



BARGE "KIRBY 29043"

ULLAGE TRIM TABLE
FORMERLY "CTCO 339"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
AFT DRAFT = 7'-00"
DIFF. = 5'-00" (DOWN BY STERN)

THE CORRECTION FOR 5'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-03"

May 8, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 29043"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,431.27	0	2,064.43	0	1,697.60	0	1,330.76	0	964.97	0	599.30	0	249.84	0		0			
1/4	2,423.62	1/4	2,056.79	1/4	1,689.95	1/4	1,323.12	1/4	957.37	1/4	591.66	1/4	243.06	1/4		1/4		1/4	
1/2	2,415.98	1/2	2,049.15	1/2	1,682.31	1/2	1,315.48	1/2	949.78	1/2	584.02	1/2	236.37	1/2		1/2		1/2	
3/4	2,408.34	3/4	2,041.50	3/4	1,674.67	3/4	1,307.83	3/4	942.19	3/4	576.38	3/4	229.68	3/4		3/4		3/4	
1	2,400.70	1	2,033.86	1	1,667.03	1	1,300.19	1	934.60	1	568.74	1	222.99	1		1		1	
1/4	2,393.05	1/4	2,026.22	1/4	1,659.38	1/4	1,292.55	1/4	927.01	1/4	561.09	1/4	216.30	1/4		1/4		1/4	
1/2	2,385.41	1/2	2,018.58	1/2	1,651.74	1/2	1,284.91	1/2	919.42	1/2	553.46	1/2	209.70	1/2		1/2		1/2	
3/4	2,377.77	3/4	2,010.93	3/4	1,644.10	3/4	1,277.26	3/4	911.83	3/4	545.83	3/4	203.11	3/4		3/4		3/4	
2	2,370.13	2	2,003.29	2	1,636.46	2	1,269.62	2	904.23	2	538.20	2	196.51	2		2		2	
1/4	2,362.48	1/4	1,995.65	1/4	1,628.81	1/4	1,261.98	1/4	896.64	1/4	530.57	1/4	189.91	1/4		1/4		1/4	
1/2	2,354.84	1/2	1,988.01	1/2	1,621.17	1/2	1,254.34	1/2	889.05	1/2	522.98	1/2	183.40	1/2		1/2		1/2	
3/4	2,347.20	3/4	1,980.36	3/4	1,613.53	3/4	1,246.69	3/4	881.46	3/4	515.40	3/4	176.89	3/4		3/4		3/4	
3	2,339.56	3	1,972.72	3	1,605.89	3	1,239.05	3	873.87	3	507.81	3	170.38	3		3		3	
1/4	2,331.92	1/4	1,965.08	1/4	1,598.24	1/4	1,231.41	1/4	866.28	1/4	500.23	1/4	163.87	1/4		1/4		1/4	
1/2	2,324.27	1/2	1,957.44	1/2	1,590.60	1/2	1,223.77	1/2	858.68	1/2	492.72	1/2	157.46	1/2		1/2		1/2	
3/4	2,316.63	3/4	1,949.80	3/4	1,582.96	3/4	1,216.12	3/4	851.09	3/4	485.21	3/4	151.04	3/4		3/4		3/4	
4	2,308.99	4	1,942.15	4	1,575.32	4	1,208.48	4	843.50	4	477.71	4	144.63	4		4		4	
1/4	2,301.35	1/4	1,934.51	1/4	1,567.68	1/4	1,200.84	1/4	835.91	1/4	470.20	1/4	138.21	1/4		1/4		1/4	
1/2	2,293.70	1/2	1,926.87	1/2	1,560.03	1/2	1,193.20	1/2	828.32	1/2	462.79	1/2	131.89	1/2		1/2		1/2	
3/4	2,286.06	3/4	1,919.23	3/4	1,552.39	3/4	1,185.56	3/4	820.73	3/4	455.37	3/4	125.58	3/4		3/4		3/4	
5	2,278.42	5	1,911.58	5	1,544.75	5	1,177.91	5	813.13	5	447.96	5	119.26	5		5		5	
1/4	2,270.78	1/4	1,903.94	1/4	1,537.11	1/4	1,170.27	1/4	805.54	1/4	440.54	1/4	112.94	1/4		1/4		1/4	
1/2	2,263.13	1/2	1,896.30	1/2	1,529.46	1/2	1,162.64	1/2	797.93	1/2	433.22	1/2	106.72	1/2		1/2		1/2	
3/4	2,255.49	3/4	1,888.66	3/4	1,521.82	3/4	1,155.01	3/4	790.31	3/4	425.89	3/4	100.50	3/4		3/4		3/4	
6	2,247.85	6	1,881.01	6	1,514.18	6	1,147.39	6	782.69	6	418.57	6	94.28	6		6		6	
1/4	2,240.21	1/4	1,873.37	1/4	1,506.54	1/4	1,139.76	1/4	775.07	1/4	411.24	1/4	88.07	1/4		1/4		1/4	
1/2	2,232.56	1/2	1,865.73	1/2	1,498.89	1/2	1,132.15	1/2	767.43	1/2	404.01	1/2	81.95	1/2		1/2		1/2	
3/4	2,224.92	3/4	1,858.09	3/4	1,491.25	3/4	1,124.53	3/4	759.79	3/4	396.77	3/4	75.84	3/4		3/4		3/4	
7	2,217.28	7	1,850.44	7	1,483.61	7	1,116.92	7	752.15	7	389.54	7	69.73	7		7		7	
1/4	2,209.64	1/4	1,842.80	1/4	1,475.97	1/4	1,109.31	1/4	744.51	1/4	382.30	1/4	63.62	1/4		1/4		1/4	
1/2	2,201.99	1/2	1,835.16	1/2	1,468.32	1/2	1,101.70	1/2	736.86	1/2	375.16	1/2	58.08	1/2		1/2		1/2	
3/4	2,194.35	3/4	1,827.52	3/4	1,460.68	3/4	1,094.10	3/4	729.22	3/4	368.02	3/4	52.53	3/4		3/4		3/4	
8	2,186.71	8	1,819.87	8	1,453.04	8	1,086.49	8	721.58	8	360.87	8	46.98	8		8		8	
1/4	2,179.07	1/4	1,812.23	1/4	1,445.40	1/4	1,078.88	1/4	713.94	1/4	353.73	1/4	41.43	1/4		1/4		1/4	
1/2	2,171.42	1/2	1,804.59	1/2	1,437.75	1/2	1,071.29	1/2	706.29	1/2	346.68	1/2	36.95	1/2		1/2		1/2	
3/4	2,163.78	3/4	1,796.95	3/4	1,430.11	3/4	1,063.69	3/4	698.65	3/4	339.63	3/4	32.46	3/4		3/4		3/4	
9	2,156.14	9	1,789.30	9	1,422.47	9	1,056.09	9	691.01	9	332.57	9	27.97	9		9		9	
1/4	2,148.50	1/4	1,781.66	1/4	1,414.83	1/4	1,048.49	1/4	683.37	1/4	325.52	1/4	23.49	1/4		1/4		1/4	
1/2	2,140.86	1/2	1,774.02	1/2	1,407.18	1/2	1,040.89	1/2	675.73	1/2	318.56	1/2		1/2		1/2		1/2	
3/4	2,133.21	3/4	1,766.38	3/4	1,399.54	3/4	1,033.30	3/4	668.08	3/4	311.60	3/4		3/4		3/4		3/4	
10	2,125.57	10	1,758.74	10	1,391.90	10	1,025.70	10	660.44	10	304.63	10		10		10		10	
1/4	2,117.93	1/4	1,751.09	1/4	1,384.26	1/4	1,018.11	1/4	652.80	1/4	297.67	1/4		1/4		1/4		1/4	
1/2	2,110.29	1/2	1,743.45	1/2	1,376.62	1/2	1,010.52	1/2	645.16	1/2	290.80	1/2		1/2		1/2		1/2	
3/4	2,102.64	3/4	1,735.81	3/4	1,368.97	3/4	1,002.92	3/4	637.52	3/4	283.93	3/4		3/4		3/4		3/4	
11	2,095.00	11	1,728.17	11	1,361.33	11	995.33	11	629.87	11	277.06	11		11		11		11	
1/4	2,087.36	1/4	1,720.52	1/4	1,353.69	1/4	987.74	1/4	622.23	1/4	270.19	1/4		1/4		1/4		1/4	
1/2	2,079.72	1/2	1,712.88	1/2	1,346.05	1/2	980.15	1/2	614.59	1/2	263.41	1/2		1/2		1/2		1/2	
3/4	2,072.07	3/4	1,705.24	3/4	1,338.40	3/4	972.56	3/4	606.95	3/4	256.62	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29043"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	4,944.37	0	4,616.11	0	4,267.14	0	3,902.06	0	3,535.94	0	3,169.81	0	2,803.59	
1/4	1/4	1/4	1/4	1/4	1/4	4,937.28	1/4	4,609.06	1/4	4,259.64	1/4	3,894.43	1/4	3,528.31	1/4	3,162.19	1/4	2,795.96	
