



BARGE "KIRBY 29057"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

August 3, 2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29057"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		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	
1/2		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	
1		1		1		1		1		1		1		1		1		1	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		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	
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		5		5		5		5		5	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
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	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 29057"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,965.84	0	1,634.23	0	1,302.62	0	971.50	0	656.06	0	363.71	0	94.98	0		0		0	
1/4	1,958.93	1/4	1,627.32	1/4	1,295.71	1/4	964.67	1/4	649.72	1/4	357.87	1/4	89.63	1/4	1/4	1/4		1/4	
1/2	1,952.03	1/2	1,620.41	1/2	1,288.80	1/2	957.85	1/2	643.38	1/2	352.02	1/2	84.27	1/2	1/2	1/2		1/2	
3/4	1,945.12	3/4	1,613.50	3/4	1,281.89	3/4	951.08	3/4	637.09	3/4	346.22	3/4	78.97	3/4	3/4	3/4		3/4	
1	1,938.21	1	1,606.60	1	1,274.98	1	944.31	1	630.79	1	340.42	1	73.66	1	1	1		1	
1/4	1,931.30	1/4	1,599.69	1/4	1,268.07	1/4	937.53	1/4	624.50	1/4	334.62	1/4	68.35	1/4	1/4	1/4		1/4	
1/2	1,924.39	1/2	1,592.78	1/2	1,261.17	1/2	930.76	1/2	618.20	1/2	328.81	1/2	63.05	1/2	1/2	1/2		1/2	
3/4	1,917.48	3/4	1,585.87	3/4	1,254.26	3/4	924.03	3/4	611.95	3/4	323.05	3/4	57.78	3/4	3/4	3/4		3/4	
2	1,910.57	2	1,578.96	2	1,247.35	2	917.30	2	605.69	2	317.29	2	52.51	2	2	2		2	
1/4	1,903.67	1/4	1,572.05	1/4	1,240.44	1/4	910.57	1/4	599.44	1/4	311.52	1/4	47.24	1/4	1/4	1/4		1/4	
1/2	1,896.76	1/2	1,565.14	1/2	1,233.53	1/2	903.84	1/2	593.18	1/2	305.76	1/2	41.97	1/2	1/2	1/2		1/2	
3/4	1,889.85	3/4	1,558.24	3/4	1,226.62	3/4	897.15	3/4	586.97	3/4	300.04	3/4	37.61	3/4	3/4	3/4		3/4	
3	1,882.94	3	1,551.33	3	1,219.71	3	890.46	3	580.76	3	294.32	3	33.25	3	3	3		3	
1/4	1,876.03	1/4	1,544.42	1/4	1,212.81	1/4	883.77	1/4	574.55	1/4	288.60	1/4	28.88	1/4	1/4	1/4		1/4	
1/2	1,869.12	1/2	1,537.51	1/2	1,205.90	1/2	877.08	1/2	568.33	1/2	282.88	1/2	24.52	1/2	1/2	1/2		1/2	
3/4	1,862.21	3/4	1,530.60	3/4	1,198.99	3/4	870.44	3/4	562.16	3/4	277.20	3/4	21.93	3/4	3/4	3/4		3/4	
4	1,855.31	4	1,523.69	4	1,192.08	4	863.79	4	555.99	4	271.51	4	19.33	4	4	4		4	
1/4	1,848.40	1/4	1,516.78	1/4	1,185.17	1/4	857.14	1/4	549.81	1/4	265.83	1/4	16.74	1/4	1/4	1/4		1/4	
1/2	1,841.49	1/2	1,509.88	1/2	1,178.26	1/2	850.49	1/2	543.64	1/2	260.15	1/2	14.14	1/2	1/2	1/2		1/2	
3/4	1,834.58	3/4	1,502.97	3/4	1,171.35	3/4	843.88	3/4	537.51	3/4	254.51	3/4		3/4	3/4	3/4		3/4	
5	1,827.67	5	1,496.06	5	1,164.45	5	837.27	5	531.38	5	248.87	5		5	5	5		5	
1/4	1,820.76	1/4	1,489.15	1/4	1,157.54	1/4	830.67	1/4	525.25	1/4	243.23	1/4		1/4	1/4	1/4		1/4	
1/2	1,813.85	1/2	1,482.24	1/2	1,150.63	1/2	824.06	1/2	519.12	1/2	237.60	1/2		1/2	1/2	1/2		1/2	
3/4	1,806.95	3/4	1,475.33	3/4	1,143.72	3/4	817.49	3/4	513.03	3/4	232.00	3/4		3/4	3/4	3/4		3/4	
6	1,800.04	6	1,468.42	6	1,136.81	6	810.93	6	506.93	6	226.40	6		6	6	6		6	
1/4	1,793.13	1/4	1,461.52	1/4	1,129.90	1/4	804.36	1/4	500.84	1/4	220.79	1/4		1/4	1/4	1/4		1/4	
1/2	1,786.22	1/2	1,454.61	1/2	1,122.99	1/2	797.79	1/2	494.75	1/2	215.19	1/2		1/2	1/2	1/2		1/2	
3/4	1,779.31	3/4	1,447.70	3/4	1,116.09	3/4	791.27	3/4	488.70	3/4	209.64	3/4		3/4	3/4	3/4		3/4	
7	1,772.40	7	1,440.79	7	1,109.18	7	784.74	7	482.66	7	204.08	7		7	7	7		7	
1/4	1,765.49	1/4	1,433.88	1/4	1,102.27	1/4	778.22	1/4	476.61	1/4	198.53	1/4		1/4	1/4	1/4		1/4	
1/2	1,758.58	1/2	1,426.97	1/2	1,095.36	1/2	771.69	1/2	470.56	1/2	192.97	1/2		1/2	1/2	1/2		1/2	
3/4	1,751.68	3/4	1,420.06	3/4	1,088.45	3/4	765.21	3/4	464.55	3/4	187.45	3/4		3/4	3/4	3/4		3/4	
8	1,744.77	8	1,413.15	8	1,081.54	8	758.72	8	458.54	8	181.93	8		8	8	8		8	
1/4	1,737.86	1/4	1,406.25	1/4	1,074.64	1/4	752.24	1/4	452.53	1/4	176.41	1/4		1/4	1/4	1/4		1/4	
1/2	1,730.95	1/2	1,399.34	1/2	1,067.73	1/2	745.75	1/2	446.52	1/2	170.89	1/2		1/2	1/2	1/2		1/2	
3/4	1,724.04	3/4	1,392.43	3/4	1,060.83	3/4	739.29	3/4	440.55	3/4	165.42	3/4		3/4	3/4	3/4		3/4	
9	1,717.13	9	1,385.52	9	1,053.93	9	732.83	9	434.59	9	159.95	9		9	9	9		9	
1/4	1,710.22	1/4	1,378.61	1/4	1,047.03	1/4	726.37	1/4	428.62	1/4	154.47	1/4		1/4	1/4	1/4		1/4	
1/2	1,703.32	1/2	1,371.70	1/2	1,040.13	1/2	719.92	1/2	422.65	1/2	149.00	1/2		1/2	1/2	1/2		1/2	
3/4	1,696.41	3/4	1,364.79	3/4	1,033.25	3/4	713.50	3/4	416.73	3/4	143.56	3/4		3/4	3/4	3/4		3/4	
10	1,689.50	10	1,357.89	10	1,026.36	10	707.08	10	410.80	10	138.12	10		10	10	10		10	
1/4	1,682.59	1/4	1,350.98	1/4	1,019.48	1/4	700.66	1/4	404.87	1/4	132.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,675.68	1/2	1,344.07	1/2	1,012.60	1/2	694.24	1/2	398.94	1/2	127.25	1/2		1/2	1/2	1/2		1/2	
3/4	1,668.77	3/4	1,337.16	3/4	1,005.74	3/4	687.86	3/4	393.06	3/4	121.86	3/4		3/4	3/4	3/4		3/4	
11	1,661.86	11	1,330.25	11	998.88	11	681.49	11	387.18	11	116.47	11		11	11	11		11	
1/4	1,654.96	1/4	1,323.34	1/4	992.02	1/4	675.11	1/4	381.29	1/4	111.08	1/4		1/4	1/4	1/4		1/4	
1/2	1,648.05	1/2	1,316.43	1/2	985.16	1/2	668.73	1/2	375.41	1/2	105.69	1/2		1/2	1/2	1/2		1/2	
3/4	1,641.14	3/4	1,309.53	3/4	978.33	3/4	662.40	3/4	369.56	3/4	100.33	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2013 CL - SW
