



BARGE "KIRBY 29044"

ULLAGE TRIM TABLE
FORMERLY "CTCO 340"

	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8
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	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(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 5'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-03"

May 15, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 29044"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	4,952.11	0	4,623.58	0	4,274.31	0	3,908.93	0	3,542.48	0	3,175.50	0	2,808.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,945.01	1/4	4,616.52	1/4	4,266.81	1/4	3,901.29	1/4	3,534.83	1/4	3,167.85	1/4	2,800.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,937.92	1/2	4,609.45	1/2	4,259.31	1/2	3,893.66	1/2	3,527.19	1/2	3,160.21	1/2	2,793.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,931.28	3/4	4,602.36	3/4	4,251.77	3/4	3,886.02	3/4	3,519.55	3/4	3,152.56	3/4	2,785.44
1		1		1		1	4,924.64	1	4,595.27	1	4,244.23	1	3,878.39	1	3,511.90	1	3,144.91	1	2,777.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,918.00	1/4	4,588.17	1/4	4,236.70	1/4	3,870.76	1/4	3,504.26	1/4	3,137.27	1/4	2,770.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,911.36	1/2	4,581.08	1/2	4,229.16	1/2	3,863.12	1/2	3,496.61	1/2	3,129.62	1/2	2,762.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,904.69	3/4	4,573.95	3/4	4,221.59	3/4	3,855.49	3/4	3,488.97	3/4	3,121.98	3/4	2,754.84
2		2		2		2	4,898.02	2	4,566.82	2	4,214.02	2	3,847.85	2	3,481.32	2	3,114.33	2	2,747.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,891.36	1/4	4,559.69	1/4	4,206.45	1/4	3,840.22	1/4	3,473.67	1/4	3,106.69	1/4	2,739.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,884.69	1/2	4,552.56	1/2	4,198.87	1/2	3,832.59	1/2	3,466.03	1/2	3,099.04	1/2	2,731.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,877.98	3/4	4,545.40	3/4	4,191.27	3/4	3,824.95	3/4	3,458.38	3/4	3,091.39	3/4	2,724.24
3		3		3		3	4,871.28	3	4,538.24	3	4,183.66	3	3,817.32	3	3,450.74	3	3,083.75	3	2,716.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,864.57	1/4	4,531.08	1/4	4,176.06	1/4	3,809.68	1/4	3,443.09	1/4	3,076.10	1/4	2,708.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,857.86	1/2	4,523.92	1/2	4,168.46	1/2	3,802.05	1/2	3,435.45	1/2	3,068.46	1/2	2,701.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,851.12	3/4	4,516.72	3/4	4,160.83	3/4	3,794.41	3/4	3,427.80	3/4	3,060.81	3/4	2,693.65
4		4		4		4	4,844.38	4	4,509.52	4	4,153.20	4	3,786.78	4	3,420.16	4	3,053.17	4	2,686.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,837.63	1/4	4,502.33	1/4	4,145.58	1/4	3,779.15	1/4	3,412.51	1/4	3,045.52	1/4	2,678.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,830.89	1/2	4,495.13	1/2	4,137.95	1/2	3,771.51	1/2	3,404.86	1/2	3,037.88	1/2	2,670.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,824.11	3/4	4,487.90	3/4	4,130.32	3/4	3,763.88	3/4	3,397.22	3/4	3,030.23	3/4	2,663.05
5		5		5		5	4,817.34	5	4,480.67	5	4,122.68	5	3,756.24	5	3,389.57	5	3,022.58	5	2,655.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,810.56	1/4	4,473.45	1/4	4,115.05	1/4	3,748.61	1/4	3,381.93	1/4	3,014.94	1/4	2,647.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,803.78	1/2	4,466.22	1/2	4,107.41	1/2	3,740.98	1/2	3,374.28	1/2	3,007.29	1/2	2,640.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,796.97	3/4	4,458.95	3/4	4,099.78	3/4	3,733.34	3/4	3,366.64	3/4	2,999.64	3/4	2,632.45
6		6		6		6	4,790.16	6	4,451.68	6	4,092.14	6	3,725.71	6	3,358.99	6	2,991.99	6	2,624.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,783.35	1/4	4,444.41	1/4	4,084.51	1/4	3,718.07	1/4	3,351.34	1/4	2,984.33	1/4	2,617.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,776.54	1/2	4,437.15	1/2	4,076.88	1/2	3,710.44	1/2	3,343.70	1/2	2,976.68	1/2	2,609.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,769.70	3/4	4,429.83	3/4	4,069.24	3/4	3,702.81	3/4	3,336.05	3/4	2,969.03	3/4	2,601.85
7		7		7	5,098.11	7	4,762.85	7	4,422.51	7	4,061.61	7	3,695.17	7	3,328.41	7	2,961.38	7	2,594.20
1/4	1/4	1/4	1/4	1/4	5,092.06	1/4	4,756.01	1/4	4,415.20	1/4	4,053.97	1/4	3,687.54	1/4	3,320.76	1/4	2,953.73	1/4	2,586.55
1/2	1/2	1/2	1/2	1/2	5,086.01	1/2	4,749.16	1/2	4,407.88	1/2	4,046.34	1/2	3,679.90	1/2	3,313.12	1/2	2,946.08	1/2	2,578.90
3/4	3/4	3/4	3/4	3/4	5,078.82	3/4	4,742.26	3/4	4,400.52	3/4	4,038.71	3/4	3,672.27	3/4	3,305.47	3/4	2,938.43	3/4	2,571.25
8		8		8	5,071.62	8	4,735.37	8	4,393.16	8	4,031.07	8	3,664.64	8	3,297.83	8	2,930.78	8	2,563.60
1/4	1/4	1/4	1/4	1/4	5,064.42	1/4	4,728.47	1/4	4,385.80	1/4	4,023.44	1/4	3,657.00	1/4	3,290.18	1/4	2,923.13	1/4	2,555.95
1/2	1/2	1/2	1/2	1/2	5,057.23	1/2	4,721.57	1/2	4,378.44	1/2	4,015.80	1/2	3,649.37	1/2	3,282.53	1/2	2,915.48	1/2	2,548.30
3/4	3/4	3/4	3/4	3/4	5,049.65	3/4	4,714.62	3/4	4,371.05	3/4	4,008.17	3/4	3,641.73	3/4	3,274.89	3/4	2,907.84	3/4	2,540.65
9		9		9	5,042.08	9	4,707.67	9	4,363.65	9	4,000.54	9	3,634.10	9	3,267.24	9	2,900.19	9	2,533.00
1/4	1/4	1/4	1/4	1/4	5,034.50	1/4	4,700.72	1/4	4,356.26	1/4	3,992.90	1/4	3,626.46	1/4	3,259.60	1/4	2,892.54	1/4	2,525.35
1/2	1/2	1/2	1/2	1/2	5,026.92	1/2	4,693.77	1/2	4,348.86	1/2	3,985.27	1/2	3,618.83	1/2	3,251.95	1/2	2,884.89	1/2	2,517.71
3/4	3/4	3/4	3/4	3/4	5,019.35	3/4	4,686.78	3/4	4,341.44	3/4	3,977.63	3/4	3,611.20	3/4	3,244.31	3/4	2,877.24	3/4	2,510.06
10		10		10	5,011.77	10	4,679.79	10	4,334.01	10	3,970.00	10	3,603.56	10	3,236.66	10	2,869.59	10	2,502.41
1/4	1/4	1/4	1/4	1/4	5,004.19	1/4	4,672.80	1/4	4,326.58	1/4	3,962.37	1/4	3,595.93	1/4	3,229.02	1/4	2,861.94	1/4	2,494.76
1/2	1/2	1/2	1/2	1/2	4,996.62	1/2	4,665.81	1/2	4,319.15	1/2	3,954.73	1/2	3,588.29	1/2	3,221.37	1/2	2,854.29	1/2	2,487.11
3/4	3/4	3/4	3/4	3/4	4,989.04	3/4	4,658.78	3/4	4,311.69	3/4	3,947.10	3/4	3,580.66	3/4	3,213.72	3/4	2,846.64	3/4	2,479.46
11		11		11	4,981.46	11	4,651.75	11	4,304.23	11	3,939.46	11	3,573.03	11	3,206.08	11	2,838.99	11	2,471.81
1/4	1/4	1/4	1/4	1/4	4,973.89	1/4	4,644.73	1/4	4,296.77	1/4	3,931.83	1/4	3,565.39	1/4	3,198.43	1/4	2,831.34	1/4	2,464.16
1/2	1/2	1/2	1/2	1/2	4,966.31	1/2	4,637.70	1/2	4,289.31	1/2	3,924.19	1/2	3,557.76	1/2	3,190.79	1/2	2,823.69	1/2	2,456.51
3/4	3/4	3/4	3/4	3/4	4,959.21	3/4	4,630.64	3/4	4,281.81	3/4	3,916.56	3/4	3,550.12	3/4	3,183.14	3/4	2,816.04	3/4	2,448.86