1/2	1/2	1/2	1/2	1/2	1/2	4,930.19	1/2	4,602.00	1/2	4,252.15	1/2	3,886.81	1/2	3,520.68	1/2	3,154.56	1/2	2,788.33	
3/4	3/4	3/4	3/4	3/4	3/4	4,923.56	3/4	4,594.91	3/4	4,244.62	3/4	3,879.18	3/4	3,513.05	3/4	3,146.93	3/4	2,780.70	
1	1	1	1	1	1	4,916.92	1	4,587.82	1	4,237.09	1	3,871.55	1	3,505.43	1	3,139.30	1	2,773.07	
1/4	1/4	1/4	1/4	1/4	1/4	4,910.29	1/4	4,580.74	1/4	4,229.56	1/4	3,863.92	1/4	3,497.80	1/4	3,131.67	1/4	2,765.43	
1/2	1/2	1/2	1/2	1/2	1/2	4,903.66	1/2	4,573.65	1/2	4,222.03	1/2	3,856.30	1/2	3,490.17	1/2	3,124.05	1/2	2,757.80	
3/4	3/4	3/4	3/4	3/4	3/4	4,897.00	3/4	4,566.53	3/4	4,214.46	3/4	3,848.67	3/4	3,482.54	3/4	3,116.42	3/4	2,750.17	
2	2	2	2	2	2	4,890.33	2	4,559.40	2	4,206.90	2	3,841.04	2	3,474.92	2	3,108.79	2	2,742.54	
1/4	1/4	1/4	1/4	1/4	1/4	4,883.67	1/4	4,552.28	1/4	4,199.33	1/4	3,833.41	1/4	3,467.29	1/4	3,101.16	1/4	2,734.91	
1/2	1/2	1/2	1/2	1/2	1/2	4,877.00	1/2	4,545.16	1/2	4,191.77	1/2	3,825.79	1/2	3,459.66	1/2	3,093.54	1/2	2,727.28	
3/4	3/4	3/4	3/4	3/4	3/4	4,870.30	3/4	4,538.00	3/4	4,184.17	3/4	3,818.16	3/4	3,452.03	3/4	3,085.91	3/4	2,719.64	
3	3	3	3	3	3	4,863.60	3	4,530.85	3	4,176.57	3	3,810.53	3	3,444.41	3	3,078.28	3	2,712.01	
1/4	1/4	1/4	1/4	1/4	1/4	4,856.90	1/4	4,523.69	1/4	4,168.97	1/4	3,802.90	1/4	3,436.78	1/4	3,070.65	1/4	2,704.38	
1/2	1/2	1/2	1/2	1/2	1/2	4,850.20	1/2	4,516.53	1/2	4,161.37	1/2	3,795.28	1/2	3,429.15	1/2	3,063.03	1/2	2,696.75	
3/4	3/4	3/4	3/4	3/4	3/4	4,843.47	3/4	4,509.35	3/4	4,153.75	3/4	3,787.65	3/4	3,421.52	3/4	3,055.40	3/4	2,689.12	
4	4	4	4	4	4	4,836.73	4	4,502.16	4	4,146.13	4	3,780.02	4	3,413.90	4	3,047.77	4	2,681.49	
1/4	1/4	1/4	1/4	1/4	1/4	4,829.99	1/4	4,494.97	1/4	4,138.51	1/4	3,772.39	1/4	3,406.27	1/4	3,040.14	1/4	2,673.85	
1/2	1/2	1/2	1/2	1/2	1/2	4,823.25	1/2	4,487.78	1/2	4,130.89	1/2	3,764.77	1/2	3,398.64	1/2	3,032.52	1/2	2,666.22	
3/4	3/4	3/4	3/4	3/4	3/4	4,816.48	3/4	4,480.55	3/4	4,123.26	3/4	3,757.14	3/4	3,391.01	3/4	3,024.89	3/4	2,658.59	
5	5	5	5	5	5	4,809.71	5	4,473.33	5	4,115.64	5	3,749.51	5	3,383.39	5	3,017.26	5	2,650.96	
1/4	1/4	1/4	1/4	1/4	1/4	4,802.94	1/4	4,466.11	1/4	4,108.01	1/4	3,741.88	1/4	3,375.76	1/4	3,009.63	1/4	2,643.33	
1/2	1/2	1/2	1/2	1/2	1/2	4,796.17	1/2	4,458.88	1/2	4,100.38	1/2	3,734.26	1/2	3,368.13	1/2	3,002.01	1/2	2,635.70	
3/4	3/4	3/4	3/4	3/4	3/4	4,789.36	3/4	4,451.62	3/4	4,092.75	3/4	3,726.63	3/4	3,360.50	3/4	2,994.38	3/4	2,628.07	
6	6	6	6	6	6	4,782.56	6	4,444.36	6	4,085.12	6	3,719.00	6	3,352.88	6	2,986.75	6	2,620.43	
1/4	1/4	1/4	1/4	1/4	1/4	4,775.75	1/4	4,437.10	1/4	4,077.50	1/4	3,711.37	1/4	3,345.25	1/4	2,979.12	1/4	2,612.80	
1/2	1/2	1/2	1/2	1/2	1/2	4,768.95	1/2	4,429.84	1/2	4,069.87	1/2	3,703.74	1/2	3,337.62	1/2	2,971.49	1/2	2,605.17	
3/4	3/4	3/4	3/4	3/4	3/4	4,762.11	3/4	4,422.53	3/4	4,062.24	3/4	3,696.12	3/4	3,329.99	3/4	2,963.86	3/4	2,597.54	
7	7	7	7	7	5,090.24	7	4,755.27	7	4,415.22	7	4,054.61	7	3,688.49	7	3,322.36	7	2,956.22	7	2,589.91
1/4	1/4	1/4	1/4	1/4	5,084.20	1/4	4,748.43	1/4	4,407.91	1/4	4,046.99	1/4	3,680.86	1/4	3,314.74	1/4	2,948.59	1/4	2,582.28
1/2	1/2	1/2	1/2	1/2	5,078.15	1/2	4,741.59	1/2	4,400.60	1/2	4,039.36	1/2	3,673.23	1/2	3,307.11	1/2	2,940.96	1/2	2,574.64
3/4	3/4	3/4	3/4	3/4	5,070.97	3/4	4,734.70	3/4	4,393.24	3/4	4,031.73	3/4	3,665.61	3/4	3,299.48	3/4	2,933.33	3/4	2,567.01
8	8	8	8	8	5,063.78	8	4,727.81	8	4,385.89	8	4,024.10	8	3,657.98	8	3,291.85	8	2,925.70	8	2,559.38
1/4	1/4	1/4	1/4	1/4	5,056.59	1/4	4,720.92	1/4	4,378.54	1/4	4,016.48	1/4	3,650.35	1/4	3,284.23	1/4	2,918.07	1/4	2,551.75
1/2	1/2	1/2	1/2	1/2	5,049.40	1/2	4,714.02	1/2	4,371.18	1/2	4,008.85	1/2	3,642.72	1/2	3,276.60	1/2	2,910.43	1/2	2,544.12
3/4	3/4	3/4	3/4	3/4	5,041.83	3/4	4,707.08	3/4	4,363.79	3/4	4,001.22	3/4	3,635.10	3/4	3,268.97	3/4	2,902.80	3/4	2,536.49
9	9	9	9	9	5,034.26	9	4,700.13	9	4,356.40	9	3,993.59	9	3,627.47	9	3,261.34	9	2,895.17	9	2,528.85
1/4	1/4	1/4	1/4	1/4	5,026.69	1/4	4,693.19	1/4	4,349.02	1/4	3,985.97	1/4	3,619.84	1/4	3,253.72	1/4	2,887.54	1/4	2,521.22
1/2	1/2	1/2	1/2	1/2	5,019.12	1/2	4,686.24	1/2	4,341.63	1/2	3,978.34	1/2	3,612.21	1/2	3,246.09	1/2	2,879.91	1/2	2,513.59
3/4	3/4	3/4	3/4	3/4	5,011.55	3/4	4,679.26	3/4	4,334.21	3/4	3,970.71	3/4	3,604.59	3/4	3,238.46	3/4	2,872.28	3/4	2,505.96
10	10	10	10	10	5,003.98	10	4,672.28	10	4,326.79	10	3,963.08	10	3,596.96	10	3,230.83	10	2,864.64	10	2,498.33
1/4	1/4	1/4	1/4	1/4	4,996.41	1/4	4,665.29	1/4	4,319.36	1/4	3,955.46	1/4	3,589.33	1/4	3,223.21	1/4	2,857.01	1/4	2,490.70
1/2	1/2	1/2	1/2	1/2	4,988.84	1/2	4,658.31	1/2	4,311.94	1/2	3,947.83	1/2	3,581.70	1/2	3,215.58	1/2	2,849.38	1/2	2,483.06
3/4	3/4	3/4	3/4	3/4	4,981.27	3/4	4,651.29	3/4	4,304.49	3/4	3,940.20	3/4	3,574.08	3/4	3,207.95	3/4	2,841.75	3/4	2,475.43
11	11	11	11	11	4,973.70	11	4,644.27	11	4,297.03	11	3,932.57	11	3,566.45	11	3,200.32	11	2,834.12	11	2,467.80
1/4	1/4	1/4	1/4	1/4	4,966.13	1/4	4,637.24	1/4	4,289.58	1/4	3,924.95	1/4	3,558.82	1/4	3,192.70	1/4	2,826.49	1/4	2,460.17
1/2	1/2	1/2	1/2	1/2	4,958.56	1/2	4,630.22	1/2	4,282.12	1/2	3,917.32	1/2	3,551.19	1/2	3,185.07	1/2	2,818.86	1/2	2,452.54
3/4	3/4	3/4	3/4	3/4	4,951.47	3/4	4,623.17	3/4	4,274.63	3/4	3,909.69	3/4	3,543.57	3/4	3,177.44	3/4	2,811.22	3/4	2,444.91

