3/4	3,685.84	3/4	3,321.90	3/4	2,957.96	3/4	2,593.92
7		7		7		7		7	4,725.32	7	4,392.95	7	4,041.87	7	3,678.26	7	3,314.32	7	2,950.38	7	2,586.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,718.59	1/4	4,385.83	1/4	4,034.36	1/4	3,670.68	1/4	3,306.74	1/4	2,942.80	1/4	2,578.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,711.86	1/2	4,378.71	1/2	4,026.85	1/2	3,663.10	1/2	3,299.16	1/2	2,935.22	1/2	2,571.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,705.10	3/4	4,371.56	3/4	4,019.31	3/4	3,655.51	3/4	3,291.57	3/4	2,927.63	3/4	2,563.57
8		8		8		8		8	4,698.33	8	4,364.40	8	4,011.77	8	3,647.93	8	3,283.99	8	2,920.05	8	2,555.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,691.57	1/4	4,357.25	1/4	4,004.23	1/4	3,640.35	1/4	3,276.41	1/4	2,912.47	1/4	2,548.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,684.81	1/2	4,350.10	1/2	3,996.68	1/2	3,632.77	1/2	3,268.83	1/2	2,904.89	1/2	2,540.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.01	3/4	4,342.92	3/4	3,989.11	3/4	3,625.19	3/4	3,261.25	3/4	2,897.30	3/4	2,533.23
9		9		9		9		9	4,671.22	9	4,335.73	9	3,981.53	9	3,617.60	9	3,253.66	9	2,889.72	9	2,525.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,664.43	1/4	4,328.55	1/4	3,973.96	1/4	3,610.02	1/4	3,246.08	1/4	2,882.14	1/4	2,518.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,657.63	1/2	4,321.36	1/2	3,966.38	1/2	3,602.44	1/2	3,238.50	1/2	2,874.56	1/2	2,510.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,650.80	3/4	4,314.15	3/4	3,958.80	3/4	3,594.86	3/4	3,230.92	3/4	2,866.98	3/4	2,502.89
10		10		10		10		10	4,643.98	10	4,306.93	10	3,951.22	10	3,587.28	10	3,223.33	10	2,859.40	10	2,495.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,637.15	1/4	4,299.71	1/4	3,943.63	1/4	3,579.69	1/4	3,215.75	1/4	2,851.82	1/4	2,487.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.32	1/2	4,292.50	1/2	3,936.05	1/2	3,572.11	1/2	3,208.17	1/2	2,844.23	1/2	2,480.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,623.46	3/4	4,285.25	3/4	3,928.47	3/4	3,564.53	3/4	3,200.59	3/4	2,836.65	3/4	2,472.55
11		11		11		11		11	4,616.60	11	4,278.00	11	3,920.89	11	3,556.95	11	3,193.01	11	2,829.06	11	2,464.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,609.75	1/4	4,270.75	1/4	3,913.31	1/4	3,549.37	1/4	3,185.42	1/4	2,821.48	1/4	2,457.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,602.89	1/2	4,263.50	1/2	3,905.72	1/2	3,541.78	1/2	3,177.84	1/2	2,813.89	1/2	2,449.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,595.99	3/4	4,256.22	3/4	3,898.14	3/4	3,534.20	3/4	3,170.26	3/4	2,806.31	3/4	2,442.21

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 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

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	2,434.62	0	2,070.52	0	1,708.13	0	1,343.98	0	980.00	0	615.87	0	251.87	0		0		0	
1/4	2,427.04	1/4	2,062.94	1/4	1,700.54	1/4	1,336.40	1/4	972.42	1/4	608.28	1/4	244.30	1/4	1/4	1/4		1/4	1/4
1/2	2,419.45	1/2	2,055.35	1/2	1,692.96	1/2	1,328.81	1/2	964.84	1/2	600.70	1/2	236.72	1/2	1/2	1/2		1/2	1/2
3/4	2,411.87	3/4	2,047.77	3/4	1,685.37	3/4	1,321.22	3/4	957.25	3/4	593.11	3/4	229.39	3/4	3/4	3/4		3/4	3/4
1	2,404.28	1	2,040.18	1	1,677.78	1	1,313.64	1	949.66	1	585.53	1	222.06	1		1		1	
1/4	2,396.70	1/4	2,032.60	1/4	1,670.20	1/4	1,306.05	1/4	942.08	1/4	577.94	1/4	214.73	1/4	1/4	1/4		1/4	1/4
1/2	2,389.11	1/2	2,025.01	1/2	1,662.61	1/2	1,298.46	1/2	934.49	1/2	570.35	1/2	207.39	1/2	1/2	1/2		1/2	1/2
3/4	2,381.52	3/4	2,017.43	3/4	1,655.03	3/4	1,290.88	3/4	926.90	3/4	562.77	3/4	200.06	3/4	3/4	3/4		3/4	3/4
2	2,373.94	2	2,009.84	2	1,647.44	2	1,283.29	2	919.32	2	555.18	2	192.74	2		2		2	
1/4	2,366.35	1/4	2,002.25	1/4	1,639.85	1/4	1,275.71	1/4	911.73	1/4	547.59	1/4	185.41	1/4	1/4	1/4		1/4	1/4