CALCULATED: 06/05/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29057"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29057"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,971.74	0	1,640.00	0	1,308.26	0	977.09	0	662.64	0	369.70	0	100.37	0		0		0	
1/4	1,964.83	1/4	1,633.09	1/4	1,301.35	1/4	970.29	1/4	656.30	1/4	363.85	1/4	95.01	1/4	1/4	1/4		1/4	1/4
1/2	1,957.92	1/2	1,626.18	1/2	1,294.44	1/2	963.50	1/2	649.96	1/2	358.00	1/2	89.66	1/2	1/2	1/2		1/2	1/2
3/4	1,951.01	3/4	1,619.27	3/4	1,287.53	3/4	956.71	3/4	643.62	3/4	352.15	3/4	84.31	3/4	3/4	3/4		3/4	3/4
1	1,944.10	1	1,612.36	1	1,280.61	1	949.97	1	637.33	1	346.35	1	79.00	1	1	1		1	1
1/4	1,937.19	1/4	1,605.44	1/4	1,273.70	1/4	943.24	1/4	631.03	1/4	340.54	1/4	73.69	1/4	1/4	1/4		1/4	1/4
1/2	1,930.28	1/2	1,598.53	1/2	1,266.79	1/2	936.50	1/2	624.73	1/2	334.74	1/2	68.38	1/2	1/2	1/2		1/2	1/2
3/4	1,923.36	3/4	1,591.62	3/4	1,259.88	3/4	929.77	3/4	618.43	3/4	328.94	3/4	63.07	3/4	3/4	3/4		3/4	3/4
2	1,916.45	2	1,584.71	2	1,252.97	2	923.07	2	612.18	2	323.17	2	57.80	2	2	2		2	2
1/4	1,909.54	1/4	1,577.80	1/4	1,246.06	1/4	916.38	1/4	605.92	1/4	317.40	1/4	52.53	1/4	1/4	1/4		1/4	1/4
1/2	1,902.63	1/2	1,570.89	1/2	1,239.15	1/2	909.68	1/2	599.66	1/2	311.64	1/2	47.25	1/2	1/2	1/2		1/2	1/2
3/4	1,895.72	3/4	1,563.98	3/4	1,232.23	3/4	902.99	3/4	593.40	3/4	305.87	3/4	41.98	3/4	3/4	3/4		3/4	3/4
3	1,888.81	3	1,557.07	3	1,225.32	3	896.34	3	587.19	3	300.15	3	37.62	3	3	3		3	3
1/4	1,881.90	1/4	1,550.15	1/4	1,218.41	1/4	889.68	1/4	580.97	1/4	294.43	1/4	33.26	1/4	1/4	1/4		1/4	1/4
1/2	1,874.99	1/2	1,543.24	1/2	1,211.50	1/2	883.03	1/2	574.76	1/2	288.70	1/2	28.89	1/2	1/2	1/2		1/2	1/2
3/4	1,868.07	3/4	1,536.33	3/4	1,204.59	3/4	876.38	3/4	568.54	3/4	282.98	3/4	24.53	3/4	3/4	3/4		3/4	3/4
4	1,861.16	4	1,529.42	4	1,197.68	4	869.76	4	562.37	4	277.30	4	21.93	4	4	4		4	4
1/4	1,854.25	1/4	1,522.51	1/4	1,190.77	1/4	863.15	1/4	556.19	1/4	271.61	1/4	19.34	1/4	1/4	1/4		1/4	1/4
1/2	1,847.34	1/2	1,515.60	1/2	1,183.86	1/2	856.54	1/2	550.02	1/2	265.93	1/2	16.74	1/2	1/2	1/2		1/2	1/2
3/4	1,840.43	3/4	1,508.69	3/4	1,176.94	3/4	849.93	3/4	543.84	3/4	260.24	3/4	14.15	3/4	3/4	3/4		3/4	3/4
5	1,833.52	5	1,501.78	5	1,170.03	5	843.36	5	537.71	5	254.60	5		5	5	5		5	5
1/4	1,826.61	1/4	1,494.86	1/4	1,163.12	1/4	836.78	1/4	531.58	1/4	248.96	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,819.70	1/2	1,487.95	1/2	1,156.21	1/2	830.21	1/2	525.44	1/2	243.32	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,812.78	3/4	1,481.04	3/4	1,149.30	3/4	823.64	3/4	519.31	3/4	237.68	3/4		3/4	3/4	3/4		3/4	3/4
6	1,805.87	6	1,474.13	6	1,142.39	6	817.11	6	513.22	6	232.08	6		6	6	6		6	6
1/4	1,798.96	1/4	1,467.22	1/4	1,135.48	1/4	810.58	1/4	507.12	1/4	226.48	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,792.05	1/2	1,460.31	1/2	1,128.57	1/2	804.05	1/2	501.03	1/2	220.88	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,785.14	3/4	1,453.40	3/4	1,121.65	3/4	797.52	3/4	494.94	3/4	215.27	3/4		3/4	3/4	3/4		3/4	3/4
7	1,778.23	7	1,446.49	7	1,114.74	7	791.03	7	488.89	7	209.72	7		7	7	7		7	7
1/4	1,771.32	1/4	1,439.57	1/4	1,107.83	1/4	784.54	1/4	482.83	1/4	204.16	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,764.40	1/2	1,432.66	1/2	1,100.92	1/2	778.05	1/2	476.78	1/2	198.60	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,757.49	3/4	1,425.75	3/4	1,094.01	3/4	771.56	3/4	470.73	3/4	193.04	3/4		3/4	3/4	3/4		3/4	3/4
8	1,750.58	8	1,418.84	8	1,087.10	8	765.11	8	464.72	8	187.52	8		8	8	8		8	8
1/4	1,743.67	1/4	1,411.93	1/4	1,080.19	1/4	758.66	1/4	458.71	1/4	182.00	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,736.76	1/2	1,405.02	1/2	1,073.28	1/2	752.21	1/2	452.70	1/2	176.48	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,729.85	3/4	1,398.11	3/4	1,066.37	3/4	745.77	3/4	446.69	3/4	170.96	3/4		3/4	3/4	3/4		3/4	3/4
9	1,722.94	9	1,391.19	9	1,059.47	9	739.34	9	440.72	9	165.48	9		9	9	9		9	9
1/4	1,716.03	1/4	1,384.28	1/4	1,052.56	1/4	732.92	1/4	434.75	1/4	160.01	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,709.11	1/2	1,377.37	1/2	1,045.66	1/2	726.49	1/2	428.78	1/2	154.53	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,702.20	3/4	1,370.46	3/4	1,038.76	3/4	720.06	3/4	422.81	3/4	149.05	3/4		3/4	3/4	3/4		3/4	3/4
10	1,695.29	10	1,363.55	10	1,031.87	10	713.67	10	416.88	10	143.61	10		10	10	10		10	10
1/4	1,688.38	1/4	1,356.64	1/4	1,024.99	1/4	707.28	1/4	410.95	1/4	138.17	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,681.47	1/2	1,349.73	1/2	1,018.10	1/2	700.89	1/2	405.02	1/2	132.73	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,674.56	3/4	1,342.82	3/4	1,011.21	3/4	694.50	3/4	399.09	3/4	127.29	3/4		3/4	3/4	3/4		3/4	3/4
11	1,667.65	11	1,335.90	11	1,004.38	11	688.12	11	393.21	11	121.90	11		11	11	11		11	11
1/4	1,660.74	1/4	1,328.99	1/4	997.55	1/4	681.74	1/4	387.32	1/4	116.51	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,653.82	1/2	1,322.08	1/2	990.71	1/2	675.36	1/2	381.43	1/2	111.12	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,646.91	3/4	1,315.17	3/4	983.88	3/4	668.98	3/4	375.55	3/4	105.72	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2013 CL - SW
CALCULATED: 06/05/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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





BARGE "KIRBY 29057"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.				1 FT.				2 FT.				3 FT.				4 FT.				5 FT.				6 FT.				7 FT.				8 FT.				9 FT.											