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 29044"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	2,441.21	0	2,074.03	0	1,706.85	0	1,339.67	0	973.48	0	607.52	0	256.86	0		0			
1/4	2,433.56	1/4	2,066.38	1/4	1,699.20	1/4	1,332.02	1/4	965.88	1/4	599.87	1/4	250.08	1/4		1/4		1/4	
1/2	2,425.91	1/2	2,058.73	1/2	1,691.55	1/2	1,324.37	1/2	958.28	1/2	592.22	1/2	243.29	1/2		1/2		1/2	
3/4	2,418.26	3/4	2,051.08	3/4	1,683.90	3/4	1,316.72	3/4	950.68	3/4	584.57	3/4	236.59	3/4		3/4		3/4	
1	2,410.61	1	2,043.43	1	1,676.25	1	1,309.07	1	943.08	1	576.92	1	229.90	1		1		1	
1/4	2,402.96	1/4	2,035.78	1/4	1,668.60	1/4	1,301.42	1/4	935.48	1/4	569.27	1/4	223.20	1/4		1/4		1/4	
1/2	2,395.31	1/2	2,028.13	1/2	1,660.95	1/2	1,293.77	1/2	927.88	1/2	561.62	1/2	216.51	1/2		1/2		1/2	
3/4	2,387.66	3/4	2,020.48	3/4	1,653.30	3/4	1,286.12	3/4	920.28	3/4	553.98	3/4	209.90	3/4		3/4		3/4	
2	2,380.01	2	2,012.83	2	1,645.65	2	1,278.47	2	912.69	2	546.35	2	203.29	2		2		2	
1/4	2,372.36	1/4	2,005.18	1/4	1,638.00	1/4	1,270.82	1/4	905.09	1/4	538.71	1/4	196.69	1/4		1/4		1/4	
1/2	2,364.71	1/2	1,997.53	1/2	1,630.35	1/2	1,263.17	1/2	897.49	1/2	531.07	1/2	190.08	1/2		1/2		1/2	
3/4	2,357.06	3/4	1,989.88	3/4	1,622.70	3/4	1,255.52	3/4	889.89	3/4	523.48	3/4	183.57	3/4		3/4		3/4	
3	2,349.41	3	1,982.23	3	1,615.05	3	1,247.87	3	882.29	3	515.88	3	177.05	3		3		3	
1/4	2,341.76	1/4	1,974.58	1/4	1,607.40	1/4	1,240.22	1/4	874.69	1/4	508.29	1/4	170.54	1/4		1/4		1/4	
1/2	2,334.11	1/2	1,966.93	1/2	1,599.75	1/2	1,232.57	1/2	867.09	1/2	500.70	1/2	164.02	1/2		1/2		1/2	
3/4	2,326.47	3/4	1,959.28	3/4	1,592.10	3/4	1,224.92	3/4	859.49	3/4	493.18	3/4	157.60	3/4		3/4		3/4	
4	2,318.82	4	1,951.63	4	1,584.45	4	1,217.27	4	851.90	4	485.67	4	151.18	4		4		4	
1/4	2,311.17	1/4	1,943.99	1/4	1,576.80	1/4	1,209.62	1/4	844.30	1/4	478.16	1/4	144.76	1/4		1/4		1/4	
1/2	2,303.52	1/2	1,936.34	1/2	1,569.15	1/2	1,201.97	1/2	836.70	1/2	470.64	1/2	138.34	1/2		1/2		1/2	
3/4	2,295.87	3/4	1,928.69	3/4	1,561.51	3/4	1,194.32	3/4	829.10	3/4	463.22	3/4	132.02	3/4		3/4		3/4	
5	2,288.22	5	1,921.04	5	1,553.86	5	1,186.67	5	821.50	5	455.80	5	125.69	5		5		5	
1/4	2,280.57	1/4	1,913.39	1/4	1,546.21	1/4	1,179.03	1/4	813.90	1/4	448.38	1/4	119.37	1/4		1/4		1/4	
1/2	2,272.92	1/2	1,905.74	1/2	1,538.56	1/2	1,171.38	1/2	806.30	1/2	440.95	1/2	113.04	1/2		1/2		1/2	
3/4	2,265.27	3/4	1,898.09	3/4	1,530.91	3/4	1,163.74	3/4	798.68	3/4	433.62	3/4	106.82	3/4		3/4		3/4	
6	2,257.62	6	1,890.44	6	1,523.26	6	1,156.11	6	791.05	6	426.29	6	100.60	6		6		6	
1/4	2,249.97	1/4	1,882.79	1/4	1,515.61	1/4	1,148.47	1/4	783.43	1/4	418.96	1/4	94.37	1/4		1/4		1/4	
1/2	2,242.32	1/2	1,875.14	1/2	1,507.96	1/2	1,140.84	1/2	775.80	1/2	411.63	1/2	88.15	1/2		1/2		1/2	
3/4	2,234.67	3/4	1,867.49	3/4	1,500.31	3/4	1,133.22	3/4	768.16	3/4	404.39	3/4	82.03	3/4		3/4		3/4	
7	2,227.02	7	1,859.84	7	1,492.66	7	1,125.60	7	760.51	7	397.15	7	75.91	7		7		7	
1/4	2,219.37	1/4	1,852.19	1/4	1,485.01	1/4	1,117.98	1/4	752.86	1/4	389.90	1/4	69.80	1/4		1/4		1/4	
1/2	2,211.72	1/2	1,844.54	1/2	1,477.36	1/2	1,110.36	1/2	745.21	1/2	382.66	1/2	63.68	1/2		1/2		1/2	
3/4	2,204.07	3/4	1,836.89	3/4	1,469.71	3/4	1,102.74	3/4	737.56	3/4	375.51	3/4	58.13	3/4		3/4		3/4	
8	2,196.42	8	1,829.24	8	1,462.06	8	1,095.13	8	729.91	8	368.36	8	52.58	8		8		8	
1/4	2,188.77	1/4	1,821.59	1/4	1,454.41	1/4	1,087.52	1/4	722.26	1/4	361.21	1/4	47.02	1/4		1/4		1/4	
1/2	2,181.12	1/2	1,813.94	1/2	1,446.76	1/2	1,079.90	1/2	714.61	1/2	354.06	1/2	41.47	1/2		1/2		1/2	
3/4	2,173.47	3/4	1,806.29	3/4	1,439.11	3/4	1,072.30	3/4	706.96	3/4	347.00	3/4	36.98	3/4		3/4		3/4	
9	2,165.82	9	1,798.64	9	1,431.46	9	1,064.69	9	699.31	9	339.94	9	32.49	9		9		9	
1/4	2,158.17	1/4	1,790.99	1/4	1,423.81	1/4	1,057.08	1/4	691.66	1/4	332.88	1/4	28.00	1/4		1/4		1/4	
1/2	2,150.52	1/2	1,783.34	1/2	1,416.16	1/2	1,049.48	1/2	684.01	1/2	325.83	1/2	23.51	1/2		1/2		1/2	
3/4	2,142.87	3/4	1,775.69	3/4	1,408.51	3/4	1,041.88	3/4	676.36	3/4	318.86	3/4		3/4		3/4		3/4	
10	2,135.23	10	1,768.04	10	1,400.86	10	1,034.27	10	668.71	10	311.89	10		10		10		10	
1/4	2,127.58	1/4	1,760.39	1/4	1,393.21	1/4	1,026.67	1/4	661.06	1/4	304.92	1/4		1/4		1/4		1/4	
1/2	2,119.93	1/2	1,752.75	1/2	1,385.56	1/2	1,019.07	1/2	653.41	1/2	297.95	1/2		1/2		1/2		1/2	
3/4	2,112.28	3/4	1,745.10	3/4	1,377.91	3/4	1,011.47	3/4	645.76	3/4	291.07	3/4		3/4		3/4		3/4	
11	2,104.63	11	1,737.45	11	1,370.27	11	1,003.87	11	638.12	11	284.20	11		11		11		11	
1/4	2,096.98	1/4	1,729.80	1/4	1,362.62	1/4	996.27	1/4	630.47	1/4	277.32	1/4		1/4		1/4		1/4	
1/2	2,089.33	1/2	1,722.15	1/2	1,354.97	1/2	988.67	1/2	622.82	1/2	270.44	1/2		1/2		1/2		1/2	
3/4	2,081.68	3/4	1,714.50	3/4	1,347.32	3/4	981.07	3/4	615.17	3/4	263.65	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

GAUGE HEIGHT 16'-10 1/4"

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	4,972.61	0	4,643.29	0	4,295.17	0	3,930.07	0	3,563.47	0	3,196.86	0	2,830.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.03	1/4	4,636.26	1/4	4,287.71	1/4	3,922.43	1/4	3,555.83	1/4	3,189.23	1/4	2,822.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,957.93	1/2	4,629.20	1/2	4,280.21	1/2	3,914.80	1/2	3,548.19	1/2	3,181.59	1/2	2,814.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,950.82	3/4	4,622.13	3/4	4,272.70	3/4	3,907.16	3/4	3,540.55	3/4	3,173.95	3/4	2,807.24
1		1		1		1	4,943.72	1	4,615.07	1	4,265.20	1	3,899.52	1	3,532.92	1	3,166.31	1	2,799.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,936.62	1/4	4,608.01	1/4	4,257.70	1/4	3,891.88	1/4	3,525.28	1/4	3,158.67	1/4	2,791.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,929.98	1/2	4,600.91	1/2	4,250.16	1/2	3,884.25	1/2	3,517.64	1/2	3,151.04	1/2	2,784.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,923.34	3/4	4,593.81	3/4	4,242.61	3/4	3,876.61	3/4	3,510.00	3/4	3,143.40	3/4	2,776.67
2		2		2		2	4,916.70	2	4,586.71	2	4,235.07	2	3,868.97	2	3,502.37	2	3,135.76	2	2,769.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,910.06	1/4	4,579.61	1/4	4,227.53	1/4	3,861.33	1/4	3,494.73	1/4	3,128.12	1/4	2,761.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,903.38	1/2	4,572.48	1/2	4,219.96	1/2	3,853.70	1/2	3,487.09	1/2	3,120.49	1/2	2,753.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,896.71	3/4	4,565.35	3/4	4,212.38	3/4	3,846.06	3/4	3,479.45	3/4	3,112.85	3/4	2,746.11
3		3		3		3	4,890.04	3	4,558.22	3	4,204.81	3	3,838.42	3	3,471.82	3	3,105.21	3	2,738.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,883.37	1/4	4,551.09	1/4	4,197.23	1/4	3,830.78	1/4	3,464.18	1/4	3,097.57	1/4	2,730.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,876.66	1/2	4,543.92	1/2	4,189.63	1/2	3,823.15	1/2	3,456.54	1/2	3,089.94	1/2	2,723.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,869.95	3/4	4,536.76	3/4	4,182.02	3/4	3,815.51	3/4	3,448.90	3/4	3,082.30	3/4	2,715.54
4		4		4		4	4,863.24	4	4,529.59	4	4,174.41	4	3,807.87	4	3,441.27	4	3,074.66	4	2,707.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,856.53	1/4	4,522.43	1/4	4,166.80	1/4	3,800.23	1/4	3,433.63	1/4	3,067.02	1/4	2,700.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,849.79	1/2	4,515.23	1/2	4,159.17	1/2	3,792.60	1/2	3,425.99	1/2	3,059.39	1/2	2,692.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,843.04	3/4	4,508.03	3/4	4,151.54	3/4	3,784.96	3/4	3,418.35	3/4	3,051.75	3/4	2,684.98
5		5		5		5	4,836.29	5	4,500.83	5	4,143.92	5	3,777.32	5	3,410.72	5	3,044.11	5	2,677.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,829.55	1/4	4,493.63	1/4	4,136.29	1/4	3,769.68	1/4	3,403.08	1/4	3,036.47	1/4	2,669.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,822.77	1/2	4,486.40	1/2	4,128.65	1/2	3,762.05	1/2	3,395.44	1/2	3,028.84	1/2	2,662.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,815.98	3/4	4,479.17	3/4	4,121.01	3/4	3,754.41	3/4	3,387.80	3/4	3,021.20	3/4	2,654.41
6		6		6		6	4,809.20	6	4,471.93	6	4,113.37	6	3,746.77	6	3,380.17	6	3,013.56	6	2,646.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.42	1/4	4,464.70	1/4	4,105.74	1/4	3,739.13	1/4	3,372.53	1/4	3,005.92	1/4	2,639.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,795.61	1/2	4,457.43	1/2	4,098.10	1/2	3,731.49	1/2	3,364.89	1/2	2,998.28	1/2	2,631.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,788.80	3/4	4,450.16	3/4	4,090.46	3/4	3,723.86	3/4	3,357.25	3/4	2,990.64	3/4	2,623.84
7		7		7		7	4,781.98	7	4,442.89	7	4,082.82	7	3,716.22	7	3,349.61	7	2,983.00	7	2,616.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.17	1/4	4,435.62	1/4	4,075.19	1/4	3,708.58	1/4	3,341.98	1/4	2,975.35	1/4	2,608.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,768.32	1/2	4,428.30	1/2	4,067.55	1/2	3,700.94	1/2	3,334.34	1/2	2,967.71	1/2	2,600.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,096.88	3/4	4,761.47	3/4	4,420.98	3/4	4,059.91	3/4	3,693.31	3/4	3,326.70	3/4	2,960.07
8		8		8		8	4,754.63	8	4,413.66	8	4,052.27	8	3,685.67	8	3,319.06	8	2,952.43	8	2,585.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.78	1/4	4,747.78	1/4	4,406.34	1/4	4,044.64	1/4	3,678.03	1/4	3,311.43	1/4	2,944.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,077.58	1/2	4,740.88	1/2	4,398.97	1/2	4,037.00	1/2	3,670.39	1/2	3,303.79	1/2	2,937.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,070.38	3/4	4,733.98	3/4	4,391.61	3/4	4,029.36	3/4	3,662.76	3/4	3,296.15	3/4	2,929.50
9		9		9		9	5,063.19	9	4,727.07	9	4,384.25	9	4,021.72	9	3,655.12	9	3,288.51	9	2,921.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,055.99	1/4	4,720.17	1/4	4,376.88	1/4	4,014.09	1/4	3,647.48	1/4	3,280.88	1/4	2,914.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,048.41	1/2	4,713.22	1/2	4,369.49	1/2	4,006.45	1/2	3,639.84	1/2	3,273.24	1/2	2,906.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,040.83	3/4	4,706.26	3/4	4,362.09	3/4	3,998.81	3/4	3,632.21	3/4	3,265.60	3/4	2,898.94
10		10		10		10	5,033.25	10	4,699.31	10	4,354.69	10	3,991.17	10	3,624.57	10	3,257.96	10	2,891.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,025.67	1/4	4,692.36	1/4	4,347.29	1/4	3,983.54	1/4	3,616.93	1/4	3,250.33	1/4	2,883.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,018.09	1/2	4,685.36	1/2	4,339.86	1/2	3,975.90	1/2	3,609.29	1/2	3,242.69	1/2	2,876.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,010.51	3/4	4,678.37	3/4	4,332.43	3/4	3,968.26	3/4	3,601.66	3/4	3,235.05	3/4	2,868.37
11		11		11		11	5,002.93	11	4,671.38	11	4,325.00	11	3,960.62	11	3,594.02	11	3,227.41	11	2,860.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,995.35	1/4	4,664.39	1/4	4,317.57	1/4	3,952.99	1/4	3,586.38	1/4	3,219.78	1/4	2,853.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,987.77	1/2	4,657.35	1/2	4,310.10	1/2	3,945.35	1/2	3,578.74	1/2	3,212.14	1/2	2,845.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,980.19	3/4	4,650.32	3/4	4,302.64	3/4	3,937.71	3/4	3,571.11	3/4	3,204.50	3/4	2,837.81

