



BARGE "KIRBY 27013"

ULLAGE TRIM TABLE
FORMERLY "CTCO 323"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

May 7, 2024

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27013"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	4,154.95	0	3,891.48	0	3,603.85	0	3,294.76	0	2,967.12	0	2,636.15	0	2,305.17		
1/4	1/4	1/4	1/4	1/4	4,148.50	1/4	3,885.70	1/4	3,597.59	1/4	3,288.08	1/4	2,960.22	1/4	2,629.25	1/4	2,298.28		
1/2	1/2	1/2	1/2	1/2	4,142.04	1/2	3,879.92	1/2	3,591.34	1/2	3,281.41	1/2	2,953.33	1/2	2,622.36	1/2	2,291.38		
3/4	3/4	3/4	3/4	3/4	4,135.59	3/4	3,874.14	3/4	3,585.08	3/4	3,274.73	3/4	2,946.43	3/4	2,615.46	3/4	2,284.49		
1	1	1	1	1	4,129.13	1	3,868.35	1	3,578.82	1	3,268.06	1	2,939.54	1	2,608.56	1	2,277.59		
1/4	1/4	1/4	1/4	1/4	4,124.12	1/4	3,862.53	1/4	3,572.54	1/4	3,261.35	1/4	2,932.64	1/4	2,601.67	1/4	2,270.69		
1/2	1/2	1/2	1/2	1/2	4,119.12	1/2	3,856.71	1/2	3,566.25	1/2	3,254.65	1/2	2,925.75	1/2	2,594.77	1/2	2,263.80		
3/4	3/4	3/4	3/4	3/4	4,114.11	3/4	3,850.89	3/4	3,559.97	3/4	3,247.94	3/4	2,918.85	3/4	2,587.88	3/4	2,256.90		
2	2	2	2	2	4,109.10	2	3,845.07	2	3,553.68	2	3,241.24	2	2,911.96	2	2,580.98	2	2,250.01		
1/4	1/4	1/4	1/4	1/4	4,104.07	1/4	3,839.22	1/4	3,547.37	1/4	3,234.49	1/4	2,905.06	1/4	2,574.09	1/4	2,243.11		
1/2	1/2	1/2	1/2	1/2	4,099.03	1/2	3,833.36	1/2	3,541.05	1/2	3,227.74	1/2	2,898.17	1/2	2,567.19	1/2	2,236.22		
3/4	3/4	3/4	3/4	3/4	4,093.99	3/4	3,827.51	3/4	3,534.73	3/4	3,221.00	3/4	2,891.27	3/4	2,560.30	3/4	2,229.32		
3	3	3	3	3	4,088.96	3	3,821.66	3	3,528.42	3	3,214.25	3	2,884.38	3	2,553.40	3	2,222.43		
1/4	1/4	1/4	1/4	1/4	4,083.87	1/4	3,815.76	1/4	3,522.06	1/4	3,207.47	1/4	2,877.48	1/4	2,546.51	1/4	2,215.53		
1/2	1/2	1/2	1/2	1/2	4,078.79	1/2	3,809.87	1/2	3,515.70	1/2	3,200.70	1/2	2,870.59	1/2	2,539.61	1/2	2,208.64		
3/4	3/4	3/4	3/4	3/4	4,073.71	3/4	3,803.98	3/4	3,509.35	3/4	3,193.92	3/4	2,863.69	3/4	2,532.72	3/4	2,201.74		
4	4	4	4	4	4,068.63	4	3,798.08	4	3,502.99	4	3,187.14	4	2,856.80	4	2,525.82	4	2,194.85		
1/4	1/4	1/4	1/4	1/4	4,063.53	1/4	3,792.16	1/4	3,496.61	1/4	3,180.33	1/4	2,849.90	1/4	2,518.93	1/4	2,187.95		
1/2	1/2	1/2	1/2	1/2	4,058.42	1/2	3,786.23	1/2	3,490.23	1/2	3,173.53	1/2	2,843.00	1/2	2,512.03	1/2	2,181.06		
3/4	3/4	3/4	3/4	3/4	4,053.31	3/4	3,780.31	3/4	3,483.86	3/4	3,166.72	3/4	2,836.11	3/4	2,505.14	3/4	2,174.16		
5	5	5	5	5	4,048.20	5	3,774.39	5	3,477.48	5	3,159.91	5	2,829.21	5	2,498.24	5	2,167.27		
1/4	1/4	1/4	1/4	1/4	4,043.06	1/4	3,768.41	1/4	3,471.06	1/4	3,153.06	1/4	2,822.32	1/4	2,491.34	1/4	2,160.37		
1/2	1/2	1/2	1/2	1/2	4,037.92	1/2	3,762.43	1/2	3,464.64	1/2	3,146.22	1/2	2,815.42	1/2	2,484.45	1/2	2,153.47		
3/4	3/4	3/4	3/4	3/4	4,032.78	3/4	3,756.46	3/4	3,458.22	3/4	3,139.37	3/4	2,808.53	3/4	2,477.55	3/4	2,146.58		