IN				IN				IN				IN				IN				IN				IN				IN				IN				IN				IN							
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						
	1/2				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						
1				1				1				1				1				1				1				1				1				1				1				1			
	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						
	3/4				3/4				3/4				3/4				3/4				3/4				3/4				3/4				3/4				3/4				3/4						

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29057"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,482.47	0	2,094.09	0	1,705.71	0	1,317.34	0	928.96	0	541.46	0	153.50	0		0		0	
1/4	2,474.38	1/4	2,086.00	1/4	1,697.62	1/4	1,309.25	1/4	920.87	1/4	533.38	1/4	145.42	1/4	1/4		1/4		1/4
1/2	2,466.29	1/2	2,077.91	1/2	1,689.53	1/2	1,301.15	1/2	912.78	1/2	525.30	1/2	137.34	1/2	1/2		1/2		1/2
3/4	2,458.20	3/4	2,069.82	3/4	1,681.44	3/4	1,293.06	3/4	904.69	3/4	517.21	3/4	129.25	3/4	3/4		3/4		3/4
1	2,450.11	1	2,061.73	1	1,673.35	1	1,284.97	1	896.61	1	509.13	1	121.17	1	1		1		1
1/4	2,442.01	1/4	2,053.64	1/4	1,665.26	1/4	1,276.88	1/4	888.53	1/4	501.05	1/4	113.09	1/4	1/4		1/4		1/4
1/2	2,433.92	1/2	2,045.55	1/2	1,657.17	1/2	1,268.79	1/2	880.45	1/2	492.97	1/2	105.01	1/2	1/2		1/2		1/2
3/4	2,425.83	3/4	2,037.45	3/4	1,649.08	3/4	1,260.70	3/4	872.37	3/4	484.88	3/4	96.92	3/4	3/4		3/4		3/4
2	2,417.74	2	2,029.36	2	1,640.99	2	1,252.61	2	864.30	2	476.80	2	88.84	2	2		2		2
1/4	2,409.65	1/4	2,021.27	1/4	1,632.89	1/4	1,244.52	1/4	856.24	1/4	468.72	1/4	80.76	1/4	1/4		1/4		1/4
1/2	2,401.56	1/2	2,013.18	1/2	1,624.80	1/2	1,236.43	1/2	848.17	1/2	460.64	1/2	72.68	1/2	1/2		1/2		1/2
3/4	2,393.47	3/4	2,005.09	3/4	1,616.71	3/4	1,228.33	3/4	840.10	3/4	452.55	3/4	64.59	3/4	3/4		3/4		3/4
3	2,385.38	3	1,997.00	3	1,608.62	3	1,220.24	3	832.04	3	444.47	3	57.52	3	3		3		3
1/4	2,377.28	1/4	1,988.91	1/4	1,600.53	1/4	1,212.15	1/4	823.97	1/4	436.39	1/4	50.45	1/4	1/4		1/4		1/4
1/2	2,369.19	1/2	1,980.82	1/2	1,592.44	1/2	1,204.06	1/2	815.90	1/2	428.31	1/2	43.38	1/2	1/2		1/2		1/2
3/4	2,361.10	3/4	1,972.72	3/4	1,584.35	3/4	1,195.97	3/4	807.84	3/4	420.22	3/4	36.31	3/4	3/4		3/4		3/4
4	2,353.01	4	1,964.63	4	1,576.26	4	1,187.88	4	799.77	4	412.14	4	31.26	4	4		4		4
1/4	2,344.92	1/4	1,956.54	1/4	1,568.16	1/4	1,179.79	1/4	791.70	1/4	404.06	1/4	26.21	1/4	1/4		1/4		1/4
1/2	2,336.83	1/2	1,948.45	1/2	1,560.07	1/2	1,171.70	1/2	783.64	1/2	395.98	1/2	21.16	1/2	1/2		1/2		1/2
3/4	2,328.74	3/4	1,940.36	3/4	1,551.98	3/4	1,163.60	3/4	775.57	3/4	387.89	3/4	16.11	3/4	3/4		3/4		3/4
5	2,320.65	5	1,932.27	5	1,543.89	5	1,155.51	5	767.50	5	379.81	5		5	5		5		5
1/4	2,312.55	1/4	1,924.18	1/4	1,535.80	1/4	1,147.42	1/4	759.44	1/4	371.73	1/4		1/4	1/4		1/4		1/4
1/2	2,304.46	1/2	1,916.09	1/2	1,527.71	1/2	1,139.33	1/2	751.37	1/2	363.65	1/2		1/2	1/2		1/2		1/2
3/4	2,296.37	3/4	1,907.99	3/4	1,519.62	3/4	1,131.24	3/4	743.30	3/4	355.56	3/4		3/4	3/4		3/4		3/4
6	2,288.28	6	1,899.90	6	1,511.53	6	1,123.15	6	735.24	6	347.48	6		6	6		6		6
1/4	2,280.19	1/4	1,891.81	1/4	1,503.43	1/4	1,115.06	1/4	727.17	1/4	339.40	1/4		1/4	1/4		1/4		1/4
1/2	2,272.10	1/2	1,883.72	1/2	1,495.34	1/2	1,106.97	1/2	719.10	1/2	331.32	1/2		1/2	1/2		1/2		1/2
3/4	2,264.01	3/4	1,875.63	3/4	1,487.25	3/4	1,098.87	3/4	711.04	3/4	323.23	3/4		3/4	3/4		3/4		3/4
7	2,255.92	7	1,867.54	7	1,479.16	7	1,090.78	7	702.97	7	315.15	7		7	7		7		7
1/4	2,247.83	1/4	1,859.45	1/4	1,471.07	1/4	1,082.69	1/4	694.90	1/4	307.07	1/4		1/4	1/4		1/4		1/4
1/2	2,239.73	1/2	1,851.36	1/2	1,462.98	1/2	1,074.60	1/2	686.84	1/2	298.99	1/2		1/2	1/2		1/2		1/2
3/4	2,231.64	3/4	1,843.27	3/4	1,454.89	3/4	1,066.51	3/4	678.77	3/4	290.90	3/4		3/4	3/4		3/4		3/4
8	2,223.55	8	1,835.17	8	1,446.80	8	1,058.42	8	670.70	8	282.82	8		8	8		8		8
1/4	2,215.46	1/4	1,827.08	1/4	1,438.71	1/4	1,050.33	1/4	662.64	1/4	274.74	1/4		1/4	1/4		1/4		1/4
1/2	2,207.37	1/2	1,818.99	1/2	1,430.61	1/2	1,042.24	1/2	654.57	1/2	266.66	1/2		1/2	1/2		1/2		1/2
3/4	2,199.28	3/4	1,810.90	3/4	1,422.52	3/4	1,034.15	3/4	646.50	3/4	258.57	3/4		3/4	3/4		3/4		3/4
9	2,191.19	9	1,802.81	9	1,414.43	9	1,026.05	9	638.43	9	250.49	9		9	9		9		9
1/4	2,183.10	1/4	1,794.72	1/4	1,406.34	1/4	1,017.96	1/4	630.35	1/4	242.41	1/4		1/4	1/4		1/4		1/4
