



BARGE "KIRBY 24704"

ULLAGE TRIM TABLE

FORMERLY "HW 2525"

	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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-2/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-2/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 261'-06"

January 13, 2004

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

<http://www.pmacorp.net>



BARGE "KIRBY 24704"

1 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 2525"

GAUGE HEIGHT 16'-08 1/4"

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	2,253.06	0	1,916.36	0	1,679.67	0	1,442.98	0	1,206.29	0	969.60	0	732.91	0	496.22	0	259.53	0	22.84	0	0
1/4	2,246.04	1/4	1,909.35	1/4	1,572.68	1/4	1,235.99	1/4	899.27	1/4	662.58	1/4	425.89	1/4	189.20	1/4	52.51	1/4	16.12	1/4	0
1/2	2,239.03	1/2	1,902.34	1/2	1,565.65	1/2	1,228.95	1/2	892.26	1/2	655.51	1/2	418.62	1/2	181.87	1/2	50.17	1/2	14.72	1/2	0
3/4	2,232.01	3/4	1,895.32	3/4	1,558.33	3/4	1,221.94	3/4	885.25	3/4	648.18	3/4	411.28	3/4	174.42	3/4	48.72	3/4	13.27	3/4	0
1	2,225.00	1	1,888.31	1	1,551.02	1	1,214.92	1	878.12	1	640.72	1	403.82	1	166.96	1	47.22	1	11.82	1	0
1 1/4	2,217.98	1 1/4	1,881.29	1 1/4	1,544.00	1 1/4	1,207.91	1 1/4	871.22	1 1/4	633.22	1 1/4	396.32	1 1/4	160.46	1 1/4	45.72	1 1/4	10.37	1 1/4	0
1 1/2	2,210.97	1 1/2	1,874.28	1 1/2	1,537.59	1 1/2	1,200.90	1 1/2	864.21	1 1/2	625.72	1 1/2	388.82	1 1/2	153.96	1 1/2	44.22	1 1/2	8.92	1 1/2	0
1 3/4	2,203.95	1 3/4	1,867.26	1 3/4	1,530.57	1 3/4	1,193.88	1 3/4	857.19	1 3/4	617.22	1 3/4	381.32	1 3/4	147.50	1 3/4	42.72	1 3/4	7.47	1 3/4	0
2	2,196.94	2	1,860.25	2	1,523.56	2	1,188.87	2	850.18	2	609.72	2	373.82	2	140.94	2	41.22	2	6.02	2	0
1/4	2,189.92	1/4	1,853.23	1/4	1,516.54	1/4	1,183.76	1/4	843.16	1/4	602.22	1/4	366.32	1/4	134.42	1/4	39.72	1/4	4.57	1/4	0
1/2	2,182.91	1/2	1,846.22	1/2	1,509.53	1/2	1,178.64	1/2	836.15	1/2	594.72	1/2	358.82	1/2	127.92	1/2	38.22	1/2	3.12	1/2	0
3/4	2,175.90	3/4	1,839.20	3/4	1,502.51	3/4	1,173.52	3/4	829.13	3/4	587.22	3/4	351.32	3/4	121.42	3/4	36.72	3/4	1.67	3/4	0
1	2,168.88	1	1,832.19	1	1,495.50	1	1,168.41	1	822.12	1	579.72	1	343.82	1	114.92	1	35.22	1	0.22	1	0
1 1/4	2,161.87	1 1/4	1,825.17	1 1/4	1,488.48	1 1/4	1,163.29	1 1/4	815.10	1 1/4	572.22	1 1/4	336.32	1 1/4	108.42	1 1/4	33.72	1 1/4	0	1 1/4	0
1 1/2	2,154.86	1 1/2	1,818.16	1 1/2	1,481.47	1 1/2	1,158.17	1 1/2	808.09	1 1/2	564.72	1 1/2	328.82	1 1/2	101.92	1 1/2	32.22	1 1/2	0	1 1/2	0
1 3/4	2,147.84	1 3/4	1,811.15	1 3/4	1,474.46	1 3/4	1,153.05	1 3/4	801.07	1 3/4	557.22	1 3/4	321.32	1 3/4	95.42	1 3/4	30.72	1 3/4	0	1 3/4	0
2	2,140.83	2	1,804.13	2	1,467.44	2	1,147.94	2	794.06	2	549.72	2	313.82	2	88.92	2	29.22	2	0	2	0
1/4	2,133.81	1/4	1,797.12	1/4	1,460.43	1/4	1,142.82	1/4	787.04	1/4	542.22	1/4	306.32	1/4	82.42	1/4	27.72	1/4	0	1/4	0
1/2	2,126.80	1/2	1,790.11	1/2	1,453.42	1/2	1,137.71	1/2	780.03	1/2	534.72	1/2	298.82	1/2	75.92	1/2	26.22	1/2	0	1/2	0
3/4	2,119.78	3/4	1,783.09	3/4	1,446.40	3/4	1,132.60	3/4	773.02	3/4	527.22	3/4	291.32	3/4	69.42	3/4	24.72	3/4	0	3/4	0
1	2,112.77	1	1,776.08	1	1,439.39	1	1,127.49	1	766.01	1	519.72	1	283.82	1	62.92	1	23.22	1	0	1	0
1 1/4	2,105.75	1 1/4	1,769.06	1 1/4	1,432.37	1 1/4	1,122.38	1 1/4	759.00	1 1/4	512.22	1 1/4	276.32	1 1/4	56.42	1 1/4	21.72	1 1/4	0	1 1/4	0