6	6	6	6	6	4,027.64	6	3,750.48	6	3,451.80	6	3,132.52	6	2,801.63	6	2,470.66	6	2,139.68		
1/4	1/4	1/4	1/4	1/4	4,022.05	1/4	3,744.47	1/4	3,445.35	1/4	3,125.65	1/4	2,794.74	1/4	2,463.76	1/4	2,132.79		
1/2	1/2	1/2	1/2	1/2	4,016.47	1/2	3,738.47	1/2	3,438.90	1/2	3,118.77	1/2	2,787.84	1/2	2,456.87	1/2	2,125.89		
3/4	3/4	3/4	3/4	3/4	4,010.88	3/4	3,732.46	3/4	3,432.45	3/4	3,111.90	3/4	2,780.95	3/4	2,449.97	3/4	2,119.00		
7	7	7	7	7	4,284.48	7	4,005.30	7	3,726.46	7	3,426.00	7	3,105.03	7	2,774.05	7	2,443.08	7	2,112.10
1/4	1/4	1/4	1/4	1/4	4,277.99	1/4	3,999.68	1/4	3,720.42	1/4	3,419.51	1/4	3,098.13	1/4	2,767.16	1/4	2,436.18	1/4	2,105.21
1/2	1/2	1/2	1/2	1/2	4,271.50	1/2	3,994.06	1/2	3,714.38	1/2	3,413.02	1/2	3,091.24	1/2	2,760.26	1/2	2,429.29	1/2	2,098.31
3/4	3/4	3/4	3/4	3/4	4,265.01	3/4	3,988.45	3/4	3,708.35	3/4	3,406.52	3/4	3,084.34	3/4	2,753.37	3/4	2,422.39	3/4	2,091.42
8	8	8	8	8	4,258.52	8	3,982.83	8	3,702.31	8	3,400.03	8	3,077.44	8	2,746.47	8	2,415.50	8	2,084.52
1/4	1/4	1/4	1/4	1/4	4,252.03	1/4	3,977.17	1/4	3,696.23	1/4	3,393.51	1/4	3,070.55	1/4	2,739.58	1/4	2,408.60	1/4	2,077.63
1/2	1/2	1/2	1/2	1/2	4,245.54	1/2	3,971.51	1/2	3,690.16	1/2	3,386.99	1/2	3,063.65	1/2	2,732.68	1/2	2,401.71	1/2	2,070.73
3/4	3/4	3/4	3/4	3/4	4,239.05	3/4	3,965.86	3/4	3,684.08	3/4	3,380.47	3/4	3,056.76	3/4	2,725.78	3/4	2,394.81	3/4	2,063.84
9	9	9	9	9	4,232.56	9	3,960.20	9	3,678.01	9	3,373.95	9	3,049.86	9	2,718.89	9	2,387.91	9	2,056.94
1/4	1/4	1/4	1/4	1/4	4,226.07	1/4	3,954.51	1/4	3,671.86	1/4	3,367.38	1/4	3,042.97	1/4	2,711.99	1/4	2,381.02	1/4	2,050.05
1/2	1/2	1/2	1/2	1/2	4,219.58	1/2	3,948.82	1/2	3,665.72	1/2	3,360.82	1/2	3,036.07	1/2	2,705.10	1/2	2,374.12	1/2	2,043.15
3/4	3/4	3/4	3/4	3/4	4,213.09	3/4	3,943.13	3/4	3,659.58	3/4	3,354.26	3/4	3,029.18	3/4	2,698.20	3/4	2,367.23	3/4	2,036.25
10	10	10	10	10	4,206.60	10	3,937.44	10	3,653.44	10	3,347.70	10	3,022.28	10	2,691.31	10	2,360.33	10	2,029.36
1/4	1/4	1/4	1/4	1/4	4,200.15	1/4	3,931.71	1/4	3,647.25	1/4	3,341.10	1/4	3,015.39	1/4	2,684.41	1/4	2,353.44	1/4	2,022.46
1/2	1/2	1/2	1/2	1/2	4,193.69	1/2	3,925.98	1/2	3,641.07	1/2	3,334.49	1/2	3,008.49	1/2	2,677.52	1/2	2,346.54	1/2	2,015.57
3/4	3/4	3/4	3/4	3/4	4,187.23	3/4	3,920.25	3/4	3,634.89	3/4	3,327.89	3/4	3,001.60	3/4	2,670.62	3/4	2,339.65	3/4	2,008.67
11	11	11	11	11	4,180.78	11	3,914.52	11	3,628.70	11	3,321.29	11	2,994.70	11	2,663.73	11	2,332.75	11	2,001.78
1/4	1/4	1/4	1/4	1/4	4,174.32	1/4	3,908.76	1/4	3,622.49	1/4	3,314.66	1/4	2,987.81	1/4	2,656.83	1/4	2,325.86	1/4	1,994.88
1/2	1/2	1/2	1/2	1/2	4,167.87	1/2	3,903.00	1/2	3,616.28	1/2	3,308.02	1/2	2,980.91	1/2	2,649.94	1/2	2,318.96	1/2	1,987.99
3/4	3/4	3/4	3/4	3/4	4,161.41	3/4	3,897.24	3/4	3,610.06	3/4	3,301.39	3/4	2,974.02	3/4	2,643.04	3/4	2,312.07	3/4	1,981.09