1/2	2,358.77	1/2	1,994.67	1/2	1,632.27	1/2	1,268.12	1/2	904.15	1/2	540.01	1/2	178.08	1/2	1/2	1/2		1/2	1/2
3/4	2,351.18	3/4	1,987.08	3/4	1,624.68	3/4	1,260.53	3/4	896.56	3/4	532.42	3/4	170.76	3/4	3/4	3/4		3/4	3/4
3	2,343.60	3	1,979.50	3	1,617.09	3	1,252.95	3	888.97	3	524.84	3	163.44	3		3		3	
1/4	2,336.01	1/4	1,971.91	1/4	1,609.51	1/4	1,245.36	1/4	881.39	1/4	517.25	1/4	156.12	1/4	1/4	1/4		1/4	1/4
1/2	2,328.43	1/2	1,964.33	1/2	1,601.92	1/2	1,237.77	1/2	873.80	1/2	509.66	1/2	148.80	1/2	1/2	1/2		1/2	1/2
3/4	2,320.84	3/4	1,956.74	3/4	1,594.33	3/4	1,230.19	3/4	866.22	3/4	502.08	3/4	141.50	3/4	3/4	3/4		3/4	3/4
4	2,313.26	4	1,949.16	4	1,586.75	4	1,222.60	4	858.63	4	494.49	4	134.19	4		4		4	
1/4	2,305.67	1/4	1,941.57	1/4	1,579.16	1/4	1,215.01	1/4	851.04	1/4	486.91	1/4	126.89	1/4	1/4	1/4		1/4	1/4
1/2	2,298.09	1/2	1,933.99	1/2	1,571.58	1/2	1,207.43	1/2	843.46	1/2	479.32	1/2	119.59	1/2	1/2	1/2		1/2	1/2
3/4	2,290.50	3/4	1,926.40	3/4	1,563.99	3/4	1,199.85	3/4	835.87	3/4	471.73	3/4	112.29	3/4	3/4	3/4		3/4	3/4
5	2,282.91	5	1,918.82	5	1,556.40	5	1,192.27	5	828.28	5	464.15	5	105.00	5		5		5	
1/4	2,275.33	1/4	1,911.23	1/4	1,548.82	1/4	1,184.68	1/4	820.70	1/4	456.56	1/4	97.70	1/4	1/4	1/4		1/4	1/4
1/2	2,267.74	1/2	1,903.64	1/2	1,541.23	1/2	1,177.10	1/2	813.11	1/2	448.97	1/2	90.41	1/2	1/2	1/2		1/2	1/2
3/4	2,260.16	3/4	1,896.11	3/4	1,533.64	3/4	1,169.52	3/4	805.53	3/4	441.39	3/4	83.16	3/4	3/4	3/4		3/4	3/4
6	2,252.57	6	1,888.58	6	1,526.06	6	1,161.94	6	797.94	6	433.80	6	75.91	6		6		6	
1/4	2,244.99	1/4	1,881.05	1/4	1,518.47	1/4	1,154.36	1/4	790.35	1/4	426.22	1/4	68.65	1/4	1/4	1/4		1/4	1/4
1/2	2,237.40	1/2	1,873.52	1/2	1,510.88	1/2	1,146.78	1/2	782.77	1/2	418.63	1/2	61.40	1/2	1/2	1/2		1/2	1/2
3/4	2,229.82	3/4	1,866.04	3/4	1,503.30	3/4	1,139.20	3/4	775.18	3/4	411.04	3/4	54.77	3/4	3/4	3/4		3/4	3/4
7	2,222.23	7	1,858.56	7	1,495.71	7	1,131.62	7	767.59	7	403.46	7	48.14	7		7		7	
1/4	2,214.65	1/4	1,851.08	1/4	1,488.12	1/4	1,124.04	1/4	760.01	1/4	395.87	1/4	41.50	1/4	1/4	1/4		1/4	1/4
1/2	2,207.06	1/2	1,843.61	1/2	1,480.54	1/2	1,116.46	1/2	752.42	1/2	388.28	1/2	34.87	1/2	1/2	1/2		1/2	1/2
3/4	2,199.48	3/4	1,836.13	3/4	1,472.95	3/4	1,108.87	3/4	744.84	3/4	380.70	3/4	30.13	3/4	3/4	3/4		3/4	3/4
8	2,191.89	8	1,828.65	8	1,465.37	8	1,101.29	8	737.25	8	373.11	8	25.39	8		8		8	
1/4	2,184.30	1/4	1,821.17	1/4	1,457.78	1/4	1,093.71	1/4	729.66	1/4	365.53	1/4	20.64	1/4	1/4	1/4		1/4	1/4
1/2	2,176.72	1/2	1,813.69	1/2	1,450.19	1/2	1,086.13	1/2	722.08	1/2	357.94	1/2	15.90	1/2	1/2	1/2		1/2	1/2
3/4	2,169.13	3/4	1,806.22	3/4	1,442.61	3/4	1,078.55	3/4	714.49	3/4	350.35	3/4		3/4	3/4	3/4		3/4	3/4
9	2,161.55	9	1,798.74	9	1,435.02	9	1,070.97	9	706.91	9	342.77	9		9		9		9	
1/4	2,153.96	1/4	1,791.26	1/4	1,427.43	1/4	1,063.39	1/4	699.32	1/4	335.18	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,146.38	1/2	1,783.78	1/2	1,419.85	1/2	1,055.81	1/2	691.73	1/2	327.60	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,138.79	3/4	1,776.25	3/4	1,412.26	3/4	1,048.23	3/4	684.15	3/4	320.02	3/4		3/4	3/4	3/4		3/4	3/4
10	2,131.21	10	1,768.71	10	1,404.67	10	1,040.65	10	676.56	10	312.45	10		10		10		10	
1/4	2,123.62	1/4	1,761.18	1/4	1,397.09	1/4	1,033.06	1/4	668.97	1/4	304.88	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,116.04	1/2	1,753.65	1/2	1,389.50	1/2	1,025.48	1/2	661.39	1/2	297.30	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,108.45	3/4	1,746.06	3/4	1,381.92	3/4	1,017.90	3/4	653.80	3/4	289.73	3/4		3/4	3/4	3/4		3/4	3/4
11	2,100.87	11	1,738.48	11	1,374.33	11	1,010.32	11	646.22	11	282.16	11		11		11		11	