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 29044"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

GAUGE HEIGHT 16'-10 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	2,463.37	0	2,096.58	0	1,729.79	0	1,363.00	0	996.33	0	629.91	0	277.21	0		0			
1/4	2,455.73	1/4	2,088.94	1/4	1,722.15	1/4	1,355.35	1/4	988.70	1/4	622.27	1/4	270.34	1/4		1/4			
1/2	2,448.09	1/2	2,081.30	1/2	1,714.51	1/2	1,347.71	1/2	981.07	1/2	614.63	1/2	263.56	1/2		1/2			
3/4	2,440.45	3/4	2,073.66	3/4	1,706.86	3/4	1,340.07	3/4	973.44	3/4	606.99	3/4	256.78	3/4		3/4			
1	2,432.81	1	2,066.01	1	1,699.22	1	1,332.43	1	965.81	1	599.34	1	250.01	1		1			
1/4	2,425.16	1/4	2,058.37	1/4	1,691.58	1/4	1,324.79	1/4	958.19	1/4	591.70	1/4	243.23	1/4		1/4			
1/2	2,417.52	1/2	2,050.73	1/2	1,683.94	1/2	1,317.15	1/2	950.56	1/2	584.07	1/2	236.54	1/2		1/2			
3/4	2,409.88	3/4	2,043.09	3/4	1,676.30	3/4	1,309.51	3/4	942.93	3/4	576.43	3/4	229.85	3/4		3/4			
2	2,402.24	2	2,035.45	2	1,668.66	2	1,301.86	2	935.30	2	568.79	2	223.16	2		2			
1/4	2,394.60	1/4	2,027.81	1/4	1,661.01	1/4	1,294.22	1/4	927.68	1/4	561.15	1/4	216.47	1/4		1/4			
1/2	2,386.96	1/2	2,020.17	1/2	1,653.37	1/2	1,286.58	1/2	920.05	1/2	553.53	1/2	209.88	1/2		1/2			
3/4	2,379.32	3/4	2,012.52	3/4	1,645.73	3/4	1,278.94	3/4	912.42	3/4	545.91	3/4	203.28	3/4		3/4			
3	2,371.67	3	2,004.88	3	1,638.09	3	1,271.30	3	904.79	3	538.29	3	196.68	3		3			
1/4	2,364.03	1/4	1,997.24	1/4	1,630.45	1/4	1,263.66	1/4	897.16	1/4	530.66	1/4	190.09	1/4		1/4			
1/2	2,356.39	1/2	1,989.60	1/2	1,622.81	1/2	1,256.02	1/2	889.54	1/2	523.08	1/2	183.58	1/2		1/2			
3/4	2,348.75	3/4	1,981.96	3/4	1,615.17	3/4	1,248.37	3/4	881.91	3/4	515.50	3/4	177.07	3/4		3/4			
4	2,341.11	4	1,974.32	4	1,607.52	4	1,240.73	4	874.28	4	507.92	4	170.57	4		4			
1/4	2,333.47	1/4	1,966.67	1/4	1,599.88	1/4	1,233.09	1/4	866.65	1/4	500.34	1/4	164.06	1/4		1/4			
1/2	2,325.83	1/2	1,959.03	1/2	1,592.24	1/2	1,225.45	1/2	859.03	1/2	492.83	1/2	157.65	1/2		1/2			
3/4	2,318.18	3/4	1,951.39	3/4	1,584.60	3/4	1,217.81	3/4	851.40	3/4	485.33	3/4	151.23	3/4		3/4			
5	2,310.54	5	1,943.75	5	1,576.96	5	1,210.17	5	843.77	5	477.82	5	144.81	5		5			
1/4	2,302.90	1/4	1,936.11	1/4	1,569.32	1/4	1,202.52	1/4	836.14	1/4	470.32	1/4	138.40	1/4		1/4			
1/2	2,295.26	1/2	1,928.47	1/2	1,561.68	1/2	1,194.88	1/2	828.52	1/2	462.90	1/2	132.07	1/2		1/2			
3/4	2,287.62	3/4	1,920.83	3/4	1,554.03	3/4	1,187.24	3/4	820.89	3/4	455.49	3/4	125.75	3/4		3/4			
6	2,279.98	6	1,913.18	6	1,546.39	6	1,179.60	6	813.26	6	448.07	6	119.43	6		6			
1/4	2,272.33	1/4	1,905.54	1/4	1,538.75	1/4	1,171.96	1/4	805.63	1/4	440.66	1/4	113.10	1/4		1/4			
1/2	2,264.69	1/2	1,897.90	1/2	1,531.11	1/2	1,164.32	1/2	798.00	1/2	433.34	1/2	106.87	1/2		1/2			
3/4	2,257.05	3/4	1,890.26	3/4	1,523.47	3/4	1,156.68	3/4	790.36	3/4	426.01	3/4	100.65	3/4		3/4			
7	2,249.41	7	1,882.62	7	1,515.83	7	1,149.03	7	782.73	7	418.69	7	94.42	7		7			
1/4	2,241.77	1/4	1,874.98	1/4	1,508.18	1/4	1,141.39	1/4	775.10	1/4	411.37	1/4	88.19	1/4		1/4			
1/2	2,234.13	1/2	1,867.34	1/2	1,500.54	1/2	1,133.75	1/2	767.45	1/2	404.13	1/2	82.07	1/2		1/2			
3/4	2,226.49	3/4	1,859.69	3/4	1,492.90	3/4	1,126.11	3/4	759.81	3/4	396.90	3/4	75.95	3/4		3/4			
8	2,218.84	8	1,852.05	8	1,485.26	8	1,118.47	8	752.17	8	389.67	8	69.83	8		8			
1/4	2,211.20	1/4	1,844.41	1/4	1,477.62	1/4	1,110.83	1/4	744.53	1/4	382.43	1/4	63.71	1/4		1/4			
1/2	2,203.56	1/2	1,836.77	1/2	1,469.98	1/2	1,103.19	1/2	736.89	1/2	375.29	1/2	58.16	1/2		1/2			
3/4	2,195.92	3/4	1,829.13	3/4	1,462.34	3/4	1,095.55	3/4	729.25	3/4	368.15	3/4	52.60	3/4		3/4			
9	2,188.28	9	1,821.49	9	1,454.69	9	1,087.91	9	721.61	9	361.01	9	47.05	9		9			
1/4	2,180.64	1/4	1,813.84	1/4	1,447.05	1/4	1,080.27	1/4	713.96	1/4	353.87	1/4	41.49	1/4		1/4			
1/2	2,173.00	1/2	1,806.20	1/2	1,439.41	1/2	1,072.64	1/2	706.32	1/2	346.82	1/2	37.00	1/2		1/2			
3/4	2,165.35	3/4	1,798.56	3/4	1,431.77	3/4	1,065.00	3/4	698.68	3/4	339.76	3/4	32.51	3/4		3/4			
10	2,157.71	10	1,790.92	10	1,424.13	10	1,057.37	10	691.04	10	332.71	10	28.01	10		10			
1/4	2,150.07	1/4	1,783.28	1/4	1,416.49	1/4	1,049.73	1/4	683.40	1/4	325.66	1/4	23.52	1/4		1/4			
1/2	2,142.43	1/2	1,775.64	1/2	1,408.85	1/2	1,042.10	1/2	675.76	1/2	318.70	1/2		1/2		1/2			
3/4	2,134.79	3/4	1,768.00	3/4	1,401.20	3/4	1,034.47	3/4	668.12	3/4	311.74	3/4		3/4		3/4			
11	2,127.15	11	1,760.35	11	1,393.56	11	1,026.84	11	660.48	11	304.78	11		11		11			
1/4	2,119.50	1/4	1,752.71	1/4	1,385.92	1/4	1,019.21	1/4	652.83	1/4	297.82	1/4		1/4		1/4			
1/2	2,111.86	1/2	1,745.07	1/2	1,378.28	1/2	1,011.58	1/2	645.19	1/2	290.95	1/2		1/2		1/2			
3/4	2,104.22	3/4	1,737.43	3/4	1,370.64	3/4	1,003.95	3/4	637.55	3/4	284.08	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

GAUGE HEIGHT 16'-10 1/4"

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

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 29044"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

