

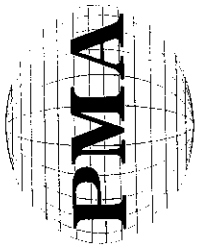


KIRBY 30409



Barge Strapping Tables





BARGE "KIRBY 30409"

ULLAGE TRIM TABLE

FORMERLY "HW 3031"

	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
3 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8

(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 3 PORT IS - 01-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 0/8"

LENGTH BETWEEN DRAFT MARKS: 257'-06"

May 15, 2003

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

<http://www.pmacorp.net>



BARGE "KIRBY 30409"

1 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031" GAUGE HEIGHT 17'-06"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
0	0	0	0	4,521.38	0	4,189.04	0	3,855.57	0	3,521.12	0	3,186.50	0	2,851.88					
1/4	1/4	1/4	1/4	4,514.45	1/4	4,182.12	1/4	3,848.60	1/4	3,514.14	1/4	3,179.53	1/4	2,844.91					
1/2	1/2	1/2	1/2	4,507.53	1/2	4,175.20	1/2	3,841.64	1/2	3,507.17	1/2	3,172.56	1/2	2,837.94					
3/4	3/4	3/4	3/4	4,803.52	3/4	4,168.28	3/4	3,834.67	3/4	3,500.20	3/4	3,165.59	3/4	2,830.97					
1	1	1	1	4,800.88	1	4,161.35	1	3,827.71	1	3,493.23	1	3,158.62	1	2,824.00					
1/4	1/4	1/4	1/4	4,797.18	1/4	4,154.43	1/4	3,820.74	1/4	3,486.26	1/4	3,151.64	1/4	2,817.03					
1/2	1/2	1/2	1/2	4,793.48	1/2	4,147.51	1/2	3,813.77	1/2	3,479.28	1/2	3,144.66	1/2	2,810.06					
3/4	3/4	3/4	3/4	4,789.79	3/4	4,140.59	3/4	3,806.80	3/4	3,472.31	3/4	3,137.69	3/4	2,803.09					
2	2	2	2	4,786.09	2	4,133.66	2	3,799.83	2	3,465.33	2	3,130.71	2	2,796.12					
1/4	1/4	1/4	1/4	4,781.18	1/4	4,126.74	1/4	3,792.87	1/4	3,458.36	1/4	3,123.74	1/4	2,789.14					
1/2	1/2	1/2	1/2	4,776.27	1/2	4,119.82	1/2	3,785.90	1/2	3,451.39	1/2	3,116.77	1/2	2,782.16					
3/4	3/4	3/4	3/4	4,771.36	3/4	4,112.89	3/4	3,778.94	3/4	3,444.42	3/4	3,109.80	3/4	2,775.19					
3	3	3	3	4,766.45	3	4,105.97	3	3,771.97	3	3,437.45	3	3,102.83	3	2,768.21					
1/4	1/4	1/4	1/4	4,760.32	1/4	4,131.35	1/4	3,765.00	1/4	3,430.48	1/4	3,095.86	1/4	2,761.24					
1/2	1/2	1/2	1/2	4,754.20	1/2	4,092.13	1/2	3,758.03	1/2	3,423.51	1/2	3,088.89	1/2	2,754.27					
3/4	3/4	3/4	3/4	4,748.07	3/4	4,085.20	3/4	3,751.06	3/4	3,416.54	3/4	3,081.92	3/4	2,747.30					
4	4	4	4	4,741.95	4	4,078.28	4	3,744.09	4	3,409.57	4	3,074.95	4	2,740.33					
1/4	1/4	1/4	1/4	4,735.15	1/4	4,071.36	1/4	3,737.13	1/4	3,402.60	1/4	3,067.98	1/4	2,733.36					
1/2	1/2	1/2	1/2	4,728.34	1/2	4,064.44	1/2	3,730.16	1/2	3,395.63	1/2	3,061.01	1/2	2,726.39					
3/4	3/4	3/4	3/4	4,721.54	3/4	4,057.51	3/4	3,723.20	3/4	3,388.66	3/4	3,054.04	3/4	2,719.42					
5	5	5	5	4,714.73	5	4,050.59	5	3,716.23	5	3,381.69	5	3,047.07	5	2,712.45					
1/4	1/4	1/4	1/4	4,707.85	1/4	4,043.64	1/4	3,709.26	1/4	3,374.72	1/4	3,040.10	1/4	2,705.48					
1/2	1/2	1/2	1/2	4,700.97	1/2	4,036.69	1/2	3,702.29	1/2	3,367.75	1/2	3,033.13	1/2	2,698.51					
3/4	3/4	3/4	3/4	4,694.09	3/4	4,029.73	3/4	3,695.32	3/4	3,360.78	3/4	3,026.16	3/4	2,691.54					
6	6	6	6	4,687.21	6	4,022.78	6	3,688.35	6	3,353.81	6	3,019.19	6	2,684.57					
1/4	1/4	1/4	1/4	4,680.34	1/4	4,015.82	1/4	3,681.39	1/4	3,346.84	1/4	3,012.22	1/4	2,677.60					
1/2	1/2	1/2	1/2	4,673.46	1/2	4,008.85	1/2	3,674.42	1/2	3,339.87	1/2	3,005.25	1/2	2,670.63					
3/4	3/4	3/4	3/4	4,666.59	3/4	4,001.89	3/4	3,667.46	3/4	3,332.89	3/4	2,998.28	3/4	2,663.66					
7	7	7	7	4,659.71	7	3,994.92	7	3,660.50	7	3,325.92	7	2,991.31	7	2,656.69					
1/4	1/4	1/4	1/4	4,652.83	1/4	3,987.95	1/4	3,653.53	1/4	3,318.95	1/4	2,984.33	1/4	2,649.72					
1/2	1/2	1/2	1/2	4,645.95	1/2	3,980.98	1/2	3,646.56	1/2	3,311.97	1/2	2,977.35	1/2	2,642.75					
3/4	3/4	3/4	3/4	4,639.07	3/4	3,974.01	3/4	3,639.59	3/4	3,305.00	3/4	2,970.38	3/4	2,635.78					
8	8	8	8	4,632.19	8	3,967.04	8	3,632.62	8	3,298.02	8	2,963.40	8	2,628.81					
1/4	1/4	1/4	1/4	4,625.26	1/4	3,960.08	1/4	3,625.65	1/4	3,291.05	1/4	2,956.43	1/4	2,621.83					
1/2	1/2	1/2	1/2	4,618.34	1/2	3,953.12	1/2	3,618.69	1/2	3,284.08	1/2	2,949.46	1/2	2,614.85					
3/4	3/4	3/4	3/4	4,611.42	3/4	3,946.15	3/4	3,611.72	3/4	3,277.11	3/4	2,942.49	3/4	2,607.88					
9	9	9	9	4,604.50	9	3,939.19	9	3,604.76	9	3,270.14	9	2,935.52	9	2,600.90					
1/4	1/4	1/4	1/4	4,597.57	1/4	3,932.22	1/4	3,597.79	1/4	3,263.17	1/4	2,928.55	1/4	2,593.93					
1/2	1/2	1/2	1/2	4,590.65	1/2	3,925.25	1/2	3,590.82	1/2	3,256.20	1/2	2,921.58	1/2	2,586.96					
3/4	3/4	3/4	3/4	4,583.73	3/4	3,918.28	3/4	3,583.85	3/4	3,249.23	3/4	2,914.61	3/4	2,579.99					
10	10	10	10	4,576.81	10	3,911.31	10	3,576.88	10	3,242.26	10	2,907.64	10	2,573.02					
1/4	1/4	1/4	1/4	4,569.88	1/4	3,904.34	1/4	3,569.91	1/4	3,235.29	1/4	2,900.67	1/4	2,566.05					
1/2	1/2	1/2	1/2	4,562.95	1/2	3,897.38	1/2	3,562.94	1/2	3,228.32	1/2	2,893.70	1/2	2,559.08					
3/4	3/4	3/4	3/4	4,556.02	3/4	3,890.41	3/4	3,555.97	3/4	3,221.35	3/4	2,886.73	3/4	2,552.11					
11	11	11	11	4,549.09	11	3,883.45	11	3,549.00	11	3,214.38	11	2,879.76	11	2,545.14					
1/4	1/4	1/4	1/4	4,542.16	1/4	3,876.48	1/4	3,542.03	1/4	3,207.41	1/4	2,872.79	1/4	2,538.17					
1/2	1/2	1/2	1/2	4,535.23	1/2	3,869.51	1/2	3,535.06	1/2	3,200.44	1/2	2,865.82	1/2	2,531.20					
3/4	3/4	3/4	3/4	4,528.31	3/4	3,862.54	3/4	3,528.09	3/4	3,193.47	3/4	2,858.85	3/4	2,524.23					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
 BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 30409"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		FORMERLY "HOLLYWOOD 3031"												GAUGE HEIGHT 17'-06"			
HT	IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	IN	IN	IN	IN	IN	IN
0	0	2,517.26	2,182.57	1,847.78	1,513.02	0	1,178.26	0	843.50	0	508.88	0	174.31	0	0	0	0
1/4	1/4	2,510.28	2,175.59	1,840.81	1,506.05	1/4	1,171.28	1/4	836.52	1/4	501.90	1/4	167.37	1/4	1/4	1/4	1/4
1/2	1/2	2,503.31	2,168.62	1,833.84	1,499.08	1/2	1,164.31	1/2	829.54	1/2	494.92	1/2	160.42	1/2	1/2	1/2	1/2
3/4	3/4	2,496.33	2,161.64	1,826.87	1,492.11	3/4	1,157.33	3/4	822.57	3/4	487.95	3/4	153.48	3/4	3/4	3/4	3/4
1	1	2,489.35	2,154.66	1,819.90	1,485.14	1	1,150.35	1	815.59	1	480.97	1	146.54	1	1	1	1
1/4	1/4	2,482.38	2,147.69	1,812.92	1,478.16	1/4	1,143.38	1/4	808.62	1/4	474.00	1/4	139.60	1/4	1/4	1/4	1/4
1/2	1/2	2,475.41	2,140.71	1,805.95	1,471.19	1/2	1,136.41	1/2	801.65	1/2	467.02	1/2	132.66	1/2	1/2	1/2	1/2
3/4	3/4	2,468.44	2,133.73	1,798.97	1,464.21	3/4	1,129.44	3/4	794.68	3/4	460.04	3/4	125.72	3/4	3/4	3/4	3/4
2	2	2,461.47	2,126.76	1,792.00	1,457.23	2	1,122.47	2	787.71	2	453.07	2	118.78	2	2	2	2
1/4	1/4	2,454.50	2,119.79	1,785.02	1,450.26	1/4	1,115.50	1/4	780.73	1/4	446.10	1/4	111.84	1/4	1/4	1/4	1/4
1/2	1/2	2,447.53	2,112.82	1,778.04	1,443.28	1/2	1,108.52	1/2	773.76	1/2	439.13	1/2	104.89	1/2	1/2	1/2	1/2
3/4	3/4	2,440.56	2,105.85	1,771.07	1,436.31	3/4	1,101.54	3/4	766.78	3/4	432.16	3/4	97.94	3/4	3/4	3/4	3/4
3	3	2,433.59	2,098.88	1,764.09	1,429.33	3	1,094.57	3	759.81	3	425.19	3	91.00	3	3	3	3
1/4	1/4	2,426.62	2,091.90	1,757.12	1,422.36	1/4	1,087.59	1/4	752.84	1/4	418.21	1/4	84.06	1/4	1/4	1/4	1/4
1/2	1/2	2,419.65	2,084.92	1,750.15	1,415.39	1/2	1,080.62	1/2	745.87	1/2	411.23	1/2	77.12	1/2	1/2	1/2	1/2
3/4	3/4	2,412.68	2,077.95	1,743.18	1,408.42	3/4	1,073.64	3/4	738.90	3/4	404.26	3/4	70.17	3/4	3/4	3/4	3/4
4	4	2,405.71	2,070.97	1,736.21	1,401.45	4	1,066.66	4	731.93	4	397.28	4	63.23	4	4	4	4
1/4	1/4	2,398.74	2,064.00	1,729.23	1,394.47	1/4	1,059.69	1/4	724.95	1/4	390.31	1/4	56.85	1/4	1/4	1/4	1/4
1/2	1/2	2,391.76	2,057.02	1,722.26	1,387.50	1/2	1,052.72	1/2	717.98	1/2	383.33	1/2	50.47	1/2	1/2	1/2	1/2
3/4	3/4	2,384.78	2,050.04	1,715.28	1,380.52	3/4	1,045.75	3/4	711.01	3/4	376.35	3/4	44.09	3/4	3/4	3/4	3/4
5	5	2,377.81	2,043.07	1,708.31	1,373.54	5	1,038.78	5	704.04	5	369.38	5	37.71	5	5	5	5
1/4	1/4	2,370.84	2,036.10	1,701.33	1,366.57	1/4	1,031.81	1/4	697.07	1/4	362.41	1/4	32.83	1/4	1/4	1/4	1/4
1/2	1/2	2,363.87	2,029.13	1,694.35	1,359.59	1/2	1,024.83	1/2	690.10	1/2	355.44	1/2	27.95	1/2	1/2	1/2	1/2
3/4	3/4	2,356.89	2,022.16	1,687.38	1,352.62	3/4	1,017.85	3/4	683.13	3/4	348.47	3/4	23.07	3/4	3/4	3/4	3/4
6	6	2,349.92	2,015.19	1,680.40	1,345.64	6	1,010.88	6	676.16	6	341.50	6	18.19	6	6	6	6
1/4	1/4	2,342.95	2,008.21	1,673.43	1,338.67	1/4	1,003.90	1/4	669.18	1/4	334.52	1/4	13.31	1/4	1/4	1/4	1/4
1/2	1/2	2,335.98	2,001.23	1,666.46	1,331.70	1/2	996.92	1/2	662.20	1/2	327.54	1/2	8.43	1/2	1/2	1/2	1/2
3/4	3/4	2,329.01	1,994.26	1,659.49	1,324.73	3/4	989.95	3/4	655.22	3/4	320.57	3/4	3.55	3/4	3/4	3/4	3/4
7	7	2,322.04	1,987.28	1,652.52	1,317.76	7	982.97	7	648.23	7	313.59	7	-1.33	7	7	7	7
1/4	1/4	2,315.07	1,980.31	1,645.54	1,310.78	1/4	976.00	1/4	641.28	1/4	306.62	1/4	-6.45	1/4	1/4	1/4	1/4
1/2	1/2	2,308.09	1,973.33	1,638.57	1,303.81	1/2	969.03	1/2	634.32	1/2	299.64	1/2	-11.57	1/2	1/2	1/2	1/2
3/4	3/4	2,301.12	1,966.35	1,631.59	1,296.83	3/4	962.06	3/4	627.36	3/4	292.66	3/4	-16.70	3/4	3/4	3/4	3/4
8	8	2,294.14	1,959.38	1,624.62	1,289.85	8	955.09	8	620.40	8	285.69	8	-21.82	8	8	8	8
1/4	1/4	2,287.17	1,952.41	1,617.64	1,282.88	1/4	948.12	1/4	613.43	1/4	278.70	1/4	-26.94	1/4	1/4	1/4	1/4
1/2	1/2	2,280.20	1,945.44	1,610.66	1,275.90	1/2	941.14	1/2	606.46	1/2	271.72	1/2	-32.06	1/2	1/2	1/2	1/2
3/4	3/4	2,273.23	1,938.47	1,603.69	1,268.92	3/4	934.16	3/4	599.49	3/4	264.74	3/4	-37.18	3/4	3/4	3/4	3/4
9	9	2,266.26	1,931.50	1,596.71	1,261.95	9	927.19	9	592.52	9	257.76	9	-42.30	9	9	9	9
1/4	1/4	2,259.28	1,924.52	1,589.74	1,254.98	1/4	920.21	1/4	585.55	1/4	250.79	1/4	-47.42	1/4	1/4	1/4	1/4
1/2	1/2	2,252.31	1,917.54	1,582.77	1,248.01	1/2	913.23	1/2	578.58	1/2	243.83	1/2	-52.54	1/2	1/2	1/2	1/2
3/4	3/4	2,245.33	1,910.57	1,575.80	1,241.04	3/4	906.26	3/4	571.61	3/4	236.87	3/4	-57.66	3/4	3/4	3/4	3/4
10	10	2,238.35	1,903.59	1,568.83	1,234.07	10	899.28	10	564.64	10	229.90	10	-62.78	10	10	10	10
1/4	1/4	2,231.38	1,896.62	1,561.85	1,227.09	1/4	892.31	1/4	557.67	1/4	222.95	1/4	-67.90	1/4	1/4	1/4	1/4
1/2	1/2	2,224.40	1,889.64	1,554.88	1,220.12	1/2	885.34	1/2	550.70	1/2	216.00	1/2	-73.02	1/2	1/2	1/2	1/2
3/4	3/4	2,217.42	1,882.66	1,547.90	1,213.14	3/4	878.37	3/4	543.73	3/4	209.04	3/4	-78.14	3/4	3/4	3/4	3/4
11	11	2,210.45	1,875.69	1,540.92	1,206.16	11	871.40	11	536.76	11	202.09	11	-83.26	11	11	11	11
1/4	1/4	2,203.48	1,868.71	1,533.95	1,199.19	1/4	864.42	1/4	529.79	1/4	195.15	1/4	-88.38	1/4	1/4	1/4	1/4
1/2	1/2	2,196.51	1,861.73	1,526.97	1,192.21	1/2	857.45	1/2	522.82	1/2	188.20	1/2	-93.50	1/2	1/2	1/2	1/2
3/4	3/4	2,189.54	1,854.76	1,520.00	1,185.23	3/4	850.47	3/4	515.85	3/4	181.25	3/4	-98.62	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/18/1993 CTC
REPRINTED: 06/04/2003 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2003

