



KIRBY 30408



Barge Strapping Tables





BARGE "KIRBY 30408"

ULLAGE TRIM TABLE

FORMERLY "HW 3029"

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8

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

LENGTH BETWEEN DRAFT MARKS: 258'-00"

November 14, 2003

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

<http://www.pmacorp.net>



BARGE "KIRBY 30408"

1 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3029"
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	2,510.00	0	2,176.26	0	1,842.45	0	1,508.67	0	1,174.86	0	841.07	0	507.40	0	173.83	0		0	
1/4	2,503.05	1/4	2,169.31	1/4	1,835.50	1/4	1,501.71	1/4	1,167.90	1/4	834.12	1/4	500.45	1/4	166.90	1/4		1/4	
1/2	2,496.09	1/2	2,162.35	1/2	1,828.55	1/2	1,494.75	1/2	1,160.95	1/2	827.17	1/2	493.50	1/2	159.98	1/2		1/2	
3/4	2,489.14	3/4	2,155.39	3/4	1,821.59	3/4	1,487.80	3/4	1,154.00	3/4	820.21	3/4	486.55	3/4	153.06	3/4		3/4	
1	2,482.19	1	2,148.43	1	1,814.64	1	1,480.84	1	1,147.05	1	813.26	1	479.59	1	146.14	1		1	
1 1/4	2,475.24	1 1/4	2,141.48	1 1/4	1,807.59	1 1/4	1,473.88	1 1/4	1,140.09	1 1/4	806.31	1 1/4	472.64	1 1/4	139.21	1 1/4		1 1/4	
1 1/2	2,468.29	1 1/2	2,134.52	1 1/2	1,800.73	1 1/2	1,466.93	1 1/2	1,133.14	1 1/2	799.36	1 1/2	465.68	1 1/2	132.29	1 1/2		1 1/2	
3/4	2,461.34	3/4	2,127.57	3/4	1,793.77	3/4	1,459.98	3/4	1,126.19	3/4	792.40	3/4	458.73	3/4	125.37	3/4		3/4	
2	2,454.40	2	2,120.62	2	1,786.81	2	1,453.02	2	1,119.24	2	785.45	2	451.77	2	118.45	2		2	
1 1/4	2,447.45	1 1/4	2,113.67	1 1/4	1,779.86	1 1/4	1,446.07	1 1/4	1,112.28	1 1/4	778.50	1 1/4	444.81	1 1/4	111.52	1 1/4		1 1/4	
1 1/2	2,440.50	1 1/2	2,106.71	1 1/2	1,772.90	1 1/2	1,439.12	1 1/2	1,105.33	1 1/2	771.55	1 1/2	437.86	1 1/2	104.60	1 1/2		1 1/2	
3/4	2,433.55	3/4	2,099.76	3/4	1,765.95	3/4	1,432.17	3/4	1,098.37	3/4	764.61	3/4	430.90	3/4	97.68	3/4		3/4	
3	2,426.59	3	2,092.81	3	1,759.00	3	1,425.21	3	1,091.41	3	757.66	3	423.95	3	90.76	3		3	
1 1/4	2,419.64	1 1/4	2,085.86	1 1/4	1,752.05	1 1/4	1,418.26	1 1/4	1,084.45	1 1/4	750.71	1 1/4	417.00	1 1/4	83.83	1 1/4		1 1/4	
1 1/2	2,412.69	1 1/2	2,078.90	1 1/2	1,745.09	1 1/2	1,411.30	1 1/2	1,077.50	1 1/2	743.76	1 1/2	410.05	1 1/2	76.91	1 1/2		1 1/2	
3/4	2,405.74	3/4	2,071.94	3/4	1,738.14	3/4	1,404.34	3/4	1,070.55	3/4	736.81	3/4	403.09	3/4	69.99	3/4		3/4	
4	2,398.78	4	2,064.98	4	1,731.19	4	1,397.39	4	1,063.59	4	729.86	4	396.14	4	63.06	4		4	
1 1/4	2,391.83	1 1/4	2,058.02	1 1/4	1,724.24	1 1/4	1,390.43	1 1/4	1,056.64	1 1/4	722.90	1 1/4	389.19	1 1/4	56.14	1 1/4		1 1/4	
1 1/2	2,384.88	1 1/2	2,051.07	1 1/2	1,717.28	1 1/2	1,383.48	1 1/2	1,049.69	1 1/2	715.95	1 1/2	382.24	1 1/2	50.06	1 1/2		1 1/2	
3/4	2,377.93	3/4	2,044.12	3/4	1,710.33	3/4	1,376.52	3/4	1,042.74	3/4	709.00	3/4	375.28	3/4	43.98	3/4		3/4	
5	2,370.98	5	2,037.17	5	1,703.38	5	1,369.57	5	1,035.78	5	702.05	5	368.33	5	37.89	5		5	
1 1/4	2,364.02	1 1/4	2,030.21	1 1/4	1,696.43	1 1/4	1,362.62	1 1/4	1,028.83	1 1/4	695.09	1 1/4	361.38	1 1/4	31.81	1 1/4		1 1/4	
1 1/2	2,357.06	1 1/2	2,023.26	1 1/2	1,689.47	1 1/2	1,355.67	1 1/2	1,021.87	1 1/2	688.14	1 1/2	354.42	1 1/2	25.76	1 1/2		1 1/2	
3/4	2,350.11	3/4	2,016.31	3/4	1,682.51	3/4	1,348.71	3/4	1,014.92	3/4	681.19	3/4	347.46	3/4	19.72	3/4		3/4	
6	2,343.15	6	2,009.36	6	1,675.55	6	1,341.76	6	1,007.96	6	674.24	6	340.51	6	13.67	6		6	
1 1/4	2,336.19	1 1/4	2,002.40	1 1/4	1,668.59	1 1/4	1,334.81	1 1/4	1,001.00	1 1/4	667.28	1 1/4	333.55	1 1/4	7.62	1 1/4		1 1/4	
1 1/2	2,329.24	1 1/2	1,995.45	1 1/2	1,661.64	1 1/2	1,327.86	1 1/2	994.05	1 1/2	660.34	1 1/2	326.59	1 1/2	2.57	1 1/2		1 1/2	
3/4	2,322.28	3/4	1,988.49	3/4	1,654.69	3/4	1,320.90	3/4	987.09	3/4	653.39	3/4	319.64	3/4	1.52	3/4		3/4	
7	2,315.33	7	1,981.53	7	1,647.74	7	1,313.95	7	980.14	7	646.45	7	312.69	7	0.47	7		7	
1 1/4	2,308.38	1 1/4	1,974.57	1 1/4	1,640.78	1 1/4	1,307.00	1 1/4	973.19	1 1/4	639.50	1 1/4	305.74	1 1/4	0.42	1 1/4		1 1/4	
1 1/2	2,301.43	1 1/2	1,967.62	1 1/2	1,633.83	1 1/2	1,300.04	1 1/2	966.24	1 1/2	632.55	1 1/2	298.78	1 1/2	0.37	1 1/2		1 1/2	
3/4	2,294.48	3/4	1,960.67	3/4	1,626.88	3/4	1,293.08	3/4	959.28	3/4	625.59	3/4	291.83	3/4	0.32	3/4		3/4	
8	2,287.52	8	1,953.71	8	1,619.93	8	1,286.12	8	952.33	8	618.64	8	284.88	8	0.27	8		8	
1 1/4	2,280.57	1 1/4	1,946.76	1 1/4	1,612.98	1 1/4	1,279.17	1 1/4	945.38	1 1/4	611.69	1 1/4	277.93	1 1/4	0.22	1 1/4		1 1/4	
1 1/2	2,273.61	1 1/2	1,939.81	1 1/2	1,606.02	1 1/2	1,272.21	1 1/2	938.43	1 1/2	604.74	1 1/2	270.97	1 1/2	0.17	1 1/2		1 1/2	
3/4	2,266.65	3/4	1,932.86	3/4	1,599.06	3/4	1,265.26	3/4	931.48	3/4	597.78	3/4	264.01	3/4	0.12	3/4		3/4	
9	2,259.70	9	1,925.90	9	1,592.10	9	1,258.31	9	924.52	9	590.83	9	257.05	9	0.07	9		9	
1 1/4	2,252.74	1 1/4	1,918.95	1 1/4	1,585.14	1 1/4	1,251.36	1 1/4	917.57	1 1/4	583.88	1 1/4	250.09	1 1/4	0.02	1 1/4		1 1/4	
1 1/2	2,245.78	1 1/2	1,912.00	1 1/2	1,578.19	1 1/2	1,244.40	1 1/2	910.61	1 1/2	576.93	1 1/2	243.14	1 1/2	0.01	1 1/2		1 1/2	
3/4	2,238.83	3/4	1,905.05	3/4	1,571.24	3/4	1,237.45	3/4	903.65	3/4	569.99	3/4	236.19	3/4	0.00	3/4		3/4	
10	2,231.88	10	1,898.09	10	1,564.28	10	1,230.50	10	896.70	10	563.04	10	229.24	10	0.00	10		10	
1 1/4	2,224.93	1 1/4	1,891.14	1 1/4	1,557.33	1 1/4	1,223.55	1 1/4	889.74	1 1/4	556.09	1 1/4	222.28	1 1/4	0.00	1 1/4		1 1/4	
1 1/2	2,217.98	1 1/2	1,884.18	1 1/2	1,550.38	1 1/2	1,216.59	1 1/2	882.79	1 1/2	549.14	1 1/2	215.36	1 1/2	0.00	1 1/2		1 1/2	
3/4	2,211.02	3/4	1,877.23	3/4	1,543.43	3/4	1,209.63	3/4	875.83	3/4	542.18	3/4	208.44	3/4	0.00	3/4		3/4	
11	2,204.07	11	1,870.27	11	1,536.48	11	1,202.67	11	868.88	11	535.22	11	201.52	11	0.00	11		11	
1 1/4	2,197.12	1 1/4	1,863.31	1 1/4	1,529.52	1 1/4	1,195.71	1 1/4	861.93	1 1/4	528.26	1 1/4	194.59	1 1/4	0.00	1 1/4		1 1/4	
1 1/2	2,190.17	1 1/2	1,856.36	1 1/2	1,522.57	1 1/2	1,188.76	1 1/2	854.98	1 1/2	521.31	1 1/2	187.67	1 1/2	0.00	1 1/2		1 1/2	
3/4	2,183.21	3/4	1,849.40	3/4	1,515.62	3/4	1,181.81	3/4	848.02	3/4	514.36	3/4	180.75	3/4	0.00	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/1983 CTC
REPRINTED: 11/16/2003 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