1/2	2,175.00	1/2	1,786.63	1/2	1,398.25	1/2	1,009.87	1/2	622.28	1/2	234.33	1/2		1/2	1/2		1/2		1/2
3/4	2,166.91	3/4	1,778.54	3/4	1,390.16	3/4	1,001.78	3/4	614.20	3/4	226.24	3/4		3/4	3/4		3/4		3/4
10	2,158.82	10	1,770.44	10	1,382.07	10	993.69	10	606.12	10	218.16	10		10	10		10		10
1/4	2,150.73	1/4	1,762.35	1/4	1,373.98	1/4	985.60	1/4	598.04	1/4	210.08	1/4		1/4	1/4		1/4		1/4
1/2	2,142.64	1/2	1,754.26	1/2	1,365.88	1/2	977.51	1/2	589.96	1/2	202.00	1/2		1/2	1/2		1/2		1/2
3/4	2,134.55	3/4	1,746.17	3/4	1,357.79	3/4	969.42	3/4	581.87	3/4	193.91	3/4		3/4	3/4		3/4		3/4
11	2,126.46	11	1,738.08	11	1,349.70	11	961.32	11	573.79	11	185.83	11		11	11		11		11
1/4	2,118.37	1/4	1,729.99	1/4	1,341.61	1/4	953.23	1/4	565.71	1/4	177.75	1/4		1/4	1/4		1/4		1/4
1/2	2,110.27	1/2	1,721.90	1/2	1,333.52	1/2	945.14	1/2	557.63	1/2	169.67	1/2		1/2	1/2		1/2		1/2
3/4	2,102.18	3/4	1,713.81	3/4	1,325.43	3/4	937.05	3/4	549.54	3/4	161.58	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2013 CL - SW
CALCULATED: 06/05/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 29057"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,459.56	0	2,071.32	0	1,683.09	0	1,294.86	0	907.85	0	534.07	0	145.89	0		0		0	
1/4	2,451.47	1/4	2,063.24	1/4	1,675.00	1/4	1,286.77	1/4	900.07	1/4	525.99	1/4	137.80	1/4	1/4	1/4		1/4	1/4
1/2	2,443.38	1/2	2,055.15	1/2	1,666.91	1/2	1,278.68	1/2	892.30	1/2	517.90	1/2	129.71	1/2	1/2	1/2		1/2	1/2
3/4	2,435.29	3/4	2,047.06	3/4	1,658.83	3/4	1,270.59	3/4	884.53	3/4	509.81	3/4	121.63	3/4	3/4	3/4		3/4	3/4
1	2,427.21	1	2,038.97	1	1,650.74	1	1,262.50	1	876.77	1	501.72	1	113.54	1	1	1		1	1
1/4	2,419.12	1/4	2,030.88	1/4	1,642.65	1/4	1,254.42	1/4	869.00	1/4	493.64	1/4	105.45	1/4	1/4	1/4		1/4	1/4
1/2	2,411.03	1/2	2,022.80	1/2	1,634.56	1/2	1,246.33	1/2	861.24	1/2	485.55	1/2	97.36	1/2	1/2	1/2		1/2	1/2
3/4	2,402.94	3/4	2,014.71	3/4	1,626.47	3/4	1,238.24	3/4	853.48	3/4	477.46	3/4	89.28	3/4	3/4	3/4		3/4	3/4
2	2,394.85	2	2,006.62	2	1,618.39	2	1,230.15	2	845.73	2	469.38	2	81.19	2	2	2		2	2
1/4	2,386.76	1/4	1,998.53	1/4	1,610.30	1/4	1,222.06	1/4	837.97	1/4	461.29	1/4	73.10	1/4	1/4	1/4		1/4	1/4
1/2	2,378.68	1/2	1,990.44	1/2	1,602.21	1/2	1,213.98	1/2	830.22	1/2	453.20	1/2	65.02	1/2	1/2	1/2		1/2	1/2
3/4	2,370.59	3/4	1,982.35	3/4	1,594.12	3/4	1,205.89	3/4	822.47	3/4	445.11	3/4	57.94	3/4	3/4	3/4		3/4	3/4
3	2,362.50	3	1,974.27	3	1,586.03	3	1,197.80	3	814.71	3	437.03	3	50.86	3	3	3		3	3
1/4	2,354.41	1/4	1,966.18	1/4	1,577.94	1/4	1,189.71	1/4	806.96	1/4	428.94	1/4	43.78	1/4	1/4	1/4		1/4	1/4
1/2	2,346.32	1/2	1,958.09	1/2	1,569.86	1/2	1,181.62	1/2	799.20	1/2	420.85	1/2	36.71	1/2	1/2	1/2		1/2	1/2
3/4	2,338.23	3/4	1,950.00	3/4	1,561.77	3/4	1,173.53	3/4	791.45	3/4	412.77	3/4	31.65	3/4	3/4	3/4		3/4	3/4
4	2,330.15	4	1,941.91	4	1,553.68	4	1,165.45	4	783.70	4	404.68	4	26.60	4	4	4		4	4
1/4	2,322.06	1/4	1,933.82	1/4	1,545.59	1/4	1,157.36	1/4	775.94	1/4	396.59	1/4	21.54	1/4	1/4	1/4		1/4	1/4
1/2	2,313.97	1/2	1,925.74	1/2	1,537.50	1/2	1,149.27	1/2	768.19	1/2	388.50	1/2	16.49	1/2	1/2	1/2		1/2	1/2
3/4	2,305.88	3/4	1,917.65	3/4	1,529.41	3/4	1,141.18	3/4	760.43	3/4	380.42	3/4		3/4	3/4	3/4		3/4	3/4
5	2,297.79	5	1,909.56	5	1,521.33	5	1,133.09	5	752.68	5	372.33	5		5	5	5		5	5
1/4	2,289.71	1/4	1,901.47	1/4	1,513.24	1/4	1,125.00	1/4	744.93	1/4	364.24	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,281.62	1/2	1,893.38	1/2	1,505.15	1/2	1,116.92	1/2	737.17	1/2	356.16	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,273.53	3/4	1,885.30	3/4	1,497.06	3/4	1,108.83	3/4	729.42	3/4	348.07	3/4		3/4	3/4	3/4		3/4	3/4
6	2,265.44	6	1,877.21	6	1,488.97	6	1,100.74	6	721.66	6	339.98	6		6	6	6		6	6
1/4	2,257.35	1/4	1,869.12	1/4	1,480.89	1/4	1,092.65	1/4	713.91	1/4	331.89	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,249.26	1/2	1,861.03	1/2	1,472.80	1/2	1,084.56	1/2	706.16	1/2	323.81	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,241.18	3/4	1,852.94	3/4	1,464.71	3/4	1,076.48	3/4	698.40	3/4	315.72	3/4		3/4	3/4	3/4		3/4	3/4
7	2,233.09	7	1,844.85	7	1,456.62	7	1,068.39	7	690.65	7	307.63	7		7	7	7		7	7