GAUGE HEIGHT 16'-10 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	2,361.52	0	2,017.00	0	1,672.48	0	1,327.96	0	989.61	0	653.30	0	308.80	0		0		0	
1/4	2,354.35	1/4	2,009.83	1/4	1,665.31	1/4	1,320.79	1/4	982.73	1/4	646.13	1/4	301.62	1/4		1/4		1/4	
1/2	2,347.17	1/2	2,002.65	1/2	1,658.13	1/2	1,313.61	1/2	975.86	1/2	638.95	1/2	294.44	1/2		1/2		1/2	
3/4	2,339.99	3/4	1,995.47	3/4	1,650.95	3/4	1,306.43	3/4	968.99	3/4	631.77	3/4	287.27	3/4		3/4		3/4	
1	2,332.81	1	1,988.29	1	1,643.77	1	1,299.25	1	962.11	1	624.60	1	280.09	1		1		1	
1/4	2,325.64	1/4	1,981.12	1/4	1,636.60	1/4	1,292.08	1/4	955.24	1/4	617.42	1/4	272.91	1/4		1/4		1/4	
1/2	2,318.46	1/2	1,973.94	1/2	1,629.42	1/2	1,284.90	1/2	948.37	1/2	610.24	1/2	265.74	1/2		1/2		1/2	
3/4	2,311.28	3/4	1,966.76	3/4	1,622.24	3/4	1,277.72	3/4	941.49	3/4	603.06	3/4	258.56	3/4		3/4		3/4	
2	2,304.10	2	1,959.58	2	1,615.06	2	1,270.54	2	934.62	2	595.89	2	251.38	2		2		2	
1/4	2,296.93	1/4	1,952.41	1/4	1,607.89	1/4	1,263.37	1/4	927.75	1/4	588.71	1/4	244.20	1/4		1/4		1/4	
1/2	2,289.75	1/2	1,945.23	1/2	1,600.71	1/2	1,256.19	1/2	920.87	1/2	581.53	1/2	237.03	1/2		1/2		1/2	
3/4	2,282.57	3/4	1,938.05	3/4	1,593.53	3/4	1,249.01	3/4	914.00	3/4	574.35	3/4	229.85	3/4		3/4		3/4	
3	2,275.39	3	1,930.87	3	1,586.35	3	1,241.83	3	907.13	3	567.18	3	222.67	3		3		3	
1/4	2,268.22	1/4	1,923.70	1/4	1,579.18	1/4	1,234.66	1/4	900.25	1/4	560.00	1/4	215.49	1/4		1/4		1/4	
1/2	2,261.04	1/2	1,916.52	1/2	1,572.00	1/2	1,227.48	1/2	893.38	1/2	552.82	1/2	208.32	1/2		1/2		1/2	
3/4	2,253.86	3/4	1,909.34	3/4	1,564.82	3/4	1,220.30	3/4	886.51	3/4	545.65	3/4	201.14	3/4		3/4		3/4	
4	2,246.68	4	1,902.16	4	1,557.64	4	1,213.12	4	879.63	4	538.47	4	193.96	4		4		4	
1/4	2,239.51	1/4	1,894.99	1/4	1,550.47	1/4	1,205.95	1/4	872.76	1/4	531.29	1/4	186.79	1/4		1/4		1/4	
1/2	2,232.33	1/2	1,887.81	1/2	1,543.29	1/2	1,198.77	1/2	865.89	1/2	524.11	1/2	179.61	1/2		1/2		1/2	
3/4	2,225.15	3/4	1,880.63	3/4	1,536.11	3/4	1,191.59	3/4	859.01	3/4	516.94	3/4	172.43	3/4		3/4		3/4	
5	2,217.97	5	1,873.45	5	1,528.93	5	1,184.41	5	852.14	5	509.76	5	165.25	5		5		5	
1/4	2,210.80	1/4	1,866.28	1/4	1,521.76	1/4	1,177.24	1/4	845.27	1/4	502.58	1/4	158.08	1/4		1/4		1/4	
1/2	2,203.62	1/2	1,859.10	1/2	1,514.58	1/2	1,170.06	1/2	838.39	1/2	495.41	1/2	150.90	1/2		1/2		1/2	
3/4	2,196.44	3/4	1,851.92	3/4	1,507.40	3/4	1,162.88	3/4	831.52	3/4	488.23	3/4	143.72	3/4		3/4		3/4	
6	2,189.26	6	1,844.74	6	1,500.22	6	1,155.70	6	824.65	6	481.05	6	136.55	6		6		6	
1/4	2,182.09	1/4	1,837.57	1/4	1,493.05	1/4	1,148.53	1/4	817.77	1/4	473.87	1/4	129.37	1/4		1/4		1/4	
1/2	2,174.91	1/2	1,830.39	1/2	1,485.87	1/2	1,141.49	1/2	810.75	1/2	466.70	1/2	122.20	1/2		1/2		1/2	
3/4	2,167.73	3/4	1,823.21	3/4	1,478.69	3/4	1,134.45	3/4	803.72	3/4	459.52	3/4	115.03	3/4		3/4		3/4	
7	2,160.55	7	1,816.03	7	1,471.51	7	1,127.42	7	796.70	7	452.34	7	107.86	7		7		7	
1/4	2,153.38	1/4	1,808.86	1/4	1,464.34	1/4	1,120.38	1/4	789.67	1/4	445.17	1/4	100.68	1/4		1/4		1/4	
1/2	2,146.20	1/2	1,801.68	1/2	1,457.16	1/2	1,113.49	1/2	782.49	1/2	437.99	1/2	93.53	1/2		1/2		1/2	
3/4	2,139.02	3/4	1,794.50	3/4	1,449.98	3/4	1,106.59	3/4	775.32	3/4	430.81	3/4	86.38	3/4		3/4		3/4	
8	2,131.84	8	1,787.32	8	1,442.80	8	1,099.70	8	768.14	8	423.63	8	79.22	8		8		8	
1/4	2,124.67	1/4	1,780.15	1/4	1,435.63	1/4	1,092.80	1/4	760.96	1/4	416.46	1/4	72.07	1/4		1/4		1/4	
1/2	2,117.49	1/2	1,772.97	1/2	1,428.45	1/2	1,085.92	1/2	753.78	1/2	409.28	1/2	65.36	1/2		1/2		1/2	
3/4	2,110.31	3/4	1,765.79	3/4	1,421.27	3/4	1,079.03	3/4	746.61	3/4	402.10	3/4	58.64	3/4		3/4		3/4	
9	2,103.13	9	1,758.61	9	1,414.09	9	1,072.14	9	739.43	9	394.92	9	51.93	9		9		9	
1/4	2,095.96	1/4	1,751.44	1/4	1,406.92	1/4	1,065.25	1/4	732.25	1/4	387.75	1/4	45.22	1/4		1/4		1/4	
1/2	2,088.78	1/2	1,744.26	1/2	1,399.74	1/2	1,058.37	1/2	725.08	1/2	380.57	1/2	39.84	1/2		1/2		1/2	
3/4	2,081.60	3/4	1,737.08	3/4	1,392.56	3/4	1,051.49	3/4	717.90	3/4	373.39	3/4	34.46	3/4		3/4		3/4	
10	2,074.42	10	1,729.90	10	1,385.38	10	1,044.61	10	710.72	10	366.22	10	29.08	10		10		10	
1/4	2,067.25	1/4	1,722.73	1/4	1,378.21	1/4	1,037.73	1/4	703.54	1/4	359.04	1/4	23.69	1/4		1/4		1/4	
1/2	2,060.07	1/2	1,715.55	1/2	1,371.03	1/2	1,030.86	1/2	696.37	1/2	351.86	1/2		1/2		1/2		1/2	
3/4	2,052.89	3/4	1,708.37	3/4	1,363.85	3/4	1,023.98	3/4	689.19	3/4	344.68	3/4		3/4		3/4		3/4	
11	2,045.71	11	1,701.19	11	1,356.67	11	1,017.10	11	682.01	11	337.51	11		11		11		11	
1/4	2,038.54	1/4	1,694.02	1/4	1,349.50	1/4	1,010.23	1/4	674.84	1/4	330.33	1/4		1/4		1/4		1/4	
1/2	2,031.36	1/2	1,686.84	1/2	1,342.32	1/2	1,003.35	1/2	667.66	1/2	323.15	1/2		1/2		1/2		1/2	
3/4	2,024.18	3/4	1,679.66	3/4	1,335.14	3/4	996.48	3/4	660.48	3/4	315.98	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	4,722.50	0	4,414.01	0	4,086.85	0	3,743.93	0	3,399.78	0	3,055.63	0	2,711.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,715.83	1/4	4,407.38	1/4	4,079.80	1/4	3,736.76	1/4	3,392.61	1/4	3,048.46	1/4	2,704.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,709.17	1/2	4,400.75	1/2	4,072.76	1/2	3,729.59	1/2	3,385.44	1/2	3,041.29	1/2	2,697.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,702.51	3/4	4,394.12	3/4	4,065.72	3/4	3,722.42	3/4	3,378.27	3/4	3,034.12	3/4	2,689.89
1	1	1	1	1	1	1	4,695.84	1	4,387.49	1	4,058.67	1	3,715.25	1	3,371.10	1	3,026.95	1	2,682.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,689.61	1/4	4,380.83	1/4	4,051.59	1/4	3,708.08	1/4	3,363.93	1/4	3,019.78	1/4	2,675.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,683.38	1/2	4,374.17	1/2	4,044.51	1/2	3,700.91	1/2	3,356.76	1/2	3,012.61	1/2	2,668.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,677.15	3/4	4,367.51	3/4	4,037.44	3/4	3,693.75	3/4	3,349.59	3/4	3,005.44	3/4	2,661.19
2	2	2	2	2	2	2	4,670.92	2	4,360.84	2	4,030.36	2	3,686.58	2	3,342.42	2	2,998.27	2	2,654.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,664.66	1/4	4,354.15	1/4	4,023.25	1/4	3,679.41	1/4	3,335.26	1/4	2,991.10	1/4	2,646.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,658.40	1/2	4,347.46	1/2	4,016.13	1/2	3,672.24	1/2	3,328.09	1/2	2,983.93	1/2	2,639.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,652.14	3/4	4,340.76	3/4	4,009.02	3/4	3,665.07	3/4	3,320.92	3/4	2,976.77	3/4	2,632.50
3	3	3	3	3	3	3	4,645.88	3	4,334.07	3	4,001.91	3	3,657.90	3	3,313.75	3	2,969.60	3	2,625.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,639.59	1/4	4,327.35	1/4	3,994.77	1/4	3,650.73	1/4	3,306.58	1/4	2,962.43	1/4	2,618.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,633.29	1/2	4,320.62	1/2	3,987.63	1/2	3,643.56	1/2	3,299.41	1/2	2,955.26	1/2	2,610.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.00	3/4	4,313.90	3/4	3,980.49	3/4	3,636.39	3/4	3,292.24	3/4	2,948.09	3/4	2,603.80
4	4	4	4	4	4	4	4,620.70	4	4,307.17	4	3,973.34	4	3,629.22	4	3,285.07	4	2,940.92	4	2,596.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,614.37	1/4	4,300.41	1/4	3,966.18	1/4	3,622.05	1/4	3,277.90	1/4	2,933.75	1/4	2,589.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,608.04	1/2	4,293.66	1/2	3,959.02	1/2	3,614.88	1/2	3,270.73	1/2	2,926.58	1/2	2,582.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.71	3/4	4,286.90	3/4	3,951.85	3/4	3,607.71	3/4	3,263.56	3/4	2,919.41	3/4	2,575.11
5	5	5	5	5	5	5	4,595.39	5	4,280.14	5	3,944.69	5	3,600.54	5	3,256.39	5	2,912.24	5	2,567.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.02	1/4	4,273.36	1/4	3,937.52	1/4	3,593.37	1/4	3,249.22	1/4	2,905.07	1/4	2,560.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,582.66	1/2	4,266.57	1/2	3,930.35	1/2	3,586.20	1/2	3,242.05	1/2	2,897.90	1/2	2,553.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.30	3/4	4,259.78	3/4	3,923.18	3/4	3,579.03	3/4	3,234.88	3/4	2,890.73	3/4	2,546.41
6	6	6	6	6	6	6	4,569.94	6	4,252.99	6	3,916.01	6	3,571.86	6	3,227.71	6	2,883.56	6	2,539.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.55	1/4	4,246.17	1/4	3,908.84	1/4	3,564.69	1/4	3,220.54	1/4	2,876.39	1/4	2,532.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,557.15	1/2	4,239.34	1/2	3,901.67	1/2	3,557.52	1/2	3,213.37	1/2	2,869.22	1/2	2,524.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,550.76	3/4	4,232.52	3/4	3,894.50	3/4	3,550.35	3/4	3,206.20	3/4	2,862.06	3/4	2,517.72
7	7	7	7	7	7	7	4,544.37	7	4,225.69	7	3,887.33	7	3,543.18	7	3,199.03	7	2,854.89	7	2,510.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,537.95	1/4	4,218.82	1/4	3,880.16	1/4	3,536.01	1/4	3,191.86	1/4	2,847.72	1/4	2,503.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,846.22	1/2	4,531.52	1/2	4,211.95	1/2	3,872.99	1/2	3,528.84	1/2	3,184.69	1/2	2,840.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,840.54	3/4	4,525.10	3/4	4,205.08	3/4	3,865.82	3/4	3,521.67	3/4	3,177.52	3/4	2,833.37
8	8	8	8	8	8	8	4,834.86	8	4,518.67	8	4,198.21	8	3,858.65	8	3,514.50	8	3,170.35	8	2,826.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,828.11	1/4	4,512.20	1/4	4,191.30	1/4	3,851.48	1/4	3,507.33	1/4	3,163.18	1/4	2,819.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,821.35	1/2	4,505.72	1/2	4,184.39	1/2	3,844.31	1/2	3,500.16	1/2	3,156.01	1/2	2,811.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,814.60	3/4	4,499.24	3/4	4,177.47	3/4	3,837.14	3/4	3,492.99	3/4	3,148.84	3/4	2,804.67
9	9	9	9	9	9	9	4,807.85	9	4,492.77	9	4,170.56	9	3,829.97	9	3,485.82	9	3,141.67	9	2,797.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,800.73	1/4	4,486.24	1/4	4,163.61	1/4	3,822.80	1/4	3,478.65	1/4	3,134.50	1/4	2,790.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,793.62	1/2	4,479.71	1/2	4,156.67	1/2	3,815.63	1/2	3,471.48	1/2	3,127.33	1/2	2,783.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,786.51	3/4	4,473.19	3/4	4,149.73	3/4	3,808.46	3/4	3,464.31	3/4	3,120.16	3/4	2,775.98
10	10	10	10	10	10	10	4,779.40	10	4,466.66	10	4,142.78	10	3,801.29	10	3,457.14	10	3,112.99	10	2,768.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.28	1/4	4,460.10	1/4	4,135.81	1/4	3,794.12	1/4	3,449.97	1/4	3,105.82	1/4	2,761.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.17	1/2	4,453.53	1/2	4,128.83	1/2	3,786.95	1/2	3,442.80	1/2	3,098.65	1/2	2,754.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,758.06	3/4	4,446.97	3/4	4,121.85	3/4	3,779.78	3/4	3,435.63	3/4	3,091.48	3/4	2,747.28
11	11	11	11	11	11	11	4,750.95	11	4,440.41	11	4,114.88	11	3,772.61	11	3,428.46	11	3,084.31	11	2,740.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,743.83	1/4	4,433.81	1/4	4,107.87	1/4	3,765.44	1/4	3,421.29	1/4	3,077.14	1/4	2,732.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,736.72	1/2	4,427.21	1/2	4,100.86	1/2	3,758.27	1/2	3,414.12	1/2	3,069.97	1/2	2,725.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,729.61	3/4	4,420.61	3/4	4,093.85	3/4	3,751.10	3/4	3,406.95	3/4	3,062.80	3/4	2,718.58