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 30409"

1 STBD ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 17'-05 1/2"													
HT	IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.				
0	0	0	4,525.67	0	4,191.98	0	3,857.06	0	3,521.22	0	3,185.24	0	2,849.27		
1/4	1/4	1/4	4,518.72	1/4	4,185.03	1/4	3,850.07	1/4	3,514.22	1/4	3,178.24	1/4	2,842.27		
1/2	1/2	5/8	4,818.60	1/2	4,178.08	1/2	3,843.08	1/2	3,507.22	1/2	3,171.24	1/2	2,835.27		
3/4	3/4	3/4	4,816.71	3/4	4,171.13	3/4	3,836.08	3/4	3,500.23	3/4	3,164.24	3/4	2,828.27		
1	1	1	4,812.94	1	4,497.86	1	4,164.18	1	3,829.08	1	3,493.23	1	3,157.24	1	2,821.27
1/4	1/4	1/4	4,809.16	1/4	4,490.91	1/4	4,157.24	1/4	3,822.08	1/4	3,486.24	1/4	3,150.24	1/4	2,814.27
1/2	1/2	1/2	4,805.39	1/2	4,483.96	1/2	4,150.29	1/2	3,815.08	1/2	3,479.24	1/2	3,143.24	1/2	2,807.27
3/4	3/4	3/4	4,800.45	3/4	4,477.00	3/4	4,143.34	3/4	3,808.08	3/4	3,472.24	3/4	3,136.25	3/4	2,800.27
2	2	2	4,795.52	2	4,470.04	2	4,136.39	2	3,801.09	2	3,465.24	2	3,129.25	2	2,793.28
1/4	1/4	1/4	4,790.58	1/4	4,463.08	1/4	4,129.43	1/4	3,794.09	1/4	3,458.24	1/4	3,122.26	1/4	2,786.28
1/2	1/2	1/2	4,785.65	1/2	4,456.12	1/2	4,122.48	1/2	3,787.10	1/2	3,451.24	1/2	3,115.27	1/2	2,779.29
3/4	3/4	3/4	4,779.50	3/4	4,449.17	3/4	4,115.53	3/4	3,780.11	3/4	3,444.24	3/4	3,108.27	3/4	2,772.29
3	3	3	4,773.35	3	4,442.22	3	4,108.58	3	3,773.11	3	3,437.24	3	3,101.27	3	2,765.29
1/4	1/4	1/4	4,767.20	1/4	4,435.27	1/4	4,101.62	1/4	3,766.12	1/4	3,430.24	1/4	3,094.27	1/4	2,758.29
1/2	1/2	1/2	4,761.05	1/2	4,428.31	1/2	4,094.67	1/2	3,759.12	1/2	3,423.24	1/2	3,087.27	1/2	2,751.29
3/4	3/4	3/4	4,754.23	3/4	4,421.36	3/4	4,087.72	3/4	3,752.13	3/4	3,416.24	3/4	3,080.27	3/4	2,744.29
4	4	4	4,747.40	4	4,414.41	4	4,080.77	4	3,745.14	4	3,409.24	4	3,073.27	4	2,737.29
1/4	1/4	1/4	4,740.57	1/4	4,407.46	1/4	4,073.81	1/4	3,738.14	1/4	3,402.24	1/4	3,066.27	1/4	2,730.29
1/2	1/2	1/2	4,733.74	1/2	4,400.50	1/2	4,066.86	1/2	3,731.15	1/2	3,395.24	1/2	3,059.27	1/2	2,723.29
3/4	3/4	3/4	4,726.83	3/4	4,393.56	3/4	4,059.89	3/4	3,724.15	3/4	3,388.24	3/4	3,052.27	3/4	2,716.29
5	5	5	4,719.92	5	4,386.61	5	4,052.91	5	3,717.15	5	3,381.24	5	3,045.27	5	2,709.29
1/4	1/4	1/4	4,713.01	1/4	4,379.67	1/4	4,045.93	1/4	3,710.15	1/4	3,374.24	1/4	3,038.27	1/4	2,702.29
1/2	1/2	1/2	4,706.10	1/2	4,372.72	1/2	4,038.96	1/2	3,703.15	1/2	3,367.24	1/2	3,031.27	1/2	2,695.29
3/4	3/4	3/4	4,699.20	3/4	4,365.78	3/4	4,031.96	3/4	3,696.15	3/4	3,360.24	3/4	3,024.27	3/4	2,688.29
6	6	6	4,692.29	6	4,358.84	6	4,024.96	6	3,689.16	6	3,353.24	6	3,017.27	6	2,681.29
1/4	1/4	1/4	4,685.39	1/4	4,351.90	1/4	4,017.96	1/4	3,682.17	1/4	3,346.24	1/4	3,010.27	1/4	2,674.29
1/2	1/2	1/2	4,678.48	1/2	4,344.96	1/2	4,010.96	1/2	3,675.17	1/2	3,339.24	1/2	3,003.27	1/2	2,667.29
3/4	3/4	3/4	4,671.57	3/4	4,337.99	3/4	4,003.96	3/4	3,668.18	3/4	3,332.24	3/4	2,996.27	3/4	2,660.29
7	7	7	4,664.66	7	4,331.03	7	3,996.97	7	3,661.18	7	3,325.24	7	2,989.27	7	2,653.29
1/4	1/4	1/4	4,657.75	1/4	4,324.06	1/4	3,989.97	1/4	3,654.19	1/4	3,318.24	1/4	2,982.27	1/4	2,646.29
1/2	1/2	1/2	4,650.84	1/2	4,317.10	1/2	3,982.98	1/2	3,647.20	1/2	3,311.24	1/2	2,975.27	1/2	2,639.29
3/4	3/4	3/4	4,643.89	3/4	4,310.15	3/4	3,975.99	3/4	3,640.20	3/4	3,304.24	3/4	2,968.27	3/4	2,632.29
8	8	8	4,636.95	8	4,303.20	8	3,968.99	8	3,633.21	8	3,297.24	8	2,961.27	8	2,625.29
1/4	1/4	1/4	4,630.00	1/4	4,296.24	1/4	3,962.00	1/4	3,626.21	1/4	3,290.24	1/4	2,954.27	1/4	2,618.29
1/2	1/2	1/2	4,623.05	1/2	4,289.29	1/2	3,955.00	1/2	3,619.22	1/2	3,283.24	1/2	2,947.27	1/2	2,611.29
3/4	3/4	3/4	4,616.09	3/4	4,282.34	3/4	3,948.01	3/4	3,612.22	3/4	3,276.24	3/4	2,940.27	3/4	2,604.29
9	9	9	4,609.14	9	4,275.40	9	3,941.02	9	3,605.22	9	3,269.24	9	2,933.27	9	2,597.29
1/4	1/4	1/4	4,602.18	1/4	4,268.45	1/4	3,934.02	1/4	3,598.22	1/4	3,262.24	1/4	2,926.27	1/4	2,590.29
1/2	1/2	1/2	4,595.22	1/2	4,261.51	1/2	3,927.03	1/2	3,591.22	1/2	3,255.24	1/2	2,919.27	1/2	2,583.29
3/4	3/4	3/4	4,588.27	3/4	4,254.55	3/4	3,920.03	3/4	3,584.24	3/4	3,248.24	3/4	2,912.27	3/4	2,576.29
10	10	10	4,581.31	10	4,247.60	10	3,913.03	10	3,577.22	10	3,241.24	10	2,905.27	10	2,569.29
1/4	1/4	1/4	4,574.36	1/4	4,240.65	1/4	3,906.03	1/4	3,570.22	1/4	3,234.24	1/4	2,898.27	1/4	2,562.29
1/2	1/2	1/2	4,567.41	1/2	4,233.70	1/2	3,899.03	1/2	3,563.22	1/2	3,227.24	1/2	2,891.27	1/2	2,555.29
3/4	3/4	3/4	4,560.45	3/4	4,226.74	3/4	3,892.03	3/4	3,556.22	3/4	3,220.24	3/4	2,884.27	3/4	2,548.29
11	11	11	4,553.49	11	4,219.79	11	3,885.04	11	3,549.22	11	3,213.24	11	2,877.27	11	2,541.29
1/4	1/4	1/4	4,546.53	1/4	4,212.84	1/4	3,878.05	1/4	3,542.22	1/4	3,206.24	1/4	2,870.27	1/4	2,534.29
1/2	1/2	1/2	4,539.58	1/2	4,205.89	1/2	3,871.05	1/2	3,535.22	1/2	3,199.24	1/2	2,863.27	1/2	2,527.29
3/4	3/4	3/4	4,532.62	3/4	4,198.93	3/4	3,864.06	3/4	3,528.22	3/4	3,192.24	3/4	2,856.27	3/4	2,520.29