1 1/2	2,098.74	1 1/2	1,762.05	1 1/2	1,425.36	1 1/2	1,117.27	1 1/2	751.98	1 1/2	504.72	1 1/2	268.82	1 1/2	50.92	1 1/2	20.22	1 1/2	0	1 1/2	0
1 3/4	2,091.72	1 3/4	1,755.03	1 3/4	1,418.34	1 3/4	1,112.16	1 3/4	744.96	1 3/4	497.22	1 3/4	261.32	1 3/4	44.42	1 3/4	18.72	1 3/4	0	1 3/4	0
2	2,084.71	2	1,748.02	2	1,411.33	2	1,107.05	2	737.95	2	489.72	2	253.82	2	37.92	2	17.22	2	0	2	0
1/4	2,077.69	1/4	1,741.00	1/4	1,404.31	1/4	1,101.94	1/4	730.93	1/4	482.22	1/4	246.32	1/4	31.42	1/4	15.72	1/4	0	1/4	0
1/2	2,070.68	1/2	1,733.99	1/2	1,397.30	1/2	1,096.83	1/2	723.92	1/2	474.72	1/2	238.82	1/2	24.92	1/2	14.22	1/2	0	1/2	0
3/4	2,063.66	3/4	1,726.97	3/4	1,390.28	3/4	1,091.72	3/4	716.90	3/4	467.22	3/4	231.32	3/4	18.42	3/4	12.72	3/4	0	3/4	0
1	2,056.65	1	1,719.96	1	1,383.27	1	1,086.61	1	709.89	1	459.72	1	223.82	1	11.92	1	11.22	1	0	1	0
1 1/4	2,049.63	1 1/4	1,712.94	1 1/4	1,376.25	1 1/4	1,081.50	1 1/4	702.87	1 1/4	452.22	1 1/4	216.32	1 1/4	5.42	1 1/4	9.72	1 1/4	0	1 1/4	0
1 1/2	2,042.62	1 1/2	1,705.93	1 1/2	1,369.24	1 1/2	1,076.39	1 1/2	695.86	1 1/2	444.72	1 1/2	208.82	1 1/2	0	1 1/2	8.22	1 1/2	0	1 1/2	0
1 3/4	2,035.61	1 3/4	1,698.92	1 3/4	1,362.22	1 3/4	1,071.28	1 3/4	688.84	1 3/4	437.22	1 3/4	201.32	1 3/4	0	1 3/4	6.72	1 3/4	0	1 3/4	0
2	2,028.59	2	1,691.90	2	1,355.21	2	1,066.17	2	681.83	2	429.72	2	193.82	2	0	2	5.22	2	0	2	0
1/4	2,021.58	1/4	1,684.89	1/4	1,348.19	1/4	1,061.06	1/4	674.81	1/4	422.22	1/4	186.32	1/4	0	1/4	3.72	1/4	0	1/4	0
1/2	2,014.57	1/2	1,677.88	1/2	1,341.18	1/2	1,055.95	1/2	667.80	1/2	414.72	1/2	178.82	1/2	0	1/2	2.22	1/2	0	1/2	0
3/4	2,007.55	3/4	1,670.86	3/4	1,334.17	3/4	1,050.84	3/4	660.79	3/4	407.22	3/4	171.32	3/4	0	3/4	0.72	3/4	0	3/4	0
1	2,000.54	1	1,663.85	1	1,327.15	1	1,045.73	1	653.78	1	400.72	1	163.82	1	0	1	0	1	0	1	0
1 1/4	1,993.52	1 1/4	1,656.83	1 1/4	1,320.14	1 1/4	1,040.62	1 1/4	646.77	1 1/4	393.22	1 1/4	156.32	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	1,986.51	1 1/2	1,649.82	1 1/2	1,313.13	1 1/2	1,035.51	1 1/2	639.76	1 1/2	385.72	1 1/2	148.82	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
1 3/4	1,979.49	1 3/4	1,642.80	1 3/4	1,306.11	1 3/4	1,030.40	1 3/4	632.75	1 3/4	378.22	1 3/4	141.32	1 3/4	0	1 3/4	0	1 3/4	0	1 3/4	0
2	1,972.48	2	1,635.79	2	1,299.10	2	1,025.29	2	625.74	2	370.72	2	133.82	2	0	2	0	2	0	2	0
1/4	1,965.46	1/4	1,628.77	1/4	1,292.08	1/4	1,020.18	1/4	618.73	1/4	363.22	1/4	126.32	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1,958.45	1/2	1,621.76	1/2	1,285.07	1/2	1,015.07	1/2	611.72	1/2	355.72	1/2	118.82	1/2	0	1/2	0	1/2	0	1/2	0
3/4	1,951.43	3/4	1,614.74	3/4	1,278.05	3/4	1,010.96	3/4	604.71	3/4	348.22	3/4	111.32	3/4	0	3/4	0	3/4	0	3/4	0
1	1,944.42	1	1,607.73	1	1,271.04	1	1,005.85	1	597.70	1	340.72	1	103.82	1	0	1	0	1	0	1	0
1 1/4	1,937.40	1 1/4	1,600.71	1 1/4	1,264.02	1 1/4	1,000.74	1 1/4	590.69	1 1/4	333.22	1 1/4	96.32	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	1,930.39	1 1/2	1,593.70	1 1/2	1,257.01	1 1/2	995.63	1 1/2	583.67	1 1/2	325.72	1 1/2	88.82	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
1 3/4	1,923.38	1 3/4	1,586.69	1 3/4	1,249.99	1 3/4	990.52	1 3/4	576.65	1 3/4	318.22	1 3/4	81.32	1 3/4	0	1 3/4	0	1 3/4	0	1 3/4	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 020031985 CTC
REPRINTED: 6/11/2004 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2004

PRECISION MEASUREMENT
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Signature