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



BARGE "KIRBY 30408"

1 STBD

ULLAGE TABLE

FORMERLY "HOLLYWOOD 3029"

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

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	4,791.19	1/4	4,498.70	1/4	4,168.08	1/4	3,835.96	1/4	3,503.15	1/4	3,170.23	1/4	2,837.30	1/4	2,503.36	1/4	2,169.42	1/4
1/2	1/2	4,789.98	1/2	4,491.81	1/2	4,161.19	1/2	3,829.02	1/2	3,496.21	1/2	3,163.29	1/2	2,830.36	1/2	2,497.42	1/2	2,163.48	1/2
3/4	3/4	4,787.55	3/4	4,484.92	3/4	4,154.30	3/4	3,822.09	3/4	3,489.28	3/4	3,156.35	3/4	2,823.42	3/4	2,489.48	3/4	2,156.55	3/4
1	1	4,784.27	1	4,478.02	1	4,147.42	1	3,815.15	1	3,482.34	1	3,149.42	1	2,816.49	1	2,483.56	1	2,150.62	1
1/4	1/4	4,780.99	1/4	4,471.13	1/4	4,140.53	1/4	3,808.22	1/4	3,475.41	1/4	3,142.48	1/4	2,809.55	1/4	2,476.62	1/4	2,147.69	1/4
1/2	1/2	4,777.71	1/2	4,464.24	1/2	4,133.64	1/2	3,801.29	1/2	3,468.48	1/2	3,135.55	1/2	2,802.62	1/2	2,472.85	1/2	2,142.82	1/2
3/4	3/4	4,773.39	3/4	4,457.34	3/4	4,126.76	3/4	3,794.36	3/4	3,461.54	3/4	3,128.61	3/4	2,795.68	3/4	2,467.99	3/4	2,137.95	3/4
2	2	4,769.06	2	4,450.45	2	4,119.87	2	3,787.43	2	3,454.61	2	3,121.68	2	2,788.75	2	2,463.16	2	2,133.02	2
1/4	1/4	4,764.73	1/4	4,443.56	1/4	4,112.98	1/4	3,780.50	1/4	3,447.67	1/4	3,114.74	1/4	2,781.81	1/4	2,458.23	1/4	2,128.09	1/4
1/2	1/2	4,760.40	1/2	4,436.67	1/2	4,106.09	1/2	3,773.57	1/2	3,440.74	1/2	3,107.81	1/2	2,774.88	1/2	2,453.36	1/2	2,123.16	1/2
3/4	3/4	4,754.82	3/4	4,429.78	3/4	4,099.21	3/4	3,766.64	3/4	3,433.80	3/4	3,100.87	3/4	2,769.95	3/4	2,448.43	3/4	2,118.23	3/4
3	3	4,749.24	3	4,422.89	3	4,092.32	3	3,759.70	3	3,426.86	3	3,093.94	3	2,761.01	3	2,443.50	3	2,113.30	3
1/4	1/4	4,743.65	1/4	4,416.01	1/4	4,085.43	1/4	3,752.77	1/4	3,419.92	1/4	3,087.01	1/4	2,756.08	1/4	2,438.57	1/4	2,108.37	1/4
1/2	1/2	4,738.07	1/2	4,409.12	1/2	4,078.55	1/2	3,745.83	1/2	3,412.98	1/2	3,080.07	1/2	2,751.14	1/2	2,433.64	1/2	2,103.44	1/2
3/4	3/4	4,731.54	3/4	4,402.23	3/4	4,071.62	3/4	3,738.90	3/4	3,406.04	3/4	3,073.13	3/4	2,746.20	3/4	2,428.71	3/4	2,098.51	3/4
4	4	4,725.01	4	4,395.34	4	4,064.70	4	3,731.98	4	3,399.11	4	3,066.19	4	2,741.27	4	2,423.78	4	2,093.58	4
1/4	1/4	4,718.48	1/4	4,388.46	1/4	4,057.78	1/4	3,725.05	1/4	3,392.17	1/4	3,059.25	1/4	2,736.32	1/4	2,418.85	1/4	2,088.65	1/4
1/2	1/2	4,711.95	1/2	4,381.57	1/2	4,050.86	1/2	3,718.12	1/2	3,385.24	1/2	3,052.31	1/2	2,731.39	1/2	2,413.92	1/2	2,083.72	1/2
3/4	3/4	4,705.11	3/4	4,374.68	3/4	4,043.92	3/4	3,711.18	3/4	3,378.30	3/4	3,045.37	3/4	2,726.45	3/4	2,409.00	3/4	2,078.79	3/4
5	5	4,698.26	5	4,367.80	5	4,036.99	5	3,704.25	5	3,371.37	5	3,038.44	5	2,721.51	5	2,404.07	5	2,073.86	5
1/4	1/4	4,691.42	1/4	4,360.91	1/4	4,030.05	1/4	3,697.31	1/4	3,364.43	1/4	3,031.51	1/4	2,716.58	1/4	2,400.14	1/4	2,068.93	1/4
1/2	1/2	4,684.57	1/2	4,354.02	1/2	4,023.12	1/2	3,690.38	1/2	3,357.50	1/2	3,024.57	1/2	2,711.64	1/2	2,395.21	1/2	2,064.00	1/2
3/4	3/4	4,677.73	3/4	4,347.14	3/4	4,016.19	3/4	3,683.45	3/4	3,350.56	3/4	3,017.64	3/4	2,706.71	3/4	2,390.28	3/4	2,059.07	3/4
6	6	4,670.88	6	4,340.25	6	4,009.26	6	3,676.51	6	3,343.63	6	3,010.70	6	2,701.77	6	2,385.35	6	2,054.14	6