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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





BARGE "KIRBY 29043"

1 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

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	2,437.28	0	2,070.96	0	1,704.64	0	1,338.32	0	972.17	0	606.19	0	256.45	0		0			
1/4	2,429.64	1/4	2,063.33	1/4	1,697.01	1/4	1,330.69	1/4	964.55	1/4	598.56	1/4	249.68	1/4		1/4		1/4	
1/2	2,422.01	1/2	2,055.70	1/2	1,689.38	1/2	1,323.06	1/2	956.93	1/2	590.93	1/2	242.91	1/2		1/2		1/2	
3/4	2,414.38	3/4	2,048.06	3/4	1,681.75	3/4	1,315.43	3/4	949.32	3/4	583.30	3/4	236.23	3/4		3/4		3/4	
1	2,406.75	1	2,040.43	1	1,674.12	1	1,307.80	1	941.70	1	575.67	1	229.55	1		1		1	
1/4	2,399.12	1/4	2,032.80	1/4	1,666.48	1/4	1,300.17	1/4	934.08	1/4	568.05	1/4	222.87	1/4		1/4		1/4	
1/2	2,391.49	1/2	2,025.17	1/2	1,658.85	1/2	1,292.54	1/2	926.46	1/2	560.42	1/2	216.19	1/2		1/2		1/2	
3/4	2,383.85	3/4	2,017.54	3/4	1,651.22	3/4	1,284.90	3/4	918.85	3/4	552.81	3/4	209.60	3/4		3/4		3/4	
2	2,376.22	2	2,009.91	2	1,643.59	2	1,277.27	2	911.23	2	545.19	2	203.01	2		2		2	
1/4	2,368.59	1/4	2,002.27	1/4	1,635.96	1/4	1,269.64	1/4	903.61	1/4	537.58	1/4	196.42	1/4		1/4		1/4	
1/2	2,360.96	1/2	1,994.64	1/2	1,628.33	1/2	1,262.01	1/2	895.99	1/2	529.97	1/2	189.84	1/2		1/2		1/2	
3/4	2,353.33	3/4	1,987.01	3/4	1,620.69	3/4	1,254.38	3/4	888.38	3/4	522.40	3/4	183.34	3/4		3/4		3/4	
3	2,345.70	3	1,979.38	3	1,613.06	3	1,246.75	3	880.76	3	514.83	3	176.84	3		3		3	
1/4	2,338.06	1/4	1,971.75	1/4	1,605.43	1/4	1,239.11	1/4	873.14	1/4	507.26	1/4	170.34	1/4		1/4		1/4	
1/2	2,330.43	1/2	1,964.12	1/2	1,597.80	1/2	1,231.48	1/2	865.52	1/2	499.68	1/2	163.84	1/2		1/2		1/2	
3/4	2,322.80	3/4	1,956.48	3/4	1,590.17	3/4	1,223.85	3/4	857.90	3/4	492.19	3/4	157.44	3/4		3/4		3/4	
4	2,315.17	4	1,948.85	4	1,582.54	4	1,216.22	4	850.29	4	484.69	4	151.03	4		4		4	
1/4	2,307.54	1/4	1,941.22	1/4	1,574.90	1/4	1,208.59	1/4	842.67	1/4	477.20	1/4	144.62	1/4		1/4		1/4	
1/2	2,299.91	1/2	1,933.59	1/2	1,567.27	1/2	1,200.96	1/2	835.05	1/2	469.70	1/2	138.22	1/2		1/2		1/2	
3/4	2,292.27	3/4	1,925.96	3/4	1,559.64	3/4	1,193.32	3/4	827.43	3/4	462.30	3/4	131.90	3/4		3/4		3/4	
5	2,284.64	5	1,918.33	5	1,552.01	5	1,185.69	5	819.82	5	454.89	5	125.58	5		5		5	
1/4	2,277.01	1/4	1,910.69	1/4	1,544.38	1/4	1,178.06	1/4	812.20	1/4	447.49	1/4	119.27	1/4		1/4		1/4	
1/2	2,269.38	1/2	1,903.06	1/2	1,536.75	1/2	1,170.43	1/2	804.58	1/2	440.08	1/2	112.95	1/2		1/2		1/2	
3/4	2,261.75	3/4	1,895.43	3/4	1,529.11	3/4	1,162.80	3/4	796.96	3/4	432.77	3/4	106.73	3/4		3/4		3/4	
6	2,254.12	6	1,887.80	6	1,521.48	6	1,155.17	6	789.33	6	425.46	6	100.51	6		6		6	
1/4	2,246.49	1/4	1,880.17	1/4	1,513.85	1/4	1,147.53	1/4	781.71	1/4	418.14	1/4	94.29	1/4		1/4		1/4	
1/2	2,238.85	1/2	1,872.54	1/2	1,506.22	1/2	1,139.90	1/2	774.08	1/2	410.83	1/2	88.07	1/2		1/2		1/2	
3/4	2,231.22	3/4	1,864.91	3/4	1,498.59	3/4	1,132.27	3/4	766.45	3/4	403.60	3/4	81.96	3/4		3/4		3/4	
7	2,223.59	7	1,857.27	7	1,490.96	7	1,124.64	7	758.82	7	396.38	7	75.85	7		7		7	
1/4	2,215.96	1/4	1,849.64	1/4	1,483.33	1/4	1,117.01	1/4	751.19	1/4	389.16	1/4	69.74	1/4		1/4		1/4	
1/2	2,208.33	1/2	1,842.01	1/2	1,475.69	1/2	1,109.38	1/2	743.56	1/2	381.93	1/2	63.63	1/2		1/2		1/2	
3/4	2,200.70	3/4	1,834.38	3/4	1,468.06	3/4	1,101.75	3/4	735.93	3/4	374.80	3/4	58.08	3/4		3/4		3/4	
8	2,193.06	8	1,826.75	8	1,460.43	8	1,094.12	8	728.29	8	367.67	8	52.53	8		8		8	
1/4	2,185.43	1/4	1,819.12	1/4	1,452.80	1/4	1,086.49	1/4	720.66	1/4	360.54	1/4	46.98	1/4		1/4		1/4	
1/2	2,177.80	1/2	1,811.48	1/2	1,445.17	1/2	1,078.86	1/2	713.03	1/2	353.40	1/2	41.44	1/2		1/2		1/2	
3/4	2,170.17	3/4	1,803.85	3/4	1,437.54	3/4	1,071.24	3/4	705.40	3/4	346.36	3/4	36.95	3/4		3/4		3/4	
9	2,162.54	9	1,796.22	9	1,429.90	9	1,063.61	9	697.77	9	339.32	9	32.46	9		9		9	
1/4	2,154.91	1/4	1,788.59	1/4	1,422.27	1/4	1,055.99	1/4	690.14	1/4	332.28	1/4	27.97	1/4		1/4		1/4	
1/2	2,147.27	1/2	1,780.96	1/2	1,414.64	1/2	1,048.36	1/2	682.51	1/2	325.23	1/2	23.49	1/2		1/2		1/2	
3/4	2,139.64	3/4	1,773.33	3/4	1,407.01	3/4	1,040.74	3/4	674.87	3/4	318.28	3/4		3/4		3/4		3/4	
10	2,132.01	10	1,765.69	10	1,399.38	10	1,033.12	10	667.24	10	311.33	10		10		10		10	
1/4	2,124.38	1/4	1,758.06	1/4	1,391.75	1/4	1,025.50	1/4	659.61	1/4	304.38	1/4		1/4		1/4		1/4	
1/2	2,116.75	1/2	1,750.43	1/2	1,384.11	1/2	1,017.88	1/2	651.98	1/2	297.43	1/2		1/2		1/2		1/2	
3/4	2,109.12	3/4	1,742.80	3/4	1,376.48	3/4	1,010.26	3/4	644.35	3/4	290.57	3/4		3/4		3/4		3/4	
11	2,101.48	11	1,735.17	11	1,368.85	11	1,002.64	11	636.72	11	283.71	11		11		11		11	
1/4	2,093.85	1/4	1,727.54	1/4	1,361.22	1/4	995.02	1/4	629.09	1/4	276.85	1/4		1/4		1/4		1/4	
1/2	2,086.22	1/2	1,719.90	1/2	1,353.59	1/2	987.41	1/2	621.45	1/2	269.99	1/2		1/2		1/2		1/2	