BARGE "KIRBY 24704"

1 STBD ULLAGE TABLE

FORMERLY "HOLLYWOOD 2525"

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	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D
0	1,919.84	0	1,582.46	0	1,245.07	0	907.68	0	570.48	0	233.51	0		0		0		0	
1/4	2,257.23	1/4	1,918.81	1/4	1,575.43	1/4	1,231.01	1/4	893.62	1/4	556.45	1/4	219.48	1/4		1/4		1/4	
1/2	2,453.17	1/2	1,905.78	1/2	1,568.40	1/2	1,223.98	1/2	886.59	1/2	549.44	1/2	212.47	1/2		1/2		1/2	
3/4	2,236.14	3/4	1,998.75	3/4	1,561.37	3/4	1,216.95	3/4	879.57	3/4	542.42	3/4	205.47	3/4		3/4		3/4	
1	2,229.11	1	1,891.73	1	1,554.34	1	1,216.95	1	879.57	1	542.42	1	205.47	1		1		1	
1 1/4	2,222.08	1 1/4	1,884.70	1 1/4	1,547.31	1 1/4	1,209.92	1 1/4	872.54	1 1/4	535.41	1 1/4	198.47	1 1/4		1 1/4		1 1/4	
1 1/2	2,215.05	1 1/2	1,877.67	1 1/2	1,540.28	1 1/2	1,202.89	1 1/2	865.51	1 1/2	528.39	1 1/2	191.48	1 1/2		1 1/2		1 1/2	
3/4	2,208.02	3/4	1,870.64	3/4	1,533.25	3/4	1,195.86	3/4	858.48	3/4	521.38	3/4	184.48	3/4		3/4		3/4	
2	2,201.00	2	1,863.61	2	1,526.22	2	1,188.84	2	851.45	2	514.36	2	177.49	2		2		2	
1 1/4	2,193.97	1 1/4	1,856.58	1 1/4	1,519.19	1 1/4	1,181.81	1 1/4	844.42	1 1/4	507.35	1 1/4	170.50	1 1/4		1 1/4		1 1/4	
1 1/2	2,186.94	1 1/2	1,849.55	1 1/2	1,512.16	1 1/2	1,174.78	1 1/2	837.39	1 1/2	500.33	1 1/2	163.50	1 1/2		1 1/2		1 1/2	
3/4	2,179.91	3/4	1,842.52	3/4	1,505.13	3/4	1,167.75	3/4	830.36	3/4	493.32	3/4	156.51	3/4		3/4		3/4	
3	2,172.88	3	1,835.50	3	1,498.11	3	1,160.72	3	823.33	3	486.30	3	149.51	3		3		3	
1 1/4	2,165.85	1 1/4	1,828.47	1 1/4	1,491.08	1 1/4	1,153.69	1 1/4	816.30	1 1/4	479.29	1 1/4	142.52	1 1/4		1 1/4		1 1/4	
1 1/2	2,158.82	1 1/2	1,821.44	1 1/2	1,484.06	1 1/2	1,146.66	1 1/2	809.27	1 1/2	472.27	1 1/2	135.53	1 1/2		1 1/2		1 1/2	
3/4	2,151.79	3/4	1,814.41	3/4	1,477.02	3/4	1,139.63	3/4	802.24	3/4	465.26	3/4	128.53	3/4		3/4		3/4	
4	2,144.77	4	1,807.38	4	1,469.99	4	1,132.61	4	795.22	4	458.24	4	121.54	4		4		4	
1 1/4	2,137.74	1 1/4	1,800.35	1 1/4	1,462.96	1 1/4	1,125.58	1 1/4	788.19	1 1/4	451.23	1 1/4	114.55	1 1/4		1 1/4		1 1/4	
1 1/2	2,130.71	1 1/2	1,793.32	1 1/2	1,455.93	1 1/2	1,118.55	1 1/2	781.16	1 1/2	444.22	1 1/2	107.86	1 1/2		1 1/2		1 1/2	
3/4	2,123.68	3/4	1,786.29	3/4	1,448.90	3/4	1,111.52	3/4	774.13	3/4	437.20	3/4	101.16	3/4		3/4		3/4	
5	2,116.65	5	1,779.27	5	1,441.88	5	1,104.49	5	767.10	5	430.19	5	94.47	5		5		5	
1 1/4	2,109.62	1 1/4	1,772.24	1 1/4	1,434.85	1 1/4	1,097.46	1 1/4	760.07	1 1/4	423.18	1 1/4	87.78	1 1/4		1 1/4		1 1/4	
1 1/2	2,102.59	1 1/2	1,765.21	1 1/2	1,427.82	1 1/2	1,090.43	1 1/2	753.04	1 1/2	416.16	1 1/2	81.39	1 1/2		1 1/2		1 1/2	
3/4	2,095.56	3/4	1,758.18	3/4	1,420.79	3/4	1,083.40	3/4	746.01	3/4	409.15	3/4	75.00	3/4		3/4		3/4	
6	2,088.54	6	1,751.15	6	1,413.76	6	1,076.38	6	738.98	6	402.13	6	68.62	6		6		6	