1/4	1/4	4,664.04	1/4	4,333.36	1/4	4,002.33	1/4	3,669.58	1/4	3,336.70	1/4	3,003.77	1/4	2,696.84	1/4	2,380.42	1/4	2,049.21	1/4
1/2	1/2	4,657.19	1/2	4,326.48	1/2	3,995.40	1/2	3,662.64	1/2	3,329.76	1/2	2,996.83	1/2	2,691.90	1/2	2,375.49	1/2	2,044.28	1/2
3/4	3/4	4,650.30	3/4	4,319.59	3/4	3,988.47	3/4	3,655.71	3/4	3,322.83	3/4	2,989.90	3/4	2,687.00	3/4	2,370.56	3/4	2,039.35	3/4
7	7	4,643.40	7	4,312.70	7	3,981.54	7	3,648.79	7	3,315.89	7	2,982.96	7	2,682.04	7	2,365.63	7	2,034.42	7
1/4	1/4	4,636.51	1/4	4,305.81	1/4	3,974.60	1/4	3,641.86	1/4	3,308.96	1/4	2,976.03	1/4	2,677.10	1/4	2,360.70	1/4	2,029.49	1/4
1/2	1/2	4,629.62	1/2	4,298.93	1/2	3,967.67	1/2	3,634.93	1/2	3,302.02	1/2	2,969.09	1/2	2,672.17	1/2	2,355.77	1/2	2,024.56	1/2
3/4	3/4	4,622.73	3/4	4,292.04	3/4	3,960.73	3/4	3,627.99	3/4	3,295.08	3/4	2,962.15	3/4	2,667.24	3/4	2,350.84	3/4	2,019.63	3/4
8	8	4,615.84	8	4,285.15	8	3,953.80	8	3,621.06	8	3,288.14	8	2,955.21	8	2,662.29	8	2,345.91	8	2,014.70	8
1/4	1/4	4,608.96	1/4	4,278.27	1/4	3,946.86	1/4	3,614.12	1/4	3,281.20	1/4	2,948.27	1/4	2,657.34	1/4	2,341.00	1/4	2,009.77	1/4
1/2	1/2	4,602.07	1/2	4,271.38	1/2	3,939.93	1/2	3,607.19	1/2	3,274.26	1/2	2,941.33	1/2	2,652.41	1/2	2,336.07	1/2	2,004.84	1/2
3/4	3/4	4,595.18	3/4	4,264.49	3/4	3,933.00	3/4	3,600.26	3/4	3,267.33	3/4	2,934.40	3/4	2,647.47	3/4	2,331.14	3/4	2,000.00	3/4
9	9	4,588.29	9	4,257.61	9	3,926.07	9	3,593.32	9	3,260.39	9	2,927.46	9	2,594.53	9	2,326.21	9	1,995.07	9
1/4	1/4	4,581.39	1/4	4,250.72	1/4	3,919.14	1/4	3,586.39	1/4	3,253.46	1/4	2,920.53	1/4	2,589.60	1/4	2,321.28	1/4	1,990.14	1/4
1/2	1/2	4,574.50	1/2	4,243.83	1/2	3,912.21	1/2	3,579.45	1/2	3,246.52	1/2	2,913.59	1/2	2,584.67	1/2	2,316.35	1/2	1,985.21	1/2
3/4	3/4	4,567.61	3/4	4,236.95	3/4	3,905.28	3/4	3,572.52	3/4	3,239.59	3/4	2,906.66	3/4	2,579.73	3/4	2,311.42	3/4	1,980.28	3/4
10	10	4,560.71	10	4,230.06	10	3,898.34	10	3,565.58	10	3,232.65	10	2,899.73	10	2,574.80	10	2,306.49	10	1,975.35	10
1/4	1/4	4,553.82	1/4	4,223.17	1/4	3,891.41	1/4	3,558.65	1/4	3,225.72	1/4	2,892.79	1/4	2,569.86	1/4	2,301.56	1/4	1,970.42	1/4
1/2	1/2	4,546.93	1/2	4,216.29	1/2	3,884.48	1/2	3,551.71	1/2	3,218.79	1/2	2,885.86	1/2	2,564.93	1/2	2,296.63	1/2	1,965.49	1/2
3/4	3/4	4,540.04	3/4	4,209.40	3/4	3,877.55	3/4	3,544.77	3/4	3,211.85	3/4	2,878.92	3/4	2,560.00	3/4	2,291.70	3/4	1,960.56	3/4
11	11	4,533.15	11	4,202.51	11	3,870.62	11	3,537.93	11	3,204.92	11	2,871.99	11	2,555.05	11	2,286.77	11	1,955.62	11
1/4	1/4	4,526.27	1/4	4,195.62	1/4	3,863.69	1/4	3,530.99	1/4	3,197.98	1/4	2,865.05	1/4	2,550.11	1/4	2,281.84	1/4	1,950.69	1/4
1/2	1/2	4,519.38	1/2	4,188.74	1/2	3,856.76	1/2	3,523.95	1/2	3,191.05	1/2	2,858.12	1/2	2,545.17	1/2	2,276.91	1/2	1,945.76	1/2
3/4	3/4	4,512.49	3/4	4,181.85	3/4	3,849.83	3/4	3,517.02	3/4	3,184.11	3/4	2,851.18	3/4	2,540.23	3/4	2,272.00	3/4	1,940.83	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 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 42'-00" FORWARD OF AFT BULKHEAD.
 CAPACITY TABLE RECOMPUTED 11/16/03 DUE TO CHANGE IN GAUGE POINT LOCATION.