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" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27013"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,974.20	0	1,643.22	0	1,312.25	0	981.60	0	666.01	0	375.05	0	105.84	0		0		0	
1/4	1,967.30	1/4	1,636.33	1/4	1,305.35	1/4	974.80	1/4	659.70	1/4	369.24	1/4	100.49	1/4	1/4		1/4		1/4
1/2	1,960.41	1/2	1,629.43	1/2	1,298.46	1/2	968.01	1/2	653.39	1/2	363.44	1/2	95.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.51	3/4	1,622.54	3/4	1,291.56	3/4	961.21	3/4	647.07	3/4	357.63	3/4	89.79	3/4	3/4	3/4	3/4	3/4	3/4
1	1,946.62	1	1,615.64	1	1,284.67	1	954.41	1	640.76	1	351.82	1	84.43	1	1	1	1	1	1
1/4	1,939.72	1/4	1,608.75	1/4	1,277.77	1/4	947.66	1/4	634.48	1/4	346.05	1/4	79.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.83	1/2	1,601.85	1/2	1,270.88	1/2	940.90	1/2	628.21	1/2	340.28	1/2	73.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.93	3/4	1,594.96	3/4	1,263.98	3/4	934.15	3/4	621.93	3/4	334.51	3/4	68.50	3/4	3/4	3/4	3/4	3/4	3/4
2	1,919.03	2	1,588.06	2	1,257.09	2	927.39	2	615.66	2	328.74	2	63.19	2	2	2	2	2	2
1/4	1,912.14	1/4	1,581.16	1/4	1,250.19	1/4	920.68	1/4	609.46	1/4	322.99	1/4	57.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,905.24	1/2	1,574.27	1/2	1,243.30	1/2	913.97	1/2	603.26	1/2	317.24	1/2	52.64	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,898.35	3/4	1,567.37	3/4	1,236.40	3/4	907.25	3/4	597.06	3/4	311.48	3/4	47.37	3/4	3/4	3/4	3/4	3/4	3/4
3	1,891.45	3	1,560.48	3	1,229.50	3	900.54	3	590.86	3	305.73	3	42.10	3	3	3	3	3	3
1/4	1,884.56	1/4	1,553.58	1/4	1,222.61	1/4	893.86	1/4	584.70	1/4	300.02	1/4	37.73	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,877.66	1/2	1,546.69	1/2	1,215.71	1/2	887.19	1/2	578.55	1/2	294.30	1/2	33.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,870.77	3/4	1,539.79	3/4	1,208.82	3/4	880.51	3/4	572.39	3/4	288.59	3/4	28.99	3/4	3/4	3/4	3/4	3/4	3/4
4	1,863.87	4	1,532.90	4	1,201.92	4	873.84	4	566.24	4	282.88	4	24.61	4	4	4	4	4	4
1/4	1,856.98	1/4	1,526.00	1/4	1,195.03	1/4	867.20	1/4	560.12	1/4	277.21	1/4	22.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,850.08	1/2	1,519.11	1/2	1,188.13	1/2	860.57	1/2	554.01	1/2	271.53	1/2	19.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,843.19	3/4	1,512.21	3/4	1,181.24	3/4	853.93	3/4	547.90	3/4	265.86	3/4	16.80	3/4	3/4	3/4	3/4	3/4	3/4
5	1,836.29	5	1,505.32	5	1,174.34	5	847.30	5	541.78	5	260.19	5	14.19	5	5	5	5	5	5
1/4	1,829.40	1/4	1,498.42	1/4	1,167.45	1/4	840.70	1/4	535.71	1/4	254.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,822.50	1/2	1,491.53	1/2	1,160.55	1/2	834.11	1/2	529.63	1/2	248.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,815.60	3/4	1,484.63	3/4	1,153.66	3/4	827.51	3/4	523.56	3/4	243.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,808.71	6	1,477.74	6	1,146.76	6	820.92	6	517.48	6	237.66	6		6	6	6	6	6	6