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 29044"

2 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	2,367.06	0	2,022.72	0	1,678.37	0	1,334.02	0	989.80	0	645.80	0	301.46	0		0			
1/4	2,359.89	1/4	2,015.54	1/4	1,671.20	1/4	1,326.85	1/4	982.64	1/4	638.62	1/4	294.29	1/4		1/4		1/4	
1/2	2,352.72	1/2	2,008.37	1/2	1,664.02	1/2	1,319.67	1/2	975.48	1/2	631.45	1/2	287.12	1/2		1/2		1/2	
3/4	2,345.54	3/4	2,001.19	3/4	1,656.85	3/4	1,312.50	3/4	968.32	3/4	624.28	3/4	279.94	3/4		3/4		3/4	
1	2,338.37	1	1,994.02	1	1,649.67	1	1,305.33	1	961.16	1	617.10	1	272.77	1		1		1	
1/4	2,331.19	1/4	1,986.85	1/4	1,642.50	1/4	1,298.15	1/4	953.99	1/4	609.93	1/4	265.60	1/4		1/4		1/4	
1/2	2,324.02	1/2	1,979.67	1/2	1,635.33	1/2	1,290.98	1/2	946.83	1/2	602.76	1/2	258.42	1/2		1/2		1/2	
3/4	2,316.85	3/4	1,972.50	3/4	1,628.15	3/4	1,283.80	3/4	939.67	3/4	595.58	3/4	251.25	3/4		3/4		3/4	
2	2,309.67	2	1,965.33	2	1,620.98	2	1,276.63	2	932.51	2	588.41	2	244.08	2		2		2	
1/4	2,302.50	1/4	1,958.15	1/4	1,613.80	1/4	1,269.46	1/4	925.35	1/4	581.23	1/4	236.90	1/4		1/4		1/4	
1/2	2,295.32	1/2	1,950.98	1/2	1,606.63	1/2	1,262.28	1/2	918.19	1/2	574.06	1/2	229.73	1/2		1/2		1/2	
3/4	2,288.15	3/4	1,943.80	3/4	1,599.46	3/4	1,255.11	3/4	911.03	3/4	566.89	3/4	222.55	3/4		3/4		3/4	
3	2,280.98	3	1,936.63	3	1,592.28	3	1,247.94	3	903.87	3	559.71	3	215.38	3		3		3	
1/4	2,273.80	1/4	1,929.46	1/4	1,585.11	1/4	1,240.76	1/4	896.71	1/4	552.54	1/4	208.21	1/4		1/4		1/4	
1/2	2,266.63	1/2	1,922.28	1/2	1,577.93	1/2	1,233.59	1/2	889.55	1/2	545.37	1/2	201.03	1/2		1/2		1/2	
3/4	2,259.46	3/4	1,915.11	3/4	1,570.76	3/4	1,226.41	3/4	882.39	3/4	538.19	3/4	193.86	3/4		3/4		3/4	
4	2,252.28	4	1,907.93	4	1,563.59	4	1,219.24	4	875.22	4	531.02	4	186.69	4		4		4	
1/4	2,245.11	1/4	1,900.76	1/4	1,556.41	1/4	1,212.07	1/4	868.06	1/4	523.85	1/4	179.51	1/4		1/4		1/4	
1/2	2,237.93	1/2	1,893.59	1/2	1,549.24	1/2	1,204.89	1/2	860.90	1/2	516.67	1/2	172.34	1/2		1/2		1/2	
3/4	2,230.76	3/4	1,886.41	3/4	1,542.07	3/4	1,197.72	3/4	853.74	3/4	509.50	3/4	165.17	3/4		3/4		3/4	
5	2,223.59	5	1,879.24	5	1,534.89	5	1,190.54	5	846.58	5	502.32	5	157.99	5		5		5	
1/4	2,216.41	1/4	1,872.06	1/4	1,527.72	1/4	1,183.37	1/4	839.42	1/4	495.15	1/4	150.82	1/4		1/4		1/4	
1/2	2,209.24	1/2	1,864.89	1/2	1,520.54	1/2	1,176.20	1/2	832.26	1/2	487.98	1/2	143.65	1/2		1/2		1/2	
3/4	2,202.06	3/4	1,857.72	3/4	1,513.37	3/4	1,169.02	3/4	825.10	3/4	480.80	3/4	136.47	3/4		3/4		3/4	
6	2,194.89	6	1,850.54	6	1,506.20	6	1,161.85	6	817.94	6	473.63	6	129.30	6		6		6	
1/4	2,187.72	1/4	1,843.37	1/4	1,499.02	1/4	1,154.67	1/4	810.77	1/4	466.46	1/4	122.13	1/4		1/4		1/4	
1/2	2,180.54	1/2	1,836.20	1/2	1,491.85	1/2	1,147.50	1/2	803.60	1/2	459.28	1/2	114.96	1/2		1/2		1/2	
3/4	2,173.37	3/4	1,829.02	3/4	1,484.67	3/4	1,140.33	3/4	796.44	3/4	452.11	3/4	107.80	3/4		3/4		3/4	
7	2,166.19	7	1,821.85	7	1,477.50	7	1,133.15	7	789.27	7	444.94	7	100.63	7		7		7	
1/4	2,159.02	1/4	1,814.67	1/4	1,470.33	1/4	1,125.98	1/4	782.10	1/4	437.76	1/4	93.48	1/4		1/4		1/4	
1/2	2,151.85	1/2	1,807.50	1/2	1,463.15	1/2	1,118.81	1/2	774.92	1/2	430.59	1/2	86.33	1/2		1/2		1/2	
3/4	2,144.67	3/4	1,800.33	3/4	1,455.98	3/4	1,111.63	3/4	767.75	3/4	423.42	3/4	79.18	3/4		3/4		3/4	
8	2,137.50	8	1,793.15	8	1,448.80	8	1,104.46	8	760.57	8	416.24	8	72.02	8		8		8	
1/4	2,130.33	1/4	1,785.98	1/4	1,441.63	1/4	1,097.29	1/4	753.40	1/4	409.07	1/4	65.32	1/4		1/4		1/4	
1/2	2,123.15	1/2	1,778.80	1/2	1,434.46	1/2	1,090.12	1/2	746.23	1/2	401.89	1/2	58.61	1/2		1/2		1/2	
3/4	2,115.98	3/4	1,771.63	3/4	1,427.28	3/4	1,082.94	3/4	739.05	3/4	394.72	3/4	51.90	3/4		3/4		3/4	
9	2,108.80	9	1,764.46	9	1,420.11	9	1,075.77	9	731.88	9	387.55	9	45.20	9		9		9	
1/4	2,101.63	1/4	1,757.28	1/4	1,412.94	1/4	1,068.61	1/4	724.71	1/4	380.37	1/4	39.82	1/4		1/4		1/4	
1/2	2,094.46	1/2	1,750.11	1/2	1,405.76	1/2	1,061.44	1/2	717.53	1/2	373.20	1/2	34.44	1/2		1/2		1/2	
3/4	2,087.28	3/4	1,742.93	3/4	1,398.59	3/4	1,054.27	3/4	710.36	3/4	366.03	3/4	29.06	3/4		3/4		3/4	
10	2,080.11	10	1,735.76	10	1,391.41	10	1,047.10	10	703.19	10	358.85	10	23.68	10		10		10	
1/4	2,072.93	1/4	1,728.59	1/4	1,384.24	1/4	1,039.94	1/4	696.01	1/4	351.68	1/4		1/4		1/4		1/4	
1/2	2,065.76	1/2	1,721.41	1/2	1,377.07	1/2	1,032.77	1/2	688.84	1/2	344.51	1/2		1/2		1/2		1/2	
3/4	2,058.59	3/4	1,714.24	3/4	1,369.89	3/4	1,025.61	3/4	681.66	3/4	337.33	3/4		3/4		3/4		3/4	
11	2,051.41	11	1,707.07	11	1,362.72	11	1,018.44	11	674.49	11	330.16	11		11		11		11	
1/4	2,044.24	1/4	1,699.89	1/4	1,355.54	1/4	1,011.28	1/4	667.32	1/4	322.98	1/4		1/4		1/4		1/4	
1/2	2,037.06	1/2	1,692.72	1/2	1,348.37	1/2	1,004.12	1/2	660.14	1/2	315.81	1/2		1/2		1/2		1/2	
3/4	2,029.89	3/4	1,685.54	3/4	1,341.20	3/4	996.96	3/4	652.97	3/4	308.64	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