1 1/4	2,081.51	1 1/4	1,744.12	1 1/4	1,406.73	1 1/4	1,069.35	1 1/4	731.96	1 1/4	395.12	1 1/4	62.23	1 1/4		1 1/4		1 1/4	
1 1/2	2,074.48	1 1/2	1,737.09	1 1/2	1,399.70	1 1/2	1,062.32	1 1/2	724.93	1 1/2	388.10	1 1/2	56.17	1 1/2		1 1/2		1 1/2	
3/4	2,067.45	3/4	1,730.06	3/4	1,392.67	3/4	1,055.29	3/4	717.90	3/4	381.08	3/4	50.11	3/4		3/4		3/4	
7	2,060.42	7	1,723.03	7	1,385.65	7	1,048.26	7	710.87	7	374.07	7	44.06	7		7		7	
1 1/4	2,053.39	1 1/4	1,716.00	1 1/4	1,378.62	1 1/4	1,041.23	1 1/4	703.84	1 1/4	367.05	1 1/4	38.00	1 1/4		1 1/4		1 1/4	
1 1/2	2,046.36	1 1/2	1,708.97	1 1/2	1,371.59	1 1/2	1,034.20	1 1/2	696.81	1 1/2	360.02	1 1/2	33.17	1 1/2		1 1/2		1 1/2	
3/4	2,039.33	3/4	1,701.94	3/4	1,364.56	3/4	1,027.17	3/4	689.78	3/4	352.99	3/4	28.33	3/4		3/4		3/4	
8	2,032.31	8	1,694.92	8	1,357.53	8	1,020.14	8	682.76	8	345.97	8	23.50	8		8		8	
1 1/4	2,025.28	1 1/4	1,687.89	1 1/4	1,350.50	1 1/4	1,013.11	1 1/4	675.73	1 1/4	338.94	1 1/4	18.67	1 1/4		1 1/4		1 1/4	
1 1/2	2,018.25	1 1/2	1,680.86	1 1/2	1,343.47	1 1/2	1,006.08	1 1/2	668.71	1 1/2	331.91	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,011.22	3/4	1,673.83	3/4	1,336.44	3/4	999.05	3/4	661.68	3/4	324.88	3/4		3/4		3/4		3/4	
9	2,004.19	9	1,666.80	9	1,329.42	9	992.03	9	654.66	9	317.86	9		9		9		9	
1 1/4	1,997.16	1 1/4	1,659.77	1 1/4	1,322.39	1 1/4	985.00	1 1/4	647.64	1 1/4	310.83	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,990.13	1 1/2	1,652.74	1 1/2	1,315.36	1 1/2	977.97	1 1/2	640.62	1 1/2	303.80	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,983.10	3/4	1,645.71	3/4	1,308.33	3/4	970.94	3/4	633.61	3/4	296.77	3/4		3/4		3/4		3/4	
10	1,976.07	10	1,638.68	10	1,301.30	10	963.91	10	626.59	10	289.74	10		10		10		10	
1 1/4	1,969.04	1 1/4	1,631.66	1 1/4	1,294.27	1 1/4	956.88	1 1/4	619.58	1 1/4	282.71	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,962.01	1 1/2	1,624.63	1 1/2	1,287.24	1 1/2	949.85	1 1/2	612.56	1 1/2	275.68	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,954.98	3/4	1,617.60	3/4	1,280.21	3/4	942.82	3/4	605.55	3/4	268.65	3/4		3/4		3/4		3/4	
11	1,947.96	11	1,610.57	11	1,273.18	11	935.80	11	598.53	11	261.63	11		11		11		11	
1 1/4	1,940.93	1 1/4	1,603.54	1 1/4	1,266.15	1 1/4	928.77	1 1/4	591.62	1 1/4	254.60	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,933.90	1 1/2	1,596.51	1 1/2	1,259.12	1 1/2	921.74	1 1/2	584.51	1 1/2	247.57	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,926.87	3/4	1,589.48	3/4	1,252.09	3/4	914.71	3/4	577.49	3/4	240.54	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pasadena, Texas 77868
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STRAPPED: 0203/1995 CTC
REPRINTED: 0413/2004 BW
CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2004