1/4	1,801.81	1/4	1,470.84	1/4	1,139.87	1/4	814.36	1/4	511.45	1/4	232.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,794.92	1/2	1,463.94	1/2	1,132.97	1/2	807.81	1/2	505.42	1/2	226.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,788.02	3/4	1,457.05	3/4	1,126.08	3/4	801.26	3/4	499.38	3/4	220.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,781.13	7	1,450.15	7	1,119.18	7	794.70	7	493.35	7	215.29	7		7	7	7	7	7	7
1/4	1,774.23	1/4	1,443.26	1/4	1,112.28	1/4	788.19	1/4	487.36	1/4	209.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.34	1/2	1,436.36	1/2	1,105.39	1/2	781.67	1/2	481.36	1/2	204.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,760.44	3/4	1,429.47	3/4	1,098.49	3/4	775.16	3/4	475.37	3/4	198.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,753.55	8	1,422.57	8	1,091.60	8	768.64	8	469.38	8	193.08	8		8	8	8	8	8	8
1/4	1,746.65	1/4	1,415.68	1/4	1,084.70	1/4	762.17	1/4	463.42	1/4	187.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,739.76	1/2	1,408.78	1/2	1,077.81	1/2	755.69	1/2	457.47	1/2	182.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.86	3/4	1,401.89	3/4	1,070.91	3/4	749.22	3/4	451.52	3/4	176.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,725.97	9	1,394.99	9	1,064.02	9	742.74	9	445.57	9	171.03	9		9	9	9	9	9	9
1/4	1,719.07	1/4	1,388.10	1/4	1,057.12	1/4	736.31	1/4	439.65	1/4	165.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,712.18	1/2	1,381.20	1/2	1,050.23	1/2	729.88	1/2	433.74	1/2	160.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,705.28	3/4	1,374.31	3/4	1,043.33	3/4	723.44	3/4	427.82	3/4	154.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,698.38	10	1,367.41	10	1,036.44	10	717.01	10	421.91	10	149.14	10		10	10	10	10	10	10
1/4	1,691.49	1/4	1,360.52	1/4	1,029.56	1/4	710.61	1/4	416.04	1/4	143.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,684.59	1/2	1,353.62	1/2	1,022.69	1/2	704.22	1/2	410.16	1/2	138.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,677.70	3/4	1,346.72	3/4	1,015.81	3/4	697.82	3/4	404.29	3/4	132.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,670.80	11	1,339.83	11	1,008.94	11	691.43	11	398.42	11	127.41	11		11	11	11	11	11	11
1/4	1,663.91	1/4	1,332.93	1/4	1,002.10	1/4	685.08	1/4	392.58	1/4	122.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,657.01	1/2	1,326.04	1/2	995.27	1/2	678.72	1/2	386.73	1/2	116.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,650.12	3/4	1,319.14	3/4	988.43	3/4	672.37	3/4	380.89	3/4	111.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
VERIFIED: 05/07/2024