GAUGE HEIGHT 16'-09 1/4"

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	4,558.41	0	4,332.22	0	4,091.44	0	3,839.79	0	3,561.92	0	3,198.41	0	2,834.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,553.52	1/4	4,327.36	1/4	4,086.28	1/4	3,834.53	1/4	3,554.35	1/4	3,190.82	1/4	2,826.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,548.95	1/2	4,322.47	1/2	4,081.09	1/2	3,829.27	1/2	3,546.78	1/2	3,183.24	1/2	2,819.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,544.38	3/4	4,317.59	3/4	4,075.90	3/4	3,824.02	3/4	3,539.22	3/4	3,175.65	3/4	2,811.43
1		1		1		1	4,539.81	1	4,312.70	1	4,070.71	1	3,818.76	1	3,531.65	1	3,168.06	1	2,803.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,535.24	1/4	4,307.82	1/4	4,065.52	1/4	3,813.51	1/4	3,524.09	1/4	3,160.48	1/4	2,796.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,530.65	1/2	4,302.91	1/2	4,060.30	1/2	3,808.25	1/2	3,516.52	1/2	3,152.89	1/2	2,788.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,526.05	3/4	4,298.00	3/4	4,055.09	3/4	3,802.99	3/4	3,508.96	3/4	3,145.30	3/4	2,781.07
2		2		2		2	4,521.46	2	4,293.09	2	4,049.88	2	3,797.74	2	3,501.39	2	3,137.72	2	2,773.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,516.87	1/4	4,288.19	1/4	4,044.67	1/4	3,792.48	1/4	3,493.83	1/4	3,130.13	1/4	2,765.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,512.25	1/2	4,283.26	1/2	4,039.43	1/2	3,787.23	1/2	3,486.26	1/2	3,122.55	1/2	2,758.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,507.64	3/4	4,278.32	3/4	4,034.20	3/4	3,781.97	3/4	3,478.69	3/4	3,114.96	3/4	2,750.71
3		3		3		3	4,503.02	3	4,273.39	3	4,028.96	3	3,776.71	3	3,471.13	3	3,107.37	3	2,743.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,498.40	1/4	4,268.46	1/4	4,023.72	1/4	3,771.46	1/4	3,463.56	1/4	3,099.79	1/4	2,735.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,493.76	1/2	4,263.51	1/2	4,018.47	1/2	3,766.20	1/2	3,456.00	1/2	3,092.20	1/2	2,727.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,489.12	3/4	4,258.55	3/4	4,013.22	3/4	3,760.95	3/4	3,448.43	3/4	3,084.61	3/4	2,720.36
4		4		4		4	4,484.47	4	4,253.60	4	4,007.97	4	3,755.69	4	3,440.87	4	3,077.03	4	2,712.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,479.83	1/4	4,248.64	1/4	4,002.72	1/4	3,750.43	1/4	3,433.30	1/4	3,069.44	1/4	2,705.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,475.16	1/2	4,243.67	1/2	3,997.47	1/2	3,745.18	1/2	3,425.73	1/2	3,061.85	1/2	2,697.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,470.50	3/4	4,238.69	3/4	3,992.21	3/4	3,739.92	3/4	3,418.17	3/4	3,054.27	3/4	2,690.00
5		5		5		5	4,465.83	5	4,233.71	5	3,986.95	5	3,734.67	5	3,410.60	5	3,046.68	5	2,682.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,461.16	1/4	4,228.73	1/4	3,981.70	1/4	3,729.41	1/4	3,403.04	1/4	3,039.10	1/4	2,674.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,456.47	1/2	4,223.73	1/2	3,976.44	1/2	3,724.15	1/2	3,395.47	1/2	3,031.51	1/2	2,667.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,451.79	3/4	4,218.72	3/4	3,971.19	3/4	3,718.90	3/4	3,387.91	3/4	3,023.92	3/4	2,659.64
6		6		6		6	4,447.10	6	4,213.72	6	3,965.93	6	3,713.64	6	3,380.34	6	3,016.33	6	2,652.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,442.41	1/4	4,208.72	1/4	3,960.67	1/4	3,708.39	1/4	3,372.77	1/4	3,008.74	1/4	2,644.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,437.69	1/2	4,203.68	1/2	3,955.42	1/2	3,703.13	1/2	3,365.21	1/2	3,001.15	1/2	2,636.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,662.40	3/4	4,432.98	3/4	4,198.64	3/4	3,950.16	3/4	3,697.87	3/4	3,357.64	3/4	2,993.57
7		7		7		7	4,658.71	7	4,428.27	7	4,193.60	7	3,944.91	7	3,692.62	7	3,350.08	7	2,985.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,655.01	1/4	4,423.56	1/4	4,188.57	1/4	3,939.65	1/4	3,687.36	1/4	3,342.51	1/4	2,978.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,650.18	1/2	4,418.81	1/2	4,183.50	1/2	3,934.39	1/2	3,682.11	1/2	3,334.93	1/2	2,970.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,645.34	3/4	4,414.06	3/4	4,178.43	3/4	3,929.14	3/4	3,676.85	3/4	3,327.36	3/4	2,963.21
8		8		8		8	4,640.51	8	4,409.31	8	4,173.36	8	3,923.88	8	3,671.59	8	3,319.78	8	2,955.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,635.67	1/4	4,404.56	1/4	4,168.30	1/4	3,918.63	1/4	3,666.34	1/4	3,312.21	1/4	2,948.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.45	1/2	4,399.77	1/2	4,163.21	1/2	3,913.37	1/2	3,660.49	1/2	3,304.62	1/2	2,940.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,625.24	3/4	4,394.98	3/4	4,158.11	3/4	3,908.11	3/4	3,654.65	3/4	3,297.03	3/4	2,932.85
9		9		9		9	4,620.02	9	4,390.20	9	4,153.02	9	3,902.86	9	3,648.81	9	3,289.45	9	2,925.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,614.80	1/4	4,385.41	1/4	4,147.93	1/4	3,897.60	1/4	3,642.96	1/4	3,281.86	1/4	2,917.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,609.59	1/2	4,380.60	1/2	4,142.82	1/2	3,892.35	1/2	3,635.96	1/2	3,274.27	1/2	2,910.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,604.37	3/4	4,375.79	3/4	4,137.71	3/4	3,887.09	3/4	3,628.95	3/4	3,266.69	3/4	2,902.50
10		10		10		10	4,599.15	10	4,370.97	10	4,132.59	10	3,881.83	10	3,621.95	10	3,259.10	10	2,894.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,593.94	1/4	4,366.16	1/4	4,127.48	1/4	3,876.58	1/4	3,614.95	1/4	3,251.51	1/4	2,887.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,588.72	1/2	4,361.32	1/2	4,122.34	1/2	3,871.32	1/2	3,607.37	1/2	3,243.93	1/2	2,879.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,583.50	3/4	4,356.48	3/4	4,117.20	3/4	3,866.07	3/4	3,599.79	3/4	3,236.34	3/4	2,872.14
11		11		11		11	4,578.29	11	4,351.65	11	4,112.07	11	3,860.81	11	3,592.21	11	3,228.76	11	2,864.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,573.07	1/4	4,346.81	1/4	4,106.93	1/4	3,855.55	1/4	3,584.64	1/4	3,221.17	1/4	2,856.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.18	1/2	4,341.95	1/2	4,101.77	1/2	3,850.30	1/2	3,577.06	1/2	3,213.58	1/2	2,849.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,563.30	3/4	4,337.08	3/4	4,096.60	3/4	3,845.04	3/4	3,569.49	3/4	3,206.00	3/4	2,841.78