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 ONLY APPLIES TO UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30409"

1 STBD ULLAGE TABLE

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

FORMERLY "HOLLYWOOD 3031"

GAUGE HEIGHT 17'-05 1/2"
18 FT. 19 FT.

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,513.29	0	1,841.11	0	1,504.98	0	832.73	0	161.09	0
1/4	2,506.29	1/4	1,834.11	1/4	1,497.98	1/4	825.73	1/4	154.12	1/4
1/2	2,499.29	1/2	1,827.10	1/2	1,490.98	1/2	818.72	1/2	147.15	1/2
3/4	2,492.29	3/4	1,820.10	3/4	1,483.98	3/4	811.73	3/4	140.18	3/4
1	2,485.29	1	1,813.10	1	1,476.97	1	804.73	1	133.21	1
1/4	2,478.29	1/4	1,806.10	1/4	1,469.96	1/4	797.74	1/4	126.24	1/4
1/2	2,471.29	1/2	1,799.10	1/2	1,462.96	1/2	790.74	1/2	119.27	1/2
3/4	2,464.29	3/4	1,792.09	3/4	1,455.96	3/4	783.74	3/4	112.30	3/4
2	2,457.29	2	1,785.09	2	1,448.96	2	776.74	2	105.33	2
1/4	2,450.29	1/4	1,778.08	1/4	1,441.96	1/4	769.74	1/4	98.36	1/4
1/2	2,443.29	1/2	1,771.08	1/2	1,434.96	1/2	762.74	1/2	91.39	1/2
3/4	2,436.29	3/4	1,764.08	3/4	1,427.96	3/4	755.75	3/4	84.42	3/4
3	2,429.29	3	1,757.08	3	1,420.96	3	748.76	3	77.45	3
1/4	2,422.29	1/4	1,750.08	1/4	1,413.96	1/4	741.76	1/4	70.47	1/4
1/2	2,415.29	1/2	1,743.08	1/2	1,406.96	1/2	734.77	1/2	63.50	1/2
3/4	2,408.29	3/4	1,736.07	3/4	1,399.95	3/4	727.77	3/4	57.09	3/4
4	2,401.29	4	1,729.06	4	1,392.95	4	720.78	4	50.68	4
1/4	2,394.29	1/4	1,722.06	1/4	1,385.94	1/4	713.78	1/4	44.27	1/4
1/2	2,387.29	1/2	1,715.05	1/2	1,378.93	1/2	706.79	1/2	37.86	1/2
3/4	2,380.29	3/4	1,708.05	3/4	1,371.93	3/4	699.80	3/4	32.96	3/4
5	2,373.29	5	1,701.05	5	1,364.93	5	692.80	5	28.06	5
1/4	2,366.29	1/4	1,694.05	1/4	1,357.93	1/4	685.81	1/4	23.17	1/4
1/2	2,359.29	1/2	1,687.05	1/2	1,350.93	1/2	678.81	1/2	18.26	1/2
3/4	2,352.29	3/4	1,680.05	3/4	1,343.93	3/4	671.81	3/4	13.35	3/4
6	2,345.29	6	1,673.05	6	1,336.92	6	664.81	6	8.44	6
1/4	2,338.29	1/4	1,666.05	1/4	1,329.92	1/4	657.81	1/4	3.53	1/4
1/2	2,331.29	1/2	1,659.05	1/2	1,322.91	1/2	650.82	1/2	1.52	1/2
3/4	2,324.29	3/4	1,652.05	3/4	1,315.91	3/4	643.82	3/4	0.51	3/4
7	2,317.29	7	1,645.04	7	1,308.91	7	636.83	7	0.50	7
1/4	2,310.29	1/4	1,638.04	1/4	1,301.91	1/4	629.83	1/4	0.49	1/4
1/2	2,303.29	1/2	1,631.03	1/2	1,294.91	1/2	622.84	1/2	0.48	1/2
3/4	2,296.28	3/4	1,624.03	3/4	1,287.90	3/4	615.84	3/4	0.47	3/4
8	2,289.28	8	1,617.03	8	1,280.90	8	608.85	8	0.46	8
1/4	2,282.27	1/4	1,610.03	1/4	1,273.89	1/4	601.86	1/4	0.45	1/4
1/2	2,275.27	1/2	1,603.03	1/2	1,266.89	1/2	594.86	1/2	0.44	1/2
3/4	2,268.27	3/4	1,596.02	3/4	1,259.89	3/4	587.87	3/4	0.43	3/4
9	2,261.27	9	1,589.02	9	1,252.89	9	580.87	9	0.42	9
1/4	2,254.27	1/4	1,582.01	1/4	1,245.89	1/4	573.88	1/4	0.41	1/4
1/2	2,247.27	1/2	1,575.00	1/2	1,238.89	1/2	566.89	1/2	0.40	1/2
3/4	2,240.26	3/4	1,568.00	3/4	1,231.88	3/4	559.89	3/4	0.39	3/4
10	2,233.25	10	1,561.00	10	1,224.87	10	552.90	10	0.38	10
1/4	2,226.25	1/4	1,554.00	1/4	1,217.87	1/4	545.90	1/4	0.37	1/4
1/2	2,219.24	1/2	1,547.00	1/2	1,210.86	1/2	538.91	1/2	0.36	1/2
3/4	2,212.24	3/4	1,540.00	3/4	1,203.86	3/4	531.91	3/4	0.35	3/4
11	2,205.24	11	1,532.99	11	1,196.86	11	524.91	11	0.34	11
1/4	2,198.24	1/4	1,525.99	1/4	1,189.86	1/4	517.91	1/4	0.33	1/4
1/2	2,191.24	1/2	1,518.98	1/2	1,182.86	1/2	510.91	1/2	0.32	1/2
3/4	2,184.24	3/4	1,511.98	3/4	1,175.86	3/4	503.92	3/4	0.31	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/18/1993 CTC
REPRINTED: 06/04/2003 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2003

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



BARGE "KIRBY 30409"

2 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031"

FORMERLY "HOLLYWOOD 3031"