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

SHEET NO 3 OF 12



BARGE "KIRBY 30408"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 17'-06 1/2"

FORMERLY "HOLLYWOOD 3029"

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.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	2,511.30	0	2,178.27	0	1,845.20	0	1,512.13	0	1,179.06	0	845.99	0	513.24	0	180.36	0		0	
1/4	2,504.36	1/4	2,171.34	1/4	1,838.27	1/4	1,505.20	1/4	1,172.12	1/4	839.05	1/4	506.30	1/4	173.45	1/4		1/4	
1/2	2,497.43	1/2	2,164.40	1/2	1,831.33	1/2	1,498.26	1/2	1,165.19	1/2	832.12	1/2	499.36	1/2	166.55	1/2		1/2	
3/4	2,490.49	3/4	2,157.46	3/4	1,824.39	3/4	1,491.32	3/4	1,158.25	3/4	825.19	3/4	492.42	3/4	159.64	3/4		3/4	
1	2,483.56	1	2,150.52	1	1,817.45	1	1,484.38	1	1,151.31	1	818.26	1	485.49	1	162.74	1		1	
1 1/4	2,476.62	1 1/4	2,143.58	1 1/4	1,810.51	1 1/4	1,477.44	1 1/4	1,144.37	1 1/4	811.33	1 1/4	478.55	1 1/4	145.83	1 1/4		1 1/4	
1 1/2	2,469.69	1 1/2	2,136.64	1 1/2	1,803.57	1 1/2	1,470.50	1 1/2	1,137.43	1 1/2	804.40	1 1/2	471.62	1 1/2	138.93	1 1/2		1 1/2	
3/4	2,462.75	3/4	2,129.70	3/4	1,796.63	3/4	1,463.56	3/4	1,130.49	3/4	797.47	3/4	464.68	3/4	132.02	3/4		3/4	
2	2,455.81	2	2,122.76	2	1,789.69	2	1,456.62	2	1,123.55	2	790.54	2	457.74	2	125.11	2		2	
2 1/4	2,448.87	2 1/4	2,115.82	2 1/4	1,782.75	2 1/4	1,449.68	2 1/4	1,116.61	2 1/4	783.60	2 1/4	450.80	2 1/4	118.20	2 1/4		2 1/4	
1 1/2	2,441.93	1 1/2	2,108.88	1 1/2	1,775.81	1 1/2	1,442.74	1 1/2	1,109.67	1 1/2	776.67	1 1/2	443.86	1 1/2	111.29	1 1/2		1 1/2	
3/4	2,434.99	3/4	2,101.94	3/4	1,768.87	3/4	1,435.80	3/4	1,102.73	3/4	769.74	3/4	436.92	3/4	104.38	3/4		3/4	
3	2,428.06	3	2,095.00	3	1,761.93	3	1,428.86	3	1,095.79	3	762.81	3	429.98	3	97.48	3		3	
1 1/4	2,421.12	1 1/4	2,088.06	1 1/4	1,754.99	1 1/4	1,421.92	1 1/4	1,088.84	1 1/4	755.88	1 1/4	423.04	1 1/4	90.57	1 1/4		1 1/4	
1 1/2	2,414.19	1 1/2	2,081.12	1 1/2	1,748.05	1 1/2	1,414.98	1 1/2	1,081.90	1 1/2	748.95	1 1/2	416.09	1 1/2	83.67	1 1/2		1 1/2	
3/4	2,407.26	3/4	2,074.18	3/4	1,741.11	3/4	1,408.04	3/4	1,074.97	3/4	742.02	3/4	409.15	3/4	76.76	3/4		3/4	
4	2,400.32	4	2,067.25	4	1,734.18	4	1,401.11	4	1,068.04	4	735.08	4	402.21	4	69.84	4		4	
1 1/4	2,393.39	1 1/4	2,060.32	1 1/4	1,727.24	1 1/4	1,394.17	1 1/4	1,061.10	1 1/4	728.15	1 1/4	395.27	1 1/4	62.93	1 1/4		1 1/4	
1 1/2	2,386.45	1 1/2	2,053.38	1 1/2	1,720.31	1 1/2	1,387.24	1 1/2	1,054.17	1 1/2	721.21	1 1/2	388.33	1 1/2	56.02	1 1/2		1 1/2	
3/4	2,379.51	3/4	2,046.44	3/4	1,713.37	3/4	1,380.30	3/4	1,047.23	3/4	714.29	3/4	381.40	3/4	49.95	3/4		3/4	
5	2,372.57	5	2,039.50	5	1,706.43	5	1,373.36	5	1,040.29	5	707.36	5	374.46	5	43.88	5		5	
1 1/4	2,365.63	1 1/4	2,032.56	1 1/4	1,699.49	1 1/4	1,366.42	1 1/4	1,033.34	1 1/4	700.43	1 1/4	367.53	1 1/4	37.81	1 1/4		1 1/4	
1 1/2	2,358.69	1 1/2	2,025.62	1 1/2	1,692.55	1 1/2	1,359.48	1 1/2	1,026.40	1 1/2	693.50	1 1/2	360.60	1 1/2	31.74	1 1/2		1 1/2	
3/4	2,351.75	3/4	2,018.68	3/4	1,685.61	3/4	1,352.54	3/4	1,019.46	3/4	686.57	3/4	353.65	3/4	27.40	3/4		3/4	
6	2,344.81	6	2,011.74	6	1,678.67	6	1,345.59	6	1,012.52	6	679.63	6	346.71	6	23.07	6		6	
1 1/4	2,337.87	1 1/4	2,004.80	1 1/4	1,671.73	1 1/4	1,338.65	1 1/4	1,005.58	1 1/4	672.70	1 1/4	339.77	1 1/4	18.74	1 1/4		1 1/4	
1 1/2	2,330.93	1 1/2	1,997.86	1 1/2	1,664.79	1 1/2	1,331.71	1 1/2	998.64	1 1/2	665.76	1 1/2	332.83	1 1/2	14.40	1 1/2		1 1/2	
3/4	2,323.99	3/4	1,990.92	3/4	1,657.85	3/4	1,324.77	3/4	991.70	3/4	658.83	3/4	325.89	3/4		3/4		3/4	
7	2,317.05	7	1,983.98	7	1,650.90	7	1,317.83	7	984.76	7	651.90	7	318.95	7		7		7	
1 1/4	2,310.11	1 1/4	1,977.04	1 1/4	1,643.96	1 1/4	1,310.89	1 1/4	977.82	1 1/4	644.98	1 1/4	312.01	1 1/4		1 1/4		1 1/4	
1 1/2	2,303.17	1 1/2	1,970.09	1 1/2	1,637.02	1 1/2	1,303.95	1 1/2	970.88	1 1/2	638.05	1 1/2	305.07	1 1/2		1 1/2		1 1/2	
3/4	2,296.23	3/4	1,963.16	3/4	1,630.09	3/4	1,297.02	3/4	963.95	3/4	631.11	3/4	298.13	3/4		3/4		3/4	
8	2,289.30	8	1,956.23	8	1,623.15	8	1,290.08	8	957.01	8	624.18	8	291.19	8		8		8	
1 1/4	2,282.36	1 1/4	1,949.29	1 1/4	1,616.22	1 1/4	1,283.15	1 1/4	950.08	1 1/4	617.24	1 1/4	284.25	1 1/4		1 1/4		1 1/4	
1 1/2	2,275.43	1 1/2	1,942.36	1 1/2	1,609.29	1 1/2	1,276.21	1 1/2	943.14	1 1/2	610.31	1 1/2	277.31	1 1/2		1 1/2		1 1/2	
3/4	2,268.49	3/4	1,935.42	3/4	1,602.35	3/4	1,269.27	3/4	936.20	3/4	603.38	3/4	270.37	3/4		3/4		3/4	
9	2,261.55	9	1,928.48	9	1,595.40	9	1,262.33	9	929.26	9	596.45	9	263.44	9		9		9	
1 1/4	2,254.61	1 1/4	1,921.54	1 1/4	1,588.46	1 1/4	1,255.39	1 1/4	922.32	1 1/4	589.52	1 1/4	256.51	1 1/4		1 1/4		1 1/4	
1 1/2	2,247.67	1 1/2	1,914.60	1 1/2	1,581.52	1 1/2	1,248.45	1 1/2	915.38	1 1/2	582.59	1 1/2	249.57	1 1/2		1 1/2		1 1/2	
3/4	2,240.73	3/4	1,907.65	3/4	1,574.58	3/4	1,241.51	3/4	908.44	3/4	575.66	3/4	242.63	3/4		3/4		3/4	
10	2,233.79	10	1,900.71	10	1,567.64	10	1,234.57	10	901.50	10	568.73	10	235.69	10		10		10	
1 1/4	2,226.84	1 1/4	1,893.77	1 1/4	1,560.70	1 1/4	1,227.63	1 1/4	894.56	1 1/4	561.79	1 1/4	228.75	1 1/4		1 1/4		1 1/4	
1 1/2	2,219.90	1 1/2	1,886.83	1 1/2	1,553.76	1 1/2	1,220.69	1 1/2	887.62	1 1/2	554.86	1 1/2	221.81	1 1/2		1 1/2		1 1/2	
3/4	2,212.96	3/4	1,879.89	3/4	1,546.82	3/4	1,213.75	3/4	880.68	3/4	547.92	3/4	214.90	3/4		3/4		3/4	
11	2,206.02	11	1,872.95	11	1,539.88	11	1,206.81	11	873.74	11	540.99	11	207.99	11		11		11	
1 1/4	2,199.08	1 1/4	1,866.01	1 1/4	1,532.94	1 1/4	1,199.87	1 1/4	866.80	1 1/4	534.05	1 1/4	201.08	1 1/4		1 1/4		1 1/4	
1 1/2	2,192.14	1 1/2	1,859.07	1 1/2	1,526.00	1 1/2	1,192.93	1 1/2	859.86	1 1/2	527.12	1 1/2	194.17	1 1/2		1 1/2		1 1/2	
3/4	2,185.21	3/4	1,852.14	3/4	1,519.07	3/4	1,185.99	3/4	852.92	3/4	520.18	3/4	187.26	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/12/1983 CTC
REPRINTED: 11/16/2003 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
http://www.pmacorp.net



BARGE "KIRBY 30408"