1/4	2,225.00	1/4	1,836.77	1/4	1,448.53	1/4	1,060.30	1/4	682.90	1/4	299.54	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,216.91	1/2	1,828.68	1/2	1,440.44	1/2	1,052.21	1/2	675.15	1/2	291.46	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,208.82	3/4	1,820.59	3/4	1,432.36	3/4	1,044.12	3/4	667.40	3/4	283.37	3/4		3/4	3/4	3/4		3/4	3/4
8	2,200.74	8	1,812.50	8	1,424.27	8	1,036.03	8	659.64	8	275.28	8		8	8	8		8	8
1/4	2,192.65	1/4	1,804.41	1/4	1,416.18	1/4	1,027.95	1/4	651.89	1/4	267.20	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,184.56	1/2	1,796.33	1/2	1,408.09	1/2	1,019.86	1/2	644.14	1/2	259.11	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,176.47	3/4	1,788.24	3/4	1,400.00	3/4	1,011.77	3/4	636.38	3/4	251.02	3/4		3/4	3/4	3/4		3/4	3/4
9	2,168.38	9	1,780.15	9	1,391.92	9	1,003.68	9	628.61	9	242.93	9		9	9	9		9	9
1/4	2,160.29	1/4	1,772.06	1/4	1,383.83	1/4	995.59	1/4	620.85	1/4	234.85	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,152.21	1/2	1,763.97	1/2	1,375.74	1/2	987.51	1/2	613.09	1/2	226.76	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,144.12	3/4	1,755.88	3/4	1,367.65	3/4	979.42	3/4	605.31	3/4	218.67	3/4		3/4	3/4	3/4		3/4	3/4
10	2,136.03	10	1,747.80	10	1,359.56	10	971.33	10	597.54	10	210.59	10		10	10	10		10	10
1/4	2,127.94	1/4	1,739.71	1/4	1,351.47	1/4	963.24	1/4	589.76	1/4	202.50	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,119.85	1/2	1,731.62	1/2	1,343.39	1/2	955.15	1/2	581.98	1/2	194.41	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,111.77	3/4	1,723.53	3/4	1,335.30	3/4	947.22	3/4	574.05	3/4	186.32	3/4		3/4	3/4	3/4		3/4	3/4
11	2,103.68	11	1,715.44	11	1,327.21	11	939.28	11	566.12	11	178.24	11		11	11	11		11	11
1/4	2,095.59	1/4	1,707.36	1/4	1,319.12	1/4	931.35	1/4	558.18	1/4	170.15	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,087.50	1/2	1,699.27	1/2	1,311.03	1/2	923.41	1/2	550.25	1/2	162.06	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,079.41	3/4	1,691.18	3/4	1,302.95	3/4	915.63	3/4	542.16	3/4	153.98	3/4		3/4	3/4	3/4		3/4	3/4

STRAPPED: 06/05/2013 CL - SW
CALCULATED: 06/05/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29057"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4	4,488.11	1/4	4,231.96	1/4	3,962.88	1/4	3,681.40	1/4	3,386.20	1/4	3,029.68	1/4	2,668.82
1/2		1/2		1/2		1/2	4,482.87	1/2	4,226.50	1/2	3,957.14	1/2	3,675.41	1/2	3,379.38	1/2	3,022.16	1/2	2,661.30
3/4		3/4		3/4		3/4	4,477.62	3/4	4,221.04	3/4	3,951.39	3/4	3,669.42	3/4	3,372.56	3/4	3,014.65	3/4	2,653.78
1	1	1	1	1	1	1	4,472.37	1	4,215.59	1	3,945.64	1	3,663.42	1	3,365.73	1	3,007.13	1	2,646.26
1/4		1/4		1/4		1/4	4,467.11	1/4	4,210.11	1/4	3,939.88	1/4	3,657.40	1/4	3,358.63	1/4	2,999.61	1/4	2,638.74
1/2		1/2		1/2		1/2	4,461.84	1/2	4,204.63	1/2	3,934.12	1/2	3,651.38	1/2	3,351.53	1/2	2,992.09	1/2	2,631.22
3/4		3/4		3/4		3/4	4,456.58	3/4	4,199.15	3/4	3,928.35	3/4	3,645.36	3/4	3,344.43	3/4	2,984.58	3/4	2,623.70
2	2	2	2	2	2	2	4,451.31	2	4,193.67	2	3,922.59	2	3,639.34	2	3,337.33	2	2,977.06	2	2,616.18
1/4		1/4		1/4		1/4	4,446.03	1/4	4,188.17	1/4	3,916.80	1/4	3,633.31	1/4	3,329.95	1/4	2,969.54	1/4	2,608.66
1/2		1/2		1/2		1/2	4,440.74	1/2	4,182.67	1/2	3,911.02	1/2	3,627.27	1/2	3,322.58	1/2	2,962.02	1/2	2,601.15
3/4		3/4		3/4		3/4	4,435.45	3/4	4,177.17	3/4	3,905.24	3/4	3,621.23	3/4	3,315.20	3/4	2,954.51	3/4	2,593.63
3	3	3	3	3	3	3	4,430.16	3	4,171.68	3	3,899.45	3	3,615.20	3	3,307.82	3	2,946.99	3	2,586.11
1/4		1/4		1/4		1/4	4,424.89	1/4	4,166.12	1/4	3,893.64	1/4	3,609.14	1/4	3,300.30	1/4	2,939.47	1/4	2,578.59
1/2		1/2		1/2		1/2	4,419.62	1/2	4,160.57	1/2	3,887.84	1/2	3,603.09	1/2	3,292.79	1/2	2,931.95	1/2	2,571.07
3/4		3/4		3/4		3/4	4,414.35	3/4	4,155.01	3/4	3,882.03	3/4	3,597.03	3/4	3,285.27	3/4	2,924.44	3/4	2,563.55
4	4	4	4	4	4	4	4,409.08	4	4,149.46	4	3,876.22	4	3,590.98	4	3,277.75	4	2,916.92	4	2,556.03
1/4		1/4		1/4		1/4	4,403.79	1/4	4,143.88	1/4	3,870.40	1/4	3,584.90	1/4	3,270.23	1/4	2,909.40	1/4	2,548.51
1/2		1/2		1/2		1/2	4,398.50	1/2	4,138.30	1/2	3,864.57	1/2	3,578.81	1/2	3,262.72	1/2	2,901.89	1/2	2,540.99
3/4		3/4		3/4		3/4	4,393.21	3/4	4,132.72	3/4	3,858.74	3/4	3,572.73	3/4	3,255.20	3/4	2,894.37	3/4	2,533.48