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

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1/4	1/4	4,787.52	1/4	4,480.47	1/4	4,159.89	1/4	3,828.07	1/4	3,495.37	1/4	3,162.51	1/4	2,829.68	1/4	2,496.85	1/4	2,164.02	1/4	1,831.19	1/4	1,498.36
1/2	1/2	4,785.71	1/2	4,483.58	1/2	4,153.01	1/2	3,821.14	1/2	3,488.44	1/2	3,155.74	1/2	2,823.03	1/2	2,489.32	1/2	2,156.61	1/2	1,823.90	1/2	1,491.19
3/4	3/4	4,782.09	3/4	4,476.69	3/4	4,146.12	3/4	3,814.21	3/4	3,481.50	3/4	3,148.80	3/4	2,816.09	3/4	2,483.38	3/4	2,150.67	3/4	1,817.96	3/4	1,485.25
1	1	4,777.81	1	4,469.81	1	4,139.23	1	3,807.28	1	3,474.57	1	3,141.86	1	2,809.15	1	2,476.44	1	2,143.73	1	1,811.02	1	1,478.31
1/4	1/4	4,773.52	1/4	4,465.02	1/4	4,135.47	1/4	3,803.51	1/4	3,470.80	1/4	3,138.09	1/4	2,805.38	1/4	2,472.67	1/4	2,139.96	1/4	1,807.25	1/4	1,474.00
1/2	1/2	4,769.23	1/2	4,461.33	1/2	4,131.80	1/2	3,799.84	1/2	3,467.13	1/2	3,134.42	1/2	2,801.70	1/2	2,470.00	1/2	2,136.29	1/2	1,803.58	1/2	1,470.00
3/4	3/4	4,764.95	3/4	4,457.04	3/4	4,127.51	3/4	3,796.45	3/4	3,462.74	3/4	3,130.03	3/4	2,799.21	3/4	2,466.50	3/4	2,132.68	3/4	1,799.07	3/4	1,465.71
2	2	4,759.46	2	4,452.55	2	4,123.02	2	3,791.98	2	3,458.27	2	3,125.75	2	2,792.02	2	2,462.24	2	2,128.51	2	1,794.79	2	1,461.00
1/4	1/4	4,753.97	1/4	4,448.46	1/4	4,118.59	1/4	3,787.59	1/4	3,453.88	1/4	3,121.35	1/4	2,787.62	1/4	2,457.71	1/4	2,124.00	1/4	1,790.28	1/4	1,456.51
1/2	1/2	4,748.48	1/2	4,444.13	1/2	4,114.12	1/2	3,783.10	1/2	3,449.39	1/2	3,117.16	1/2	2,783.15	1/2	2,453.20	1/2	2,120.51	1/2	1,786.79	1/2	1,452.02
3/4	3/4	4,743.00	3/4	4,439.80	3/4	4,109.85	3/4	3,778.61	3/4	3,445.06	3/4	3,112.91	3/4	2,781.14	3/4	2,448.71	3/4	2,117.02	3/4	1,782.30	3/4	1,447.53
3	3	4,736.53	3	4,435.35	3	4,105.67	3	3,774.12	3	3,440.88	3	3,108.82	3	2,777.42	3	2,444.26	3	2,112.51	3	1,778.00	3	1,443.04
1/4	1/4	4,730.07	1/4	4,431.04	1/4	4,101.40	1/4	3,770.00	1/4	3,436.81	1/4	3,104.96	1/4	2,773.46	1/4	2,440.71	1/4	2,109.00	1/4	1,774.51	1/4	1,438.55
1/2	1/2	4,723.60	1/2	4,326.57	1/2	4,097.05	1/2	3,765.51	1/2	3,432.32	1/2	3,100.52	1/2	2,770.00	1/2	2,436.26	1/2	2,105.51	1/2	1,770.02	1/2	1,434.06
3/4	3/4	4,717.14	3/4	4,322.24	3/4	4,092.58	3/4	3,761.02	3/4	3,427.84	3/4	3,097.05	3/4	2,765.51	3/4	2,431.79	3/4	2,101.00	3/4	1,765.51	3/4	1,429.57
4	4	4,710.29	4	4,317.81	4	4,088.16	4	3,756.53	4	3,423.35	4	3,092.58	4	2,761.02	4	2,427.84	4	2,096.51	4	1,761.02	4	1,425.08
1/4	1/4	4,703.45	1/4	4,313.35	1/4	4,083.69	1/4	3,751.84	1/4	3,418.86	1/4	3,087.62	1/4	2,756.51	1/4	2,423.35	1/4	2,092.02	1/4	1,756.51	1/4	1,420.59
1/2	1/2	4,696.60	1/2	4,308.94	1/2	4,079.15	1/2	3,746.94	1/2	3,414.37	1/2	3,082.11	1/2	2,751.02	1/2	2,418.86	1/2	2,087.51	1/2	1,751.02	1/2	1,416.10
3/4	3/4	4,689.76	3/4	4,304.50	3/4	4,074.76	3/4	3,742.48	3/4	3,410.00	3/4	3,077.62	3/4	2,746.51	3/4	2,414.37	3/4	2,083.00	3/4	1,746.51	3/4	1,411.63
5	5	4,682.92	5	4,297.61	5	4,070.28	5	3,737.97	5	3,405.52	5	3,073.16	5	2,741.02	5	2,409.99	5	2,079.99	5	1,741.02	5	1,407.16
1/4	1/4	4,676.08	1/4	4,293.15	1/4	4,065.81	1/4	3,733.50	1/4	3,401.04	1/4	3,069.00	1/4	2,736.51	1/4	2,405.52	1/4	2,075.51	1/4	1,736.51	1/4	1,402.69
1/2	1/2	4,669.24	1/2	4,288.68	1/2	4,061.36	1/2	3,729.02	1/2	3,396.57	1/2	3,064.53	1/2	2,732.02	1/2	2,401.04	1/2	2,071.02	1/2	1,732.02	1/2	1,398.24
3/4	3/4	4,662.40	3/4	4,284.24	3/4	4,057.00	3/4	3,724.58	3/4	3,392.11	3/4	3,060.04	3/4	2,727.51	3/4	2,396.57	3/4	2,066.51	3/4	1,727.51	3/4	1,393.81
6	6	4,655.56	6	4,279.79	6	4,052.63	6	3,720.14	6	3,387.66	6	3,055.56	6	2,723.02	6	2,391.04	6	2,061.51	6	1,723.02	6	1,389.32
1/4	1/4	4,648.71	1/4	4,275.33	1/4	4,048.26	1/4	3,715.69	1/4	3,383.20	1/4	3,051.04	1/4	2,718.51	1/4	2,386.57	1/4	2,057.02	1/4	1,718.51	1/4	1,384.83
1/2	1/2	4,641.87	1/2	4,270.86	1/2	4,043.81	1/2	3,711.22	1/2	3,378.74	1/2	3,046.57	1/2	2,714.02	1/2	2,382.11	1/2	2,052.51	1/2	1,714.02	1/2	1,380.34
3/4	3/4	4,635.02	3/4	4,266.40	3/4	4,039.36	3/4	3,706.75	3/4	3,374.27	3/4	3,042.02	3/4	2,709.51	3/4	2,377.60	3/4	2,048.00	3/4	1,709.51	3/4	1,375.85
7	7	4,628.16	7	4,261.94	7	4,034.91	7	3,702.28	7	3,369.81	7	3,037.56	7	2,704.02	7	2,373.02	7	2,043.51	7	1,704.02	7	1,371.36
1/4	1/4	4,621.31	1/4	4,257.47	1/4	4,030.46	1/4	3,697.81	1/4	3,365.34	1/4	3,033.04	1/4	2,699.51	1/4	2,368.57	1/4	2,039.02	1/4	1,700.00	1/4	1,366.86
1/2	1/2	4,614.45	1/2	4,253.00	1/2	4,026.01	1/2	3,693.34	1/2	3,360.87	1/2	3,028.57	1/2	2,695.02	1/2	2,364.00	1/2	2,034.51	1/2	1,695.51	1/2	1,362.37
3/4	3/4	4,607.59	3/4	4,248.54	3/4	4,021.56	3/4	3,688.87	3/4	3,356.40	3/4	3,024.02	3/4	2,690.51	3/4	2,359.57	3/4	2,030.00	3/4	1,691.02	3/4	1,357.88
8	8	4,600.70	8	4,244.07	8	4,017.11	8	3,684.40	8	3,351.93	8	3,019.56	8	2,686.02	8	2,355.02	8	2,025.51	8	1,686.51	8	1,353.39
1/4	1/4	4,593.81	1/4	4,239.60	1/4	4,012.66	1/4	3,680.90	1/4	3,347.46	1/4	3,015.04	1/4	2,681.51	1/4	2,350.57	1/4	2,021.02	1/4	1,682.00	1/4	1,348.90
1/2	1/2	4,586.91	1/2	4,235.13	1/2	4,008.21	1/2	3,676.43	1/2	3,342.99	1/2	3,010.57	1/2	2,677.02	1/2	2,346.00	1/2	2,016.51	1/2	1,677.51	1/2	1,344.41
3/4	3/4	4,580.02	3/4	4,230.66	3/4	4,003.76	3/4	3,671.96	3/4	3,338.52	3/4	3,006.10	3/4	2,672.51	3/4	2,341.57	3/4	2,012.00	3/4	1,673.02	3/4	1,340.00
9	9	4,573.13	9	4,226.19	9	4,000.31	9	3,667.49	9	3,334.05	9	3,001.63	9	2,668.02	9	2,337.00	9	2,007.51	9	1,668.51	9	1,335.51
1/4	1/4	4,566.25	1/4	4,221.72	1/4	3,995.86	1/4	3,662.96	1/4	3,329.58	1/4	2,997.16	1/4	2,663.51	1/4	2,332.57	1/4	2,003.02	1/4	1,664.00	1/4	1,331.02
1/2	1/2	4,559.36	1/2	4,217.25	1/2	3,991.41	1/2	3,658.49	1/2	3,325.11	1/2	2,992.71	1/2	2,659.02	1/2	2,327.60	1/2	1,998.51	1/2	1,659.51	1/2	1,326.53
3/4	3/4	4,552.47	3/4	4,212.78	3/4	3,986.96	3/4	3,654.02	3/4	3,320.64	3/4	2,988.26	3/4	2,654.51	3/4	2,323.09	3/4	1,994.00	3/4	1,655.02	3/4	1,322.04
10	10	4,545.58	10	4,208.31	10	3,982.51	10	3,649.55	10	3,316.17	10	2,983.76	10	2,650.02	10	2,318.57	10	1,989.51	10	1,650.51	10	1,317.55
1/4	1/4	4,538.69	1/4	4,203.84	1/4	3,978.06	1/4	3,645.08	1/4	3,311.70	1/4	2,979.26	1/4	2,645.51	1/4	2,314.00	1/4	1,985.02	1/4	1,646.00	1/4	1,313.06
1/2	1/2	4,531.79	1/2	4,200.00	1/2	3,973.61	1/2	3,640.61	1/2	3,307.23	1/2	2,974.76	1/2	2,641.02	1/2	2,309.57	1/2	1,980.51	1/2	1,641.51	1/2	1,308.57
3/4	3/4	4,524.90	3/4	4,195.53	3/4	3,969.16	3/4	3,636.14	3/4	3,302.76	3/4	2,970.31	3/4	2,636.51	3/4	2,305.00	3/4	1,976.02	3/4	1,637.02	3/4	1,304.08
11	11	4,518.01	11	4,191.06	11	3,964.71	11	3,631.67	11	3,298.29	11	2,965.86	11	2,632.02	11	2,300.57	11	1,971.51	11	1,632.51	11	1,299.59
1/4	1/4	4,511.13	1/4	4,186.59	1/4	3,960.26	1/4	3,627.20	1/4	3,293.81	1/4	2,961.43	1/4	2,627.51	1/4	2,296.00	1/4	1,967.02	1/4	1,628.00	1/4	1,295.10
1/2	1/2	4,504.24	1/2	4,182.12	1/2	3,955.81	1/2	3,622.73	1/2	3,289.34	1/2	2,957.00	1/2	2,623.02	1/2	2,291.57	1/2	1,962.51	1/2	1,623.51	1/2	1,290.61
3/4	3/4	4,497.35	3/4	4,177.65	3/4	3,951.36	3/4	3,618.26	3/4	3,284.87	3/4	2,952.57	3/4	2,618.51	3/4	2,287.00	3/4	1,958.02	3/4	1,619.02	3/4	1,286.12

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 UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30409"

2 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031" GAUGE HEIGHT 17'-05 3/4" 19 FT.