3/4	2,078.59	3/4	1,712.27	3/4	1,345.96	3/4	979.79	3/4	613.82	3/4	263.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29043"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41' 06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29043"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,345.99	0	2,002.08	0	1,658.18	0	1,314.27	0	977.12	0	640.81	0	296.92	0		0		0	
1/4	2,338.82	1/4	1,994.92	1/4	1,651.01	1/4	1,307.11	1/4	970.26	1/4	633.65	1/4	289.75	1/4		1/4		1/4	
1/2	2,331.66	1/2	1,987.75	1/2	1,643.85	1/2	1,299.94	1/2	963.40	1/2	626.48	1/2	282.59	1/2		1/2		1/2	
3/4	2,324.50	3/4	1,980.59	3/4	1,636.68	3/4	1,292.78	3/4	956.54	3/4	619.32	3/4	275.43	3/4		3/4		3/4	
1	2,317.33	1	1,973.42	1	1,629.52	1	1,285.61	1	949.68	1	612.15	1	268.26	1		1		1	
1/4	2,310.17	1/4	1,966.26	1/4	1,622.35	1/4	1,278.45	1/4	942.82	1/4	604.99	1/4	261.10	1/4		1/4		1/4	
1/2	2,303.00	1/2	1,959.10	1/2	1,615.19	1/2	1,271.28	1/2	935.96	1/2	597.82	1/2	253.93	1/2		1/2		1/2	
3/4	2,295.84	3/4	1,951.93	3/4	1,608.03	3/4	1,264.12	3/4	929.10	3/4	590.66	3/4	246.77	3/4		3/4		3/4	
2	2,288.67	2	1,944.77	2	1,600.86	2	1,256.95	2	922.24	2	583.49	2	239.60	2		2		2	
1/4	2,281.51	1/4	1,937.60	1/4	1,593.70	1/4	1,249.79	1/4	915.37	1/4	576.33	1/4	232.44	1/4		1/4		1/4	
1/2	2,274.34	1/2	1,930.44	1/2	1,586.53	1/2	1,242.63	1/2	908.51	1/2	569.17	1/2	225.27	1/2		1/2		1/2	
3/4	2,267.18	3/4	1,923.27	3/4	1,579.37	3/4	1,235.46	3/4	901.65	3/4	562.00	3/4	218.11	3/4		3/4		3/4	
3	2,260.01	3	1,916.11	3	1,572.20	3	1,228.30	3	894.79	3	554.84	3	210.95	3		3		3	
1/4	2,252.85	1/4	1,908.94	1/4	1,565.04	1/4	1,221.13	1/4	887.93	1/4	547.67	1/4	203.78	1/4		1/4		1/4	
1/2	2,245.68	1/2	1,901.78	1/2	1,557.87	1/2	1,213.97	1/2	881.07	1/2	540.51	1/2	196.62	1/2		1/2		1/2	
3/4	2,238.52	3/4	1,894.61	3/4	1,550.71	3/4	1,206.80	3/4	874.21	3/4	533.34	3/4	189.45	3/4		3/4		3/4	
4	2,231.35	4	1,887.45	4	1,543.54	4	1,199.64	4	867.35	4	526.18	4	182.29	4		4		4	
1/4	2,224.19	1/4	1,880.28	1/4	1,536.38	1/4	1,192.47	1/4	860.49	1/4	519.01	1/4	175.12	1/4		1/4		1/4	
1/2	2,217.02	1/2	1,873.12	1/2	1,529.21	1/2	1,185.31	1/2	853.62	1/2	511.85	1/2	167.96	1/2		1/2		1/2	
3/4	2,209.86	3/4	1,865.95	3/4	1,522.05	3/4	1,178.14	3/4	846.76	3/4	504.69	3/4	160.79	3/4		3/4		3/4	
5	2,202.70	5	1,858.79	5	1,514.88	5	1,170.98	5	839.90	5	497.52	5	153.63	5		5		5	
1/4	2,195.53	1/4	1,851.63	1/4	1,507.72	1/4	1,163.81	1/4	833.04	1/4	490.36	1/4	146.47	1/4		1/4		1/4	
1/2	2,188.37	1/2	1,844.46	1/2	1,500.55	1/2	1,156.65	1/2	826.18	1/2	483.19	1/2	139.30	1/2		1/2		1/2	
3/4	2,181.20	3/4	1,837.30	3/4	1,493.39	3/4	1,149.48	3/4	819.32	3/4	476.03	3/4	132.14	3/4		3/4		3/4	
6	2,174.04	6	1,830.13	6	1,486.23	6	1,142.46	6	812.30	6	468.86	6	124.98	6		6		6	
1/4	2,166.87	1/4	1,822.97	1/4	1,479.06	1/4	1,135.44	1/4	805.29	1/4	461.70	1/4	117.82	1/4		1/4		1/4	
1/2	2,159.71	1/2	1,815.80	1/2	1,471.90	1/2	1,128.41	1/2	798.28	1/2	454.54	1/2	110.66	1/2		1/2		1/2	
3/4	2,152.54	3/4	1,808.64	3/4	1,464.73	3/4	1,121.39	3/4	791.26	3/4	447.37	3/4	103.50	3/4		3/4		3/4	
7	2,145.38	7	1,801.47	7	1,457.57	7	1,114.51	7	784.10	7	440.21	7	96.36	7		7		7	
1/4	2,138.21	1/4	1,794.31	1/4	1,450.40	1/4	1,107.63	1/4	776.93	1/4	433.04	1/4	89.22	1/4		1/4		1/4	
1/2	2,131.05	1/2	1,787.14	1/2	1,443.24	1/2	1,100.74	1/2	769.77	1/2	425.88	1/2	82.08	1/2		1/2		1/2	
3/4	2,123.88	3/4	1,779.98	3/4	1,436.07	3/4	1,093.86	3/4	762.60	3/4	418.71	3/4	74.94	3/4		3/4		3/4	
8	2,116.72	8	1,772.81	8	1,428.91	8	1,086.99	8	755.44	8	411.55	8	68.24	8		8		8	
1/4	2,109.55	1/4	1,765.65	1/4	1,421.74	1/4	1,080.11	1/4	748.28	1/4	404.38	1/4	61.54	1/4		1/4		1/4	
1/2	2,102.39	1/2	1,758.48	1/2	1,414.58	1/2	1,073.24	1/2	741.11	1/2	397.22	1/2	54.84	1/2		1/2		1/2	
3/4	2,095.22	3/4	1,751.32	3/4	1,407.41	3/4	1,066.36	3/4	733.95	3/4	390.06	3/4	48.14	3/4		3/4		3/4	
9	2,088.06	9	1,744.15	9	1,400.25	9	1,059.49	9	726.78	9	382.89	9	42.77	9		9		9	
1/4	2,080.90	1/4	1,736.99	1/4	1,393.08	1/4	1,052.62	1/4	719.62	1/4	375.73	1/4	37.40	1/4		1/4		1/4	
1/2	2,073.73	1/2	1,729.83	1/2	1,385.92	1/2	1,045.76	1/2	712.45	1/2	368.56	1/2	32.02	1/2		1/2		1/2	
3/4	2,066.57	3/4	1,722.66	3/4	1,378.75	3/4	1,038.89	3/4	705.29	3/4	361.40	3/4	26.65	3/4		3/4		3/4	
10	2,059.40	10	1,715.50	10	1,371.59	10	1,032.02	10	698.12	10	354.23	10		10		10		10	
1/4	2,052.24	1/4	1,708.33	1/4	1,364.43	1/4	1,025.16	1/4	690.96	1/4	347.07	1/4		1/4		1/4		1/4	
1/2	2,045.07	1/2	1,701.17	1/2	1,357.26	1/2	1,018.29	1/2	683.80	1/2	339.90	1/2		1/2		1/2		1/2	
3/4	2,037.91	3/4	1,694.00	3/4	1,350.10	3/4	1,011.43	3/4	676.63	3/4	332.74	3/4		3/4		3/4		3/4	
11	2,030.74	11	1,686.84	11	1,342.93	11	1,004.57	11	669.47	11	325.58	11		11		11		11	
1/4	2,023.58	1/4	1,679.67	1/4	1,335.77	1/4	997.71	1/4	662.30	1/4	318.41	1/4		1/4		1/4		1/4	
1/2	2,016.41	1/2	1,672.51	1/2	1,328.60	1/2	990.85	1/2	655.14	1/2	311.25	1/2		1/2		1/2		1/2	