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 27013"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4		
0		0		0		4,140.82		0	3,879.16	0	3,589.83	0	3,279.18	0	2,950.50	0	2,619.18	0	2,287.87		
1/4	1/4	1/4	1/4	1/4	1/4	4,134.36	1/4	1/4	3,873.37	1/4	3,583.57	1/4	3,272.50	1/4	2,943.60	1/4	2,612.28	1/4	2,280.97		
1/2	1/2	1/2	1/2	1/2	1/2	4,129.34	1/2	1/2	3,867.54	1/2	3,577.28	1/2	3,265.79	1/2	2,936.69	1/2	2,605.38	1/2	2,274.06		
3/4	3/4	3/4	3/4	3/4	3/4	4,124.33	3/4	3/4	3,861.72	3/4	3,570.99	3/4	3,259.08	3/4	2,929.79	3/4	2,598.48	3/4	2,267.16		
1	1	1	1	1	1	4,119.32	1	1	3,855.89	1	3,564.70	1	3,252.36	1	2,922.89	1	2,591.57	1	2,260.26		
1/4	1/4	1/4	1/4	1/4	1/4	4,114.31	1/4	1/4	3,850.06	1/4	3,558.41	1/4	3,245.65	1/4	2,915.99	1/4	2,584.67	1/4	2,253.36		
1/2	1/2	1/2	1/2	1/2	1/2	4,109.27	1/2	1/2	3,844.21	1/2	3,552.08	1/2	3,238.90	1/2	2,909.08	1/2	2,577.77	1/2	2,246.45		
3/4	3/4	3/4	3/4	3/4	3/4	4,104.23	3/4	3/4	3,838.35	3/4	3,545.76	3/4	3,232.14	3/4	2,902.18	3/4	2,570.87	3/4	2,239.55		
2	2	2	2	2	2	4,099.19	2	2	3,832.49	2	3,539.44	2	3,225.39	2	2,895.28	2	2,563.96	2	2,232.65		
1/4	1/4	1/4	1/4	1/4	1/4	4,094.15	1/4	1/4	3,826.63	1/4	3,533.11	1/4	3,218.63	1/4	2,888.38	1/4	2,557.06	1/4	2,225.75		
1/2	1/2	1/2	1/2	1/2	1/2	4,089.07	1/2	1/2	3,820.73	1/2	3,526.75	1/2	3,211.85	1/2	2,881.47	1/2	2,550.16	1/2	2,218.84		
3/4	3/4	3/4	3/4	3/4	3/4	4,083.98	3/4	3/4	3,814.83	3/4	3,520.39	3/4	3,205.07	3/4	2,874.57	3/4	2,543.26	3/4	2,211.94		
3	3	3	3	3	3	4,078.90	3	3	3,808.93	3	3,514.03	3	3,198.28	3	2,867.67	3	2,536.35	3	2,205.04		
1/4	1/4	1/4	1/4	1/4	1/4	4,073.81	1/4	1/4	3,803.04	1/4	3,507.67	1/4	3,191.50	1/4	2,860.77	1/4	2,529.45	1/4	2,198.14		
1/2	1/2	1/2	1/2	1/2	1/2	4,068.70	1/2	1/2	3,797.11	1/2	3,501.28	1/2	3,184.68	1/2	2,853.87	1/2	2,522.55	1/2	2,191.23		
3/4	3/4	3/4	3/4	3/4	3/4	4,063.59	3/4	3/4	3,791.18	3/4	3,494.90	3/4	3,177.87	3/4	2,846.96	3/4	2,515.65	3/4	2,184.33		
4	4	4	4	4	4	4,058.48	4	4	3,785.25	4	3,488.51	4	3,171.05	4	2,840.06	4	2,508.75	4	2,177.43		
1/4	1/4	1/4	1/4	1/4	1/4	4,053.36	1/4	1/4	3,779.32	1/4	3,482.13	1/4	3,164.24	1/4	2,833.16	1/4	2,501.84	1/4	2,170.53		
1/2	1/2	1/2	1/2	1/2	1/2	4,048.22	1/2	1/2	3,773.33	1/2	3,475.70	1/2	3,157.38	1/2	2,826.26	1/2	2,494.94	1/2	2,163.63		
3/4	3/4	3/4	3/4	3/4	3/4	4,043.08	3/4	3/4	3,767.35	3/4	3,469.28	3/4	3,150.53	3/4	2,819.35	3/4	2,488.04	3/4	2,156.72		
5	5	5	5	5	5	4,037.93	5	5	3,761.37	5	3,462.85	5	3,143.68	5	2,812.45	5	2,481.14	5	2,149.82		
1/4	1/4	1/4	1/4	1/4	1/4	4,032.79	1/4	1/4	3,755.39	1/4	3,456.43	1/4	3,136.82	1/4	2,805.55	1/4	2,474.23	1/4	2,142.92		
1/2	1/2	1/2	1/2	1/2	1/2	4,027.20	1/2	1/2	3,749.38	1/2	3,449.97	1/2	3,129.93	1/2	2,798.65	1/2	2,467.33	1/2	2,136.02		
3/4	3/4	3/4	3/4	3/4	3/4	4,021.61	3/4	3/4	3,743.37	3/4	3,443.51	3/4	3,123.04	3/4	2,791.74	3/4	2,460.43	3/4	2,129.11		