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,496.82	0	1,830.96	0	1,165.01	0	499.20	0	166.47
1/4	2,489.89	1/4	1,824.02	1/4	1,158.08	1/4	492.27	1/4	159.57
1/2	2,482.95	1/2	1,817.08	1/2	1,151.15	1/2	485.34	1/2	152.66
3/4	2,476.02	3/4	1,810.14	3/4	1,144.21	3/4	478.40	3/4	145.76
1	2,469.09	1	1,803.20	1	1,137.27	1	471.47	1	138.85
1 1/4	2,462.15	1 1/4	1,796.27	1 1/4	1,130.33	1 1/4	464.53	1 1/4	131.95
1 1/2	2,455.22	1 1/2	1,789.34	1 1/2	1,123.39	1 1/2	457.60	1 1/2	125.04
1 3/4	2,448.28	1 3/4	1,782.40	1 3/4	1,116.45	1 3/4	450.66	1 3/4	118.14
2	2,441.35	2	1,775.46	2	1,109.51	2	443.72	2	111.23
2 1/4	2,434.41	2 1/4	1,768.52	2 1/4	1,102.58	2 1/4	436.78	2 1/4	104.33
2 1/2	2,427.48	2 1/2	1,761.58	2 1/2	1,095.65	2 1/2	429.84	2 1/2	97.43
2 3/4	2,420.54	2 3/4	1,754.64	2 3/4	1,088.71	2 3/4	422.90	2 3/4	90.52
3	2,413.61	3	1,747.70	3	1,081.77	3	415.97	3	83.62
3 1/4	2,406.67	3 1/4	1,740.77	3 1/4	1,074.83	3 1/4	409.03	3 1/4	76.71
3 1/2	2,399.74	3 1/2	1,733.84	3 1/2	1,067.89	3 1/2	402.10	3 1/2	69.81
3 3/4	2,392.81	3 3/4	1,726.90	3 3/4	1,060.95	3 3/4	395.16	3 3/4	62.90
4	2,385.87	4	1,719.97	4	1,054.01	4	388.22	4	56.56
4 1/4	2,378.94	4 1/4	1,713.03	4 1/4	1,047.08	4 1/4	381.28	4 1/4	50.21
4 1/2	2,372.00	4 1/2	1,706.10	4 1/2	1,040.14	4 1/2	374.34	4 1/2	43.87
4 3/4	2,365.07	4 3/4	1,699.16	4 3/4	1,033.21	4 3/4	367.40	4 3/4	37.52
5	2,358.14	5	1,692.22	5	1,026.28	5	360.47	5	32.66
5 1/4	2,351.21	5 1/4	1,685.28	5 1/4	1,019.34	5 1/4	353.53	5 1/4	27.81
5 1/2	2,344.28	5 1/2	1,678.34	5 1/2	1,012.41	5 1/2	346.60	5 1/2	22.95
5 3/4	2,337.35	5 3/4	1,671.40	5 3/4	1,005.47	5 3/4	339.66	5 3/4	18.09
6	2,330.41	6	1,664.47	6	998.53	6	332.73	6	13.23
6 1/4	2,323.47	6 1/4	1,657.53	6 1/4	991.59	6 1/4	325.79	6 1/4	8.37
6 1/2	2,316.53	6 1/2	1,650.60	6 1/2	984.65	6 1/2	318.86	6 1/2	3.51
6 3/4	2,309.59	6 3/4	1,643.66	6 3/4	977.71	6 3/4	311.92	6 3/4	-1.34
7	2,302.66	7	1,636.72	7	970.78	7	304.98	7	-6.19
7 1/4	2,295.72	7 1/4	1,629.78	7 1/4	963.84	7 1/4	298.04	7 1/4	-11.04
7 1/2	2,288.79	7 1/2	1,622.84	7 1/2	956.91	7 1/2	291.10	7 1/2	-15.89
7 3/4	2,281.85	7 3/4	1,615.90	7 3/4	949.97	7 3/4	284.16	7 3/4	-20.74
8	2,274.92	8	1,608.97	8	943.03	8	277.23	8	-25.59
8 1/4	2,267.98	8 1/4	1,602.03	8 1/4	936.09	8 1/4	270.29	8 1/4	-30.44
8 1/2	2,261.05	8 1/2	1,595.10	8 1/2	929.15	8 1/2	263.36	8 1/2	-35.29
8 3/4	2,254.12	8 3/4	1,588.16	8 3/4	922.21	8 3/4	256.42	8 3/4	-40.14
9	2,247.17	9	1,581.23	9	915.28	9	249.48	9	-44.99
9 1/4	2,240.23	9 1/4	1,574.29	9 1/4	908.34	9 1/4	242.54	9 1/4	-49.84
9 1/2	2,233.29	9 1/2	1,567.36	9 1/2	901.41	9 1/2	235.60	9 1/2	-54.69
9 3/4	2,226.35	9 3/4	1,560.42	9 3/4	894.47	9 3/4	228.66	9 3/4	-59.54
10	2,219.42	10	1,553.48	10	887.54	10	221.75	10	-64.39
10 1/4	2,212.48	10 1/4	1,546.54	10 1/4	880.60	10 1/4	214.83	10 1/4	-69.24
10 1/2	2,205.55	10 1/2	1,539.60	10 1/2	873.67	10 1/2	207.91	10 1/2	-74.09
10 3/4	2,198.62	10 3/4	1,532.66	10 3/4	866.73	10 3/4	201.00	10 3/4	-78.94
11	2,191.67	11	1,525.73	11	859.79	11	194.09	11	-83.79
11 1/4	2,184.73	11 1/4	1,518.79	11 1/4	852.85	11 1/4	187.19	11 1/4	-88.64
11 1/2	2,177.79	11 1/2	1,511.86	11 1/2	845.91	11 1/2	180.28	11 1/2	-93.49
11 3/4	2,170.85	11 3/4	1,504.92	11 3/4	838.97	11 3/4	173.38	11 3/4	-98.34

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/18/1993 CTC
 REPRINTED: 06/04/2003 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2003

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



BARGE "KIRBY 30409"

2 STBD ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031"												GAUGE HEIGHT 17'-05 3/4"			
CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS															
IN	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	IN	IN				
0	0	0	0	4,505.78	0	4,174.21	0	3,841.38	0	3,507.66	0	3,173.80	0	2,839.93	
1/4	1/4	1/4	1/4	4,498.87	1/4	4,167.30	1/4	3,834.43	1/4	3,500.70	1/4	3,166.85	1/4	2,832.98	
1/2	1/2	1/2	1/2	4,491.96	1/2	4,160.39	1/2	3,827.48	1/2	3,493.74	1/2	3,159.89	1/2	2,826.02	
3/4	3/4	3/4	3/4	4,485.05	3/4	4,153.48	3/4	3,820.52	3/4	3,486.79	3/4	3,152.93	3/4	2,819.07	
1	1	1	1	4,478.14	1	4,146.57	1	3,813.57	1	3,479.83	1	3,145.98	1	2,812.11	
1/4	1/4	1/4	1/4	4,471.23	1/4	4,139.67	1/4	3,806.62	1/4	3,472.88	1/4	3,139.02	1/4	2,805.16	
1/2	1/2	1/2	1/2	4,464.32	1/2	4,132.76	1/2	3,799.67	1/2	3,465.93	1/2	3,132.07	1/2	2,798.20	
3/4	3/4	3/4	3/4	4,457.41	3/4	4,125.86	3/4	3,792.72	3/4	3,458.98	3/4	3,125.12	3/4	2,791.24	
2	2	2	2	4,450.50	2	4,118.95	2	3,785.76	2	3,452.02	2	3,118.16	2	2,784.29	
1/4	1/4	1/4	1/4	4,443.60	1/4	4,112.05	1/4	3,778.81	1/4	3,445.06	1/4	3,111.20	1/4	2,777.33	
1/2	1/2	1/2	1/2	4,436.69	1/2	4,105.14	1/2	3,771.86	1/2	3,438.10	1/2	3,104.24	1/2	2,770.38	
3/4	3/4	3/4	3/4	4,429.79	3/4	4,098.24	3/4	3,764.91	3/4	3,431.14	3/4	3,097.29	3/4	2,763.43	
3	3	3	3	4,422.88	3	4,091.33	3	3,757.95	3	3,424.19	3	3,090.33	3	2,756.47	
1/4	1/4	1/4	1/4	4,415.96	1/4	4,084.42	1/4	3,751.00	1/4	3,417.24	1/4	3,083.38	1/4	2,749.51	
1/2	1/2	1/2	1/2	4,409.05	1/2	4,077.51	1/2	3,744.05	1/2	3,410.29	1/2	3,076.43	1/2	2,742.55	
3/4	3/4	3/4	3/4	4,402.14	3/4	4,070.60	3/4	3,737.10	3/4	3,403.33	3/4	3,069.48	3/4	2,735.60	
4	4	4	4	4,395.23	4	4,063.68	4	3,730.14	4	3,396.38	4	3,062.52	4	2,728.64	
1/4	1/4	1/4	1/4	4,388.32	1/4	4,056.77	1/4	3,723.19	1/4	3,389.42	1/4	3,055.56	1/4	2,721.69	
1/2	1/2	1/2	1/2	4,381.41	1/2	4,049.86	1/2	3,716.24	1/2	3,382.46	1/2	3,048.60	1/2	2,714.74	
3/4	3/4	3/4	3/4	4,374.50	3/4	4,042.95	3/4	3,709.29	3/4	3,375.50	3/4	3,041.64	3/4	2,707.79	
5	5	5	5	4,367.60	5	4,036.01	5	3,702.33	5	3,368.55	5	3,034.69	5	2,700.83	
1/4	1/4	1/4	1/4	4,360.69	1/4	4,029.06	1/4	3,695.38	1/4	3,361.60	1/4	3,027.74	1/4	2,693.87	
1/2	1/2	1/2	1/2	4,353.79	1/2	4,022.11	1/2	3,688.43	1/2	3,354.64	1/2	3,020.79	1/2	2,686.91	
3/4	3/4	3/4	3/4	4,346.88	3/4	4,015.17	3/4	3,681.48	3/4	3,347.69	3/4	3,013.83	3/4	2,679.95	
6	6	6	6	4,339.98	6	4,008.22	6	3,674.53	6	3,340.73	6	3,006.88	6	2,673.00	
1/4	1/4	1/4	1/4	4,333.07	1/4	4,001.26	1/4	3,667.58	1/4	3,333.77	1/4	2,999.92	1/4	2,666.05	
1/2	1/2	1/2	1/2	4,326.17	1/2	3,994.31	1/2	3,660.64	1/2	3,326.82	1/2	2,992.96	1/2	2,659.10	
3/4	3/4	3/4	3/4	4,319.26	3/4	3,987.36	3/4	3,653.69	3/4	3,319.86	3/4	2,986.00	3/4	2,652.14	
7	7	7	7	4,312.35	7	3,980.41	7	3,646.74	7	3,312.91	7	2,979.04	7	2,645.18	
1/4	1/4	1/4	1/4	4,305.44	1/4	3,973.45	1/4	3,639.79	1/4	3,305.95	1/4	2,972.08	1/4	2,638.23	
1/2	1/2	1/2	1/2	4,298.53	1/2	3,966.50	1/2	3,632.83	1/2	3,299.00	1/2	2,965.13	1/2	2,631.27	
3/4	3/4	3/4	3/4	4,291.62	3/4	3,959.55	3/4	3,625.88	3/4	3,292.05	3/4	2,958.17	3/4	2,624.31	
8	8	8	8	4,284.71	8	3,952.60	8	3,618.93	8	3,285.09	8	2,951.21	8	2,617.36	
1/4	1/4	1/4	1/4	4,277.81	1/4	3,945.64	1/4	3,611.98	1/4	3,278.13	1/4	2,944.26	1/4	2,610.41	
1/2	1/2	1/2	1/2	4,270.91	1/2	3,938.69	1/2	3,605.02	1/2	3,271.17	1/2	2,937.31	1/2	2,603.45	
3/4	3/4	3/4	3/4	4,264.00	3/4	3,931.74	3/4	3,598.07	3/4	3,264.21	3/4	2,930.36	3/4	2,596.50	
9	9	9	9	4,257.09	9	3,924.79	9	3,591.12	9	3,257.26	9	2,923.40	9	2,589.54	
1/4	1/4	1/4	1/4	4,250.18	1/4	3,917.83	1/4	3,584.17	1/4	3,250.31	1/4	2,916.44	1/4	2,582.58	
1/2	1/2	1/2	1/2	4,243.27	1/2	3,910.88	1/2	3,577.21	1/2	3,243.36	1/2	2,909.48	1/2	2,575.63	
3/4	3/4	3/4	3/4	4,236.36	3/4	3,903.93	3/4	3,570.26	3/4	3,236.41	3/4	2,902.52	3/4	2,568.67	
10	10	10	10	4,229.45	10	3,896.98	10	3,563.30	10	3,229.45	10	2,895.57	10	2,561.71	
1/4	1/4	1/4	1/4	4,222.55	1/4	3,890.04	1/4	3,556.35	1/4	3,222.49	1/4	2,888.62	1/4	2,554.76	
1/2	1/2	1/2	1/2	4,215.64	1/2	3,883.09	1/2	3,549.39	1/2	3,215.53	1/2	2,881.67	1/2	2,547.81	
3/4	3/4	3/4	3/4	4,208.74	3/4	3,876.14	3/4	3,542.43	3/4	3,208.57	3/4	2,874.71	3/4	2,540.86	
11	11	11	11	4,201.83	11	3,869.19	11	3,535.48	11	3,201.62	11	2,867.76	11	2,533.90	
1/4	1/4	1/4	1/4	4,194.93	1/4	3,862.24	1/4	3,528.52	1/4	3,194.67	1/4	2,860.80	1/4	2,526.94	
1/2	1/2	1/2	1/2	4,188.02	1/2	3,855.29	1/2	3,521.57	1/2	3,187.71	1/2	2,853.84	1/2	2,519.98	
3/4	3/4	3/4	3/4	4,181.12	3/4	3,848.33	3/4	3,514.62	3/4	3,180.76	3/4	2,846.88	3/4	2,513.02	