3/4	2,009.25	3/4	1,665.34	3/4	1,321.44	3/4	983.99	3/4	647.97	3/4	304.08	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29043"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,356.88	0	2,012.97	0	1,669.07	0	1,325.16	0	981.39	0	637.81	0	293.92	0		0			
1/4	2,349.71	1/4	2,005.81	1/4	1,661.90	1/4	1,318.00	1/4	974.24	1/4	630.65	1/4	286.75	1/4		1/4			
1/2	2,342.55	1/2	1,998.64	1/2	1,654.74	1/2	1,310.83	1/2	967.09	1/2	623.48	1/2	279.59	1/2		1/2			
3/4	2,335.39	3/4	1,991.48	3/4	1,647.57	3/4	1,303.67	3/4	959.94	3/4	616.32	3/4	272.43	3/4		3/4			
1	2,328.22	1	1,984.32	1	1,640.41	1	1,296.50	1	952.79	1	609.15	1	265.26	1		1			
1/4	2,321.06	1/4	1,977.15	1/4	1,633.24	1/4	1,289.34	1/4	945.63	1/4	601.99	1/4	258.10	1/4		1/4			
1/2	2,313.89	1/2	1,969.99	1/2	1,626.08	1/2	1,282.17	1/2	938.48	1/2	594.82	1/2	250.93	1/2		1/2			
3/4	2,306.73	3/4	1,962.82	3/4	1,618.92	3/4	1,275.01	3/4	931.33	3/4	587.66	3/4	243.77	3/4		3/4			
2	2,299.56	2	1,955.66	2	1,611.75	2	1,267.85	2	924.18	2	580.50	2	236.60	2		2			
1/4	2,292.40	1/4	1,948.49	1/4	1,604.59	1/4	1,260.68	1/4	917.03	1/4	573.33	1/4	229.44	1/4		1/4			
1/2	2,285.23	1/2	1,941.33	1/2	1,597.42	1/2	1,253.52	1/2	909.87	1/2	566.17	1/2	222.28	1/2		1/2			
3/4	2,278.07	3/4	1,934.16	3/4	1,590.26	3/4	1,246.35	3/4	902.72	3/4	559.00	3/4	215.11	3/4		3/4			
3	2,270.90	3	1,927.00	3	1,583.09	3	1,239.19	3	895.57	3	551.84	3	207.95	3		3			
1/4	2,263.74	1/4	1,919.83	1/4	1,575.93	1/4	1,232.02	1/4	888.42	1/4	544.67	1/4	200.78	1/4		1/4			
1/2	2,256.57	1/2	1,912.67	1/2	1,568.76	1/2	1,224.86	1/2	881.27	1/2	537.51	1/2	193.62	1/2		1/2			
3/4	2,249.41	3/4	1,905.50	3/4	1,561.60	3/4	1,217.69	3/4	874.12	3/4	530.34	3/4	186.45	3/4		3/4			
4	2,242.24	4	1,898.34	4	1,554.43	4	1,210.53	4	866.96	4	523.18	4	179.29	4		4			
1/4	2,235.08	1/4	1,891.17	1/4	1,547.27	1/4	1,203.36	1/4	859.81	1/4	516.02	1/4	172.12	1/4		1/4			
1/2	2,227.91	1/2	1,884.01	1/2	1,540.10	1/2	1,196.20	1/2	852.66	1/2	508.85	1/2	164.96	1/2		1/2			
3/4	2,220.75	3/4	1,876.84	3/4	1,532.94	3/4	1,189.03	3/4	845.51	3/4	501.69	3/4	157.80	3/4		3/4			
5	2,213.59	5	1,869.68	5	1,525.77	5	1,181.87	5	838.36	5	494.52	5	150.63	5		5			
1/4	2,206.42	1/4	1,862.52	1/4	1,518.61	1/4	1,174.70	1/4	831.21	1/4	487.36	1/4	143.47	1/4		1/4			
1/2	2,199.26	1/2	1,855.35	1/2	1,511.44	1/2	1,167.54	1/2	824.05	1/2	480.19	1/2	136.30	1/2		1/2			
3/4	2,192.09	3/4	1,848.19	3/4	1,504.28	3/4	1,160.37	3/4	816.90	3/4	473.03	3/4	129.14	3/4		3/4			
6	2,184.93	6	1,841.02	6	1,497.12	6	1,153.21	6	809.74	6	465.86	6	121.98	6		6			
1/4	2,177.76	1/4	1,833.86	1/4	1,489.95	1/4	1,146.05	1/4	802.58	1/4	458.70	1/4	114.82	1/4		1/4			
1/2	2,170.60	1/2	1,826.69	1/2	1,482.79	1/2	1,138.88	1/2	795.42	1/2	451.54	1/2	107.66	1/2		1/2			
3/4	2,163.43	3/4	1,819.53	3/4	1,475.62	3/4	1,131.72	3/4	788.26	3/4	444.37	3/4	100.51	3/4		3/4			
7	2,156.27	7	1,812.36	7	1,468.46	7	1,124.55	7	781.10	7	437.21	7	93.36	7		7			
1/4	2,149.10	1/4	1,805.20	1/4	1,461.29	1/4	1,117.39	1/4	773.93	1/4	430.04	1/4	86.22	1/4		1/4			
1/2	2,141.94	1/2	1,798.03	1/2	1,454.13	1/2	1,110.22	1/2	766.77	1/2	422.88	1/2	79.08	1/2		1/2			
3/4	2,134.77	3/4	1,790.87	3/4	1,446.96	3/4	1,103.06	3/4	759.61	3/4	415.71	3/4	71.94	3/4		3/4			
8	2,127.61	8	1,783.70	8	1,439.80	8	1,095.90	8	752.44	8	408.55	8	65.24	8		8			
1/4	2,120.44	1/4	1,776.54	1/4	1,432.63	1/4	1,088.73	1/4	745.28	1/4	401.39	1/4	58.54	1/4		1/4			
1/2	2,113.28	1/2	1,769.37	1/2	1,425.47	1/2	1,081.57	1/2	738.11	1/2	394.22	1/2	51.84	1/2		1/2			
3/4	2,106.12	3/4	1,762.21	3/4	1,418.30	3/4	1,074.41	3/4	730.95	3/4	387.06	3/4	45.14	3/4		3/4			
9	2,098.95	9	1,755.04	9	1,411.14	9	1,067.25	9	723.78	9	379.89	9	39.77	9		9			
1/4	2,091.79	1/4	1,747.88	1/4	1,403.97	1/4	1,060.09	1/4	716.62	1/4	372.73	1/4	34.40	1/4		1/4			
1/2	2,084.62	1/2	1,740.72	1/2	1,396.81	1/2	1,052.93	1/2	709.45	1/2	365.56	1/2	29.02	1/2		1/2			
3/4	2,077.46	3/4	1,733.55	3/4	1,389.65	3/4	1,045.77	3/4	702.29	3/4	358.40	3/4	23.65	3/4		3/4			
10	2,070.29	10	1,726.39	10	1,382.48	10	1,038.62	10	695.13	10	351.23	10		10		10			
1/4	2,063.13	1/4	1,719.22	1/4	1,375.32	1/4	1,031.46	1/4	687.96	1/4	344.07	1/4		1/4		1/4			
1/2	2,055.96	1/2	1,712.06	1/2	1,368.15	1/2	1,024.31	1/2	680.80	1/2	336.91	1/2		1/2		1/2			
3/4	2,048.80	3/4	1,704.89	3/4	1,360.99	3/4	1,017.15	3/4	673.63	3/4	329.74	3/4		3/4		3/4			
11	2,041.63	11	1,697.73	11	1,353.82	11	1,010.00	11	666.47	11	322.58	11		11		11			
1/4	2,034.47	1/4	1,690.56	1/4	1,346.66	1/4	1,002.85	1/4	659.30	1/4	315.41	1/4		1/4		1/4			
1/2	2,027.30	1/2	1,683.40	1/2	1,339.49	1/2	995.70	1/2	652.14	1/2	308.25	1/2		1/2		1/2			
3/4	2,020.14	3/4	1,676.23	3/4	1,332.33	3/4	988.54	3/4	644.97	3/4	301.08	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29043"