BARGE "KIRBY 24704"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-08 1/8"

FORMERLY "HOLLYWOOD 2525"

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.		
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	
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	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	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	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	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 1/4	1 1/4	1 1/4	1 1/4
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	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 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	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	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 1/4	2 1/4	2 1/4	2 1/4
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	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 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	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	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 1/4	3 1/4	3 1/4	3 1/4
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 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	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	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 1/4	4 1/4	4 1/4	4 1/4
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	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 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	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 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 1/4	5 1/4	5 1/4	5 1/4
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	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 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	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	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 1/4	6 1/4	6 1/4	6 1/4
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	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 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	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	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 1/4	7 1/4	7 1/4	7 1/4
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	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 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	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	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 1/4	8 1/4	8 1/4	8 1/4
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	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 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	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	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 1/4	9 1/4	9 1/4	9 1/4
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	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 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	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	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 1/4	10 1/4	10 1/4	10 1/4
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	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 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	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	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 1/4	11 1/4	11 1/4	11 1/4
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	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 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2022
Pearland, Texas 77588
<http://www.pmacorp.net>

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPIMS 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 10'-08" OFF CENTERLINE AND 43'-08" FORWARD OF AFT BULKHEAD.



BARGE "KIRBY 24704"

2 PORT ULLAGE TABLE

FORMERLY "HOLLYWOOD 2525"
CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS
GAUGE HEIGHT 16'-08 1/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,239.29	0	1,904.13	0	1,568.98	0	1,233.82	0	898.67	0	563.56	0	228.48	0	0	0	0	0	0
1/4	2,232.31	1/4	1,897.15	1/4	1,561.98	1/4	1,226.84	1/4	891.69	1/4	556.56	1/4	221.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,225.33	1/2	1,890.17	1/2	1,555.01	1/2	1,219.86	1/2	884.71	1/2	549.60	1/2	214.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,218.34	3/4	1,883.18	3/4	1,548.03	3/4	1,212.87	3/4	877.72	3/4	542.61	3/4	207.59	3/4	3/4	3/4	3/4	3/4	3/4
1	2,211.36	1	1,876.20	1	1,541.05	1	1,205.89	1	870.74	1	535.63	1	200.63	1	1	1	1	1	1
1 1/4	2,204.38	1 1/4	1,869.22	1 1/4	1,534.07	1 1/4	1,198.91	1 1/4	863.76	1 1/4	528.65	1 1/4	193.68	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,197.40	1 1/2	1,862.24	1 1/2	1,527.09	1 1/2	1,191.93	1 1/2	856.78	1 1/2	521.67	1 1/2	186.73	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,190.41	3/4	1,855.25	3/4	1,520.10	3/4	1,184.94	3/4	849.79	3/4	514.69	3/4	179.79	3/4	3/4	3/4	3/4	3/4	3/4