2 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 3029"
CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS
GAUGE HEIGHT 17'-06" 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	2,502.47	0	1,835.07	0	1,501.35	0	833.90	0	500.33	0
1/4	2,495.52	1/4	1,828.12	1/4	1,494.40	1/4	826.95	1/4	493.38	1/4
1/2	2,488.57	1/2	1,821.16	1/2	1,487.45	1/2	820.01	1/2	486.43	1/2
3/4	2,481.62	3/4	1,814.21	3/4	1,480.50	3/4	813.06	3/4	479.47	3/4
1	2,474.66	1	1,807.26	1	1,473.54	1	806.12	1	472.52	1
1 1/4	2,467.72	1 1/4	1,800.31	1 1/4	1,466.59	1 1/4	799.16	1 1/4	465.57	1 1/4
1 1/2	2,460.77	1 1/2	1,793.36	1 1/2	1,459.64	1 1/2	792.21	1 1/2	458.62	1 1/2
3/4	2,453.83	3/4	1,786.40	3/4	1,452.69	3/4	785.26	3/4	451.66	3/4
2	2,446.88	2	1,779.45	2	1,445.74	2	778.31	2	444.71	2
2 1/4	2,439.93	2 1/4	1,772.50	2 1/4	1,438.78	2 1/4	771.36	2 1/4	437.76	2 1/4
2 1/2	2,432.98	2 1/2	1,765.55	2 1/2	1,431.83	2 1/2	764.41	2 1/2	430.81	2 1/2
3/4	2,426.02	3/4	1,758.59	3/4	1,424.88	3/4	757.47	3/4	423.85	3/4
3	2,419.07	3	1,751.64	3	1,417.93	3	750.52	3	416.90	3
3 1/4	2,412.12	3 1/4	1,744.69	3 1/4	1,410.97	3 1/4	743.57	3 1/4	409.95	3 1/4
3 1/2	2,405.17	3 1/2	1,737.74	3 1/2	1,404.02	3 1/2	736.63	3 1/2	403.00	3 1/2
3/4	2,398.21	3/4	1,730.78	3/4	1,397.07	3/4	729.68	3/4	396.04	3/4
4	2,391.26	4	1,723.83	4	1,390.12	4	722.73	4	389.09	4
4 1/4	2,384.31	4 1/4	1,716.88	4 1/4	1,383.16	4 1/4	715.78	4 1/4	382.14	4 1/4
4 1/2	2,377.36	4 1/2	1,709.93	4 1/2	1,376.21	4 1/2	708.83	4 1/2	375.19	4 1/2
3/4	2,370.40	3/4	1,702.97	3/4	1,369.26	3/4	701.88	3/4	368.23	3/4
5	2,363.45	5	1,696.02	5	1,362.31	5	694.92	5	361.28	5
5 1/4	2,356.50	5 1/4	1,689.07	5 1/4	1,355.35	5 1/4	687.98	5 1/4	354.33	5 1/4
5 1/2	2,349.55	5 1/2	1,682.12	5 1/2	1,348.40	5 1/2	681.03	5 1/2	347.38	5 1/2
3/4	2,342.59	3/4	1,675.16	3/4	1,341.45	3/4	674.09	3/4	340.42	3/4
6	2,335.64	6	1,668.21	6	1,334.50	6	667.14	6	333.47	6
6 1/4	2,328.69	6 1/4	1,661.26	6 1/4	1,327.54	6 1/4	660.19	6 1/4	326.52	6 1/4
6 1/2	2,321.74	6 1/2	1,654.31	6 1/2	1,320.59	6 1/2	653.23	6 1/2	319.57	6 1/2
3/4	2,314.79	3/4	1,647.35	3/4	1,313.64	3/4	646.28	3/4	312.62	3/4
7	2,307.83	7	1,640.40	7	1,306.69	7	639.33	7	305.66	7
7 1/4	2,300.88	7 1/4	1,633.45	7 1/4	1,299.73	7 1/4	632.38	7 1/4	298.71	7 1/4
7 1/2	2,293.93	7 1/2	1,626.50	7 1/2	1,292.78	7 1/2	625.44	7 1/2	291.76	7 1/2
3/4	2,286.98	3/4	1,619.55	3/4	1,285.83	3/4	618.49	3/4	284.81	3/4
8	2,280.02	8	1,612.59	8	1,278.88	8	611.54	8	277.85	8
8 1/4	2,273.07	8 1/4	1,605.64	8 1/4	1,271.93	8 1/4	604.59	8 1/4	270.90	8 1/4
8 1/2	2,266.12	8 1/2	1,598.69	8 1/2	1,264.97	8 1/2	597.64	8 1/2	263.95	8 1/2
3/4	2,259.17	3/4	1,591.74	3/4	1,258.02	3/4	590.69	3/4	257.00	3/4
9	2,252.21	9	1,584.78	9	1,251.07	9	583.73	9	250.04	9
9 1/4	2,245.26	9 1/4	1,577.83	9 1/4	1,244.12	9 1/4	576.79	9 1/4	243.09	9 1/4
9 1/2	2,238.31	9 1/2	1,570.88	9 1/2	1,237.16	9 1/2	569.84	9 1/2	236.14	9 1/2
3/4	2,231.36	3/4	1,563.93	3/4	1,230.21	3/4	562.90	3/4	229.19	3/4
10	2,224.40	10	1,556.97	10	1,223.26	10	555.95	10	222.23	10
10 1/4	2,217.45	10 1/4	1,550.02	10 1/4	1,216.31	10 1/4	549.00	10 1/4	215.31	10 1/4
10 1/2	2,210.50	10 1/2	1,543.07	10 1/2	1,209.35	10 1/2	542.04	10 1/2	208.39	10 1/2
3/4	2,203.55	3/4	1,536.12	3/4	1,202.40	3/4	535.09	3/4	201.47	3/4
11	2,196.59	11	1,529.16	11	1,195.45	11	528.14	11	194.54	11
11 1/4	2,189.64	11 1/4	1,522.21	11 1/4	1,188.50	11 1/4	521.19	11 1/4	187.62	11 1/4
11 1/2	2,182.69	11 1/2	1,515.26	11 1/2	1,181.54	11 1/2	514.23	11 1/2	180.70	11 1/2
3/4	2,175.74	3/4	1,508.31	3/4	1,174.59	3/4	507.28	3/4	173.78	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 30408"

2 STBD ULLAGE TABLE

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

FORMERLY "HOLLYWOOD 3029"