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 PRECISION MEASUREMENT & ANALYSIS, INC.
 Pearland, Texas 77588
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[Signature]

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT, (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

BARGE "KIRBY 30409"

2 STBD ULLAGE TABLE



CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS			FORMERLY "HOLLYWOOD 3031"												GAUGE HEIGHT 17'-05 3/4"		
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	IN	18 FT.	19 FT.	IN			
0	2,506.07	0	1,838.16	0	1,504.18	0	836.21	0	504.01	0	170.43	0	170.43	0			
1/4	2,499.12	1/4	1,831.20	1/4	1,497.22	1/4	1,163.23	1/4	829.25	1/4	497.08	1/4	163.50	1/4			
1/2	2,492.17	1/2	1,824.24	1/2	1,490.27	1/2	1,156.27	1/2	822.29	1/2	490.16	1/2	156.57	1/2			
3/4	2,485.21	3/4	1,817.28	3/4	1,483.31	3/4	1,149.31	3/4	815.33	3/4	483.24	3/4	149.64	3/4			
1	2,478.26	1	1,810.33	1	1,476.35	1	808.41	1	476.29	1	142.72	1	142.72	1			
1/4	2,471.30	1/4	1,803.37	1/4	1,469.39	1/4	801.48	1/4	469.35	1/4	135.80	1/4	135.80	1/4			
1/2	2,464.34	1/2	1,796.41	1/2	1,462.43	1/2	794.55	1/2	462.40	1/2	128.88	1/2	128.88	1/2			
3/4	2,457.38	3/4	1,789.45	3/4	1,455.47	3/4	787.62	3/4	455.45	3/4	121.95	3/4	121.95	3/4			
2	2,450.43	2	1,782.49	2	1,448.52	2	780.70	2	448.49	2	115.02	2	115.02	2			
1/4	2,443.48	1/4	1,775.54	1/4	1,441.56	1/4	773.79	1/4	441.54	1/4	108.10	1/4	108.10	1/4			
1/2	2,436.52	1/2	1,768.58	1/2	1,434.60	1/2	766.87	1/2	434.58	1/2	101.17	1/2	101.17	1/2			
3/4	2,429.57	3/4	1,761.62	3/4	1,427.64	3/4	759.95	3/4	427.62	3/4	94.24	3/4	94.24	3/4			
3	2,422.61	3	1,754.66	3	1,420.68	3	753.04	3	420.66	3	87.32	3	87.32	3			
1/4	2,415.66	1/4	1,747.70	1/4	1,413.72	1/4	746.12	1/4	413.70	1/4	80.39	1/4	80.39	1/4			
1/2	2,408.70	1/2	1,740.74	1/2	1,406.77	1/2	739.20	1/2	406.74	1/2	73.47	1/2	73.47	1/2			
3/4	2,401.74	3/4	1,733.79	3/4	1,399.81	3/4	732.29	3/4	399.79	3/4	66.55	3/4	66.55	3/4			
4	2,394.79	4	2,060.83	4	1,392.85	4	725.36	4	392.83	4	60.07	4	60.07	4			
1/4	2,387.83	1/4	2,053.87	1/4	1,385.89	1/4	718.44	1/4	385.87	1/4	53.60	1/4	53.60	1/4			
1/2	2,380.88	1/2	2,046.91	1/2	1,378.93	1/2	711.52	1/2	378.91	1/2	47.12	1/2	47.12	1/2			
3/4	2,373.93	3/4	2,039.95	3/4	1,371.97	3/4	704.60	3/4	371.95	3/4	40.64	3/4	40.64	3/4			
5	2,366.97	5	2,032.99	5	1,365.02	5	697.68	5	365.00	5	35.54	5	35.54	5			
1/4	2,360.01	1/4	2,026.04	1/4	1,358.06	1/4	690.76	1/4	358.05	1/4	30.43	1/4	30.43	1/4			
1/2	2,353.05	1/2	2,019.08	1/2	1,351.10	1/2	683.85	1/2	351.10	1/2	25.32	1/2	25.32	1/2			
3/4	2,346.10	3/4	2,012.12	3/4	1,344.14	3/4	676.93	3/4	344.14	3/4	18.14	3/4	18.14	3/4			
6	2,339.14	6	2,005.16	6	1,337.18	6	670.01	6	337.18	6	16.66	6	16.66	6			
1/4	2,332.18	1/4	1,998.20	1/4	1,330.22	1/4	663.09	1/4	330.23	1/4	14.14	1/4	14.14	1/4			
1/2	2,325.22	1/2	1,991.24	1/2	1,323.27	1/2	656.18	1/2	323.27	1/2	12.12	1/2	12.12	1/2			
3/4	2,318.26	3/4	1,984.28	3/4	1,316.31	3/4	649.26	3/4	316.31	3/4	10.10	3/4	10.10	3/4			
7	2,311.30	7	1,977.33	7	1,309.35	7	642.35	7	309.35	7	9.18	7	9.18	7			
1/4	2,304.35	1/4	1,970.37	1/4	1,302.39	1/4	635.43	1/4	302.39	1/4	8.16	1/4	8.16	1/4			
1/2	2,297.39	1/2	1,963.41	1/2	1,295.43	1/2	628.51	1/2	295.43	1/2	7.14	1/2	7.14	1/2			
3/4	2,290.43	3/4	1,956.45	3/4	1,288.47	3/4	621.60	3/4	288.48	3/4	6.12	3/4	6.12	3/4			
8	2,283.47	8	1,949.49	8	1,281.52	8	614.68	8	281.52	8	5.10	8	5.10	8			
1/4	2,276.51	1/4	1,942.53	1/4	1,274.56	1/4	607.76	1/4	274.56	1/4	4.08	1/4	4.08	1/4			
1/2	2,269.55	1/2	1,935.58	1/2	1,267.60	1/2	600.85	1/2	267.60	1/2	3.06	1/2	3.06	1/2			
3/4	2,262.60	3/4	1,928.62	3/4	1,260.64	3/4	593.93	3/4	260.64	3/4	2.04	3/4	2.04	3/4			
9	2,255.64	9	1,921.66	9	1,253.68	9	587.01	9	253.68	9	1.02	9	1.02	9			
1/4	2,248.69	1/4	1,914.70	1/4	1,246.72	1/4	580.10	1/4	246.73	1/4	0.00	1/4	0.00	1/4			
1/2	2,241.74	1/2	1,907.74	1/2	1,239.77	1/2	573.18	1/2	239.77	1/2	0.00	1/2	0.00	1/2			
3/4	2,234.78	3/4	1,900.78	3/4	1,232.81	3/4	566.26	3/4	232.81	3/4	0.00	3/4	0.00	3/4			
10	2,227.82	10	1,893.83	10	1,225.85	10	559.35	10	225.87	10	0.00	10	0.00	10			
1/4	2,220.87	1/4	1,886.87	1/4	1,218.89	1/4	552.43	1/4	218.93	1/4	0.00	1/4	0.00	1/4			
1/2	2,213.91	1/2	1,879.91	1/2	1,211.93	1/2	545.51	1/2	211.99	1/2	0.00	1/2	0.00	1/2			
3/4	2,206.95	3/4	1,872.95	3/4	1,204.98	3/4	538.60	3/4	205.05	3/4	0.00	3/4	0.00	3/4			
11	2,199.99	11	1,865.99	11	1,198.02	11	531.68	11	198.13	11	0.00	11	0.00	11			
1/4	2,193.03	1/4	1,859.03	1/4	1,191.06	1/4	524.76	1/4	191.20	1/4	0.00	1/4	0.00	1/4			
1/2	2,186.08	1/2	1,852.08	1/2	1,184.10	1/2	517.85	1/2	184.28	1/2	0.00	1/2	0.00	1/2			
3/4	2,179.12	3/4	1,845.12	3/4	1,177.14	3/4	510.93	3/4	177.36	3/4	0.00	3/4	0.00	3/4			

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Pearland, Texas 77588
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BARGE "KIRBY 30409"