1/4	2,093.28	1/4	1,730.89	1/4	1,366.74	1/4	1,002.74	1/4	638.63	1/4	274.59	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,085.69	1/2	1,723.30	1/2	1,359.16	1/2	995.16	1/2	631.04	1/2	267.01	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,078.11	3/4	1,715.72	3/4	1,351.57	3/4	987.58	3/4	623.46	3/4	259.44	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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		0	4,245.43	0	3,989.29	0	3,714.98	0	3,417.69	0	3,054.17	0	2,690.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,240.27	1/4	3,983.74	1/4	3,709.15	1/4	3,410.12	1/4	3,046.60	1/4	2,683.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,235.11	1/2	3,978.20	1/2	3,703.32	1/2	3,402.54	1/2	3,039.03	1/2	2,675.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,229.95	3/4	3,972.65	3/4	3,697.49	3/4	3,394.97	3/4	3,031.45	3/4	2,668.07
1		1		1		1	4,457.28	1	4,224.80	1	3,967.10	1	3,691.66	1	3,387.40	1	3,023.88	1	2,660.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.97	1/4	4,219.61	1/4	3,961.52	1/4	3,685.83	1/4	3,379.82	1/4	3,016.31	1/4	2,652.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,450.67	1/2	4,214.42	1/2	3,955.94	1/2	3,680.00	1/2	3,372.25	1/2	3,008.73	1/2	2,645.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,447.37	3/4	4,209.23	3/4	3,950.37	3/4	3,674.17	3/4	3,364.68	3/4	3,001.16	3/4	2,637.79
2		2		2		2	4,444.06	2	4,204.04	2	3,944.79	2	3,668.34	2	3,357.10	2	2,993.59	2	2,630.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,439.50	1/4	4,198.81	1/4	3,939.17	1/4	3,662.51	1/4	3,349.53	1/4	2,986.01	1/4	2,622.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,434.93	1/2	4,193.59	1/2	3,933.56	1/2	3,656.68	1/2	3,341.96	1/2	2,978.44	1/2	2,615.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.36	3/4	4,188.37	3/4	3,927.95	3/4	3,650.85	3/4	3,334.38	3/4	2,970.87	3/4	2,607.49
3		3		3		3	4,425.79	3	4,183.14	3	3,922.34	3	3,645.02	3	3,326.81	3	2,963.29	3	2,599.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,420.77	1/4	4,177.89	1/4	3,916.69	1/4	3,639.18	1/4	3,319.24	1/4	2,955.72	1/4	2,592.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,415.75	1/2	4,172.63	1/2	3,911.05	1/2	3,633.35	1/2	3,311.66	1/2	2,948.15	1/2	2,584.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,410.72	3/4	4,167.38	3/4	3,905.41	3/4	3,627.52	3/4	3,304.09	3/4	2,940.57	3/4	2,577.18
4		4		4		4	4,405.70	4	4,162.12	4	3,899.76	4	3,621.69	4	3,296.52	4	2,933.00	4	2,569.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,400.82	1/4	4,156.84	1/4	3,894.09	1/4	3,615.86	1/4	3,288.94	1/4	2,925.43	1/4	2,562.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,395.95	1/2	4,151.55	1/2	3,888.41	1/2	3,610.03	1/2	3,281.37	1/2	2,917.85	1/2	2,554.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,391.07	3/4	4,146.26	3/4	3,882.73	3/4	3,604.20	3/4	3,273.80	3/4	2,910.28	3/4	2,546.86
5		5		5		5	4,386.20	5	4,140.97	5	3,877.06	5	3,598.37	5	3,266.22	5	2,902.71	5	2,539.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,381.27	1/4	4,135.65	1/4	3,871.35	1/4	3,592.54	1/4	3,258.65	1/4	2,895.13	1/4	2,531.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,376.35	1/2	4,130.33	1/2	3,865.64	1/2	3,586.71	1/2	3,251.08	1/2	2,887.56	1/2	2,524.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,371.42	3/4	4,125.01	3/4	3,859.93	3/4	3,580.88	3/4	3,243.50	3/4	2,879.99	3/4	2,516.55
6		6		6		6	4,366.50	6	4,119.69	6	3,854.22	6	3,575.05	6	3,235.93	6	2,872.41	6	2,508.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,361.53	1/4	4,114.34	1/4	3,848.48	1/4	3,569.22	1/4	3,228.36	1/4	2,864.84	1/4	2,501.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,356.57	1/2	4,108.99	1/2	3,842.74	1/2	3,563.39	1/2	3,220.78	1/2	2,857.27	1/2	2,493.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,351.61	3/4	4,103.64	3/4	3,837.00	3/4	3,557.56	3/4	3,213.21	3/4	2,849.70	3/4	2,486.23