GAUGE HEIGHT 17'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D
0	2,500.86	0	2,166.21	0	1,831.53	0	1,496.86	0	1,162.17	0	827.69	0	494.74	0	160.39	0		0	
1/4	2,493.89	1/4	2,159.24	1/4	1,824.56	1/4	1,489.88	1/4	1,155.19	1/4	820.76	1/4	487.77	1/4	153.45	1/4		1/4	
1/2	2,486.92	1/2	2,152.26	1/2	1,817.59	1/2	1,482.90	1/2	1,148.21	1/2	813.83	1/2	480.80	1/2	146.51	1/2		1/2	
3/4	2,479.95	3/4	2,145.28	3/4	1,810.62	3/4	1,475.93	3/4	1,141.24	3/4	806.90	3/4	473.83	3/4	139.57	3/4		3/4	
1	2,472.98	1	2,138.31	1	1,803.64	1	1,468.96	1	1,134.27	1	799.97	1	466.86	1	132.63	1		1	
1/4	2,466.01	1/4	2,131.34	1/4	1,796.67	1/4	1,461.99	1/4	1,127.30	1/4	793.03	1/4	459.89	1/4	125.69	1/4		1/4	
1/2	2,459.04	1/2	2,124.37	1/2	1,789.69	1/2	1,455.02	1/2	1,120.33	1/2	786.10	1/2	452.92	1/2	118.75	1/2		1/2	
3/4	2,452.07	3/4	2,117.40	3/4	1,782.71	3/4	1,448.05	3/4	1,113.36	3/4	779.17	3/4	445.95	3/4	111.81	3/4		3/4	
2	2,445.10	2	2,110.43	2	1,775.74	2	1,441.07	2	1,106.39	2	772.23	2	438.98	2	104.87	2		2	
1/4	2,438.13	1/4	2,103.46	1/4	1,768.77	1/4	1,434.09	1/4	1,099.42	1/4	765.30	1/4	432.00	1/4	97.93	1/4		1/4	
1/2	2,431.16	1/2	2,096.49	1/2	1,761.80	1/2	1,427.12	1/2	1,092.45	1/2	758.36	1/2	425.02	1/2	90.99	1/2		1/2	
3/4	2,424.19	3/4	2,089.52	3/4	1,754.83	3/4	1,420.14	3/4	1,085.48	3/4	751.43	3/4	418.05	3/4	84.05	3/4		3/4	
3	2,417.22	3	2,082.55	3	1,747.86	3	1,413.17	3	1,078.50	3	744.50	3	411.08	3	77.11	3		3	
1/4	2,410.25	1/4	2,075.57	1/4	1,740.89	1/4	1,406.20	1/4	1,071.52	1/4	737.57	1/4	404.11	1/4	70.17	1/4		1/4	
1/2	2,403.28	1/2	2,068.59	1/2	1,733.92	1/2	1,399.23	1/2	1,064.55	1/2	730.64	1/2	397.14	1/2	63.23	1/2		1/2	
3/4	2,396.31	3/4	2,061.62	3/4	1,726.95	3/4	1,392.26	3/4	1,057.57	3/4	723.71	3/4	390.17	3/4	56.28	3/4		3/4	
4	2,389.34	4	2,054.65	4	1,719.98	4	1,385.29	4	1,050.60	4	716.78	4	383.20	4	50.18	4		4	
1/4	2,382.37	1/4	2,047.68	1/4	1,713.00	1/4	1,378.32	1/4	1,043.63	1/4	709.84	1/4	376.23	1/4	44.08	1/4		1/4	
1/2	2,375.40	1/2	2,040.71	1/2	1,706.02	1/2	1,371.35	1/2	1,036.66	1/2	702.91	1/2	369.25	1/2	37.98	1/2		1/2	
3/4	2,368.43	3/4	2,033.74	3/4	1,699.05	3/4	1,364.38	3/4	1,029.69	3/4	695.98	3/4	362.28	3/4	31.88	3/4		3/4	
5	2,361.46	5	2,026.77	5	1,692.08	5	1,357.41	5	1,022.71	5	689.05	5	355.31	5	27.52	5		5	
1/4	2,354.48	1/4	2,019.80	1/4	1,685.11	1/4	1,350.43	1/4	1,015.74	1/4	682.12	1/4	348.34	1/4	23.17	1/4		1/4	
1/2	2,347.51	1/2	2,012.83	1/2	1,678.14	1/2	1,343.45	1/2	1,008.76	1/2	675.19	1/2	341.37	1/2	18.81	1/2		1/2	
3/4	2,340.52	3/4	2,005.86	3/4	1,671.17	3/4	1,336.48	3/4	1,001.78	3/4	668.26	3/4	334.40	3/4	14.45	3/4		3/4	
6	2,333.55	6	1,998.88	6	1,664.19	6	1,329.51	6	994.81	6	661.33	6	327.43	6		6		6	
1/4	2,326.58	1/4	1,991.90	1/4	1,657.21	1/4	1,322.53	1/4	987.84	1/4	654.39	1/4	320.45	1/4		1/4		1/4	
1/2	2,319.61	1/2	1,984.93	1/2	1,650.24	1/2	1,315.56	1/2	980.87	1/2	647.46	1/2	313.48	1/2		1/2		1/2	
3/4	2,312.64	3/4	1,977.95	3/4	1,643.26	3/4	1,308.59	3/4	973.90	3/4	640.52	3/4	306.50	3/4		3/4		3/4	
7	2,305.67	7	1,970.98	7	1,636.29	7	1,301.62	7	966.93	7	633.59	7	299.53	7		7		7	
1/4	2,298.69	1/4	1,964.01	1/4	1,629.32	1/4	1,294.64	1/4	959.96	1/4	626.67	1/4	292.56	1/4		1/4		1/4	
1/2	2,291.71	1/2	1,957.04	1/2	1,622.35	1/2	1,287.67	1/2	952.99	1/2	619.74	1/2	285.59	1/2		1/2		1/2	
3/4	2,284.74	3/4	1,950.07	3/4	1,615.38	3/4	1,280.69	3/4	946.02	3/4	612.81	3/4	278.62	3/4		3/4		3/4	
8	2,277.77	8	1,943.09	8	1,608.41	8	1,273.72	8	939.05	8	605.87	8	271.65	8		8		8	
1/4	2,270.80	1/4	1,936.12	1/4	1,601.44	1/4	1,266.75	1/4	932.08	1/4	598.94	1/4	264.68	1/4		1/4		1/4	
1/2	2,263.83	1/2	1,929.14	1/2	1,594.47	1/2	1,259.78	1/2	925.11	1/2	592.01	1/2	257.71	1/2		1/2		1/2	
3/4	2,256.86	3/4	1,922.17	3/4	1,587.50	3/4	1,252.81	3/4	918.14	3/4	585.07	3/4	250.74	3/4		3/4		3/4	
9	2,249.89	9	1,915.20	9	1,580.52	9	1,245.84	9	911.17	9	578.14	9	243.77	9		9		9	
1/4	2,242.92	1/4	1,908.23	1/4	1,573.55	1/4	1,238.87	1/4	904.19	1/4	571.20	1/4	236.80	1/4		1/4		1/4	
1/2	2,235.95	1/2	1,901.25	1/2	1,566.57	1/2	1,231.90	1/2	897.21	1/2	564.27	1/2	229.83	1/2		1/2		1/2	
3/4	2,228.98	3/4	1,894.28	3/4	1,559.59	3/4	1,224.93	3/4	890.24	3/4	557.33	3/4	222.86	3/4		3/4		3/4	
10	2,222.00	10	1,887.31	10	1,552.62	10	1,217.95	10	883.27	10	550.40	10	215.92	10		10		10	
1/4	2,215.02	1/4	1,880.34	1/4	1,545.65	1/4	1,210.98	1/4	876.30	1/4	543.46	1/4	208.98	1/4		1/4		1/4	
1/2	2,208.05	1/2	1,873.37	1/2	1,538.68	1/2	1,204.00	1/2	869.33	1/2	536.53	1/2	202.04	1/2		1/2		1/2	
3/4	2,201.07	3/4	1,866.40	3/4	1,531.71	3/4	1,197.02	3/4	862.36	3/4	529.59	3/4	195.09	3/4		3/4		3/4	
11	2,194.10	11	1,859.43	11	1,524.74	11	1,190.05	11	855.42	11	522.62	11	188.15	11		11		11	
1/4	2,187.13	1/4	1,852.45	1/4	1,517.77	1/4	1,183.08	1/4	848.49	1/4	515.65	1/4	181.21	1/4		1/4		1/4	
1/2	2,180.16	1/2	1,845.48	1/2	1,510.80	1/2	1,176.11	1/2	841.55	1/2	508.68	1/2	174.27	1/2		1/2		1/2	
3/4	2,173.19	3/4	1,838.50	3/4	1,503.83	3/4	1,169.14	3/4	834.62	3/4	501.71	3/4	167.33	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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REPRINTED: 11/16/2003 SW

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PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 30408"

3 PORT ULLAGE TABLE

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

FORMERLY "HOLLYWOOD 3029"