3 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-09 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	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	4,555.18	1/4	4,329.37	1/4	4,089.32	1/4	3,838.20	1/4	3,563.15	1/4	3,200.30	1/4	2,836.73
1/2		1/2		1/2		1/2	4,550.30	1/2	4,324.52	1/2	4,084.16	1/2	3,832.96	1/2	3,555.59	1/2	3,192.72	1/2	2,829.15
3/4		3/4		3/4		3/4	4,545.42	3/4	4,319.66	3/4	4,079.01	3/4	3,827.71	3/4	3,548.03	3/4	3,185.15	3/4	2,821.58
1	1	1	1	1	1	1	4,540.86	1	4,314.79	1	4,073.83	1	3,822.46	1	3,540.48	1	3,177.58	1	2,814.00
1/4		1/4		1/4		1/4	4,536.30	1/4	4,309.91	1/4	4,068.65	1/4	3,817.22	1/4	3,532.93	1/4	3,170.00	1/4	2,806.43
1/2		1/2		1/2		1/2	4,531.74	1/2	4,305.04	1/2	4,063.47	1/2	3,811.97	1/2	3,525.37	1/2	3,162.43	1/2	2,798.85
3/4		3/4		3/4		3/4	4,527.17	3/4	4,300.16	3/4	4,058.29	3/4	3,806.72	3/4	3,517.82	3/4	3,154.86	3/4	2,791.28
2	2	2	2	2	2	2	4,522.59	2	4,295.26	2	4,053.08	2	3,801.48	2	3,510.27	2	3,147.28	2	2,783.70
1/4		1/4		1/4		1/4	4,518.01	1/4	4,290.36	1/4	4,047.88	1/4	3,796.23	1/4	3,502.72	1/4	3,139.71	1/4	2,776.12
1/2		1/2		1/2		1/2	4,513.42	1/2	4,285.46	1/2	4,042.68	1/2	3,790.98	1/2	3,495.16	1/2	3,132.14	1/2	2,768.55
3/4		3/4		3/4		3/4	4,508.84	3/4	4,280.56	3/4	4,037.47	3/4	3,785.74	3/4	3,487.61	3/4	3,124.57	3/4	2,760.97
3	3	3	3	3	3	3	4,504.23	3	4,275.64	3	4,032.25	3	3,780.49	3	3,480.06	3	3,116.99	3	2,753.40
1/4		1/4		1/4		1/4	4,499.62	1/4	4,270.72	1/4	4,027.02	1/4	3,775.24	1/4	3,472.51	1/4	3,109.42	1/4	2,745.82
1/2		1/2		1/2		1/2	4,495.01	1/2	4,265.79	1/2	4,021.80	1/2	3,770.00	1/2	3,464.96	1/2	3,101.85	1/2	2,738.25
3/4		3/4		3/4		3/4	4,490.40	3/4	4,260.87	3/4	4,016.57	3/4	3,764.75	3/4	3,457.40	3/4	3,094.27	3/4	2,730.67
4	4	4	4	4	4	4	4,485.77	4	4,255.93	4	4,011.33	4	3,759.50	4	3,449.85	4	3,086.70	4	2,723.09
1/4		1/4		1/4		1/4	4,481.13	1/4	4,250.98	1/4	4,006.09	1/4	3,754.26	1/4	3,442.30	1/4	3,079.13	1/4	2,715.52
1/2		1/2		1/2		1/2	4,476.50	1/2	4,246.03	1/2	4,000.85	1/2	3,749.01	1/2	3,434.75	1/2	3,071.55	1/2	2,707.94
3/4		3/4		3/4		3/4	4,471.86	3/4	4,241.09	3/4	3,995.61	3/4	3,743.76	3/4	3,427.19	3/4	3,063.98	3/4	2,700.37
5	5	5	5	5	5	5	4,467.21	5	4,236.12	5	3,990.36	5	3,738.52	5	3,419.64	5	3,056.41	5	2,692.79
1/4		1/4		1/4		1/4	4,462.55	1/4	4,231.15	1/4	3,985.11	1/4	3,733.27	1/4	3,412.09	1/4	3,048.84	1/4	2,685.22
1/2		1/2		1/2		1/2	4,457.89	1/2	4,226.18	1/2	3,979.87	1/2	3,728.02	1/2	3,404.54	1/2	3,041.26	1/2	2,677.64
3/4		3/4		3/4		3/4	4,453.23	3/4	4,221.21	3/4	3,974.62	3/4	3,722.78	3/4	3,396.98	3/4	3,033.69	3/4	2,670.06
6	6	6	6	6	6	6	4,448.55	6	4,216.22	6	3,969.37	6	3,717.53	6	3,389.43	6	3,026.12	6	2,662.49
1/4		1/4		1/4		1/4	4,443.87	1/4	4,211.22	1/4	3,964.13	1/4	3,712.28	1/4	3,381.88	1/4	3,018.54	1/4	2,654.91
1/2		1/2		1/2		1/2	4,439.19	1/2	4,206.23	1/2	3,958.88	1/2	3,707.04	1/2	3,374.33	1/2	3,010.97	1/2	2,647.33
3/4		3/4		3/4		3/4	4,434.51	3/4	4,201.23	3/4	3,953.63	3/4	3,701.79	3/4	3,366.78	3/4	3,003.40	3/4	2,639.75
7	7	7	7	7	7	7	4,429.80	7	4,196.20	7	3,948.39	7	3,696.54	7	3,359.22	7	2,995.82	7	2,632.16
1/4		1/4		1/4	4,654.11	1/4	4,425.10	1/4	4,191.18	1/4	3,943.14	1/4	3,691.30	1/4	3,351.67	1/4	2,988.24	1/4	2,624.58
1/2		1/2		1/2	4,650.42	1/2	4,420.39	1/2	4,186.15	1/2	3,937.89	1/2	3,686.05	1/2	3,344.12	1/2	2,980.67	1/2	2,617.00
3/4		3/4		3/4	4,646.74	3/4	4,415.69	3/4	4,181.12	3/4	3,932.65	3/4	3,680.80	3/4	3,336.57	3/4	2,973.09	3/4	2,609.42
8	8	8	8	8	8	8	4,641.91	8	4,410.95	8	4,176.06	8	3,927.40	8	3,675.56	8	3,329.00	8	2,965.52
1/4		1/4		1/4	4,637.08	1/4	4,406.21	1/4	4,171.00	1/4	3,922.15	1/4	3,670.31	1/4	3,321.44	1/4	2,957.94	1/4	2,594.25
1/2		1/2		1/2	4,632.26	1/2	4,401.47	1/2	4,165.94	1/2	3,916.91	1/2	3,665.06	1/2	3,313.88	1/2	2,950.37	1/2	2,586.67
3/4		3/4		3/4	4,627.43	3/4	4,396.73	3/4	4,160.88	3/4	3,911.66	3/4	3,659.82	3/4	3,306.32	3/4	2,942.79	3/4	2,579.08
9	9	9	9	9	9	9	4,622.22	9	4,391.95	9	4,155.80	9	3,906.41	9	3,653.98	9	3,298.74	9	2,935.21
1/4		1/4		1/4	4,617.01	1/4	4,387.17	1/4	4,150.72	1/4	3,901.17	1/4	3,648.15	1/4	3,291.17	1/4	2,927.64	1/4	2,563.92
1/2		1/2		1/2	4,611.81	1/2	4,382.39	1/2	4,145.64	1/2	3,895.92	1/2	3,642.32	1/2	3,283.60	1/2	2,920.06	1/2	2,556.34
3/4		3/4		3/4	4,606.60	3/4	4,377.61	3/4	4,140.56	3/4	3,890.67	3/4	3,636.48	3/4	3,276.03	3/4	2,912.49	3/4	2,548.75
10	10	10	10	10	10	10	4,601.39	10	4,372.81	10	4,135.45	10	3,885.43	10	3,629.49	10	3,268.45	10	2,904.91
1/4		1/4		1/4	4,596.18	1/4	4,368.01	1/4	4,130.35	1/4	3,880.18	1/4	3,622.50	1/4	3,260.88	1/4	2,897.34	1/4	2,533.63
1/2		1/2		1/2	4,590.98	1/2	4,363.20	1/2	4,125.24	1/2	3,874.93	1/2	3,615.51	1/2	3,253.31	1/2	2,889.76	1/2	2,526.06
3/4		3/4		3/4	4,585.77	3/4	4,358.40	3/4	4,120.14	3/4	3,869.69	3/4	3,608.52	3/4	3,245.73	3/4	2,882.18	3/4	2,518.50
11	11	11	11	11	11	11	4,580.56	11	4,353.57	11	4,115.01	11	3,864.44	11	3,600.95	11	3,238.16	11	2,874.61
1/4		1/4		1/4	4,575.35	1/4	4,348.74	1/4	4,109.88	1/4	3,859.19	1/4	3,593.39	1/4	3,230.59	1/4	2,867.03	1/4	2,503.41
1/2		1/2		1/2	4,570.15	1/2	4,343.91	1/2	4,104.75	1/2	3,853.95	1/2	3,585.82	1/2	3,223.01	1/2	2,859.46	1/2	2,495.86
3/4		3/4		3/4	4,564.94	3/4	4,339.08	3/4	4,099.63	3/4	3,848.70	3/4	3,578.26	3/4	3,215.44	3/4	2,851.88	3/4	2,488.32