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 43' 09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29044"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	2,470.08	0	2,107.91	0	1,744.73	0	1,380.10	0	1,021.00	0	661.56	0	296.76	0		0			
1/4	2,462.52	1/4	2,100.38	1/4	1,737.13	1/4	1,372.50	1/4	1,013.64	1/4	653.96	1/4	289.16	1/4		1/4			
1/2	2,454.96	1/2	2,092.84	1/2	1,729.54	1/2	1,364.91	1/2	1,006.27	1/2	646.36	1/2	281.56	1/2		1/2			
3/4	2,447.41	3/4	2,085.31	3/4	1,721.94	3/4	1,357.31	3/4	998.90	3/4	638.76	3/4	273.96	3/4		3/4			
1	2,439.85	1	2,077.78	1	1,714.34	1	1,349.71	1	991.54	1	631.16	1	266.36	1		1			
1/4	2,432.29	1/4	2,070.24	1/4	1,706.75	1/4	1,342.12	1/4	984.17	1/4	623.56	1/4	258.76	1/4		1/4			
1/2	2,424.73	1/2	2,062.71	1/2	1,699.15	1/2	1,334.52	1/2	976.80	1/2	615.96	1/2	251.17	1/2		1/2			
3/4	2,417.18	3/4	2,055.18	3/4	1,691.55	3/4	1,326.92	3/4	969.44	3/4	608.36	3/4	243.57	3/4		3/4			
2	2,409.62	2	2,047.64	2	1,683.96	2	1,319.33	2	962.07	2	600.76	2	235.97	2		2			
1/4	2,402.06	1/4	2,040.11	1/4	1,676.36	1/4	1,311.73	1/4	954.71	1/4	593.15	1/4	228.37	1/4		1/4			
1/2	2,394.50	1/2	2,032.58	1/2	1,668.77	1/2	1,304.13	1/2	947.34	1/2	585.55	1/2	220.76	1/2		1/2			
3/4	2,386.94	3/4	2,025.04	3/4	1,661.17	3/4	1,296.54	3/4	939.97	3/4	577.95	3/4	213.16	3/4		3/4			
3	2,379.39	3	2,017.51	3	1,653.57	3	1,288.94	3	932.61	3	570.35	3	205.56	3		3			
1/4	2,371.83	1/4	2,009.98	1/4	1,645.98	1/4	1,281.34	1/4	925.24	1/4	562.75	1/4	197.96	1/4		1/4			
1/2	2,364.27	1/2	2,002.44	1/2	1,638.38	1/2	1,273.75	1/2	917.87	1/2	555.15	1/2	190.36	1/2		1/2			
3/4	2,356.71	3/4	1,994.91	3/4	1,630.78	3/4	1,266.15	3/4	910.51	3/4	547.55	3/4	182.76	3/4		3/4			
4	2,349.15	4	1,987.38	4	1,623.19	4	1,258.55	4	903.14	4	539.95	4	175.16	4		4			
1/4	2,341.60	1/4	1,979.84	1/4	1,615.59	1/4	1,250.96	1/4	895.77	1/4	532.35	1/4	167.56	1/4		1/4			
1/2	2,334.04	1/2	1,972.31	1/2	1,607.99	1/2	1,243.36	1/2	888.41	1/2	524.75	1/2	159.96	1/2		1/2			
3/4	2,326.48	3/4	1,964.77	3/4	1,600.40	3/4	1,235.76	3/4	881.04	3/4	517.15	3/4	152.36	3/4		3/4			
5	2,318.92	5	1,957.24	5	1,592.80	5	1,228.17	5	873.68	5	509.55	5	144.75	5		5			
1/4	2,311.36	1/4	1,949.71	1/4	1,585.20	1/4	1,220.57	1/4	866.31	1/4	501.95	1/4	137.15	1/4		1/4			
1/2	2,303.82	1/2	1,942.14	1/2	1,577.61	1/2	1,213.08	1/2	858.83	1/2	494.35	1/2	129.55	1/2		1/2			
3/4	2,296.27	3/4	1,934.58	3/4	1,570.01	3/4	1,205.59	3/4	851.34	3/4	486.75	3/4	121.96	3/4		3/4			
6	2,288.73	6	1,927.01	6	1,562.41	6	1,198.10	6	843.86	6	479.15	6	114.36	6		6			
1/4	2,281.18	1/4	1,919.45	1/4	1,554.82	1/4	1,190.61	1/4	836.38	1/4	471.55	1/4	106.76	1/4		1/4			
1/2	2,273.65	1/2	1,911.85	1/2	1,547.22	1/2	1,183.22	1/2	828.78	1/2	463.95	1/2	99.17	1/2		1/2			
3/4	2,266.11	3/4	1,904.26	3/4	1,539.62	3/4	1,175.84	3/4	821.18	3/4	456.35	3/4	91.59	3/4		3/4			
7	2,258.58	7	1,896.66	7	1,532.03	7	1,168.45	7	813.58	7	448.75	7	84.00	7		7			
1/4	2,251.05	1/4	1,889.06	1/4	1,524.43	1/4	1,161.06	1/4	805.97	1/4	441.15	1/4	76.41	1/4		1/4			
1/2	2,243.51	1/2	1,881.47	1/2	1,516.84	1/2	1,153.68	1/2	798.37	1/2	433.55	1/2	69.30	1/2		1/2			
3/4	2,235.98	3/4	1,873.87	3/4	1,509.24	3/4	1,146.30	3/4	790.77	3/4	425.95	3/4	62.18	3/4		3/4			
8	2,228.45	8	1,866.27	8	1,501.64	8	1,138.92	8	783.17	8	418.35	8	55.06	8		8			
1/4	2,220.91	1/4	1,858.68	1/4	1,494.05	1/4	1,131.54	1/4	775.57	1/4	410.75	1/4	47.94	1/4		1/4			
1/2	2,213.38	1/2	1,851.08	1/2	1,486.45	1/2	1,124.17	1/2	767.97	1/2	403.15	1/2	42.24	1/2		1/2			
3/4	2,205.85	3/4	1,843.48	3/4	1,478.85	3/4	1,116.80	3/4	760.37	3/4	395.55	3/4	36.53	3/4		3/4			
9	2,198.31	9	1,835.89	9	1,471.26	9	1,109.42	9	752.77	9	387.95	9	30.82	9		9			
1/4	2,190.78	1/4	1,828.29	1/4	1,463.66	1/4	1,102.05	1/4	745.17	1/4	380.36	1/4	25.11	1/4		1/4			
1/2	2,183.25	1/2	1,820.70	1/2	1,456.06	1/2	1,094.68	1/2	737.57	1/2	372.76	1/2		1/2		1/2			
3/4	2,175.71	3/4	1,813.10	3/4	1,448.47	3/4	1,087.31	3/4	729.97	3/4	365.16	3/4		3/4		3/4			
10	2,168.18	10	1,805.50	10	1,440.87	10	1,079.94	10	722.37	10	357.56	10		10		10			
1/4	2,160.65	1/4	1,797.91	1/4	1,433.27	1/4	1,072.57	1/4	714.77	1/4	349.96	1/4		1/4		1/4			
1/2	2,153.11	1/2	1,790.31	1/2	1,425.68	1/2	1,065.20	1/2	707.17	1/2	342.36	1/2		1/2		1/2			
3/4	2,145.58	3/4	1,782.71	3/4	1,418.08	3/4	1,057.83	3/4	699.56	3/4	334.76	3/4		3/4		3/4			
11	2,138.05	11	1,775.12	11	1,410.48	11	1,050.47	11	691.96	11	327.16	11		11		11			
1/4	2,130.51	1/4	1,767.52	1/4	1,402.89	1/4	1,043.10	1/4	684.36	1/4	319.56	1/4		1/4		1/4			
1/2	2,122.98	1/2	1,759.92	1/2	1,395.29	1/2	1,035.73	1/2	676.76	1/2	311.96	1/2		1/2		1/2			
3/4	2,115.44	3/4	1,752.33	3/4	1,387.69	3/4	1,028.37	3/4	669.16	3/4	304.36	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-10"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	4,594.61	0	4,368.36	0	4,128.50	0	3,877.13	0	3,606.20	0	3,241.98	0	2,876.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.72	1/4	4,363.50	1/4	4,123.33	1/4	3,871.88	1/4	3,598.62	1/4	3,234.37	1/4	2,869.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.83	1/2	4,358.64	1/2	4,118.17	1/2	3,866.62	1/2	3,591.04	1/2	3,226.77	1/2	2,861.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,579.95	3/4	4,353.78	3/4	4,113.01	3/4	3,861.37	3/4	3,583.46	3/4	3,219.17	3/4	2,854.17
1		1		1		1	4,575.06	1	4,348.91	1	4,107.85	1	3,856.11	1	3,575.88	1	3,211.57	1	2,846.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,570.49	1/4	4,344.03	1/4	4,102.66	1/4	3,850.85	1/4	3,568.29	1/4	3,203.96	1/4	2,838.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,565.92	1/2	4,339.14	1/2	4,097.47	1/2	3,845.60	1/2	3,560.71	1/2	3,196.36	1/2	2,831.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,561.35	3/4	4,334.26	3/4	4,092.28	3/4	3,840.34	3/4	3,553.13	3/4	3,188.76	3/4	2,823.75
2		2		2		2	4,556.78	2	4,329.37	2	4,087.09	2	3,835.09	2	3,545.55	2	3,181.15	2	2,816.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,552.19	1/4	4,324.47	1/4	4,081.88	1/4	3,829.83	1/4	3,537.97	1/4	3,173.55	1/4	2,808.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,547.59	1/2	4,319.56	1/2	4,076.66	1/2	3,824.58	1/2	3,530.38	1/2	3,165.95	1/2	2,800.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,543.00	3/4	4,314.65	3/4	4,071.45	3/4	3,819.32	3/4	3,522.80	3/4	3,158.35	3/4	2,793.33
3		3		3		3	4,538.41	3	4,309.74	3	4,066.24	3	3,814.07	3	3,515.22	3	3,150.74	3	2,785.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,533.79	1/4	4,304.81	1/4	4,061.00	1/4	3,808.81	1/4	3,507.64	1/4	3,143.14	1/4	2,778.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,529.18	1/2	4,299.88	1/2	4,055.77	1/2	3,803.55	1/2	3,500.06	1/2	3,135.54	1/2	2,770.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,524.56	3/4	4,294.95	3/4	4,050.53	3/4	3,798.30	3/4	3,492.47	3/4	3,127.94	3/4	2,762.91
4		4		4		4	4,519.94	4	4,290.02	4	4,045.30	4	3,793.04	4	3,484.89	4	3,120.33	4	2,755.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,515.30	1/4	4,285.07	1/4	4,040.05	1/4	3,787.79	1/4	3,477.31	1/4	3,112.73	1/4	2,747.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,510.66	1/2	4,280.11	1/2	4,034.79	1/2	3,782.53	1/2	3,469.73	1/2	3,105.13	1/2	2,740.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,506.02	3/4	4,275.16	3/4	4,029.54	3/4	3,777.28	3/4	3,462.15	3/4	3,097.52	3/4	2,732.48
5		5		5		5	4,501.37	5	4,270.20	5	4,024.29	5	3,772.02	5	3,454.56	5	3,089.92	5	2,724.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,496.71	1/4	4,265.23	1/4	4,019.03	1/4	3,766.76	1/4	3,446.98	1/4	3,082.32	1/4	2,717.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,492.04	1/2	4,260.25	1/2	4,013.78	1/2	3,761.51	1/2	3,439.40	1/2	3,074.72	1/2	2,709.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,487.37	3/4	4,255.27	3/4	4,008.52	3/4	3,756.25	3/4	3,431.82	3/4	3,067.11	3/4	2,702.06
6		6		6		6	4,482.71	6	4,250.29	6	4,003.27	6	3,751.00	6	3,424.24	6	3,059.51	6	2,694.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,478.02	1/4	4,245.29	1/4	3,998.01	1/4	3,745.74	1/4	3,416.65	1/4	3,051.91	1/4	2,686.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,473.33	1/2	4,240.29	1/2	3,992.76	1/2	3,740.49	1/2	3,409.07	1/2	3,044.30	1/2	2,679.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,468.64	3/4	4,235.28	3/4	3,987.50	3/4	3,735.23	3/4	3,401.49	3/4	3,036.70	3/4	2,671.63
7		7		7		7	4,463.95	7	4,230.28	7	3,982.24	7	3,729.98	7	3,393.91	7	3,029.09	7	2,664.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,459.24	1/4	4,225.24	1/4	3,976.99	1/4	3,724.72	1/4	3,386.33	1/4	3,021.49	1/4	2,656.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,454.53	1/2	4,220.20	1/2	3,971.73	1/2	3,719.46	1/2	3,378.74	1/2	3,013.88	1/2	2,648.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,449.82	3/4	4,215.17	3/4	3,966.48	3/4	3,714.21	3/4	3,371.16	3/4	3,006.28	3/4	2,641.19
8		8		8		8	4,445.10	8	4,210.13	8	3,961.22	8	3,708.95	8	3,363.58	8	2,998.67	8	2,633.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,440.35	1/4	4,205.06	1/4	3,955.97	1/4	3,703.70	1/4	3,355.99	1/4	2,991.07	1/4	2,625.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,435.60	1/2	4,200.00	1/2	3,950.71	1/2	3,698.44	1/2	3,348.39	1/2	2,983.46	1/2	2,618.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.86	3/4	4,194.93	3/4	3,945.46	3/4	3,693.19	3/4	3,340.80	3/4	2,975.86	3/4	2,610.74
9		9		9		9	4,426.11	9	4,189.86	9	3,940.20	9	3,687.93	9	3,333.21	9	2,968.25	9	2,603.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,421.32	1/4	4,184.77	1/4	3,934.94	1/4	3,682.09	1/4	3,325.61	1/4	2,960.65	1/4	2,595.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,416.53	1/2	4,179.68	1/2	3,929.69	1/2	3,676.24	1/2	3,318.00	1/2	2,953.04	1/2	2,587.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,411.75	3/4	4,174.59	3/4	3,924.43	3/4	3,670.40	3/4	3,310.40	3/4	2,945.44	3/4	2,580.29
10		10		10		10	4,406.96	10	4,169.50	10	3,919.18	10	3,664.56	10	3,302.80	10	2,937.83	10	2,572.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,402.15	1/4	4,164.39	1/4	3,913.92	1/4	3,657.55	1/4	3,295.19	1/4	2,930.22	1/4	2,565.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,397.34	1/2	4,159.27	1/2	3,908.67	1/2	3,650.54	1/2	3,287.59	1/2	2,922.62	1/2	2,557.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,392.53	3/4	4,154.16	3/4	3,903.41	3/4	3,643.54	3/4	3,279.99	3/4	2,915.01	3/4	2,549.84
11		11		11		11	4,387.71	11	4,149.04	11	3,898.15	11	3,636.53	11	3,272.39	11	2,907.41	11	2,542.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,382.87	1/4	4,143.91	1/4	3,892.90	1/4	3,628.95	1/4	3,264.78	1/4	2,899.80	1/4	2,534.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,378.04	1/2	4,138.77	1/2	3,887.64	1/2	3,621.37	1/2	3,257.18	1/2	2,892.20	1/2	2,527.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,373.20	3/4	4,133.63	3/4	3,882.39	3/4	3,613.79	3/4	3,249.58	3/4	2,884.59	3/4	2,519.38