2	2,183.43	2	1,848.27	2	1,513.12	2	1,177.96	2	842.81	2	507.71	2	172.84	2	2	2	2	2	2
1 1/4	2,176.45	1 1/4	1,841.29	1 1/4	1,506.14	1 1/4	1,170.98	1 1/4	835.83	1 1/4	500.73	1 1/4	165.89	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,169.47	1 1/2	1,834.31	1 1/2	1,499.16	1 1/2	1,164.00	1 1/2	828.85	1 1/2	493.75	1 1/2	158.95	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,162.48	3/4	1,827.32	3/4	1,492.17	3/4	1,157.01	3/4	821.86	3/4	486.77	3/4	152.00	3/4	3/4	3/4	3/4	3/4	3/4
3	2,155.50	3	1,820.34	3	1,485.19	3	1,150.03	3	814.88	3	479.79	3	145.05	3	3	3	3	3	3
1 1/4	2,148.52	1 1/4	1,813.36	1 1/4	1,478.21	1 1/4	1,143.05	1 1/4	807.90	1 1/4	472.81	1 1/4	138.10	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,141.54	1 1/2	1,806.38	1 1/2	1,471.23	1 1/2	1,136.07	1 1/2	800.92	1 1/2	465.83	1 1/2	131.16	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,134.56	3/4	1,799.39	3/4	1,464.24	3/4	1,129.08	3/4	793.93	3/4	458.85	3/4	124.21	3/4	3/4	3/4	3/4	3/4	3/4
4	2,127.57	4	1,792.41	4	1,457.26	4	1,122.10	4	786.95	4	451.87	4	117.32	4	4	4	4	4	4
1 1/4	2,120.59	1 1/4	1,785.43	1 1/4	1,450.28	1 1/4	1,115.12	1 1/4	779.97	1 1/4	444.89	1 1/4	110.54	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,113.61	1 1/2	1,778.45	1 1/2	1,443.30	1 1/2	1,108.14	1 1/2	772.99	1 1/2	437.91	1 1/2	103.82	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,106.62	3/4	1,771.46	3/4	1,436.31	3/4	1,101.15	3/4	765.00	3/4	430.93	3/4	97.09	3/4	3/4	3/4	3/4	3/4	3/4
5	2,099.64	5	1,764.48	5	1,429.33	5	1,094.17	5	758.02	5	423.95	5	90.46	5	5	5	5	5	5
1 1/4	2,092.66	1 1/4	1,757.50	1 1/4	1,422.35	1 1/4	1,087.19	1 1/4	752.04	1 1/4	416.97	1 1/4	84.02	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,085.68	1 1/2	1,750.52	1 1/2	1,415.37	1 1/2	1,080.21	1 1/2	745.06	1 1/2	410.00	1 1/2	77.68	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,078.69	3/4	1,743.53	3/4	1,408.38	3/4	1,073.22	3/4	738.07	3/4	403.02	3/4	71.33	3/4	3/4	3/4	3/4	3/4	3/4
6	2,071.71	6	1,736.55	6	1,401.40	6	1,066.24	6	731.09	6	396.04	6	65.06	6	6	6	6	6	6
1 1/4	2,064.72	1 1/4	1,729.57	1 1/4	1,394.42	1 1/4	1,059.26	1 1/4	724.11	1 1/4	389.06	1 1/4	58.94	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,057.74	1 1/2	1,722.59	1 1/2	1,387.44	1 1/2	1,052.28	1 1/2	717.13	1 1/2	382.08	1 1/2	52.90	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,050.75	3/4	1,715.60	3/4	1,380.45	3/4	1,045.29	3/4	710.14	3/4	375.10	3/4	46.85	3/4	3/4	3/4	3/4	3/4	3/4
7	2,043.76	7	1,708.62	7	1,373.47	7	1,038.31	7	703.16	7	368.12	7	41.08	7	7	7	7	7	7
1 1/4	2,036.78	1 1/4	1,701.64	1 1/4	1,366.49	1 1/4	1,031.33	1 1/4	696.18	1 1/4	361.14	1 1/4	35.06	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,029.81	1 1/2	1,694.66	1 1/2	1,359.51	1 1/2	1,024.35	1 1/2	689.20	1 1/2	354.16	1 1/2	30.91	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,022.83	3/4	1,687.67	3/4	1,352.52	3/4	1,017.36	3/4	682.21	3/4	347.17	3/4	25.97	3/4	3/4	3/4	3/4	3/4	3/4
8	2,015.85	8	1,680.69	8	1,345.54	8	1,010.38	8	675.23	8	340.19	8	21.02	8	8	8	8	8	8
1 1/4	2,008.87	1 1/4	1,673.71	1 1/4	1,338.56	1 1/4	1,003.40	1 1/4	668.25	1 1/4	333.21	1 1/4	18.55	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,001.89	1 1/2	1,666.73	1 1/2	1,331.58	1 1/2	996.42	1 1/2	661.27	1 1/2	326.23	1 1/2	12	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,994.90	3/4	1,659.75	3/4	1,324.59	3/4	989.43	3/4	654.28	3/4	319.24	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4
9	1,987.92	9	1,652.77	9	1,317.61	9	982.45	9	647.30	9	312.26	9	9	9	9	9	9	9	9
1 1/4	1,980.94	1 1/4	1,645.79	1 1/4	1,310.63	1 1/4	975.47	1 1/4	640.32	1 1/4	305.28	1 1/4	3	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,973.96	1 1/2	1,638.81	1 1/2	1,303.65	1 1/2	968.49	1 1/2	633.34	1 1/2	298.30	1 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,966.97	3/4	1,631.82	3/4	1,296.66	3/4	961.51	3/4	626.36	3/4	291.31	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,959.99	10	1,624.84	10	1,289.68	10	954.53	10	619.38	10	284.33	10	10	10	10	10	10	10	10
1 1/4	1,953.01	1 1/4	1,617.86	1 1/4	1,282.70	1 1/4	947.55	1 1/4	612.40	1 1/4	277.35	1 1/4	1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,946.03	1 1/2	1,610.88	1 1/2	1,275.72	1 1/2	940.57	1 1/2	605.42	1 1/2	270.37	1 1/2	1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,939.04	3/4	1,603.89	3/4	1,268.73	3/4	933.58	3/4	598.44	3/4	263.38	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,932.06	11	1,596.91	11	1,261.75	11	926.60	11	591.46	11	256.40	11	11	11	11	11	11	11	11
1 1/4	1,925.08	1 1/4	1,589.92	1 1/4	1,254.77	1 1/4	919.62	1 1/4	584.49	1 1/4	249.42	1 1/4	1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,918.10	1 1/2	1,582.94	1 1/2	1,247.79	1 1/2	912.64	1 1/2	577.51	1 1/2	242.44	1 1/2	1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,911.11	3/4	1,576.95	3/4	1,240.80	3/4	905.65	3/4	570.54	3/4	235.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004