3 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3031"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 17'-05 3/4"																				
IN	OUT	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.												
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	5,650.10	5,338.03	5,007.42	4,668.40	4,328.45	3,988.33	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	5,646.50	5,330.99	4,993.35	4,654.23	4,314.28	3,974.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	5,642.91	5,323.96	4,986.31	4,647.15	4,307.20	3,967.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	5,638.53	5,316.92	4,979.28	4,640.06	4,300.11	3,959.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	5,634.16	5,309.87	4,972.25	4,632.98	4,293.02	3,952.90	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	5,629.78	5,302.83	4,965.23	4,625.90	4,285.93	3,945.81	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	5,625.41	5,295.79	4,958.20	4,618.81	4,278.84	3,938.72	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3/4	3/4	3/4	5,619.81	5,288.75	4,951.16	4,611.74	4,271.75	3,930.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	5,614.21	5,281.72	4,944.12	4,604.66	4,264.67	3,922.42	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	5,608.61	5,274.68	4,937.09	4,597.58	4,257.59	3,914.27	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	5,603.00	5,267.65	4,930.05	4,590.50	4,250.50	3,906.12	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
3	3	3	3	5,596.40	5,260.61	4,923.02	4,583.42	4,243.42	3,897.33	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	5,589.79	5,253.58	4,915.99	4,576.34	4,236.33	3,888.54	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	5,583.18	5,246.54	4,908.96	4,569.25	4,229.24	3,879.75	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3/4	3/4	3/4	3/4	5,576.58	5,239.50	4,901.93	4,562.17	4,222.15	3,870.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	5,569.59	5,232.47	4,894.89	4,555.09	4,215.06	3,862.17	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	5,562.60	5,225.43	4,887.85	4,548.00	4,207.98	3,853.37	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	5,555.61	5,218.40	4,880.81	4,540.92	4,200.90	3,844.58	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
3/4	3/4	3/4	3/4	5,548.62	5,211.36	4,873.77	4,533.84	4,193.81	3,835.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5,541.64	5,204.33	4,866.68	4,526.75	4,186.73	3,826.99	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5,534.65	5,197.30	4,859.60	4,519.67	4,179.65	3,818.20	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5,527.66	5,190.27	4,852.52	4,512.59	4,172.56	3,809.40	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
3/4	3/4	3/4	3/4	5,520.67	5,183.24	4,845.43	4,505.48	4,165.48	3,800.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	5,513.68	5,176.21	4,838.35	4,498.43	4,158.39	3,791.83	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	5,506.70	5,169.17	4,831.27	4,491.35	4,151.30	3,783.05	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	5,499.71	5,162.14	4,824.18	4,484.27	4,144.21	3,774.28	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
3/4	3/4	3/4	3/4	5,492.72	5,155.10	4,817.10	4,477.19	4,137.12	3,765.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	5,485.71	5,148.07	4,810.02	4,470.11	4,130.04	3,756.74	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	5,478.71	5,141.04	4,802.94	4,463.03	4,122.96	3,747.98	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	5,471.70	5,134.01	4,795.87	4,455.95	4,115.87	3,739.22	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
3/4	3/4	3/4	3/4	5,464.70	5,126.98	4,788.79	4,448.86	4,108.79	3,730.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	5,457.65	5,119.95	4,781.71	4,441.78	4,101.70	3,721.69	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	5,450.61	5,112.91	4,774.62	4,434.70	4,094.61	3,712.92	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	5,443.57	5,105.87	4,767.54	4,427.61	4,087.52	3,704.15	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
3/4	3/4	3/4	3/4	5,436.53	5,098.84	4,760.46	4,420.53	4,080.43	3,695.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	5,429.49	5,091.81	4,753.37	4,413.45	4,073.35	3,686.62	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	5,422.46	5,084.78	4,746.29	4,406.37	4,066.27	3,677.86	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	5,415.42	5,077.75	4,739.21	4,399.30	4,059.18	3,669.10	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
3/4	3/4	3/4	3/4	5,408.39	5,070.72	4,732.12	4,392.22	4,052.10	3,660.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	5,401.35	5,063.68	4,725.04	4,385.13	4,045.02	3,651.57	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	5,394.31	5,056.65	4,717.96	4,378.04	4,037.93	3,642.80	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	5,387.28	5,049.61	4,710.87	4,370.95	4,030.85	3,634.03	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
3/4	3/4	3/4	3/4	5,380.24	5,042.58	4,703.79	4,363.86	4,023.77	3,625.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	5,373.21	5,035.55	4,696.71	4,356.78	4,016.68	3,616.50	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	5,366.17	5,028.52	4,689.64	4,349.70	4,009.59	3,607.74	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	5,359.14	5,021.49	4,682.56	4,342.61	4,002.50	3,598.98	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
3/4	3/4	3/4	3/4	5,352.10	5,014.46	4,675.48	4,335.53	3,995.41	3,590.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 61'-03" FORWARD OF AFT BULKHEAD.

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

3 PORT ULLAGE TABLE

BARGE "KIRBY 30409"



FORMERLY "HOLLYWOOD 3031"

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

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,160.73	0	2,739.44	0	2,317.91	0	1,896.36	0	1,474.82	0	1,053.27	0	631.87	0	210.64	0		0	
1/4	3,151.98	1/4	2,730.66	1/4	2,309.12	1/4	1,887.58	1/4	1,466.04	1/4	1,044.49	1/4	623.09	1/4	201.90	1/4		1/4	
1/2	3,143.23	1/2	2,721.88	1/2	2,300.34	1/2	1,878.79	1/2	1,457.26	1/2	1,035.71	1/2	614.31	1/2	193.15	1/2		1/2	
3/4	3,134.48	3/4	2,713.10	3/4	2,291.55	3/4	1,870.00	3/4	1,448.48	3/4	1,026.93	3/4	605.53	3/4	184.41	3/4		3/4	
1	3,125.70	1	2,704.32	1	2,282.77	1	1,861.23	1	1,439.91	1	1,018.15	1	596.75	1	175.67	1		1	
1/4	3,116.92	1/4	2,695.54	1/4	2,273.99	1/4	1,852.45	1/4	1,430.91	1/4	1,009.36	1/4	587.97	1/4	166.92	1/4		1/4	
1/2	3,108.14	1/2	2,686.76	1/2	2,265.21	1/2	1,843.67	1/2	1,422.12	1/2	1,000.58	1/2	579.19	1/2	158.18	1/2		1/2	
3/4	3,099.36	3/4	2,677.98	3/4	2,256.43	3/4	1,834.89	3/4	1,413.34	3/4	991.79	3/4	570.41	3/4	149.43	3/4		3/4	
2	3,090.60	2	2,669.20	2	2,247.65	2	1,826.11	2	1,404.56	2	983.01	2	561.62	2	140.70	2		2	
1/4	3,081.84	1/4	2,660.41	1/4	2,238.86	1/4	1,817.33	1/4	1,395.78	1/4	974.23	1/4	552.84	1/4	131.96	1/4		1/4	
1/2	3,073.08	1/2	2,651.62	1/2	2,230.08	1/2	1,808.55	1/2	1,387.00	1/2	965.45	1/2	544.05	1/2	123.22	1/2		1/2	
3/4	3,064.31	3/4	2,642.84	3/4	2,221.29	3/4	1,799.77	3/4	1,378.22	3/4	956.67	3/4	535.27	3/4	114.43	3/4		3/4	
3	3,055.54	3	2,634.06	3	2,212.51	3	1,790.98	3	1,369.43	3	947.90	3	526.49	3	105.74	3		3	
1/4	3,046.77	1/4	2,625.28	1/4	2,203.73	1/4	1,782.20	1/4	1,360.65	1/4	939.12	1/4	517.71	1/4	96.99	1/4		1/4	
1/2	3,037.99	1/2	2,616.50	1/2	2,194.95	1/2	1,773.41	1/2	1,351.86	1/2	930.35	1/2	508.93	1/2	88.25	1/2		1/2	
3/4	3,029.22	3/4	2,607.72	3/4	2,186.17	3/4	1,764.62	3/4	1,343.08	3/4	921.58	3/4	500.15	3/4	79.50	3/4		3/4	
4	3,020.44	4	2,598.93	4	2,177.39	4	1,755.84	4	1,334.30	4	912.80	4	491.36	4	71.47	4		4	
1/4	3,011.66	1/4	2,590.15	1/4	2,168.61	1/4	1,747.06	1/4	1,325.52	1/4	904.02	1/4	482.58	1/4	63.43	1/4		1/4	
1/2	3,002.88	1/2	2,581.36	1/2	2,159.83	1/2	1,738.28	1/2	1,316.74	1/2	895.24	1/2	473.79	1/2	55.40	1/2		1/2	
3/4	2,994.10	3/4	2,572.58	3/4	2,151.05	3/4	1,729.50	3/4	1,307.96	3/4	886.46	3/4	465.00	3/4	47.36	3/4		3/4	
5	2,985.33	5	2,563.80	5	2,142.27	5	1,720.72	5	1,299.18	5	877.68	5	456.23	5	41.21	5		5	
1/4	2,976.55	1/4	2,555.02	1/4	2,133.48	1/4	1,711.93	1/4	1,290.40	1/4	868.90	1/4	447.45	1/4	35.06	1/4		1/4	
1/2	2,967.78	1/2	2,546.24	1/2	2,124.70	1/2	1,703.15	1/2	1,281.62	1/2	860.12	1/2	438.67	1/2	28.92	1/2		1/2	
3/4	2,959.00	3/4	2,537.46	3/4	2,115.91	3/4	1,694.36	3/4	1,272.84	3/4	851.34	3/4	429.89	3/4	22.77	3/4		3/4	
6	2,950.22	6	2,528.68	6	2,107.13	6	1,685.58	6	1,264.05	6	842.56	6	421.11	6		6		6	
1/4	2,941.43	1/4	2,519.90	1/4	2,098.35	1/4	1,676.80	1/4	1,255.27	1/4	833.78	1/4	412.33	1/4		1/4		1/4	
1/2	2,932.65	1/2	2,511.12	1/2	2,089.57	1/2	1,668.02	1/2	1,246.48	1/2	825.00	1/2	403.55	1/2		1/2		1/2	
3/4	2,923.86	3/4	2,502.34	3/4	2,080.79	3/4	1,659.24	3/4	1,237.69	3/4	816.22	3/4	394.77	3/4		3/4		3/4	
7	2,915.08	7	2,493.55	7	2,072.00	7	1,650.46	7	1,228.92	7	807.44	7	385.98	7		7		7	
1/4	2,906.30	1/4	2,484.77	1/4	2,063.22	1/4	1,641.68	1/4	1,220.14	1/4	798.66	1/4	377.20	1/4		1/4		1/4	
1/2	2,897.52	1/2	2,475.98	1/2	2,054.43	1/2	1,632.90	1/2	1,211.36	1/2	789.88	1/2	368.41	1/2		1/2		1/2	
3/4	2,888.74	3/4	2,467.19	3/4	2,045.65	3/4	1,624.12	3/4	1,202.58	3/4	781.10	3/4	359.62	3/4		3/4		3/4	
8	2,879.96	8	2,458.42	8	2,036.87	8	1,615.34	8	1,193.79	8	772.33	8	350.84	8		8		8	
1/4	2,871.18	1/4	2,449.64	1/4	2,028.09	1/4	1,606.55	1/4	1,185.00	1/4	763.55	1/4	342.06	1/4		1/4		1/4	
1/2	2,862.40	1/2	2,440.86	1/2	2,019.31	1/2	1,597.77	1/2	1,176.22	1/2	754.78	1/2	333.28	1/2		1/2		1/2	
3/4	2,853.62	3/4	2,432.08	3/4	2,010.53	3/4	1,588.98	3/4	1,167.43	3/4	746.01	3/4	324.50	3/4		3/4		3/4	
9	2,844.84	9	2,423.29	9	2,001.75	9	1,580.20	9	1,158.65	9	737.23	9	315.72	9		9		9	
1/4	2,836.05	1/4	2,414.50	1/4	1,992.97	1/4	1,571.42	1/4	1,149.87	1/4	728.45	1/4	306.93	1/4		1/4		1/4	
1/2	2,827.27	1/2	2,405.72	1/2	1,984.19	1/2	1,562.64	1/2	1,141.09	1/2	719.67	1/2	298.15	1/2		1/2		1/2	
3/4	2,818.48	3/4	2,396.93	3/4	1,975.41	3/4	1,553.86	3/4	1,132.31	3/4	710.89	3/4	289.36	3/4		3/4		3/4	
10	2,809.70	10	2,388.15	10	1,966.62	10	1,545.08	10	1,123.53	10	702.11	10	280.61	10		10		10	
1/4	2,800.92	1/4	2,379.37	1/4	1,957.84	1/4	1,536.29	1/4	1,114.75	1/4	693.33	1/4	271.85	1/4		1/4		1/4	
1/2	2,792.14	1/2	2,370.59	1/2	1,949.05	1/2	1,527.50	1/2	1,105.97	1/2	684.55	1/2	263.09	1/2		1/2		1/2	
3/4	2,783.36	3/4	2,361.81	3/4	1,940.27	3/4	1,518.72	3/4	1,097.19	3/4	675.77	3/4	254.34	3/4		3/4		3/4	
11	2,774.58	11	2,353.03	11	1,931.49	11	1,509.94	11	1,088.41	11	666.99	11	245.60	11		11		11	
1/4	2,765.79	1/4	2,344.25	1/4	1,922.71	1/4	1,501.16	1/4	1,079.62	1/4	658.21	1/4	236.86	1/4		1/4		1/4	
1/2	2,757.00	1/2	2,335.47	1/2	1,913.93	1/2	1,492.38	1/2	1,070.84	1/2	649.43	1/2	228.12	1/2		1/2		1/2	
3/4	2,748.22	3/4	2,326.69	3/4	1,905.15	3/4	1,483.60	3/4	1,062.05	3/4	640.65	3/4	219.39	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
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Pearland, Texas 77588
http://www.pmeacorp.net