5	5	5	5	5	5	5	4,387.92	5	4,127.14	5	3,852.92	5	3,566.65	5	3,247.68	5	2,886.85	5	2,525.96
1/4		1/4		1/4		1/4	4,382.60	1/4	4,121.55	1/4	3,847.06	1/4	3,560.55	1/4	3,240.16	1/4	2,879.33	1/4	2,518.44
1/2		1/2		1/2		1/2	4,377.29	1/2	4,115.95	1/2	3,841.21	1/2	3,554.46	1/2	3,232.65	1/2	2,871.82	1/2	2,510.92
3/4		3/4		3/4		3/4	4,371.98	3/4	4,110.35	3/4	3,835.36	3/4	3,548.36	3/4	3,225.13	3/4	2,864.30	3/4	2,503.40
6	6	6	6	6	6	6	4,366.66	6	4,104.75	6	3,829.51	6	3,542.26	6	3,217.61	6	2,856.78	6	2,495.88
1/4		1/4		1/4		1/4	4,361.33	1/4	4,099.13	1/4	3,823.64	1/4	3,536.14	1/4	3,210.10	1/4	2,849.26	1/4	2,488.36
1/2		1/2		1/2		1/2	4,621.53	1/2	4,356.00	1/2	4,093.51	1/2	3,817.77	1/2	3,530.02	1/2	3,202.58	1/2	2,841.75
3/4		3/4		3/4		3/4	4,616.93	3/4	4,350.66	3/4	4,087.88	3/4	3,811.90	3/4	3,523.91	3/4	3,195.06	3/4	2,834.23
7	7	7	7	7	7	7	4,612.32	7	4,345.33	7	4,082.26	7	3,806.03	7	3,517.79	7	3,187.54	7	2,826.71
1/4		1/4		1/4		1/4	4,606.20	1/4	4,339.97	1/4	4,076.62	1/4	3,800.14	1/4	3,511.66	1/4	3,180.03	1/4	2,819.19
1/2		1/2		1/2		1/2	4,600.07	1/2	4,334.62	1/2	4,070.98	1/2	3,794.25	1/2	3,505.54	1/2	3,172.51	1/2	2,811.67
3/4		3/4		3/4		3/4	4,593.94	3/4	4,329.26	3/4	4,065.34	3/4	3,788.37	3/4	3,499.41	3/4	3,164.99	3/4	2,804.16
8	8	8	8	8	8	8	4,587.81	8	4,323.90	8	4,059.70	8	3,782.48	8	3,493.28	8	3,157.47	8	2,796.64
1/4		1/4		1/4		1/4	4,581.68	1/4	4,318.53	1/4	4,054.04	1/4	3,776.56	1/4	3,487.15	1/4	3,149.96	1/4	2,789.12
1/2		1/2		1/2		1/2	4,575.55	1/2	4,313.15	1/2	4,048.38	1/2	3,770.65	1/2	3,481.03	1/2	3,142.44	1/2	2,781.60
3/4		3/4		3/4		3/4	4,569.42	3/4	4,307.78	3/4	4,042.72	3/4	3,764.74	3/4	3,474.90	3/4	3,134.92	3/4	2,774.08
9	9	9	9	9	9	9	4,563.30	9	4,302.40	9	4,037.06	9	3,758.82	9	3,468.77	9	3,127.40	9	2,766.56
1/4		1/4		1/4		1/4	4,557.17	1/4	4,297.01	1/4	4,031.38	1/4	3,752.89	1/4	3,462.65	1/4	3,119.89	1/4	2,759.04
1/2		1/2		1/2		1/2	4,551.04	1/2	4,291.62	1/2	4,025.69	1/2	3,746.96	1/2	3,456.52	1/2	3,112.37	1/2	2,751.52
3/4		3/4		3/4		3/4	4,544.91	3/4	4,286.22	3/4	4,020.01	3/4	3,741.03	3/4	3,450.39	3/4	3,104.85	3/4	2,744.00
10	10	10	10	10	10	10	4,538.78	10	4,280.83	10	4,014.32	10	3,735.10	10	3,444.26	10	3,097.34	10	2,736.49
1/4		1/4		1/4		1/4	4,532.65	1/4	4,275.41	1/4	4,008.62	1/4	3,729.15	1/4	3,438.00	1/4	3,089.82	1/4	2,728.97
1/2		1/2		1/2		1/2	4,526.53	1/2	4,269.99	1/2	4,002.92	1/2	3,723.20	1/2	3,431.73	1/2	3,082.30	1/2	2,721.45
3/4		3/4		3/4		3/4	4,520.40	3/4	4,264.57	3/4	3,997.22	3/4	3,717.25	3/4	3,425.47	3/4	3,074.78	3/4	2,713.93
11	11	11	11	11	11	11	4,514.27	11	4,259.16	11	3,991.51	11	3,711.30	11	3,419.20	11	3,067.27	11	2,706.41
1/4		1/4		1/4		1/4	4,508.14	1/4	4,253.72	1/4	3,985.79	1/4	3,705.32	1/4	3,412.65	1/4	3,059.75	1/4	2,698.89
1/2		1/2		1/2		1/2	4,503.81	1/2	4,248.28	1/2	3,980.07	1/2	3,699.35	1/2	3,406.11	1/2	3,052.23	1/2	2,691.37
3/4		3/4		3/4		3/4	4,498.59	3/4	4,242.85	3/4	3,974.35	3/4	3,693.37	3/4	3,399.57	3/4	3,044.71	3/4	2,683.85

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29057"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,315.43	0	1,954.52	0	1,593.61	0	1,232.71	0	872.59	0	511.70	0	150.82	0		0		0	
1/4	2,307.91	1/4	1,947.00	1/4	1,586.09	1/4	1,225.19	1/4	865.07	1/4	504.19	1/4	143.30	1/4	1/4	1/4		1/4	
1/2	2,300.39	1/2	1,939.48	1/2	1,578.58	1/2	1,217.67	1/2	857.56	1/2	496.67	1/2	135.78	1/2	1/2	1/2		1/2	
3/4	2,292.87	3/4	1,931.96	3/4	1,571.06	3/4	1,210.15	3/4	850.04	3/4	489.15	3/4	128.26	3/4	3/4	3/4		3/4	
1	2,285.35	1	1,924.44	1	1,563.54	1	1,202.63	1	842.52	1	481.63	1	120.74	1	1	1		1	
1/4	2,277.83	1/4	1,916.93	1/4	1,556.02	1/4	1,195.11	1/4	835.00	1/4	474.11	1/4	113.22	1/4	1/4	1/4		1/4	
1/2	2,270.31	1/2	1,909.41	1/2	1,548.50	1/2	1,187.59	1/2	827.48	1/2	466.59	1/2	105.71	1/2	1/2	1/2		1/2	
3/4	2,262.80	3/4	1,901.89	3/4	1,540.98	3/4	1,180.07	3/4	819.96	3/4	459.07	3/4	98.19	3/4	3/4	3/4		3/4	
2	2,255.28	2	1,894.37	2	1,533.46	2	1,172.55	2	812.44	2	451.56	2	90.67	2	2	2		2	
1/4	2,247.76	1/4	1,886.85	1/4	1,525.94	1/4	1,165.04	1/4	804.93	1/4	444.04	1/4	83.15	1/4	1/4	1/4		1/4	
1/2	2,240.24	1/2	1,879.33	1/2	1,518.42	1/2	1,157.52	1/2	797.41	1/2	436.52	1/2	75.63	1/2	1/2	1/2		1/2	