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& ANALYSIS, INC.
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Pearland, Texas 77588
http://www.pmacorp.net



BARGE "KIRBY 24704"

2 STBD ULLAGE TABLE

FORMERLY "HOLLYWOOD 2525"

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	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	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	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 1/4	1 1/4	1 1/4
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	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	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	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 1/4	2 1/4	2 1/4
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	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	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	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 1/4	3 1/4	3 1/4
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 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	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	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 1/4	4 1/4	4 1/4
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	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	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 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 1/4	5 1/4	5 1/4
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	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	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	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 1/4	6 1/4	6 1/4
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	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	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	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 1/4	7 1/4	7 1/4
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	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	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	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 1/4	8 1/4	8 1/4
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	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	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	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 1/4	9 1/4	9 1/4
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	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	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	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 1/4	10 1/4	10 1/4
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	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	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	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 1/4	11 1/4	11 1/4
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	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.
 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 "THERMATIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-40" OFF CENTERLINE AND 44'-50" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.
 P.O. Box 2024
 Pearland, Texas 77586
<http://www.pmacorp.net>



BARGE "KIRBY 24704"

3 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-08 1/4"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		FORMERLY "HOLLYWOOD 2525"		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	0	0	0	0
1/4	1/4	3,754.31	3,512.89	3,270.33	3,028.04	2,764.61	2,522.73	2,280.85	2,038.97
1/2	1/2	3,749.44	3,507.84	3,265.27	3,023.01	2,758.00	2,516.12	2,274.24	2,032.36
3/4	3/4	3,744.41	3,502.79	3,260.22	3,017.98	2,751.39	2,509.51	2,267.63	2,025.75
1	1	3,739.38	3,497.74	3,255.17	3,012.96	2,746.78	2,504.90	2,263.02	2,021.14
1 1/4	1 1/4	3,734.35	3,492.68	3,250.11	3,007.93	2,741.71	2,500.03	2,259.15	2,016.27
1 1/2	1 1/2	3,729.32	3,487.63	3,245.06	3,002.90	2,736.66	2,495.08	2,254.10	2,011.24
1 3/4	1 3/4	3,724.29	3,482.58	3,240.01	2,997.85	2,731.61	2,490.03	2,249.05	2,006.31
2	2	3,719.26	3,477.52	3,234.95	2,992.80	2,726.56	2,485.08	2,244.00	2,001.28
2 1/4	2 1/4	3,714.23	3,472.47	3,229.90	2,987.75	2,721.51	2,480.03	2,239.05	1,996.35
2 1/2	2 1/2	3,709.20	3,467.41	3,224.84	2,982.70	2,716.46	2,475.08	2,234.00	1,991.42
2 3/4	2 3/4	3,704.17	3,462.36	3,219.79	2,977.65	2,711.41	2,470.03	2,229.05	1,986.49
3	3	3,699.14	3,457.31	3,214.74	2,972.60	2,706.36	2,465.08	2,224.00	1,981.56
3 1/4	3 1/4	3,694.11	3,452.25	3,209.68	2,967.55	2,701.31	2,460.03	2,219.05	1,976.63
3 1/2	3 1/2	3,689.08	3,447.20	3,204.63	2,962.49	2,696.26	2,455.08	2,214.00	1,971.70
3 3/4	3 3/4	3,684.05	3,442.15	3,199.58	2,957.44	2,691.21	2,450.03	2,209.05	1,966.77
4	4	3,679.02	3,437.09	3,194.53	2,952.38	2,686.16	2,445.08	2,204.00	1,961.84
4 1/4	4 1/4	3,673.99	3,432.04	3,189.47	2,947.33	2,681.11	2,440.03	2,199.05	1,956.91
4 1/2	4 1/2	3,668.96	3,426.98	3,184.42	2,942.27	2,676.06	2,435.08	2,194.00	1,951.98
4 3/4	4 3/4	3,663.93	3,421.93	3,179.37	2,937.22	2,671.01	2,430.03	2,189.05	1,947.05
5	5	3,658.90	3,416.88	3,174.31	2,932.17	2,665.96	2,425.08	2,184.00	1,942.12
5 1/4	5 1/4	3,653.87	3,411.82	3,169.26	2,927.11	2,660.91	2,420.03	2,179.05	1,937.19
5 1/2	5 1/2	3,648.84	3,406.77	3,164.20	2,922.06	2,655.86	2,415.08	2,174.00	1,932.26
5 3/4	5 3/4	3,643.81	3,401.72	3,159.15	2,917.01	2,650.81	2,410.03	2,169.05	1,927.33
6	6	3,638.78	3,396.67	3,154.10	2,911.95	2,645.76	2,405.08	2,164.00	1,922.40
6 1/4	6 1/4	3,633.75	3,391.61	3,149.04	2,906.90	2,640.71	2,400.03	2,159.05	1,917.47
6 1/2	6 1/2	3,628.72	3,386.56	3,143.99	2,901.84	2,635.66	2,395.08	2,154.00	1,912.54
6 3/4	6 3/4	3,623.69	3,381.51	3,138.94	2,896.79	2,630.61	2,390.03	2,149.05	1,907.61
7	7	3,618.66	3,376.45	3,133.88	2,891.73	2,625.56	2,385.08	2,144.00	1,902.68
7 1/4	7 1/4	3,613.63	3,371.40	3,128.83	2,886.68	2,620.51	2,380.03	2,139.05	1,897.75
7 1/2	7 1/2	3,608.60	3,366.34	3,123.77	2,881.62	2,615.46	2,375.08	2,134.00	1,892.82
7 3/4	7 3/4	3,603.57	3,361.29	3,118.72	2,876.57	2,610.41	2,370.03	2,129.05	1,887.89
8	8	3,598.53	3,356.24	3,113.67	2,871.52	2,605.36	2,365.08	2,124.00	1,882.96
8 1/4	8 1/4	3,593.50	3,351.18	3,108.61	2,866.46	2,600.31	2,360.03	2,119.05	1,878.03
8 1/2	8 1/2	3,588.46	3,346.13	3,103.56	2,861.41	2,595.26	2,355.08	2,114.00	1,873.10
8 3/4	8 3/4	3,583.43	3,341.08	3,098.51	2,856.39	2,590.21	2,350.03	2,109.05	1,868.17
9	9	3,578.41	3,336.02	3,093.46	2,851.34	2,585.16	2,345.08	2,104.00	1,863.24
9 1/4	9 1/4	3,573.38	3,330.97	3,088.40	2,846.29	2,580.11	2,340.03	2,099.05	1,858.31
9 1/2	9 1/2	3,568.35	3,325.91	3,083.35	2,841.24	2,575.06	2,335.08	2,094.00	1,853.38
9 3/4	9 3/4	3,563.32	3,320.86	3,078.30	2,836.19	2,570.01	2,330.03	2,089.05	1,848.45
10	10	3,558.29	3,315.81	3,073.25	2,831.14	2,564.96	2,325.08	2,084.00	1,843.52
10 1/4	10 1/4	3,553.26	3,310.75	3,068.20	2,826.09	2,559.91	2,320.03	2,079.05	1,838.59
10 1/2	10 1/2	3,548.23	3,305.70	3,063.15	2,821.04	2,554.86	2,315.08	2,074.00	1,833.66
10 3/4	10 3/4	3,543.18	3,300.65	3,058.10	2,815.99	2,549.81	2,310.03	2,069.05	1,828.73
11	11	3,538.14	3,295.60	3,053.05	2,810.94	2,544.76	2,305.08	2,064.00	1,823.80
11 1/4	11 1/4	3,533.09	3,290.54	3,048.00	2,805.89	2,539.71	2,300.03	2,059.05	1,818.87
11 1/2	11 1/2	3,528.05	3,285.49	3,042.95	2,800.84	2,534.66	2,295.08	2,054.00	1,813.94
11 3/4	11 3/4	3,523.00	3,280.44	3,037.90	2,795.79	2,529.61	2,290.03	2,049.05	1,809.01
12	12	3,517.94	3,275.38	3,032.85	2,790.74	2,524.56	2,285.08	2,044.00	1,804.08
12 1/4	12 1/4	3,512.89	3,270.33	3,027.80	2,785.69	2,519.51	2,280.03	2,039.05	1,799.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.
 P.O. Box 2022
 Pearland, Texas 77666
<https://www.pmacorp.net>

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 10'-08" OFF CENTERLINE AND 40'-04" FORWARD OF AFT BULKHEAD.



3 STBD ULLAGE TABLE

BARGE "KIRBY 24704"

FORMERLY "HOLLYWOOD 2525" GAUGE HEIGHT 16'-08 1/8"

Table with columns for capacities (0 FT. to 9 FT.) and rows for ullage measurements (0 to 34). Includes sub-headers for 'CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS' and 'CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY'.