7		7		7		7	4,346.64	7	4,098.28	7	3,831.25	7	3,551.73	7	3,205.64	7	2,842.13	7	2,478.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,341.65	1/4	4,092.90	1/4	3,825.48	1/4	3,545.90	1/4	3,198.06	1/4	2,834.57	1/4	2,471.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,336.65	1/2	4,087.51	1/2	3,819.71	1/2	3,540.06	1/2	3,190.49	1/2	2,827.00	1/2	2,463.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,331.65	3/4	4,082.13	3/4	3,813.93	3/4	3,534.23	3/4	3,182.92	3/4	2,819.43	3/4	2,455.92
8		8		8		8	4,326.66	8	4,076.74	8	3,808.16	8	3,528.40	8	3,175.35	8	2,811.87	8	2,448.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,321.63	1/4	4,071.33	1/4	3,802.35	1/4	3,522.57	1/4	3,167.77	1/4	2,804.30	1/4	2,440.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,316.60	1/2	4,065.91	1/2	3,796.55	1/2	3,516.74	1/2	3,160.20	1/2	2,796.73	1/2	2,433.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,311.57	3/4	4,060.49	3/4	3,790.74	3/4	3,510.91	3/4	3,152.63	3/4	2,789.17	3/4	2,425.60
9		9		9		9	4,306.55	9	4,055.08	9	3,784.93	9	3,505.08	9	3,145.05	9	2,781.60	9	2,418.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,301.49	1/4	4,049.63	1/4	3,779.11	1/4	3,498.38	1/4	3,137.48	1/4	2,774.03	1/4	2,410.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,296.42	1/2	4,044.18	1/2	3,773.28	1/2	3,491.68	1/2	3,129.91	1/2	2,766.47	1/2	2,402.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,291.36	3/4	4,038.73	3/4	3,767.45	3/4	3,484.98	3/4	3,122.33	3/4	2,758.90	3/4	2,395.29
10		10		10		10	4,286.30	10	4,033.28	10	3,761.63	10	3,478.28	10	3,114.76	10	2,751.34	10	2,387.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,281.21	1/4	4,027.79	1/4	3,755.80	1/4	3,470.70	1/4	3,107.19	1/4	2,743.77	1/4	2,380.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,276.12	1/2	4,022.31	1/2	3,749.97	1/2	3,463.13	1/2	3,099.61	1/2	2,736.20	1/2	2,372.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,271.02	3/4	4,016.83	3/4	3,744.14	3/4	3,455.56	3/4	3,092.04	3/4	2,728.63	3/4	2,364.97
11		11		11		11	4,265.93	11	4,011.35	11	3,738.31	11	3,447.98	11	3,084.47	11	2,721.06	11	2,357.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,260.81	1/4	4,005.83	1/4	3,732.47	1/4	3,440.41	1/4	3,076.89	1/4	2,713.49	1/4	2,349.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,255.68	1/2	4,000.32	1/2	3,726.64	1/2	3,432.84	1/2	3,069.32	1/2	2,705.92	1/2	2,342.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,250.55	3/4	3,994.81	3/4	3,720.81	3/4	3,425.26	3/4	3,061.75	3/4	2,698.35	3/4	2,334.66

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 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	2,327.08	0	1,964.15	0	1,601.18	0	1,237.56	0	883.17	0	524.73	0	160.93	0		0		0	
1/4	2,319.50	1/4	1,956.61	1/4	1,593.61	1/4	1,229.98	1/4	875.90	1/4	517.16	1/4	153.79	1/4		1/4		1/4	
1/2	2,311.92	1/2	1,949.06	1/2	1,586.03	1/2	1,222.41	1/2	868.63	1/2	509.60	1/2	146.65	1/2		1/2		1/2	
3/4	2,304.34	3/4	1,941.51	3/4	1,578.46	3/4	1,214.83	3/4	861.36	3/4	502.04	3/4	139.50	3/4		3/4		3/4	
1	2,296.76	1	1,933.97	1	1,570.88	1	1,207.26	1	854.10	1	494.48	1	132.36	1		1		1	
1/4	2,289.19	1/4	1,926.42	1/4	1,563.31	1/4	1,199.68	1/4	846.83	1/4	486.91	1/4	126.29	1/4		1/4		1/4	
1/2	2,281.61	1/2	1,918.88	1/2	1,555.73	1/2	1,192.11	1/2	839.55	1/2	479.35	1/2	120.22	1/2		1/2		1/2	
3/4	2,274.03	3/4	1,911.33	3/4	1,548.16	3/4	1,184.53	3/4	832.28	3/4	471.79	3/4	114.15	3/4		3/4		3/4	
2	2,266.45	2	1,903.79	2	1,540.58	2	1,176.96	2	825.01	2	464.23	2	108.08	2		2		2	
1/4	2,258.87	1/4	1,896.24	1/4	1,533.00	1/4	1,169.38	1/4	817.74	1/4	456.66	1/4	103.28	1/4		1/4		1/4	
1/2	2,251.29	1/2	1,888.69	1/2	1,525.43	1/2	1,161.80	1/2	810.46	1/2	449.10	1/2	98.48	1/2		1/2		1/2	