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 43'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29044"

**3 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-10"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 340"

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	2,511.77	0	2,146.36	0	1,780.95	0	1,415.54	0	1,050.29	0	685.28	0	319.88	0		0			
1/4	2,504.16	1/4	2,138.75	1/4	1,773.34	1/4	1,407.93	1/4	1,042.69	1/4	677.67	1/4	312.27	1/4		1/4		1/4	
1/2	2,496.55	1/2	2,131.14	1/2	1,765.73	1/2	1,400.32	1/2	1,035.09	1/2	670.06	1/2	304.66	1/2		1/2		1/2	
3/4	2,488.93	3/4	2,123.52	3/4	1,758.11	3/4	1,392.70	3/4	1,027.50	3/4	662.44	3/4	297.05	3/4		3/4		3/4	
1	2,481.32	1	2,115.91	1	1,750.50	1	1,385.09	1	1,019.90	1	654.83	1	289.44	1		1		1	
1/4	2,473.71	1/4	2,108.30	1/4	1,742.89	1/4	1,377.48	1/4	1,012.30	1/4	647.22	1/4	281.82	1/4		1/4		1/4	
1/2	2,466.10	1/2	2,100.69	1/2	1,735.28	1/2	1,369.87	1/2	1,004.71	1/2	639.61	1/2	274.21	1/2		1/2		1/2	
3/4	2,458.48	3/4	2,093.07	3/4	1,727.66	3/4	1,362.25	3/4	997.11	3/4	631.99	3/4	266.60	3/4		3/4		3/4	
2	2,450.87	2	2,085.46	2	1,720.05	2	1,354.64	2	989.51	2	624.38	2	258.99	2		2		2	
1/4	2,443.26	1/4	2,077.85	1/4	1,712.44	1/4	1,347.03	1/4	981.91	1/4	616.77	1/4	251.37	1/4		1/4		1/4	
1/2	2,435.64	1/2	2,070.23	1/2	1,704.83	1/2	1,339.42	1/2	974.32	1/2	609.16	1/2	243.76	1/2		1/2		1/2	
3/4	2,428.03	3/4	2,062.62	3/4	1,697.21	3/4	1,331.80	3/4	966.72	3/4	601.54	3/4	236.15	3/4		3/4		3/4	
3	2,420.42	3	2,055.01	3	1,689.60	3	1,324.19	3	959.12	3	593.93	3	228.54	3		3		3	
1/4	2,412.81	1/4	2,047.40	1/4	1,681.99	1/4	1,316.58	1/4	951.52	1/4	586.32	1/4	220.92	1/4		1/4		1/4	
1/2	2,405.19	1/2	2,039.78	1/2	1,674.37	1/2	1,308.97	1/2	943.93	1/2	578.71	1/2	213.31	1/2		1/2		1/2	
3/4	2,397.58	3/4	2,032.17	3/4	1,666.76	3/4	1,301.35	3/4	936.33	3/4	571.09	3/4	205.70	3/4		3/4		3/4	
4	2,389.97	4	2,024.56	4	1,659.15	4	1,293.74	4	928.73	4	563.48	4	198.09	4		4		4	
1/4	2,382.36	1/4	2,016.95	1/4	1,651.54	1/4	1,286.13	1/4	921.13	1/4	555.87	1/4	190.47	1/4		1/4		1/4	
1/2	2,374.74	1/2	2,009.33	1/2	1,643.92	1/2	1,278.51	1/2	913.54	1/2	548.26	1/2	182.86	1/2		1/2		1/2	
3/4	2,367.13	3/4	2,001.72	3/4	1,636.31	3/4	1,270.90	3/4	905.94	3/4	540.64	3/4	175.25	3/4		3/4		3/4	
5	2,359.52	5	1,994.11	5	1,628.70	5	1,263.29	5	898.34	5	533.03	5	167.64	5		5		5	
1/4	2,351.90	1/4	1,986.50	1/4	1,621.09	1/4	1,255.68	1/4	890.74	1/4	525.42	1/4	160.03	1/4		1/4		1/4	
1/2	2,344.29	1/2	1,978.88	1/2	1,613.47	1/2	1,248.06	1/2	883.15	1/2	517.81	1/2	152.41	1/2		1/2		1/2	
3/4	2,336.68	3/4	1,971.27	3/4	1,605.86	3/4	1,240.45	3/4	875.55	3/4	510.19	3/4	144.80	3/4		3/4		3/4	
6	2,329.07	6	1,963.66	6	1,598.25	6	1,232.84	6	867.95	6	502.58	6	137.19	6		6		6	
1/4	2,321.45	1/4	1,956.04	1/4	1,590.63	1/4	1,225.23	1/4	860.35	1/4	494.97	1/4	129.58	1/4		1/4		1/4	
1/2	2,313.84	1/2	1,948.43	1/2	1,583.02	1/2	1,217.61	1/2	852.74	1/2	487.36	1/2	121.98	1/2		1/2		1/2	
3/4	2,306.23	3/4	1,940.82	3/4	1,575.41	3/4	1,210.00	3/4	845.13	3/4	479.75	3/4	114.37	3/4		3/4		3/4	
7	2,298.62	7	1,933.21	7	1,567.80	7	1,202.39	7	837.53	7	472.13	7	106.76	7		7		7	
1/4	2,291.00	1/4	1,925.59	1/4	1,560.18	1/4	1,194.77	1/4	829.92	1/4	464.52	1/4	99.18	1/4		1/4		1/4	
1/2	2,283.39	1/2	1,917.98	1/2	1,552.57	1/2	1,187.16	1/2	822.30	1/2	456.91	1/2	91.59	1/2		1/2		1/2	
3/4	2,275.78	3/4	1,910.37	3/4	1,544.96	3/4	1,179.55	3/4	814.69	3/4	449.30	3/4	84.00	3/4		3/4		3/4	
8	2,268.17	8	1,902.76	8	1,537.35	8	1,171.94	8	807.08	8	441.68	8	76.41	8		8		8	
1/4	2,260.55	1/4	1,895.14	1/4	1,529.73	1/4	1,164.33	1/4	799.47	1/4	434.07	1/4	69.29	1/4		1/4		1/4	
1/2	2,252.94	1/2	1,887.53	1/2	1,522.12	1/2	1,156.72	1/2	791.85	1/2	426.46	1/2	62.18	1/2		1/2		1/2	
3/4	2,245.33	3/4	1,879.92	3/4	1,514.51	3/4	1,149.11	3/4	784.24	3/4	418.85	3/4	55.06	3/4		3/4		3/4	
9	2,237.71	9	1,872.30	9	1,506.90	9	1,141.50	9	776.63	9	411.23	9	47.94	9		9		9	
1/4	2,230.10	1/4	1,864.69	1/4	1,499.28	1/4	1,133.90	1/4	769.02	1/4	403.62	1/4	42.23	1/4		1/4		1/4	
1/2	2,222.49	1/2	1,857.08	1/2	1,491.67	1/2	1,126.29	1/2	761.40	1/2	396.01	1/2	36.52	1/2		1/2		1/2	
3/4	2,214.88	3/4	1,849.47	3/4	1,484.06	3/4	1,118.69	3/4	753.79	3/4	388.40	3/4	30.81	3/4		3/4		3/4	
10	2,207.26	10	1,841.85	10	1,476.44	10	1,111.08	10	746.18	10	380.78	10	25.11	10		10		10	
1/4	2,199.65	1/4	1,834.24	1/4	1,468.83	1/4	1,103.48	1/4	738.57	1/4	373.17	1/4		1/4		1/4		1/4	
1/2	2,192.04	1/2	1,826.63	1/2	1,461.22	1/2	1,095.88	1/2	730.95	1/2	365.56	1/2		1/2		1/2		1/2	
3/4	2,184.43	3/4	1,819.02	3/4	1,453.61	3/4	1,088.28	3/4	723.34	3/4	357.95	3/4		3/4		3/4		3/4	
11	2,176.81	11	1,811.40	11	1,445.99	11	1,080.68	11	715.73	11	350.33	11		11		11		11	
1/4	2,169.20	1/4	1,803.79	1/4	1,438.38	1/4	1,073.08	1/4	708.12	1/4	342.72	1/4		1/4		1/4		1/4	
1/2	2,161.59	1/2	1,796.18	1/2	1,430.77	1/2	1,065.48	1/2	700.50	1/2	335.11	1/2		1/2		1/2		1/2	
3/4	2,153.97	3/4	1,788.57	3/4	1,423.16	3/4	1,057.89	3/4	692.89	3/4	327.50	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2014 PMA
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 340"

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: 04/23/2014 SW
RECALCULATED: 06/07/2019
VERIFIED: 05/21/2024 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 29044"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 340"

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: 04/23/2014 SW
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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 29044"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 340"

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	786	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	790	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	794	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	798	8	8	8	8	8	8	8	8	8	8
1/4	117	1/4	288	1/4	459	1/4	630	1/4	802	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	806	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	810	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	814	9	9	9	9	9	9	9	9	9	9
1/4	132	1/4	303	1/4	474	1/4	644	1/4	818	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	822	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	826	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	830	10	10	10	10	10	10	10	10	10	10
1/4	146	1/4	317	1/4	488	1/4	659	1/4	834	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	838	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	842	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	846	11	11	11	11	11	11	11	11	11	11
1/4	160	1/4	331	1/4	502	1/4	673	1/4	850	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	854	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	858	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: 04/23/2014 SW
RECALCULATED: 06/07/2019
VERIFIED: 05/15/2024 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>