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

Handwritten signature

3 STBD ULLAGE TABLE



BARGE "KIRBY 24704"
FORMERLY "HOLLYWOOD 2525"
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	1,807.52	0	1,489.78	0	1,171.54	0	852.85	0	534.77	0	217.28	0	0	0	0	0	0	0	0
1/4	1,800.88	1/4	1,483.22	1/4	1,164.90	1/4	846.21	1/4	528.17	1/4	210.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.25	1/2	1,476.66	1/2	1,158.26	1/2	839.58	1/2	521.57	1/2	204.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,787.61	3/4	1,470.10	3/4	1,151.62	3/4	832.94	3/4	514.97	3/4	197.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,780.97	1	1,463.53	1	1,144.98	1	826.30	1	508.37	1	190.79	1	1	1	1	1	1	1	1
1/4	1,774.34	1/4	1,456.89	1/4	1,138.34	1/4	819.66	1/4	501.77	1/4	184.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.70	1/2	1,450.25	1/2	1,131.71	1/2	813.02	1/2	495.17	1/2	177.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,761.07	3/4	1,443.61	3/4	1,125.07	3/4	806.38	3/4	488.57	3/4	170.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,754.43	1	1,437.00	1	1,118.43	1	799.74	1	481.97	1	164.37	1	1	1	1	1	1	1	1
1/4	1,747.80	1/4	1,430.46	1/4	1,111.79	1/4	793.10	1/4	475.37	1/4	157.76	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,741.16	1/2	1,423.83	1/2	1,105.15	1/2	786.46	1/2	468.77	1/2	151.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,734.53	3/4	1,417.19	3/4	1,098.51	3/4	779.82	3/4	462.17	3/4	144.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,727.89	1	1,410.54	1	1,091.87	1	773.18	1	455.57	1	137.94	1	1	1	1	1	1	1	1
1/4	1,721.26	1/4	1,403.89	1/4	1,085.23	1/4	766.54	1/4	448.97	1/4	131.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,714.62	1/2	1,397.22	1/2	1,078.59	1/2	759.90	1/2	442.37	1/2	124.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,707.99	3/4	1,390.56	3/4	1,071.95	3/4	753.26	3/4	435.77	3/4	118.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,701.35	1	1,383.90	1	1,065.31	1	746.62	1	429.17	1	111.56	1	1	1	1	1	1	1	1
1/4	1,694.72	1/4	1,377.28	1/4	1,058.67	1/4	739.98	1/4	422.57	1/4	105.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,688.08	1/2	1,370.66	1/2	1,052.04	1/2	733.35	1/2	415.97	1/2	98.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,681.45	3/4	1,364.05	3/4	1,045.40	3/4	726.71	3/4	409.37	3/4	92.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,674.81	1	1,357.42	1	1,038.76	1	720.07	1	402.77	1	86.04	1	1	1	1	1	1	1	1
1/4	1,668.18	1/4	1,350.79	1/4	1,032.12	1/4	713.43	1/4	396.17	1/4	79.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,661.54	1/2	1,344.16	1/2	1,025.48	1/2	706.79	1/2	389.57	1/2	73.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,654.91	3/4	1,337.52	3/4	1,018.84	3/4	700.15	3/4	382.97	3/4	67.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,648.27	1	1,330.88	1	1,012.20	1	693.51	1	376.37	1	61.88	1	1	1	1	1	1	1	1
1/4	1,641.63	1/4	1,324.24	1/4	1,005.56	1/4	686.87	1/4	369.77	1/4	56.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,635.00	1/2	1,317.60	1/2	998.92	1/2	680.23	1/2	363.17	1/2	50.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.36	3/4	1,310.96	3/4	992.28	3/4	673.59	3/4	356.56	3/4	44.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,621.72	1	1,304.32	1	985.64	1	666.95	1	349.96	1	39.07	1	1	1	1	1	1	1	1
1/4	1,615.09	1/4	1,297.68	1/4	979.00	1/4	660.32	1/4	343.35	1/4	34.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,608.46	1/2	1,291.04	1/2	972.37	1/2	653.68	1/2	336.74	1/2	29.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,601.82	3/4	1,284.40	3/4	965.73	3/4	647.05	3/4	330.12	3/4	24.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,595.18	1	1,277.76	1	959.09	1	640.42	1	323.50	1	20.01	1	1	1	1	1	1	1	1
1/4	1,588.54	1/4	1,271.12	1/4	952.45	1/4	633.80	1/4	316.87	1/4	17.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,581.91	1/2	1,264.49	1/2	945.81	1/2	627.19	1/2	310.23	1/2	15.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,575.27	3/4	1,257.85	3/4	939.17	3/4	620.58	3/4	303.59	3/4	12.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,568.64	1	1,251.21	1	932.53	1	613.97	1	296.95	1	10.31	1	1	1	1	1	1	1	1
1/4	1,562.00	1/4	1,244.57	1/4	925.89	1/4	607.37	1/4	290.31	1/4	8.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,555.45	1/2	1,237.93	1/2	919.25	1/2	600.77	1/2	283.67	1/2	7.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,548.86	3/4	1,231.29	3/4	912.61	3/4	594.17	3/4	277.03	3/4	6.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,542.28	1	1,224.65	1	905.97	1	588.57	1	270.39	1	5.52	1	1	1	1	1	1	1	1
1/4	1,535.67	1/4	1,218.01	1/4	899.33	1/4	580.97	1/4	263.75	1/4	4.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,529.15	1/2	1,211.37	1/2	892.69	1/2	574.37	1/2	257.11	1/2	4.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,522.59	3/4	1,204.73	3/4	886.05	3/4	567.77	3/4	250.47	3/4	3.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,516.03	1	1,198.09	1	879.41	1	561.17	1	243.83	1	3.23	1	1	1	1	1	1	1	1
1/4	1,509.47	1/4	1,191.45	1/4	872.77	1/4	554.57	1/4	237.19	1/4	2.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,502.91	1/2	1,184.82	1/2	866.13	1/2	547.97	1/2	230.55	1/2	2.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,496.34	3/4	1,178.18	3/4	858.49	3/4	541.37	3/4	223.91	3/4	1.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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