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44' 00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29043"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,480.78	0	2,119.20	0	1,756.79	0	1,392.81	0	1,033.89	0	675.55	0	311.40	0		0		0	
1/4	2,473.23	1/4	2,111.68	1/4	1,749.21	1/4	1,385.22	1/4	1,026.54	1/4	667.97	1/4	303.81	1/4		1/4		1/4	
1/2	2,465.69	1/2	2,104.16	1/2	1,741.62	1/2	1,377.64	1/2	1,019.18	1/2	660.38	1/2	296.23	1/2		1/2		1/2	
3/4	2,458.14	3/4	2,096.64	3/4	1,734.04	3/4	1,370.06	3/4	1,011.83	3/4	652.79	3/4	288.64	3/4		3/4		3/4	
1	2,450.60	1	2,089.12	1	1,726.46	1	1,362.47	1	1,004.48	1	645.21	1	281.06	1		1		1	
1/4	2,443.05	1/4	2,081.60	1/4	1,718.87	1/4	1,354.89	1/4	997.12	1/4	637.62	1/4	273.47	1/4		1/4		1/4	
1/2	2,435.51	1/2	2,074.08	1/2	1,711.29	1/2	1,347.31	1/2	989.77	1/2	630.03	1/2	265.88	1/2		1/2		1/2	
3/4	2,427.96	3/4	2,066.56	3/4	1,703.71	3/4	1,339.72	3/4	982.42	3/4	622.44	3/4	258.30	3/4		3/4		3/4	
2	2,420.42	2	2,059.04	2	1,696.13	2	1,332.14	2	975.06	2	614.86	2	250.71	2		2		2	
1/4	2,412.87	1/4	2,051.52	1/4	1,688.54	1/4	1,324.56	1/4	967.71	1/4	607.27	1/4	243.13	1/4		1/4		1/4	
1/2	2,405.33	1/2	2,044.00	1/2	1,680.96	1/2	1,316.98	1/2	960.36	1/2	599.68	1/2	235.54	1/2		1/2		1/2	
3/4	2,397.79	3/4	2,036.48	3/4	1,673.38	3/4	1,309.39	3/4	953.00	3/4	592.09	3/4	227.95	3/4		3/4		3/4	
3	2,390.24	3	2,028.96	3	1,665.79	3	1,301.81	3	945.65	3	584.51	3	220.37	3		3		3	
1/4	2,382.70	1/4	2,021.44	1/4	1,658.21	1/4	1,294.23	1/4	938.30	1/4	576.92	1/4	212.78	1/4		1/4		1/4	
1/2	2,375.15	1/2	2,013.92	1/2	1,650.63	1/2	1,286.64	1/2	930.94	1/2	569.33	1/2	205.19	1/2		1/2		1/2	
3/4	2,367.61	3/4	2,006.40	3/4	1,643.04	3/4	1,279.06	3/4	923.59	3/4	561.75	3/4	197.60	3/4		3/4		3/4	
4	2,360.06	4	1,998.88	4	1,635.46	4	1,271.48	4	916.24	4	554.16	4	190.02	4		4		4	
1/4	2,352.52	1/4	1,991.36	1/4	1,627.88	1/4	1,263.89	1/4	908.88	1/4	546.57	1/4	182.43	1/4		1/4		1/4	
1/2	2,344.97	1/2	1,983.84	1/2	1,620.30	1/2	1,256.31	1/2	901.53	1/2	538.98	1/2	174.84	1/2		1/2		1/2	
3/4	2,337.43	3/4	1,976.32	3/4	1,612.71	3/4	1,248.73	3/4	894.18	3/4	531.40	3/4	167.25	3/4		3/4		3/4	
5	2,329.89	5	1,968.80	5	1,605.13	5	1,241.15	5	886.82	5	523.81	5	159.67	5		5		5	
1/4	2,322.34	1/4	1,961.28	1/4	1,597.55	1/4	1,233.56	1/4	879.47	1/4	516.22	1/4	152.08	1/4		1/4		1/4	
1/2	2,314.80	1/2	1,953.76	1/2	1,589.96	1/2	1,225.98	1/2	872.12	1/2	508.64	1/2	144.49	1/2		1/2		1/2	
3/4	2,307.25	3/4	1,946.24	3/4	1,582.38	3/4	1,218.40	3/4	864.76	3/4	501.05	3/4	136.90	3/4		3/4		3/4	
6	2,299.72	6	1,938.69	6	1,574.80	6	1,210.92	6	857.29	6	493.46	6	129.32	6		6		6	
1/4	2,292.19	1/4	1,931.14	1/4	1,567.21	1/4	1,203.44	1/4	849.82	1/4	485.87	1/4	121.73	1/4		1/4		1/4	
1/2	2,284.65	1/2	1,923.58	1/2	1,559.63	1/2	1,195.96	1/2	842.35	1/2	478.29	1/2	114.15	1/2		1/2		1/2	
3/4	2,277.12	3/4	1,916.03	3/4	1,552.05	3/4	1,188.49	3/4	834.89	3/4	470.70	3/4	106.56	3/4		3/4		3/4	
7	2,269.60	7	1,908.45	7	1,544.47	7	1,181.11	7	827.30	7	463.12	7	98.99	7		7		7	
1/4	2,262.08	1/4	1,900.87	1/4	1,536.88	1/4	1,173.74	1/4	819.71	1/4	455.53	1/4	91.42	1/4		1/4		1/4	
1/2	2,254.56	1/2	1,893.28	1/2	1,529.30	1/2	1,166.37	1/2	812.12	1/2	447.94	1/2	83.84	1/2		1/2		1/2	
3/4	2,247.04	3/4	1,885.70	3/4	1,521.72	3/4	1,158.99	3/4	804.54	3/4	440.36	3/4	76.27	3/4		3/4		3/4	
8	2,239.52	8	1,878.12	8	1,514.13	8	1,151.63	8	796.95	8	432.77	8	69.17	8		8		8	
1/4	2,232.00	1/4	1,870.53	1/4	1,506.55	1/4	1,144.26	1/4	789.36	1/4	425.19	1/4	62.06	1/4		1/4		1/4	
1/2	2,224.48	1/2	1,862.95	1/2	1,498.97	1/2	1,136.89	1/2	781.77	1/2	417.60	1/2	54.96	1/2		1/2		1/2	
3/4	2,216.96	3/4	1,855.37	3/4	1,491.38	3/4	1,129.53	3/4	774.19	3/4	410.02	3/4	47.85	3/4		3/4		3/4	
9	2,209.44	9	1,847.79	9	1,483.80	9	1,122.17	9	766.60	9	402.43	9	42.15	9		9		9	
1/4	2,201.92	1/4	1,840.20	1/4	1,476.22	1/4	1,114.81	1/4	759.01	1/4	394.84	1/4	36.46	1/4		1/4		1/4	
1/2	2,194.40	1/2	1,832.62	1/2	1,468.64	1/2	1,107.45	1/2	751.43	1/2	387.26	1/2	30.76	1/2		1/2		1/2	
3/4	2,186.88	3/4	1,825.04	3/4	1,461.05	3/4	1,100.08	3/4	743.84	3/4	379.67	3/4	25.06	3/4		3/4		3/4	
10	2,179.36	10	1,817.45	10	1,453.47	10	1,092.73	10	736.25	10	372.09	10		10		10		10	
1/4	2,171.84	1/4	1,809.87	1/4	1,445.89	1/4	1,085.37	1/4	728.66	1/4	364.50	1/4		1/4		1/4		1/4	
1/2	2,164.32	1/2	1,802.29	1/2	1,438.30	1/2	1,078.01	1/2	721.08	1/2	356.91	1/2		1/2		1/2		1/2	
3/4	2,156.80	3/4	1,794.70	3/4	1,430.72	3/4	1,070.66	3/4	713.49	3/4	349.33	3/4		3/4		3/4		3/4	
11	2,149.28	11	1,787.12	11	1,423.14	11	1,063.30	11	705.90	11	341.74	11		11		11		11	
1/4	2,141.76	1/4	1,779.54	1/4	1,415.55	1/4	1,055.95	1/4	698.32	1/4	334.16	1/4		1/4		1/4		1/4	
1/2	2,134.24	1/2	1,771.96	1/2	1,407.97	1/2	1,048.60	1/2	690.73	1/2	326.57	1/2		1/2		1/2		1/2	
3/4	2,126.72	3/4	1,764.37	3/4	1,400.39	3/4	1,041.24	3/4	683.14	3/4	318.99	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 29043"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