3/4	2,243.71	3/4	1,881.15	3/4	1,517.85	3/4	1,154.23	3/4	803.18	3/4	441.54	3/4	93.68	3/4		3/4		3/4	
3	2,236.13	3	1,873.60	3	1,510.28	3	1,146.65	3	795.90	3	433.98	3	88.88	3		3		3	
1/4	2,228.56	1/4	1,866.06	1/4	1,502.70	1/4	1,139.08	1/4	788.61	1/4	426.40	1/4	85.36	1/4		1/4		1/4	
1/2	2,220.98	1/2	1,858.51	1/2	1,495.13	1/2	1,131.50	1/2	781.31	1/2	418.83	1/2	81.84	1/2		1/2		1/2	
3/4	2,213.40	3/4	1,850.96	3/4	1,487.55	3/4	1,123.93	3/4	774.02	3/4	411.26	3/4	78.32	3/4		3/4		3/4	
4	2,205.82	4	1,843.42	4	1,479.98	4	1,116.35	4	766.72	4	403.69	4	74.80	4		4		4	
1/4	2,198.24	1/4	1,835.87	1/4	1,472.40	1/4	1,108.92	1/4	759.28	1/4	396.11	1/4	72.56	1/4		1/4		1/4	
1/2	2,190.66	1/2	1,828.33	1/2	1,464.82	1/2	1,101.49	1/2	751.84	1/2	388.53	1/2	70.32	1/2		1/2		1/2	
3/4	2,183.08	3/4	1,820.78	3/4	1,457.25	3/4	1,094.07	3/4	744.40	3/4	380.95	3/4	68.08	3/4		3/4		3/4	
5	2,175.50	5	1,813.23	5	1,449.67	5	1,086.64	5	736.96	5	373.37	5	65.84	5		5		5	
1/4	2,167.94	1/4	1,805.67	1/4	1,442.10	1/4	1,079.36	1/4	729.37	1/4	365.78	1/4	64.89	1/4		1/4		1/4	
1/2	2,160.38	1/2	1,798.12	1/2	1,434.52	1/2	1,072.09	1/2	721.79	1/2	358.19	1/2	63.94	1/2		1/2		1/2	
3/4	2,152.82	3/4	1,790.56	3/4	1,426.95	3/4	1,064.81	3/4	714.21	3/4	350.61	3/4	62.99	3/4		3/4		3/4	
6	2,145.25	6	1,783.00	6	1,419.37	6	1,057.54	6	706.63	6	343.02	6	62.04	6		6		6	
1/4	2,137.71	1/4	1,775.42	1/4	1,411.80	1/4	1,050.27	1/4	699.05	1/4	335.43	1/4		1/4		1/4		1/4	
1/2	2,130.16	1/2	1,767.84	1/2	1,404.22	1/2	1,043.01	1/2	691.47	1/2	327.83	1/2		1/2		1/2		1/2	
3/4	2,122.62	3/4	1,760.27	3/4	1,396.65	3/4	1,035.74	3/4	683.89	3/4	320.24	3/4		3/4		3/4		3/4	
7	2,115.07	7	1,752.69	7	1,389.07	7	1,028.48	7	676.31	7	312.65	7	7	7		7		7	
1/4	2,107.52	1/4	1,745.12	1/4	1,381.49	1/4	1,021.21	1/4	668.73	1/4	305.06	1/4		1/4		1/4		1/4	
1/2	2,099.98	1/2	1,737.54	1/2	1,373.92	1/2	1,013.95	1/2	661.15	1/2	297.46	1/2		1/2		1/2		1/2	
3/4	2,092.43	3/4	1,729.97	3/4	1,366.34	3/4	1,006.68	3/4	653.57	3/4	289.87	3/4		3/4		3/4		3/4	
8	2,084.89	8	1,722.39	8	1,358.77	8	999.42	8	645.98	8	282.28	8	8	8		8		8	
1/4	2,077.34	1/4	1,714.82	1/4	1,351.19	1/4	992.15	1/4	638.40	1/4	274.69	1/4		1/4		1/4		1/4	
1/2	2,069.80	1/2	1,707.24	1/2	1,343.62	1/2	984.88	1/2	630.82	1/2	267.09	1/2		1/2		1/2		1/2	
3/4	2,062.25	3/4	1,699.67	3/4	1,336.04	3/4	977.62	3/4	623.24	3/4	259.50	3/4		3/4		3/4		3/4	
9	2,054.70	9	1,692.09	9	1,328.47	9	970.35	9	615.66	9	251.91	9	9	9		9		9	
1/4	2,047.16	1/4	1,684.51	1/4	1,320.89	1/4	963.09	1/4	608.08	1/4	244.32	1/4		1/4		1/4		1/4	
1/2	2,039.61	1/2	1,676.94	1/2	1,313.31	1/2	955.82	1/2	600.50	1/2	236.74	1/2		1/2		1/2		1/2	
3/4	2,032.07	3/4	1,669.36	3/4	1,305.74	3/4	948.56	3/4	592.92	3/4	229.15	3/4		3/4		3/4		3/4	
10	2,024.52	10	1,661.79	10	1,298.16	10	941.29	10	585.34	10	221.57	10	10	10		10		10	
1/4	2,016.97	1/4	1,654.21	1/4	1,290.59	1/4	934.03	1/4	577.76	1/4	213.99	1/4		1/4		1/4		1/4	
1/2	2,009.43	1/2	1,646.64	1/2	1,283.01	1/2	926.76	1/2	570.18	1/2	206.41	1/2		1/2		1/2		1/2	
3/4	2,001.88	3/4	1,639.06	3/4	1,275.44	3/4	919.50	3/4	562.59	3/4	198.83	3/4		3/4		3/4		3/4	
11	1,994.34	11	1,631.49	11	1,267.86	11	912.23	11	555.01	11	191.25	11	11	11		11		11	
1/4	1,986.79	1/4	1,623.91	1/4	1,260.29	1/4	904.96	1/4	547.44	1/4	183.67	1/4		1/4		1/4		1/4	
1/2	1,979.24	1/2	1,616.33	1/2	1,252.71	1/2	897.70	1/2	539.87	1/2	176.09	1/2		1/2		1/2		1/2	
3/4	1,971.70	3/4	1,608.76	3/4	1,245.14	3/4	890.43	3/4	532.30	3/4	168.51	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 3/4"