6	6	6	6	6	6	4,016.02	6	6	3,737.36	6	3,437.06	6	3,116.15	6	2,784.84	6	2,453.53	6	2,122.21		
1/4	1/4	1/4	1/4	1/4	1/4	4,289.86	1/4	1/4	4,010.43	1/4	3,731.35	1/4	3,430.60	1/4	3,109.25	1/4	2,777.94	1/4	2,446.62	1/4	2,115.31
1/2	1/2	1/2	1/2	1/2	1/2	4,283.36	1/2	1/2	4,004.81	1/2	3,725.30	1/2	3,424.10	1/2	3,102.35	1/2	2,771.04	1/2	2,439.72	1/2	2,108.41
3/4	3/4	3/4	3/4	3/4	3/4	4,276.87	3/4	3/4	3,999.18	3/4	3,719.26	3/4	3,417.60	3/4	3,095.45	3/4	2,764.13	3/4	2,432.82	3/4	2,101.50
7	7	7	7	7	7	4,270.37	7	7	3,993.56	7	3,713.22	7	3,411.10	7	3,088.55	7	2,757.23	7	2,425.92	7	2,094.60
1/4	1/4	1/4	1/4	1/4	1/4	4,263.87	1/4	1/4	3,987.94	1/4	3,707.18	1/4	3,404.60	1/4	3,081.64	1/4	2,750.33	1/4	2,419.01	1/4	2,087.70
1/2	1/2	1/2	1/2	1/2	1/2	4,257.38	1/2	1/2	3,982.28	1/2	3,701.09	1/2	3,398.08	1/2	3,074.74	1/2	2,743.43	1/2	2,412.11	1/2	2,080.80
3/4	3/4	3/4	3/4	3/4	3/4	4,250.88	3/4	3/4	3,976.62	3/4	3,695.01	3/4	3,391.55	3/4	3,067.84	3/4	2,736.52	3/4	2,405.21	3/4	2,073.89
8	8	8	8	8	8	4,244.38	8	8	3,970.95	8	3,688.93	8	3,385.02	8	3,060.94	8	2,729.62	8	2,398.31	8	2,066.99
1/4	1/4	1/4	1/4	1/4	1/4	4,237.89	1/4	1/4	3,965.29	1/4	3,682.85	1/4	3,378.49	1/4	3,054.03	1/4	2,722.72	1/4	2,391.40	1/4	2,060.09
1/2	1/2	1/2	1/2	1/2	1/2	4,231.39	1/2	1/2	3,959.60	1/2	3,676.70	1/2	3,371.92	1/2	3,047.13	1/2	2,715.82	1/2	2,384.50	1/2	2,053.19
3/4	3/4	3/4	3/4	3/4	3/4	4,224.89	3/4	3/4	3,953.91	3/4	3,670.55	3/4	3,365.36	3/4	3,040.23	3/4	2,708.91	3/4	2,377.60	3/4	2,046.28
9	9	9	9	9	9	4,218.40	9	9	3,948.21	9	3,664.40	9	3,358.79	9	3,033.33	9	2,702.01	9	2,370.70	9	2,039.38
1/4	1/4	1/4	1/4	1/4	1/4	4,211.90	1/4	1/4	3,942.52	1/4	3,658.25	1/4	3,352.22	1/4	3,026.43	1/4	2,695.11	1/4	2,363.79	1/4	2,032.48
1/2	1/2	1/2	1/2	1/2	1/2	4,205.44	1/2	1/2	3,936.78	1/2	3,652.07	1/2	3,345.61	1/2	3,019.52	1/2	2,688.21	1/2	2,356.89	1/2	2,025.58
3/4	3/4	3/4	3/4	3/4	3/4	4,198.98	3/4	3/4	3,931.05	3/4	3,645.88	3/4	3,339.00	3/4	3,012.62	3/4	2,681.31	3/4	2,349.99	3/4	2,018.67
10	10	10	10	10	10	4,192.51	10	10	3,925.31	10	3,639.69	10	3,332.39	10	3,005.72	10	2,674.40	10	2,343.09	10	2,011.77
1/4	1/4	1/4	1/4	1/4	1/4	4,186.05	1/4	1/4	3,919.57	1/4	3,633.50	1/4	3,325.78	1/4	2,998.82	1/4	2,667.50	1/4	2,336.19	1/4	2,004.87
1/2	1/2	1/2	1/2	1/2	1/2	4,179.59	1/2	1/2	3,913.81	1/2	3,627.28	1/2	3,319.14	1/2	2,991.91	1/2	2,660.60	1/2	2,329.28	1/2	1,997.97
3/4	3/4	3/4	3/4	3/4	3/4	4,173.13	3/4	3/4	3,908.05	3/4	3,621.06	3/4	3,312.50	3/4	2,985.01	3/4	2,653.70	3/4	2,322.38	3/4	1,991.07
11	11	11	11	11	11	4,166.67	11	11	3,902.28	11	3,614.84	11	3,305.86	11	2,978.11	11	2,646.79	11	2,315.48	11	1,984.16
1/4	1/4	1/4	1/4	1/4	1/4	4,160.20	1/4	1/4	3,896.52	1/4	3,608.62	1/4	3,299.22	1/4	2,971.21	1/4	2,639.89	1/4	2,308.58	1/4	1,977.26