GAUGE HEIGHT 16'-09 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "KIRBY 29043"

3 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-09 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 339"

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	2,499.42	0	2,134.71	0	1,769.99	0	1,405.27	0	1,040.72	0	676.39	0	311.69	0		0		0	
1/4	2,491.83	1/4	2,127.11	1/4	1,762.39	1/4	1,397.67	1/4	1,033.14	1/4	668.79	1/4	304.09	1/4		1/4		1/4	
1/2	2,484.23	1/2	2,119.51	1/2	1,754.79	1/2	1,390.07	1/2	1,025.56	1/2	661.19	1/2	296.49	1/2		1/2		1/2	
3/4	2,476.63	3/4	2,111.91	3/4	1,747.19	3/4	1,382.47	3/4	1,017.97	3/4	653.60	3/4	288.89	3/4		3/4		3/4	
1	2,469.03	1	2,104.31	1	1,739.59	1	1,374.88	1	1,010.39	1	646.00	1	281.29	1		1		1	
1/4	2,461.43	1/4	2,096.71	1/4	1,732.00	1/4	1,367.28	1/4	1,002.81	1/4	638.40	1/4	273.70	1/4		1/4		1/4	
1/2	2,453.83	1/2	2,089.12	1/2	1,724.40	1/2	1,359.68	1/2	995.22	1/2	630.80	1/2	266.10	1/2		1/2		1/2	
3/4	2,446.24	3/4	2,081.52	3/4	1,716.80	3/4	1,352.08	3/4	987.64	3/4	623.20	3/4	258.50	3/4		3/4		3/4	
2	2,438.64	2	2,073.92	2	1,709.20	2	1,344.48	2	980.06	2	615.61	2	250.90	2		2		2	
1/4	2,431.04	1/4	2,066.32	1/4	1,701.60	1/4	1,336.88	1/4	972.47	1/4	608.01	1/4	243.30	1/4		1/4		1/4	
1/2	2,423.44	1/2	2,058.72	1/2	1,694.00	1/2	1,329.29	1/2	964.89	1/2	600.41	1/2	235.71	1/2		1/2		1/2	
3/4	2,415.84	3/4	2,051.12	3/4	1,686.41	3/4	1,321.69	3/4	957.31	3/4	592.81	3/4	228.11	3/4		3/4		3/4	
3	2,408.24	3	2,043.53	3	1,678.81	3	1,314.09	3	949.73	3	585.21	3	220.51	3		3		3	
1/4	2,400.65	1/4	2,035.93	1/4	1,671.21	1/4	1,306.49	1/4	942.14	1/4	577.62	1/4	212.91	1/4		1/4		1/4	
1/2	2,393.05	1/2	2,028.33	1/2	1,663.61	1/2	1,298.89	1/2	934.56	1/2	570.02	1/2	205.31	1/2		1/2		1/2	
3/4	2,385.45	3/4	2,020.73	3/4	1,656.01	3/4	1,291.29	3/4	926.98	3/4	562.42	3/4	197.72	3/4		3/4		3/4	
4	2,377.85	4	2,013.13	4	1,648.41	4	1,283.70	4	919.39	4	554.82	4	190.12	4		4		4	
1/4	2,370.25	1/4	2,005.53	1/4	1,640.82	1/4	1,276.10	1/4	911.81	1/4	547.22	1/4	182.52	1/4		1/4		1/4	
1/2	2,362.65	1/2	1,997.94	1/2	1,633.22	1/2	1,268.50	1/2	904.23	1/2	539.63	1/2	174.92	1/2		1/2		1/2	
3/4	2,355.06	3/4	1,990.34	3/4	1,625.62	3/4	1,260.90	3/4	896.64	3/4	532.03	3/4	167.32	3/4		3/4		3/4	
5	2,347.46	5	1,982.74	5	1,618.02	5	1,253.30	5	889.06	5	524.43	5	159.73	5		5		5	
1/4	2,339.86	1/4	1,975.14	1/4	1,610.42	1/4	1,245.70	1/4	881.48	1/4	516.83	1/4	152.13	1/4		1/4		1/4	
1/2	2,332.26	1/2	1,967.54	1/2	1,602.82	1/2	1,238.11	1/2	873.90	1/2	509.23	1/2	144.53	1/2		1/2		1/2	
3/4	2,324.66	3/4	1,959.94	3/4	1,595.23	3/4	1,230.51	3/4	866.31	3/4	501.64	3/4	136.94	3/4		3/4		3/4	
6	2,317.06	6	1,952.35	6	1,587.63	6	1,222.91	6	858.72	6	494.04	6	129.34	6		6		6	
1/4	2,309.47	1/4	1,944.75	1/4	1,580.03	1/4	1,215.31	1/4	851.13	1/4	486.44	1/4	121.75	1/4		1/4		1/4	
1/2	2,301.87	1/2	1,937.15	1/2	1,572.43	1/2	1,207.71	1/2	843.54	1/2	478.84	1/2	114.16	1/2		1/2		1/2	
3/4	2,294.27	3/4	1,929.55	3/4	1,564.83	3/4	1,200.11	3/4	835.95	3/4	471.24	3/4	106.57	3/4		3/4		3/4	
7	2,286.67	7	1,921.95	7	1,557.23	7	1,192.52	7	828.35	7	463.65	7	98.99	7		7		7	
1/4	2,279.07	1/4	1,914.35	1/4	1,549.64	1/4	1,184.92	1/4	820.75	1/4	456.05	1/4	91.42	1/4		1/4		1/4	
1/2	2,271.47	1/2	1,906.76	1/2	1,542.04	1/2	1,177.32	1/2	813.15	1/2	448.45	1/2	83.85	1/2		1/2		1/2	
3/4	2,263.88	3/4	1,899.16	3/4	1,534.44	3/4	1,169.72	3/4	805.56	3/4	440.85	3/4	76.27	3/4		3/4		3/4	
8	2,256.28	8	1,891.56	8	1,526.84	8	1,162.13	8	797.96	8	433.25	8	69.17	8		8		8	
1/4	2,248.68	1/4	1,883.96	1/4	1,519.24	1/4	1,154.53	1/4	790.36	1/4	425.66	1/4	62.06	1/4		1/4		1/4	
1/2	2,241.08	1/2	1,876.36	1/2	1,511.64	1/2	1,146.94	1/2	782.76	1/2	418.06	1/2	54.96	1/2		1/2		1/2	
3/4	2,233.48	3/4	1,868.77	3/4	1,504.05	3/4	1,139.34	3/4	775.16	3/4	410.46	3/4	47.85	3/4		3/4		3/4	
9	2,225.89	9	1,861.17	9	1,496.45	9	1,131.75	9	767.57	9	402.86	9	42.16	9		9		9	
1/4	2,218.29	1/4	1,853.57	1/4	1,488.85	1/4	1,124.16	1/4	759.97	1/4	395.26	1/4	36.46	1/4		1/4		1/4	
1/2	2,210.69	1/2	1,845.97	1/2	1,481.25	1/2	1,116.57	1/2	752.37	1/2	387.67	1/2	30.76	1/2		1/2		1/2	
3/4	2,203.09	3/4	1,838.37	3/4	1,473.65	3/4	1,108.98	3/4	744.77	3/4	380.07	3/4	25.06	3/4		3/4		3/4	
10	2,195.49	10	1,830.77	10	1,466.06	10	1,101.40	10	737.17	10	372.47	10		10		10		10	
1/4	2,187.89	1/4	1,823.18	1/4	1,458.46	1/4	1,093.81	1/4	729.58	1/4	364.87	1/4		1/4		1/4		1/4	
1/2	2,180.30	1/2	1,815.58	1/2	1,450.86	1/2	1,086.22	1/2	721.98	1/2	357.27	1/2		1/2		1/2		1/2	
3/4	2,172.70	3/4	1,807.98	3/4	1,443.26	3/4	1,078.64	3/4	714.38	3/4	349.68	3/4		3/4		3/4		3/4	
11	2,165.10	11	1,800.38	11	1,435.66	11	1,071.05	11	706.78	11	342.08	11		11		11		11	
1/4	2,157.50	1/4	1,792.78	1/4	1,428.06	1/4	1,063.47	1/4	699.18	1/4	334.48	1/4		1/4		1/4		1/4	
1/2	2,149.90	1/2	1,785.18	1/2	1,420.47	1/2	1,055.89	1/2	691.59	1/2	326.88	1/2		1/2		1/2		1/2	
3/4	2,142.30	3/4	1,777.59	3/4	1,412.87	3/4	1,048.30	3/4	683.99	3/4	319.28	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 29043"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 339"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	171	0	342	0	513	0	684	0	0	0	0	0	0	0	0	0	0
1/4	4	1/4	174	1/4	345	1/4	516	1/4	687	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	7	1/2	178	1/2	349	1/2	520	1/2	691	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	11	3/4	182	3/4	352	3/4	523	3/4	694	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	14	1	185	1	356	1	527	1	698	1	1	1	1	1	1	1	1	1	1
1/4	18	1/4	189	1/4	360	1/4	531	1/4	701	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21	1/2	192	1/2	363	1/2	534	1/2	705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25	3/4	196	3/4	367	3/4	538	3/4	709	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	28	2	199	2	370	2	541	2	712	2	2	2	2	2	2	2	2	2	2
1/4	32	1/4	203	1/4	374	1/4	545	1/4	716	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	36	1/2	207	1/2	377	1/2	548	1/2	719	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39	3/4	210	3/4	381	3/4	552	3/4	723	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	43	3	214	3	385	3	555	3	726	3	3	3	3	3	3	3	3	3	3
1/4	46	1/4	217	1/4	388	1/4	559	1/4	730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	221	1/2	392	1/2	563	1/2	733	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53	3/4	224	3/4	395	3/4	566	3/4	737	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	57	4	228	4	399	4	570	4	741	4	4	4	4	4	4	4	4	4	4
1/4	61	1/4	231	1/4	402	1/4	573	1/4	744	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64	1/2	235	1/2	406	1/2	577	1/2	748	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68	3/4	239	3/4	409	3/4	580	3/4	751	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	71	5	242	5	413	5	584	5	755	5	5	5	5	5	5	5	5	5	5
1/4	75	1/4	246	1/4	417	1/4	587	1/4	758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78	1/2	249	1/2	420	1/2	591	1/2	762	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82	3/4	253	3/4	424	3/4	595	3/4	766	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	85	6	256	6	427	6	598	6	769	6	6	6	6	6	6	6	6	6	6
1/4	89	1/4	260	1/4	431	1/4	602	1/4	772	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93	1/2	263	1/2	434	1/2	605	1/2	775	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96	3/4	267	3/4	438	3/4	609	3/4	779	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	100	7	271	7	442	7	612	7	782	7	7	7	7	7	7	7	7	7	7
1/4	103	1/4	274	1/4	445	1/4	616	1/4	785	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107	1/2	278	1/2	449	1/2	620	1/2	789	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110	3/4	281	3/4	452	3/4	623	3/4	792	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	114	8	285	8	456	8	627	8	796	8	8	8	8	8	8	8	8	8	8
1/4	117	1/4	288	1/4	459	1/4	630	1/4	799	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121	1/2	292	1/2	463	1/2	634	1/2	803	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125	3/4	296	3/4	466	3/4	637	3/4	806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	128	9	299	9	470	9	641	9	810	9	9	9	9	9	9	9	9	9	9
1/4	132	1/4	303	1/4	474	1/4	644	1/4	813	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	135	1/2	306	1/2	477	1/2	648	1/2	817	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	139	3/4	310	3/4	481	3/4	652	3/4	820	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	142	10	313	10	484	10	655	10	824	10	10	10	10	10	10	10	10	10	10
1/4	146	1/4	317	1/4	488	1/4	659	1/4	828	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150	1/2	320	1/2	491	1/2	662	1/2	831	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153	3/4	324	3/4	495	3/4	666	3/4	835	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	157	11	328	11	498	11	669	11	838	11	11	11	11	11	11	11	11	11	11
1/4	160	1/4	331	1/4	502	1/4	673	1/4	842	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164	1/2	335	1/2	506	1/2	676	1/2	845	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167	3/4	338	3/4	509	3/4	680	3/4	849	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 AT GAUGE POINT.

STRAPPED: 04/02/2014 CL
 RECALCULATED: 06/07/2019
 VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2024

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 29043"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 339"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1	1	1	1	1	1	1	1	1	1
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2	2	2	2	2	2	2	2	2	2
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3	3	3	3	3	3	3	3	3	3
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4	4	4	4	4	4	4	4	4	4
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5	5	5	5	5	5	5	5	5	5
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4		1/4		1/4		1/4	
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6	6	6	6	6	6	6	6	6	6
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,780	7	3,795	7	7	7	7	7	7	7	7	7	7	7	7
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,867	8	3,876	8	8	8	8	8	8	8	8	8	8	8	8
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,953	9	3,958	9	9	9	9	9	9	9	9	9	9	9	9
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,039	10	4,038	10	10	10	10	10	10	10	10	10	10	10	10
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,125	11	4,119	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	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 AT GAUGE POINT.

STRAPPED: 04/02/2014 CL
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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 29043"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 339"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1	1	1	1	1	1	1	1	1	1
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2	2	2	2	2	2	2	2	2	2
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3	3	3	3	3	3	3	3	3	3
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4	4	4	4	4	4	4	4	4	4
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5	5	5	5	5	5	5	5	5	5
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4		1/4		1/4		1/4	
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6	6	6	6	6	6	6	6	6	6
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,780	7	3,795	7	7	7	7	7	7	7	7	7	7	7	7
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,867	8	3,876	8	8	8	8	8	8	8	8	8	8	8	8
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,953	9	3,958	9	9	9	9	9	9	9	9	9	9	9	9
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,039	10	4,038	10	10	10	10	10	10	10	10	10	10	10	10
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,125	11	4,119	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	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 AT GAUGE POINT.

STRAPPED: 04/02/2014 CL
RECALCULATED: 06/07/2019
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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