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		0	4,261.27	0	4,004.89	0	3,730.44	0	3,431.37	0	3,067.23	0	2,703.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,256.11	1/4	3,999.34	1/4	3,724.61	1/4	3,423.78	1/4	3,059.65	1/4	2,695.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,250.96	1/2	3,993.80	1/2	3,718.79	1/2	3,416.19	1/2	3,052.06	1/2	2,687.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,478.14	3/4	4,245.80	3/4	3,988.26	3/4	3,712.96	3/4	3,408.61	3/4	3,040.48
1		1		1		1		1	4,474.84	1	4,240.61	1	3,982.68	1	3,707.13	1	3,401.02	1	3,036.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.53	1/4	4,235.43	1/4	3,977.10	1/4	3,701.30	1/4	3,393.44	1/4	3,029.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,468.23	1/2	4,230.24	1/2	3,971.53	1/2	3,695.48	1/2	3,385.85	1/2	3,021.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,464.93	3/4	4,225.05	3/4	3,965.95	3/4	3,689.65	3/4	3,378.26	3/4	3,014.13
2		2		2		2		2	4,460.37	2	4,219.83	2	3,960.34	2	3,683.82	2	3,370.68	2	3,006.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,455.80	1/4	4,214.61	1/4	3,954.73	1/4	3,677.99	1/4	3,363.09	1/4	2,998.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.24	1/2	4,209.39	1/2	3,949.13	1/2	3,672.16	1/2	3,355.51	1/2	2,991.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,446.67	3/4	4,204.17	3/4	3,943.52	3/4	3,666.34	3/4	3,347.92	3/4	2,983.79
3		3		3		3		3	4,441.65	3	4,198.92	3	3,937.88	3	3,660.51	3	3,340.33	3	2,976.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,436.63	1/4	4,193.67	1/4	3,932.23	1/4	3,654.68	1/4	3,332.75	1/4	2,968.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,431.61	1/2	4,188.42	1/2	3,926.59	1/2	3,648.85	1/2	3,325.16	1/2	2,961.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,426.59	3/4	4,183.17	3/4	3,920.95	3/4	3,643.03	3/4	3,317.58	3/4	2,953.44
4		4		4		4		4	4,421.72	4	4,177.88	4	3,915.28	4	3,637.20	4	3,309.99	4	2,945.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,416.85	1/4	4,172.60	1/4	3,909.61	1/4	3,631.37	1/4	3,302.40	1/4	2,938.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,411.97	1/2	4,167.31	1/2	3,903.93	1/2	3,625.54	1/2	3,294.82	1/2	2,930.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,407.10	3/4	4,162.03	3/4	3,898.26	3/4	3,619.72	3/4	3,287.23	3/4	2,923.10
5		5		5		5		5	4,402.18	5	4,156.71	5	3,892.55	5	3,613.89	5	3,279.65	5	2,915.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,397.26	1/4	4,151.39	1/4	3,886.85	1/4	3,608.06	1/4	3,272.06	1/4	2,907.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,392.33	1/2	4,146.08	1/2	3,881.14	1/2	3,602.23	1/2	3,264.47	1/2	2,900.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,387.41	3/4	4,140.76	3/4	3,875.43	3/4	3,596.41	3/4	3,256.89	3/4	2,892.75
6		6		6		6		6	4,382.45	6	4,135.41	6	3,869.70	6	3,590.58	6	3,249.30	6	2,885.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,377.49	1/4	4,130.06	1/4	3,863.96	1/4	3,584.75	1/4	3,241.71	1/4	2,877.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,372.53	1/2	4,124.71	1/2	3,858.22	1/2	3,578.92	1/2	3,234.13	1/2	2,870.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,367.57	3/4	4,119.36	3/4	3,852.48	3/4	3,573.10	3/4	3,226.54	3/4	2,862.41
7		7		7		7		7	4,362.58	7	4,113.98	7	3,846.71	7	3,567.27	7	3,218.96	7	2,854.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,357.59	1/4	4,108.60	1/4	3,840.94	1/4	3,561.44	1/4	3,211.37	1/4	2,847.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,352.59	1/2	4,103.22	1/2	3,835.17	1/2	3,555.61	1/2	3,203.78	1/2	2,839.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,347.60	3/4	4,097.84	3/4	3,829.40	3/4	3,549.79	3/4	3,196.20	3/4	2,832.07
8		8		8		8		8	4,342.57	8	4,092.42	8	3,823.59	8	3,543.96	8	3,188.61	8	2,824.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,337.55	1/4	4,087.01	1/4	3,817.79	1/4	3,538.13	1/4	3,181.03	1/4	2,816.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,332.52	1/2	4,081.59	1/2	3,811.99	1/2	3,532.30	1/2	3,173.44	1/2	2,809.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,327.50	3/4	4,076.18	3/4	3,806.18	3/4	3,526.47	3/4	3,165.85	3/4	2,801.72