1/2	1/2	1/2	1/2	1/2	1/2	4,153.74	1/2	1/2	3,890.73	1/2	3,602.36	1/2	3,292.54	1/2	2,964.30	1/2	2,632.99	1/2	2,301.67	1/2	1,970.36
3/4	3/4	3/4	3/4	3/4	3/4	4,147.28	3/4	3/4	3,884.94	3/4	3,596.10	3/4	3,285.86	3/4	2,957.40	3/4	2,626.09	3/4	2,294.77	3/4	1,963.46

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" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27013"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,956.55	0	1,625.24	0	1,293.92	0	963.23	0	648.78	0	358.04	0	89.85	0		0		0	
1/4	1,949.65	1/4	1,618.34	1/4	1,287.02	1/4	956.43	1/4	642.46	1/4	352.20	1/4	84.50	1/4	1/4		1/4		1/4
1/2	1,942.75	1/2	1,611.43	1/2	1,280.12	1/2	949.66	1/2	636.17	1/2	346.40	1/2	79.18	1/2	1/2		1/2		1/2
3/4	1,935.85	3/4	1,604.53	3/4	1,273.22	3/4	942.90	3/4	629.89	3/4	340.60	3/4	73.87	3/4	3/4		3/4		3/4
1	1,928.94	1	1,597.63	1	1,266.31	1	936.14	1	623.61	1	334.81	1	68.55	1	1		1		1
1/4	1,922.04	1/4	1,590.73	1/4	1,259.41	1/4	929.38	1/4	617.33	1/4	329.01	1/4	63.23	1/4	1/4		1/4		1/4
1/2	1,915.14	1/2	1,583.82	1/2	1,252.51	1/2	922.66	1/2	611.10	1/2	323.25	1/2	57.96	1/2	1/2		1/2		1/2
3/4	1,908.24	3/4	1,576.92	3/4	1,245.61	3/4	915.94	3/4	604.87	3/4	317.49	3/4	52.68	3/4	3/4		3/4		3/4
2	1,901.33	2	1,570.02	2	1,238.70	2	909.21	2	598.64	2	311.73	2	47.41	2	2		2		2
1/4	1,894.43	1/4	1,563.12	1/4	1,231.80	1/4	902.49	1/4	592.41	1/4	305.98	1/4	42.13	1/4	1/4		1/4		1/4
1/2	1,887.53	1/2	1,556.21	1/2	1,224.90	1/2	895.81	1/2	586.23	1/2	300.26	1/2	37.76	1/2	1/2		1/2		1/2
3/4	1,880.63	3/4	1,549.31	3/4	1,218.00	3/4	889.13	3/4	580.04	3/4	294.54	3/4	33.38	3/4	3/4		3/4		3/4
3	1,873.72	3	1,542.41	3	1,211.09	3	882.45	3	573.86	3	288.82	3	29.01	3	3		3		3
1/4	1,866.82	1/4	1,535.51	1/4	1,204.19	1/4	875.77	1/4	567.68	1/4	283.11	1/4	24.63	1/4	1/4		1/4		1/4
1/2	1,859.92	1/2	1,528.60	1/2	1,197.29	1/2	869.12	1/2	561.53	1/2	277.43	1/2	22.03	1/2	1/2		1/2		1/2
3/4	1,853.02	3/4	1,521.70	3/4	1,190.39	3/4	862.48	3/4	555.39	3/4	271.75	3/4	19.42	3/4	3/4		3/4		3/4
4	1,846.11	4	1,514.80	4	1,183.48	4	855.84	4	549.24	4	266.07	4	16.81	4	4		4		4
1/4	1,839.21	1/4	1,507.90	1/4	1,176.58	1/4	849.20	1/4	543.10	1/4	260.40	1/4	14.21	1/4	1/4		1/4		1/4
1/2	1,832.31	1/2	1,500.99	1/2	1,169.68	1/2	842.60	1/2	537.00	1/2	254.76	1/2		1/2	1/2		1/2		1/2
3/4	1,825.41	3/4	1,494.09	3/4	1,162.78	3/4	836.00	3/4	530.89	3/4	249.12	3/4		3/4	3/4		3/4		3/4
5	1,818.51	5	1,487.19	5	1,155.87	5	829.40	5	524.79	5	243.48	5		5	5		5		5
1/4	1,811.60	1/4	1,480.29	1/4	1,148.97	1/4	822.79	1/4	518.69	1/4	237.85	1/4		1/4	1/4		1/4		1/4
1/2	1,804.70	1/2	1,473.39	1/2	1,142.07	1/2	816.23	1/2	512.62	1/2	232.25	1/2		1/2	1/2		1/2		1/2
3/4	1,797.80	3/4	1,466.48	3/4	1,135.17	3/4	809.67	3/4	506.56	3/4	226.65	3/4		3/4	3/4		3/4		3/4