GAUGE HEIGHT 17'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	3,158.00	0	2,735.77	0	2,313.44	0	1,891.10	0	1,468.77	0	1,046.44	0	624.25	0	202.28	0		0	
1/4	3,149.22	1/4	2,726.97	1/4	2,304.84	1/4	1,882.31	1/4	1,459.97	1/4	1,037.65	1/4	615.45	1/4	193.52	1/4		1/4	
1/2	3,140.44	1/2	2,718.17	1/2	2,295.84	1/2	1,873.51	1/2	1,451.17	1/2	1,028.86	1/2	606.65	1/2	184.76	1/2		1/2	
3/4	3,131.66	3/4	2,709.38	3/4	2,287.04	3/4	1,864.71	3/4	1,442.38	3/4	1,020.07	3/4	597.85	3/4	176.00	3/4		3/4	
1	3,122.87	1	2,700.58	1	2,278.25	1	1,855.91	1	1,433.58	1	1,011.27	1	589.06	1	167.24	1		1	
1 1/4	3,114.08	1 1/4	2,691.78	1 1/4	2,269.45	1 1/4	1,847.12	1 1/4	1,424.78	1 1/4	1,002.47	1 1/4	580.26	1 1/4	158.48	1 1/4		1 1/4	
1 1/2	3,105.29	1 1/2	2,682.98	1 1/2	2,260.65	1 1/2	1,838.32	1 1/2	1,415.98	1 1/2	993.68	1 1/2	571.46	1 1/2	149.73	1 1/2		1 1/2	
3/4	3,096.50	3/4	2,674.19	3/4	2,251.85	3/4	1,829.52	3/4	1,407.19	3/4	984.88	3/4	562.66	3/4	140.97	3/4		3/4	
2	3,087.71	2	2,665.39	2	2,243.06	2	1,820.72	2	1,398.39	2	976.09	2	553.87	2	132.21	2		2	
1 1/4	3,078.91	1 1/4	2,656.59	1 1/4	2,234.26	1 1/4	1,811.92	1 1/4	1,389.59	1 1/4	967.29	1 1/4	545.07	1 1/4	123.45	1 1/4		1 1/4	
1 1/2	3,070.12	1 1/2	2,647.79	1 1/2	2,225.46	1 1/2	1,803.13	1 1/2	1,380.79	1 1/2	958.50	1 1/2	536.27	1 1/2	114.69	1 1/2		1 1/2	
3/4	3,061.33	3/4	2,639.00	3/4	2,216.66	3/4	1,794.33	3/4	1,372.00	3/4	949.71	3/4	527.47	3/4	105.93	3/4		3/4	
3	3,052.53	3	2,630.20	3	2,207.87	3	1,785.53	3	1,363.20	3	940.91	3	518.68	3	97.17	3		3	
1 1/4	3,043.73	1 1/4	2,621.40	1 1/4	2,199.07	1 1/4	1,776.73	1 1/4	1,354.40	1 1/4	932.12	1 1/4	509.88	1 1/4	88.41	1 1/4		1 1/4	
1 1/2	3,034.94	1 1/2	2,612.60	1 1/2	2,190.27	1 1/2	1,767.94	1 1/2	1,345.60	1 1/2	923.32	1 1/2	501.08	1 1/2	79.66	1 1/2		1 1/2	
3/4	3,026.14	3/4	2,603.81	3/4	2,181.47	3/4	1,759.14	3/4	1,336.81	3/4	914.52	3/4	492.28	3/4	70.90	3/4		3/4	
4	3,017.34	4	2,595.01	4	2,172.68	4	1,750.34	4	1,328.01	4	905.72	4	483.48	4	63.20	4		4	
1 1/4	3,008.54	1 1/4	2,586.21	1 1/4	2,163.88	1 1/4	1,741.54	1 1/4	1,319.21	1 1/4	896.93	1 1/4	474.68	1 1/4	55.51	1 1/4		1 1/4	
1 1/2	2,999.75	1 1/2	2,577.41	1 1/2	2,155.08	1 1/2	1,732.75	1 1/2	1,310.41	1 1/2	888.13	1 1/2	465.87	1 1/2	47.81	1 1/2		1 1/2	
3/4	2,990.95	3/4	2,568.62	3/4	2,146.28	3/4	1,723.95	3/4	1,301.62	3/4	879.33	3/4	457.07	3/4	40.12	3/4		3/4	
5	2,982.15	5	2,559.81	5	2,137.48	5	1,715.15	5	1,292.81	5	870.54	5	448.27	5	34.62	5		5	
1 1/4	2,973.34	1 1/4	2,551.01	1 1/4	2,128.68	1 1/4	1,706.34	1 1/4	1,284.01	1 1/4	861.75	1 1/4	439.47	1 1/4	29.12	1 1/4		1 1/4	
1 1/2	2,964.54	1 1/2	2,542.20	1 1/2	2,119.87	1 1/2	1,697.54	1 1/2	1,275.20	1 1/2	852.95	1 1/2	430.67	1 1/2	23.62	1 1/2		1 1/2	
3/4	2,955.73	3/4	2,533.40	3/4	2,111.07	3/4	1,688.73	3/4	1,266.40	3/4	844.16	3/4	421.88	3/4	18.12	3/4		3/4	
6	2,946.94	6	2,524.60	6	2,102.27	6	1,679.94	6	1,257.60	6	835.37	6	413.08	6		6		6	
1 1/4	2,938.14	1 1/4	2,515.81	1 1/4	2,093.47	1 1/4	1,671.14	1 1/4	1,248.81	1 1/4	826.57	1 1/4	404.28	1 1/4		1 1/4		1 1/4	
1 1/2	2,929.34	1 1/2	2,507.01	1 1/2	2,084.67	1 1/2	1,662.34	1 1/2	1,240.01	1 1/2	817.77	1 1/2	395.48	1 1/2		1 1/2		1 1/2	
3/4	2,920.54	3/4	2,498.21	3/4	2,075.88	3/4	1,653.54	3/4	1,231.21	3/4	808.97	3/4	386.69	3/4		3/4		3/4	
7	2,911.75	7	2,489.41	7	2,067.08	7	1,644.75	7	1,222.41	7	800.18	7	377.89	7		7		7	
1 1/4	2,902.95	1 1/4	2,480.62	1 1/4	2,058.28	1 1/4	1,635.95	1 1/4	1,213.62	1 1/4	791.39	1 1/4	369.09	1 1/4		1 1/4		1 1/4	
1 1/2	2,894.15	1 1/2	2,471.82	1 1/2	2,049.48	1 1/2	1,627.15	1 1/2	1,204.82	1 1/2	782.60	1 1/2	360.29	1 1/2		1 1/2		1 1/2	
3/4	2,885.35	3/4	2,463.02	3/4	2,040.69	3/4	1,618.35	3/4	1,196.02	3/4	773.81	3/4	351.50	3/4		3/4		3/4	
8	2,876.56	8	2,454.22	8	2,031.89	8	1,609.56	8	1,187.22	8	765.01	8	342.70	8		8		8	
1 1/4	2,867.76	1 1/4	2,445.42	1 1/4	2,023.09	1 1/4	1,600.76	1 1/4	1,178.42	1 1/4	756.21	1 1/4	333.90	1 1/4		1 1/4		1 1/4	
1 1/2	2,858.96	1 1/2	2,436.63	1 1/2	2,014.29	1 1/2	1,591.96	1 1/2	1,169.63	1 1/2	747.41	1 1/2	325.10	1 1/2		1 1/2		1 1/2	
3/4	2,850.16	3/4	2,427.83	3/4	2,005.50	3/4	1,583.16	3/4	1,160.83	3/4	738.62	3/4	316.31	3/4		3/4		3/4	
9	2,841.37	9	2,419.03	9	1,996.70	9	1,574.37	9	1,152.03	9	729.82	9	307.50	9		9		9	
1 1/4	2,832.57	1 1/4	2,410.23	1 1/4	1,987.90	1 1/4	1,565.57	1 1/4	1,143.23	1 1/4	721.03	1 1/4	298.70	1 1/4		1 1/4		1 1/4	
1 1/2	2,823.77	1 1/2	2,401.44	1 1/2	1,979.10	1 1/2	1,556.77	1 1/2	1,134.44	1 1/2	712.24	1 1/2	289.90	1 1/2		1 1/2		1 1/2	
3/4	2,814.97	3/4	2,392.64	3/4	1,970.31	3/4	1,547.97	3/4	1,125.64	3/4	703.45	3/4	281.09	3/4		3/4		3/4	
10	2,806.18	10	2,383.84	10	1,961.51	10	1,539.18	10	1,116.84	10	694.65	10	272.34	10		10		10	
1 1/4	2,797.38	1 1/4	2,375.04	1 1/4	1,952.71	1 1/4	1,530.38	1 1/4	1,108.04	1 1/4	685.84	1 1/4	263.58	1 1/4		1 1/4		1 1/4	
1 1/2	2,788.58	1 1/2	2,366.25	1 1/2	1,943.91	1 1/2	1,521.58	1 1/2	1,099.25	1 1/2	677.04	1 1/2	254.82	1 1/2		1 1/2		1 1/2	
3/4	2,779.78	3/4	2,357.45	3/4	1,935.12	3/4	1,512.78	3/4	1,090.45	3/4	668.23	3/4	246.07	3/4		3/4		3/4	
11	2,770.98	11	2,348.65	11	1,926.31	11	1,503.98	11	1,081.65	11	659.44	11	237.31	11		11		11	
1 1/4	2,762.18	1 1/4	2,339.84	1 1/4	1,917.51	1 1/4	1,495.18	1 1/4	1,072.84	1 1/4	650.64	1 1/4	228.56	1 1/4		1 1/4		1 1/4	
1 1/2	2,753.37	1 1/2	2,331.04	1 1/2	1,908.70	1 1/2	1,486.37	1 1/2	1,064.04	1 1/2	641.84	1 1/2	219.80	1 1/2		1 1/2		1 1/2	
3/4	2,744.57	3/4	2,322.23	3/4	1,899.90	3/4	1,477.57	3/4	1,055.23	3/4	633.04	3/4	211.04	3/4		3/4		3/4	

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BARGE "KIRBY 30408"

3 STBD ULLAGE TABLE

FORMERLY "HOLLYWOOD 3029" GAUGE HEIGHT 17'-05 1/4" 19 FT.