STRAPPED: 11/18/1993 CTC
REPRINTED: 06/04/2003 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2003

BARGE "KIRBY 30409"

3 STBD ULLAGE TABLE



FORMERLY "HOLLYWOOD 3031"
CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
0	3,155.49	0	2,735.26	0	2,314.81	0	1,894.38	0	1,473.92	0	1,053.48	0	634.75	0	214.72	0		0	
1/4	3,146.75	1/4	2,726.50	1/4	2,306.06	1/4	1,885.61	1/4	1,465.16	1/4	1,044.72	1/4	626.03	1/4	206.00	1/4		1/4	
1/2	3,138.00	1/2	2,717.73	1/2	2,297.30	1/2	1,876.85	1/2	1,456.40	1/2	1,035.97	1/2	617.31	1/2	197.27	1/2		1/2	
3/4	3,129.26	3/4	2,708.97	3/4	2,288.54	3/4	1,868.09	3/4	1,447.64	3/4	1,027.21	3/4	608.59	3/4	188.54	3/4		3/4	
1	3,120.51	1	2,700.22	1	2,279.78	1	1,859.33	1	1,438.88	1	1,018.48	1	599.84	1	179.81	1		1	
1/4	3,111.77	1/4	2,691.46	1/4	2,271.02	1/4	1,850.57	1/4	1,430.13	1/4	1,009.74	1/4	591.09	1/4	171.08	1/4		1/4	
1/2	3,103.03	1/2	2,682.70	1/2	2,262.26	1/2	1,841.81	1/2	1,421.37	1/2	1,001.01	1/2	582.34	1/2	162.35	1/2		1/2	
3/4	3,094.28	3/4	2,673.95	3/4	2,253.50	3/4	1,833.04	3/4	1,412.61	3/4	992.28	3/4	573.59	3/4	153.61	3/4		3/4	
2	3,085.54	2	2,665.19	2	2,244.74	2	1,824.29	2	1,403.85	2	983.56	2	564.83	2	144.88	2		2	
1/4	3,076.79	1/4	2,656.42	1/4	2,235.98	1/4	1,815.53	1/4	1,395.09	1/4	974.84	1/4	556.08	1/4	136.15	1/4		1/4	
1/2	3,068.05	1/2	2,647.66	1/2	2,227.23	1/2	1,806.78	1/2	1,386.33	1/2	966.12	1/2	547.32	1/2	127.42	1/2		1/2	
3/4	3,059.31	3/4	2,638.90	3/4	2,218.47	3/4	1,798.02	3/4	1,377.57	3/4	957.40	3/4	538.57	3/4	118.69	3/4		3/4	
3	3,050.56	3	2,630.14	3	2,209.71	3	1,789.26	3	1,368.81	3	948.68	3	529.81	3	109.95	3		3	
1/4	3,041.82	1/4	2,621.39	1/4	2,200.95	1/4	1,780.50	1/4	1,360.06	1/4	939.96	1/4	521.04	1/4	101.22	1/4		1/4	
1/2	3,033.07	1/2	2,612.63	1/2	2,192.19	1/2	1,771.73	1/2	1,351.30	1/2	931.24	1/2	512.28	1/2	92.49	1/2		1/2	
3/4	3,024.33	3/4	2,603.88	3/4	2,183.42	3/4	1,762.97	3/4	1,342.54	3/4	922.52	3/4	503.52	3/4	83.76	3/4		3/4	
4	3,015.57	4	2,595.11	4	2,174.66	4	1,754.22	4	1,333.78	4	913.80	4	494.76	4	75.59	4		4	
1/4	3,006.82	1/4	2,586.35	1/4	2,165.90	1/4	1,745.46	1/4	1,325.02	1/4	905.08	1/4	486.00	1/4	67.42	1/4		1/4	
1/2	2,998.06	1/2	2,577.59	1/2	2,157.14	1/2	1,736.70	1/2	1,316.26	1/2	896.36	1/2	477.23	1/2	59.26	1/2		1/2	
3/4	2,989.31	3/4	2,568.83	3/4	2,148.38	3/4	1,727.95	3/4	1,307.50	3/4	887.64	3/4	468.47	3/4	51.09	3/4		3/4	
5	2,980.55	5	2,560.07	5	2,139.62	5	1,719.19	5	1,298.73	5	878.92	5	459.72	5	44.66	5		5	
1/4	2,971.79	1/4	2,551.32	1/4	2,130.86	1/4	1,710.42	1/4	1,289.97	1/4	870.20	1/4	450.96	1/4	38.22	1/4		1/4	
1/2	2,963.04	1/2	2,542.56	1/2	2,122.11	1/2	1,701.66	1/2	1,281.21	1/2	861.48	1/2	442.20	1/2	31.79	1/2		1/2	
3/4	2,954.28	3/4	2,533.81	3/4	2,113.35	3/4	1,692.90	3/4	1,272.45	3/4	852.76	3/4	433.45	3/4	22.74	3/4		3/4	
6	2,945.52	6	2,525.04	6	2,104.59	6	1,684.14	6	1,263.69	6	844.04	6	424.69	6		6		6	
1/4	2,936.76	1/4	2,516.28	1/4	2,095.83	1/4	1,675.39	1/4	1,254.94	1/4	835.32	1/4	415.92	1/4		1/4		1/4	
1/2	2,928.00	1/2	2,507.52	1/2	2,087.07	1/2	1,666.63	1/2	1,246.18	1/2	826.60	1/2	407.16	1/2		1/2		1/2	
3/4	2,919.23	3/4	2,498.76	3/4	2,078.31	3/4	1,657.88	3/4	1,237.42	3/4	817.88	3/4	398.40	3/4		3/4		3/4	
7	2,910.47	7	2,490.00	7	2,069.55	7	1,649.11	7	1,228.66	7	809.16	7	389.64	7		7		7	
1/4	2,901.71	1/4	2,481.23	1/4	2,060.79	1/4	1,640.35	1/4	1,219.90	1/4	800.44	1/4	380.88	1/4		1/4		1/4	
1/2	2,892.95	1/2	2,472.47	1/2	2,052.04	1/2	1,631.59	1/2	1,211.14	1/2	791.71	1/2	372.11	1/2		1/2		1/2	
3/4	2,884.19	3/4	2,463.71	3/4	2,043.28	3/4	1,622.83	3/4	1,202.38	3/4	782.99	3/4	363.35	3/4		3/4		3/4	
8	2,875.43	8	2,454.95	8	2,034.52	8	1,614.07	8	1,193.62	8	774.27	8	354.60	8		8		8	
1/4	2,866.67	1/4	2,446.20	1/4	2,025.76	1/4	1,605.31	1/4	1,184.86	1/4	765.55	1/4	345.84	1/4		1/4		1/4	
1/2	2,857.92	1/2	2,437.44	1/2	2,017.00	1/2	1,596.54	1/2	1,176.11	1/2	756.83	1/2	337.09	1/2		1/2		1/2	
3/4	2,849.16	3/4	2,428.69	3/4	2,008.23	3/4	1,587.78	3/4	1,167.35	3/4	748.11	3/4	328.33	3/4		3/4		3/4	
9	2,840.40	9	2,419.92	9	1,999.48	9	1,579.03	9	1,158.59	9	739.39	9	319.57	9		9		9	
1/4	2,831.64	1/4	2,411.16	1/4	1,990.72	1/4	1,570.27	1/4	1,149.83	1/4	730.67	1/4	310.81	1/4		1/4		1/4	
1/2	2,822.88	1/2	2,402.40	1/2	1,981.97	1/2	1,561.51	1/2	1,141.07	1/2	721.95	1/2	302.04	1/2		1/2		1/2	
3/4	2,814.11	3/4	2,393.64	3/4	1,973.21	3/4	1,552.76	3/4	1,132.31	3/4	713.23	3/4	293.28	3/4		3/4		3/4	
10	2,805.35	10	2,384.88	10	1,964.45	10	1,544.00	10	1,123.55	10	704.51	10	284.54	10		10		10	
1/4	2,796.59	1/4	2,376.13	1/4	1,955.69	1/4	1,535.23	1/4	1,114.79	1/4	695.79	1/4	275.81	1/4		1/4		1/4	
1/2	2,787.83	1/2	2,367.37	1/2	1,946.92	1/2	1,526.47	1/2	1,106.04	1/2	687.07	1/2	267.07	1/2		1/2		1/2	
3/4	2,779.07	3/4	2,358.61	3/4	1,938.16	3/4	1,517.71	3/4	1,097.28	3/4	678.35	3/4	258.33	3/4		3/4		3/4	
11	2,770.31	11	2,349.85	11	1,929.41	11	1,508.95	11	1,088.52	11	669.63	11	249.61	11		11		11	
1/4	2,761.54	1/4	2,341.09	1/4	1,920.65	1/4	1,500.20	1/4	1,079.76	1/4	660.91	1/4	240.89	1/4		1/4		1/4	
1/2	2,752.78	1/2	2,332.33	1/2	1,911.89	1/2	1,491.44	1/2	1,071.00	1/2	652.19	1/2	232.17	1/2		1/2		1/2	
3/4	2,744.02	3/4	2,323.57	3/4	1,903.14	3/4	1,482.69	3/4	1,062.23	3/4	643.47	3/4	223.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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