9		9		9		9		9	4,322.44	9	4,070.73	9	3,800.36	9	3,519.77	9	3,158.27	9	2,794.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,317.38	1/4	4,065.29	1/4	3,794.54	1/4	3,513.06	1/4	3,150.68	1/4	2,786.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,312.33	1/2	4,059.84	1/2	3,788.71	1/2	3,506.35	1/2	3,143.10	1/2	2,778.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,307.27	3/4	4,054.39	3/4	3,782.89	3/4	3,499.64	3/4	3,135.51	3/4	2,771.38
10		10		10		10		10	4,302.18	10	4,048.91	10	3,777.06	10	3,492.06	10	3,127.92	10	2,763.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,297.09	1/4	4,043.44	1/4	3,771.23	1/4	3,484.47	1/4	3,120.34	1/4	2,756.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,292.00	1/2	4,037.96	1/2	3,765.41	1/2	3,476.88	1/2	3,112.75	1/2	2,748.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,286.91	3/4	4,032.48	3/4	3,759.58	3/4	3,469.30	3/4	3,105.16	3/4	2,741.02
11		11		11		11		11	4,281.79	11	4,026.97	11	3,753.75	11	3,461.71	11	3,097.58	11	2,733.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,276.67	1/4	4,021.45	1/4	3,747.92	1/4	3,454.13	1/4	3,089.99	1/4	2,725.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,271.54	1/2	4,015.94	1/2	3,742.10	1/2	3,446.54	1/2	3,082.41	1/2	2,718.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,266.42	3/4	4,010.43	3/4	3,736.27	3/4	3,438.95	3/4	3,074.82	3/4	2,710.66

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 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28724"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,338.74	0	1,974.41	0	1,610.39	0	1,246.02	0	881.82	0	517.48	0	153.71	0		0		0	
1/4	2,331.15	1/4	1,966.82	1/4	1,602.80	1/4	1,238.43	1/4	874.23	1/4	509.89	1/4	146.57	1/4		1/4		1/4	
1/2	2,323.56	1/2	1,959.23	1/2	1,595.21	1/2	1,230.84	1/2	866.65	1/2	502.29	1/2	139.43	1/2		1/2		1/2	
3/4	2,315.97	3/4	1,951.64	3/4	1,587.61	3/4	1,223.25	3/4	859.06	3/4	494.70	3/4	132.28	3/4		3/4		3/4	
1	2,308.38	1	1,944.05	1	1,580.02	1	1,215.66	1	851.47	1	487.11	1	126.22	1		1		1	
1/4	2,300.79	1/4	1,936.46	1/4	1,572.43	1/4	1,208.07	1/4	843.88	1/4	479.52	1/4	120.15	1/4		1/4		1/4	
1/2	2,293.20	1/2	1,928.87	1/2	1,564.84	1/2	1,200.48	1/2	836.29	1/2	471.93	1/2	114.08	1/2		1/2		1/2	
3/4	2,285.61	3/4	1,921.28	3/4	1,557.25	3/4	1,192.89	3/4	828.69	3/4	464.34	3/4	108.01	3/4		3/4		3/4	
2	2,278.02	2	1,913.69	2	1,549.66	2	1,185.30	2	821.10	2	456.75	2	103.21	2		2		2	
1/4	2,270.43	1/4	1,906.10	1/4	1,542.07	1/4	1,177.71	1/4	813.51	1/4	449.16	1/4	98.42	1/4		1/4		1/4	
1/2	2,262.84	1/2	1,898.51	1/2	1,534.48	1/2	1,170.12	1/2	805.92	1/2	441.57	1/2	93.62	1/2		1/2		1/2	
3/4	2,255.25	3/4	1,890.92	3/4	1,526.89	3/4	1,162.52	3/4	798.33	3/4	433.98	3/4	88.82	3/4		3/4		3/4	
3	2,247.66	3	1,883.33	3	1,519.30	3	1,154.93	3	790.74	3	426.39	3	85.31	3		3		3	
1/4	2,240.07	1/4	1,875.74	1/4	1,511.71	1/4	1,147.34	1/4	783.15	1/4	418.80	1/4	81.79	1/4		1/4		1/4	
1/2	2,232.48	1/2	1,868.15	1/2	1,504.11	1/2	1,139.75	1/2	775.56	1/2	411.21	1/2	78.27	1/2		1/2		1/2	
3/4	2,224.89	3/4	1,860.56	3/4	1,496.52	3/4	1,132.16	3/4	767.97	3/4	403.62	3/4	74.75	3/4		3/4		3/4	
4	2,217.30	4	1,852.97	4	1,488.93	4	1,124.57	4	760.38	4	396.02	4	72.52	4		4		4	
1/4	2,209.71	1/4	1,845.38	1/4	1,481.34	1/4	1,116.98	1/4	752.79	1/4	388.43	1/4	70.28	1/4		1/4		1/4	
1/2	2,202.12	1/2	1,837.79	1/2	1,473.75	1/2	1,109.39	1/2	745.20	1/2	380.84	1/2	68.04	1/2		1/2		1/2	
3/4	2,194.53	3/4	1,830.20	3/4	1,466.16	3/4	1,101.81	3/4	737.61	3/4	373.25	3/4	65.80	3/4		3/4		3/4	