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	IN	OUT
0	3,140.67	0	2,718.19	0	2,295.64	0	1,873.11	0	1,450.57	0	1,028.29	0	607.36	0	185.11	0					
1/4	3,131.88	1/4	2,709.58	1/4	2,286.94	1/4	1,864.31	1/4	1,441.77	1/4	1,019.53	1/4	598.55	1/4	176.34	1/4					
1/2	3,123.09	1/2	2,700.38	1/2	2,278.03	1/2	1,855.51	1/2	1,432.96	1/2	1,010.76	1/2	589.75	1/2	167.56	1/2					
3/4	3,114.30	3/4	2,691.78	3/4	2,269.23	3/4	1,846.71	3/4	1,424.16	3/4	1,002.00	3/4	580.94	3/4	158.79	3/4					
1	3,105.51	1	2,682.97	1	2,260.43	1	1,837.90	1	1,415.36	1	993.24	1	572.14	1	150.01	1					
1 1/4	3,096.72	1 1/4	2,674.17	1 1/4	2,251.62	1 1/4	1,829.10	1 1/4	1,406.55	1 1/4	984.48	1 1/4	563.34	1 1/4	141.24	1 1/4					
1 1/2	3,087.92	1 1/2	2,665.37	1 1/2	2,242.82	1 1/2	1,820.30	1 1/2	1,397.75	1 1/2	975.72	1 1/2	554.53	1 1/2	132.47	1 1/2					
3/4	3,079.12	3/4	2,656.56	3/4	2,234.03	3/4	1,811.49	3/4	1,388.94	3/4	966.96	3/4	545.73	3/4	123.69	3/4					
2	3,070.33	2	2,647.76	2	2,225.23	2	1,802.69	2	1,380.14	2	958.19	2	536.93	2	114.92	2					
1 1/4	3,061.53	1 1/4	2,638.96	1 1/4	2,216.43	1 1/4	1,793.88	1 1/4	1,371.34	1 1/4	949.43	1 1/4	528.12	1 1/4	106.15	1 1/4					
1 1/2	3,052.72	1 1/2	2,630.16	1 1/2	2,207.63	1 1/2	1,785.08	1 1/2	1,362.53	1 1/2	940.66	1 1/2	519.32	1 1/2	97.37	1 1/2					
3/4	3,043.92	3/4	2,621.36	3/4	2,198.83	3/4	1,776.28	3/4	1,353.73	3/4	931.90	3/4	510.52	3/4	88.60	3/4					
3	3,035.12	3	2,612.56	3	2,190.02	3	1,767.47	3	1,344.93	3	923.13	3	501.71	3	79.82	3					
1 1/4	3,026.31	1 1/4	2,603.77	1 1/4	2,181.22	1 1/4	1,758.67	1 1/4	1,336.12	1 1/4	914.36	1 1/4	492.91	1 1/4	71.05	1 1/4					
1 1/2	3,017.51	1 1/2	2,594.96	1 1/2	2,172.41	1 1/2	1,749.87	1 1/2	1,327.32	1 1/2	905.60	1 1/2	484.10	1 1/2	63.34	1 1/2					
3/4	3,008.71	3/4	2,586.16	3/4	2,163.61	3/4	1,741.06	3/4	1,318.52	3/4	896.84	3/4	475.30	3/4	55.62	3/4					
4	2,999.90	4	2,577.36	4	2,154.81	4	1,732.26	4	1,309.71	4	888.07	4	466.50	4	47.91	4					
1 1/4	2,991.10	1 1/4	2,568.55	1 1/4	2,146.00	1 1/4	1,723.46	1 1/4	1,300.91	1 1/4	879.31	1 1/4	457.69	1 1/4	40.19	1 1/4					
1 1/2	2,982.30	1 1/2	2,559.75	1 1/2	2,137.20	1 1/2	1,714.65	1 1/2	1,292.10	1 1/2	870.55	1 1/2	448.89	1 1/2	34.68	1 1/2					
3/4	2,973.49	3/4	2,550.94	3/4	2,128.40	3/4	1,705.85	3/4	1,283.30	3/4	861.79	3/4	440.09	3/4	29.17	3/4					
5	2,964.69	5	2,542.14	5	2,119.59	5	1,697.04	5	1,274.50	5	853.03	5	431.28	5	23.66	5					
1 1/4	2,955.89	1 1/4	2,533.34	1 1/4	2,110.79	1 1/4	1,688.24	1 1/4	1,265.69	1 1/4	844.26	1 1/4	422.48	1 1/4	18.14	1 1/4					
1 1/2	2,947.08	1 1/2	2,524.53	1 1/2	2,101.99	1 1/2	1,679.44	1 1/2	1,256.89	1 1/2	835.50	1 1/2	413.68	1 1/2		1 1/2					
3/4	2,938.28	3/4	2,515.73	3/4	2,093.18	3/4	1,670.65	3/4	1,248.09	3/4	826.74	3/4	404.87	3/4		3/4					
6	2,929.47	6	2,506.93	6	2,084.38	6	1,661.85	6	1,239.28	6	817.98	6	396.07	6		6					
1 1/4	2,920.67	1 1/4	2,498.12	1 1/4	2,075.58	1 1/4	1,653.05	1 1/4	1,230.48	1 1/4	809.22	1 1/4	387.27	1 1/4		1 1/4					
1 1/2	2,911.87	1 1/2	2,489.32	1 1/2	2,066.77	1 1/2	1,644.24	1 1/2	1,221.68	1 1/2	800.45	1 1/2	378.46	1 1/2		1 1/2					
3/4	2,903.06	3/4	2,480.52	3/4	2,057.97	3/4	1,635.43	3/4	1,212.87	3/4	791.68	3/4	369.66	3/4		3/4					
7	2,894.26	7	2,471.71	7	2,049.16	7	1,626.62	7	1,204.07	7	782.91	7	360.85	7		7					
1 1/4	2,885.46	1 1/4	2,462.91	1 1/4	2,040.36	1 1/4	1,617.81	1 1/4	1,195.27	1 1/4	774.15	1 1/4	352.05	1 1/4		1 1/4					
1 1/2	2,876.65	1 1/2	2,454.10	1 1/2	2,031.56	1 1/2	1,609.01	1 1/2	1,186.46	1 1/2	765.38	1 1/2	343.25	1 1/2		1 1/2					
3/4	2,867.85	3/4	2,445.30	3/4	2,022.75	3/4	1,600.21	3/4	1,177.66	3/4	756.62	3/4	334.44	3/4		3/4					
8	2,859.05	8	2,436.50	8	2,013.95	8	1,591.40	8	1,168.85	8	747.86	8	325.64	8		8					
1 1/4	2,850.24	1 1/4	2,427.69	1 1/4	2,005.15	1 1/4	1,582.60	1 1/4	1,160.05	1 1/4	739.10	1 1/4	316.84	1 1/4		1 1/4					
1 1/2	2,841.44	1 1/2	2,418.89	1 1/2	1,996.34	1 1/2	1,573.79	1 1/2	1,151.25	1 1/2	730.34	1 1/2	308.03	1 1/2		1 1/2					
3/4	2,832.63	3/4	2,410.09	3/4	1,987.54	3/4	1,564.99	3/4	1,142.46	3/4	721.57	3/4	299.23	3/4		3/4					
9	2,823.83	9	2,401.28	9	1,978.74	9	1,556.19	9	1,133.66	9	712.81	9	290.43	9		9					
1 1/4	2,815.03	1 1/4	2,392.48	1 1/4	1,969.93	1 1/4	1,547.38	1 1/4	1,124.86	1 1/4	704.05	1 1/4	281.62	1 1/4		1 1/4					
1 1/2	2,806.22	1 1/2	2,383.68	1 1/2	1,961.13	1 1/2	1,538.58	1 1/2	1,116.06	1 1/2	695.28	1 1/2	272.85	1 1/2		1 1/2					
3/4	2,797.42	3/4	2,374.87	3/4	1,952.32	3/4	1,529.78	3/4	1,107.25	3/4	686.52	3/4	264.07	3/4		3/4					
10	2,788.62	10	2,366.07	10	1,943.52	10	1,520.97	10	1,098.45	10	677.75	10	255.30	10		10					
1 1/4	2,779.81	1 1/4	2,357.27	1 1/4	1,934.72	1 1/4	1,512.17	1 1/4	1,089.65	1 1/4	668.98	1 1/4	246.53	1 1/4		1 1/4					
1 1/2	2,771.01	1 1/2	2,348.46	1 1/2	1,925.91	1 1/2	1,503.37	1 1/2	1,080.88	1 1/2	660.18	1 1/2	237.75	1 1/2		1 1/2					
3/4	2,762.21	3/4	2,339.66	3/4	1,917.11	3/4	1,494.57	3/4	1,072.11	3/4	651.37	3/4	228.98	3/4		3/4					
11	2,753.40	11	2,330.85	11	1,908.31	11	1,485.78	11	1,063.34	11	642.57	11	220.21	11		11					
1 1/4	2,744.60	1 1/4	2,322.05	1 1/4	1,899.50	1 1/4	1,476.98	1 1/4	1,054.57	1 1/4	633.77	1 1/4	211.43	1 1/4		1 1/4					
1 1/2	2,735.80	1 1/2	2,313.25	1 1/2	1,890.71	1 1/2	1,468.18	1 1/2	1,045.81	1 1/2	624.96	1 1/2	202.66	1 1/2		1 1/2					
3/4	2,726.99	3/4	2,304.44	3/4	1,881.91	3/4	1,459.37	3/4	1,037.05	3/4	616.16	3/4	193.88	3/4		3/4					

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