3/4	2,232.72	3/4	1,871.81	3/4	1,510.91	3/4	1,150.00	3/4	789.89	3/4	429.00	3/4	68.11	3/4	3/4	3/4		3/4	
3	2,225.20	3	1,864.29	3	1,503.39	3	1,142.48	3	782.37	3	421.48	3	60.59	3	3	3		3	
1/4	2,217.68	1/4	1,856.77	1/4	1,495.87	1/4	1,134.96	1/4	774.85	1/4	413.96	1/4	54.01	1/4	1/4	1/4		1/4	
1/2	2,210.16	1/2	1,849.26	1/2	1,488.35	1/2	1,127.44	1/2	767.33	1/2	406.45	1/2	47.44	1/2	1/2	1/2		1/2	
3/4	2,202.64	3/4	1,841.74	3/4	1,480.83	3/4	1,119.92	3/4	759.81	3/4	398.93	3/4	40.86	3/4	3/4	3/4		3/4	
4	2,195.13	4	1,834.22	4	1,473.31	4	1,112.40	4	752.30	4	391.41	4	34.28	4	4	4		4	
1/4	2,187.61	1/4	1,826.70	1/4	1,465.79	1/4	1,104.91	1/4	744.78	1/4	383.89	1/4	29.58	1/4	1/4	1/4		1/4	
1/2	2,180.09	1/2	1,819.18	1/2	1,458.27	1/2	1,097.42	1/2	737.26	1/2	376.37	1/2	24.88	1/2	1/2	1/2		1/2	
3/4	2,172.57	3/4	1,811.66	3/4	1,450.75	3/4	1,089.92	3/4	729.74	3/4	368.85	3/4	20.18	3/4	3/4	3/4		3/4	
5	2,165.05	5	1,804.14	5	1,443.24	5	1,082.43	5	722.22	5	361.33	5	15.48	5	5	5		5	
1/4	2,157.53	1/4	1,796.62	1/4	1,435.72	1/4	1,074.93	1/4	714.70	1/4	353.82	1/4		1/4	1/4	1/4		1/4	
1/2	2,150.01	1/2	1,789.10	1/2	1,428.20	1/2	1,067.44	1/2	707.19	1/2	346.30	1/2		1/2	1/2	1/2		1/2	
3/4	2,142.49	3/4	1,781.59	3/4	1,420.68	3/4	1,059.94	3/4	699.67	3/4	338.78	3/4		3/4	3/4	3/4		3/4	
6	2,134.97	6	1,774.07	6	1,413.16	6	1,052.45	6	692.15	6	331.26	6		6	6	6		6	
1/4	2,127.46	1/4	1,766.55	1/4	1,405.64	1/4	1,044.96	1/4	684.63	1/4	323.74	1/4		1/4	1/4	1/4		1/4	
1/2	2,119.94	1/2	1,759.03	1/2	1,398.12	1/2	1,037.46	1/2	677.11	1/2	316.22	1/2		1/2	1/2	1/2		1/2	
3/4	2,112.42	3/4	1,751.51	3/4	1,390.60	3/4	1,029.97	3/4	669.59	3/4	308.70	3/4		3/4	3/4	3/4		3/4	
7	2,104.90	7	1,743.99	7	1,383.08	7	1,022.47	7	662.07	7	301.19	7		7	7	7		7	
1/4	2,097.38	1/4	1,736.47	1/4	1,375.57	1/4	1,014.98	1/4	654.56	1/4	293.67	1/4		1/4	1/4	1/4		1/4	
1/2	2,089.86	1/2	1,728.95	1/2	1,368.05	1/2	1,007.49	1/2	647.04	1/2	286.15	1/2		1/2	1/2	1/2		1/2	
3/4	2,082.34	3/4	1,721.43	3/4	1,360.53	3/4	999.99	3/4	639.52	3/4	278.63	3/4		3/4	3/4	3/4		3/4	
8	2,074.82	8	1,713.92	8	1,353.01	8	992.50	8	632.00	8	271.11	8		8	8	8		8	
1/4	2,067.30	1/4	1,706.40	1/4	1,345.49	1/4	985.00	1/4	624.48	1/4	263.59	1/4		1/4	1/4	1/4		1/4	
1/2	2,059.78	1/2	1,698.88	1/2	1,337.97	1/2	977.51	1/2	616.96	1/2	256.08	1/2		1/2	1/2	1/2		1/2	
3/4	2,052.27	3/4	1,691.36	3/4	1,330.45	3/4	970.02	3/4	609.44	3/4	248.56	3/4		3/4	3/4	3/4		3/4	
9	2,044.75	9	1,683.84	9	1,322.93	9	962.52	9	601.93	9	241.04	9		9	9	9		9	
1/4	2,037.23	1/4	1,676.32	1/4	1,315.41	1/4	955.03	1/4	594.41	1/4	233.52	1/4		1/4	1/4	1/4		1/4	
1/2	2,029.71	1/2	1,668.80	1/2	1,307.89	1/2	947.53	1/2	586.89	1/2	226.00	1/2		1/2	1/2	1/2		1/2	
3/4	2,022.19	3/4	1,661.28	3/4	1,300.38	3/4	940.04	3/4	579.37	3/4	218.48	3/4		3/4	3/4	3/4		3/4	
10	2,014.67	10	1,653.76	10	1,292.86	10	932.55	10	571.85	10	210.96	10		10	10	10		10	
1/4	2,007.15	1/4	1,646.25	1/4	1,285.34	1/4	925.05	1/4	564.33	1/4	203.45	1/4		1/4	1/4	1/4		1/4	
1/2	1,999.63	1/2	1,638.73	1/2	1,277.82	1/2	917.56	1/2	556.82	1/2	195.93	1/2		1/2	1/2	1/2		1/2	
3/4	1,992.11	3/4	1,631.21	3/4	1,270.30	3/4	910.06	3/4	549.30	3/4	188.41	3/4		3/4	3/4	3/4		3/4	
11	1,984.60	11	1,623.69	11	1,262.78	11	902.57	11	541.78	11	180.89	11		11	11	11		11	
1/4	1,977.08	1/4	1,616.17	1/4	1,255.26	1/4	895.07	1/4	534.26	1/4	173.37	1/4		1/4	1/4	1/4		1/4	
1/2	1,969.56	1/2	1,608.65	1/2	1,247.74	1/2	887.58	1/2	526.74	1/2	165.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,962.04	3/4	1,601.13	3/4	1,240.22	3/4	880.09	3/4	519.22	3/4	158.33	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2013 CL - SW
CALCULATED: 06/05/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 29057"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,288.24	0	1,929.19	0	1,570.54	0	1,210.25	0	856.60	0	503.73	0	143.35	0		0		0	
1/4	2,280.73	1/4	1,921.75	1/4	1,563.03	1/4	1,202.88	1/4	849.23	1/4	496.29	1/4	135.83	1/4		1/4		1/4	
1/2	2,273.22	1/2	1,914.31	1/2	1,555.53	1/2	1,195.51	1/2	841.85	1/2	488.85	1/2	128.31	1/2		1/2		1/2	
3/4	2,265.71	3/4	1,906.86	3/4	1,548.02	3/4	1,188.14	3/4	834.48	3/4	481.40	3/4	120.79	3/4		3/4		3/4	