5	2,186.94	5	1,822.61	5	1,458.57	5	1,094.22	5	730.02	5	365.66	5	64.86	5		5		5	
1/4	2,179.35	1/4	1,815.03	1/4	1,450.98	1/4	1,086.64	1/4	722.42	1/4	358.07	1/4	63.91	1/4		1/4		1/4	
1/2	2,171.76	1/2	1,807.44	1/2	1,443.39	1/2	1,079.05	1/2	714.83	1/2	350.48	1/2	62.96	1/2		1/2		1/2	
3/4	2,164.17	3/4	1,799.86	3/4	1,435.80	3/4	1,071.46	3/4	707.24	3/4	342.89	3/4	62.02	3/4		3/4		3/4	
6	2,156.58	6	1,792.28	6	1,428.21	6	1,063.88	6	699.65	6	335.30	6		6		6		6	
1/4	2,148.99	1/4	1,784.71	1/4	1,420.61	1/4	1,056.29	1/4	692.06	1/4	327.71	1/4		1/4		1/4		1/4	
1/2	2,141.40	1/2	1,777.13	1/2	1,413.02	1/2	1,048.71	1/2	684.47	1/2	320.12	1/2		1/2		1/2		1/2	
3/4	2,133.81	3/4	1,769.56	3/4	1,405.43	3/4	1,041.12	3/4	676.88	3/4	312.53	3/4		3/4		3/4		3/4	
7	2,126.22	7	1,761.99	7	1,397.84	7	1,033.54	7	669.29	7	304.94	7		7		7		7	
1/4	2,118.63	1/4	1,754.41	1/4	1,390.25	1/4	1,025.95	1/4	661.70	1/4	297.35	1/4		1/4		1/4		1/4	
1/2	2,111.04	1/2	1,746.84	1/2	1,382.66	1/2	1,018.37	1/2	654.11	1/2	289.76	1/2		1/2		1/2		1/2	
3/4	2,103.45	3/4	1,739.27	3/4	1,375.07	3/4	1,010.78	3/4	646.52	3/4	282.16	3/4		3/4		3/4		3/4	
8	2,095.86	8	1,731.70	8	1,367.48	8	1,003.19	8	638.93	8	274.57	8		8		8		8	
1/4	2,088.27	1/4	1,724.13	1/4	1,359.89	1/4	995.61	1/4	631.34	1/4	266.98	1/4		1/4		1/4		1/4	
1/2	2,080.68	1/2	1,716.56	1/2	1,352.30	1/2	988.02	1/2	623.75	1/2	259.39	1/2		1/2		1/2		1/2	
3/4	2,073.09	3/4	1,708.99	3/4	1,344.71	3/4	980.44	3/4	616.16	3/4	251.80	3/4		3/4		3/4		3/4	
9	2,065.50	9	1,701.42	9	1,337.12	9	972.85	9	608.56	9	244.22	9		9		9		9	
1/4	2,057.91	1/4	1,693.84	1/4	1,329.52	1/4	965.27	1/4	600.97	1/4	236.63	1/4		1/4		1/4		1/4	
1/2	2,050.32	1/2	1,686.26	1/2	1,321.93	1/2	957.68	1/2	593.38	1/2	229.05	1/2		1/2		1/2		1/2	
3/4	2,042.73	3/4	1,678.69	3/4	1,314.34	3/4	950.10	3/4	585.79	3/4	221.47	3/4		3/4		3/4		3/4	
10	2,035.13	10	1,671.10	10	1,306.75	10	942.51	10	578.20	10	213.89	10		10		10		10	
1/4	2,027.54	1/4	1,663.52	1/4	1,299.16	1/4	934.93	1/4	570.61	1/4	206.31	1/4		1/4		1/4		1/4	
1/2	2,019.95	1/2	1,655.93	1/2	1,291.57	1/2	927.34	1/2	563.02	1/2	198.73	1/2		1/2		1/2		1/2	
3/4	2,012.36	3/4	1,648.34	3/4	1,283.98	3/4	919.75	3/4	555.43	3/4	191.16	3/4		3/4		3/4		3/4	
11	2,004.77	11	1,640.75	11	1,276.39	11	912.17	11	547.84	11	183.58	11		11		11		11	
1/4	1,997.18	1/4	1,633.16	1/4	1,268.80	1/4	904.58	1/4	540.25	1/4	176.00	1/4		1/4		1/4		1/4	
1/2	1,989.59	1/2	1,625.57	1/2	1,261.21	1/2	897.00	1/2	532.66	1/2	168.43	1/2		1/2		1/2		1/2	
3/4	1,982.00	3/4	1,617.98	3/4	1,253.62	3/4	889.41	3/4	525.07	3/4	160.85	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "KIRBY 28724"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 4'-04 1/2"

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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1		1		1		1		1		1	
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2		2		2		2		2		2	
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3		3		3		3		3		3	
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4		4		4		4		4		4	
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5		5		5		5		5		5	
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6		6		6		6		6		6	
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7		7		7		7		7		7	
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8		8		8		8		8		8	
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9		9		9		9		9		9	
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10		10		10		10		10		10	
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11		11		11		11		11		11	
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 02/27/2018 SW
CALCULATED: 03/02/2018 CL
PRINTED: 03/02/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2018

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