1	2,258.20	1	1,899.42	1	1,540.51	1	1,180.76	1	827.11	1	473.89	1	113.27	1		1		1	
1/4	2,250.69	1/4	1,891.98	1/4	1,533.00	1/4	1,173.39	1/4	819.74	1/4	466.38	1/4	105.75	1/4		1/4		1/4	
1/2	2,243.19	1/2	1,884.54	1/2	1,525.49	1/2	1,166.02	1/2	812.38	1/2	458.87	1/2	98.22	1/2		1/2		1/2	
3/4	2,235.68	3/4	1,877.09	3/4	1,517.98	3/4	1,158.65	3/4	805.01	3/4	451.36	3/4	90.70	3/4		3/4		3/4	
2	2,228.17	2	1,869.65	2	1,510.47	2	1,151.27	2	797.65	2	443.85	2	83.18	2		2		2	
1/4	2,220.66	1/4	1,862.21	1/4	1,502.96	1/4	1,143.90	1/4	790.30	1/4	436.34	1/4	75.66	1/4		1/4		1/4	
1/2	2,213.15	1/2	1,854.76	1/2	1,495.45	1/2	1,136.53	1/2	782.95	1/2	428.84	1/2	68.14	1/2		1/2		1/2	
3/4	2,205.64	3/4	1,847.32	3/4	1,487.95	3/4	1,129.16	3/4	775.60	3/4	421.33	3/4	60.62	3/4		3/4		3/4	
3	2,198.13	3	1,839.88	3	1,480.44	3	1,121.78	3	768.26	3	413.82	3	54.03	3		3		3	
1/4	2,190.62	1/4	1,832.43	1/4	1,472.93	1/4	1,114.41	1/4	760.92	1/4	406.31	1/4	47.45	1/4		1/4		1/4	
1/2	2,183.11	1/2	1,824.99	1/2	1,465.42	1/2	1,107.04	1/2	753.58	1/2	398.80	1/2	40.87	1/2		1/2		1/2	
3/4	2,175.61	3/4	1,817.55	3/4	1,457.91	3/4	1,099.67	3/4	746.24	3/4	391.29	3/4	34.29	3/4		3/4		3/4	
4	2,168.10	4	1,810.10	4	1,450.40	4	1,092.30	4	738.90	4	383.78	4	29.59	4		4		4	
1/4	2,160.59	1/4	1,802.66	1/4	1,442.89	1/4	1,084.93	1/4	731.56	1/4	376.27	1/4	24.89	1/4		1/4		1/4	
1/2	2,153.08	1/2	1,795.22	1/2	1,435.38	1/2	1,077.57	1/2	724.22	1/2	368.76	1/2	20.19	1/2		1/2		1/2	
3/4	2,145.57	3/4	1,787.78	3/4	1,427.87	3/4	1,070.20	3/4	716.88	3/4	361.25	3/4	15.49	3/4		3/4		3/4	
5	2,138.06	5	1,780.33	5	1,420.37	5	1,062.84	5	709.54	5	353.74	5		5		5		5	
1/4	2,130.55	1/4	1,772.89	1/4	1,412.86	1/4	1,055.47	1/4	702.20	1/4	346.23	1/4		1/4		1/4		1/4	
1/2	2,123.04	1/2	1,765.45	1/2	1,405.35	1/2	1,048.11	1/2	694.86	1/2	338.72	1/2		1/2		1/2		1/2	
3/4	2,115.53	3/4	1,758.00	3/4	1,397.84	3/4	1,040.74	3/4	687.52	3/4	331.21	3/4		3/4		3/4		3/4	
6	2,108.03	6	1,750.56	6	1,390.33	6	1,033.38	6	680.18	6	323.70	6		6		6		6	
1/4	2,100.52	1/4	1,743.12	1/4	1,382.82	1/4	1,026.01	1/4	672.84	1/4	316.19	1/4		1/4		1/4		1/4	
1/2	2,093.01	1/2	1,735.67	1/2	1,375.31	1/2	1,018.64	1/2	665.50	1/2	308.68	1/2		1/2		1/2		1/2	
3/4	2,085.50	3/4	1,728.23	3/4	1,367.80	3/4	1,011.28	3/4	658.16	3/4	301.17	3/4		3/4		3/4		3/4	
7	2,078.06	7	1,720.72	7	1,360.29	7	1,003.91	7	650.82	7	293.66	7		7		7		7	
1/4	2,070.61	1/4	1,713.21	1/4	1,352.79	1/4	996.55	1/4	643.47	1/4	286.15	1/4		1/4		1/4		1/4	
1/2	2,063.17	1/2	1,705.70	1/2	1,345.28	1/2	989.18	1/2	636.13	1/2	278.64	1/2		1/2		1/2		1/2	
3/4	2,055.73	3/4	1,698.19	3/4	1,337.77	3/4	981.82	3/4	628.79	3/4	271.13	3/4		3/4		3/4		3/4	
8	2,048.28	8	1,690.69	8	1,330.26	8	974.45	8	621.45	8	263.62	8		8		8		8	
1/4	2,040.84	1/4	1,683.18	1/4	1,322.75	1/4	967.09	1/4	614.11	1/4	256.11	1/4		1/4		1/4		1/4	
1/2	2,033.40	1/2	1,675.67	1/2	1,315.24	1/2	959.72	1/2	606.77	1/2	248.60	1/2		1/2		1/2		1/2	
3/4	2,025.95	3/4	1,668.16	3/4	1,307.73	3/4	952.36	3/4	599.43	3/4	241.09	3/4		3/4		3/4		3/4	
9	2,018.51	9	1,660.65	9	1,300.22	9	944.99	9	592.09	9	233.58	9		9		9		9	
1/4	2,011.07	1/4	1,653.14	1/4	1,292.71	1/4	937.62	1/4	584.75	1/4	226.07	1/4		1/4		1/4		1/4	
1/2	2,003.63	1/2	1,645.63	1/2	1,285.21	1/2	930.26	1/2	577.41	1/2	218.56	1/2		1/2		1/2		1/2	
3/4	1,996.18	3/4	1,638.12	3/4	1,277.70	3/4	922.89	3/4	570.07	3/4	211.05	3/4		3/4		3/4		3/4	
10	1,988.74	10	1,630.61	10	1,270.19	10	915.53	10	562.71	10	203.53	10		10		10		10	
1/4	1,981.30	1/4	1,623.11	1/4	1,262.68	1/4	908.16	1/4	555.36	1/4	196.00	1/4		1/4		1/4		1/4	
1/2	1,973.85	1/2	1,615.60	1/2	1,255.17	1/2	900.80	1/2	548.00	1/2	188.48	1/2		1/2		1/2		1/2	
3/4	1,966.41	3/4	1,608.09	3/4	1,247.66	3/4	893.43	3/4	540.65	3/4	180.96	3/4		3/4		3/4		3/4	
11	1,958.97	11	1,600.58	11	1,240.15	11	886.07	11	533.28	11	173.44	11		11		11		11	
1/4	1,951.52	1/4	1,593.07	1/4	1,232.64	1/4	878.70	1/4	525.91	1/4	165.92	1/4		1/4		1/4		1/4	
1/2	1,944.08	1/2	1,585.56	1/2	1,225.13	1/2	871.33	1/2	518.54	1/2	158.40	1/2		1/2		1/2		1/2	
3/4	1,936.64	3/4	1,578.05	3/4	1,217.63	3/4	863.97	3/4	511.17	3/4	150.88	3/4		3/4		3/4		3/4	

STRAPPED: 06/05/2013 CL - SW
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