6	1,790.90	6	1,459.58	6	1,128.27	6	803.11	6	500.49	6	221.06	6		6	6		6		6
1/4	1,783.99	1/4	1,452.68	1/4	1,121.36	1/4	796.55	1/4	494.43	1/4	215.46	1/4		1/4	1/4		1/4		1/4
1/2	1,777.09	1/2	1,445.78	1/2	1,114.46	1/2	790.03	1/2	488.41	1/2	209.90	1/2		1/2	1/2		1/2		1/2
3/4	1,770.19	3/4	1,438.87	3/4	1,107.56	3/4	783.51	3/4	482.39	3/4	204.34	3/4		3/4	3/4		3/4		3/4
7	1,763.29	7	1,431.97	7	1,100.66	7	776.99	7	476.36	7	198.79	7		7	7		7		7
1/4	1,756.38	1/4	1,425.07	1/4	1,093.75	1/4	770.47	1/4	470.34	1/4	193.23	1/4		1/4	1/4		1/4		1/4
1/2	1,749.48	1/2	1,418.17	1/2	1,086.85	1/2	763.98	1/2	464.36	1/2	187.71	1/2		1/2	1/2		1/2		1/2
3/4	1,742.58	3/4	1,411.26	3/4	1,079.95	3/4	757.50	3/4	458.38	3/4	182.20	3/4		3/4	3/4		3/4		3/4
8	1,735.68	8	1,404.36	8	1,073.05	8	751.02	8	452.40	8	176.68	8		8	8		8		8
1/4	1,728.77	1/4	1,397.46	1/4	1,066.14	1/4	744.54	1/4	446.41	1/4	171.16	1/4		1/4	1/4		1/4		1/4
1/2	1,721.87	1/2	1,390.56	1/2	1,059.24	1/2	738.10	1/2	440.47	1/2	165.69	1/2		1/2	1/2		1/2		1/2
3/4	1,714.97	3/4	1,383.65	3/4	1,052.34	3/4	731.66	3/4	434.53	3/4	160.21	3/4		3/4	3/4		3/4		3/4
9	1,708.07	9	1,376.75	9	1,045.44	9	725.22	9	428.58	9	154.73	9		9	9		9		9
1/4	1,701.16	1/4	1,369.85	1/4	1,038.53	1/4	718.78	1/4	422.64	1/4	149.26	1/4		1/4	1/4		1/4		1/4
1/2	1,694.26	1/2	1,362.95	1/2	1,031.65	1/2	712.38	1/2	416.74	1/2	143.82	1/2		1/2	1/2		1/2		1/2
3/4	1,687.36	3/4	1,356.04	3/4	1,024.77	3/4	705.98	3/4	410.84	3/4	138.38	3/4		3/4	3/4		3/4		3/4
10	1,680.46	10	1,349.14	10	1,017.89	10	699.58	10	404.93	10	132.95	10		10	10		10		10
1/4	1,673.55	1/4	1,342.24	1/4	1,011.00	1/4	693.18	1/4	399.03	1/4	127.51	1/4		1/4	1/4		1/4		1/4
1/2	1,666.65	1/2	1,335.34	1/2	1,004.16	1/2	686.82	1/2	393.16	1/2	122.11	1/2		1/2	1/2		1/2		1/2
3/4	1,659.75	3/4	1,328.43	3/4	997.32	3/4	680.46	3/4	387.29	3/4	116.72	3/4		3/4	3/4		3/4		3/4
11	1,652.85	11	1,321.53	11	990.48	11	674.10	11	381.42	11	111.32	11		11	11		11		11
1/4	1,645.95	1/4	1,314.63	1/4	983.64	1/4	667.74	1/4	375.55	1/4	105.92	1/4		1/4	1/4		1/4		1/4
1/2	1,639.04	1/2	1,307.73	1/2	976.83	1/2	661.42	1/2	369.71	1/2	100.57	1/2		1/2	1/2		1/2		1/2
3/4	1,632.14	3/4	1,300.83	3/4	970.03	3/4	655.10	3/4	363.88	3/4	95.21	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
VERIFIED: 05/07/2024

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 27013"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4
0		0		0		5,015.38		4,708.15		4,369.91		4,006.63		3,622.05		3,234.10		2,846.16	
1/4		1/4		1/4		5,007.81		4,701.38		4,362.57		3,998.80		3,613.96		3,226.02		2,838.08	
1/2		1/2		1/2		5,000.25		4,694.60		4,355.24		3,990.98		3,605.88		3,217.94		2,830.00	
3/4		3/4		3/4		4,994.38		4,687.78		4,347.87		3,983.12		3,597.80		3,209.86		2,821.92	
1		1		1		4,988.51		4,680.95		4,340.50		3,975.26		3,589.72		3,201.78		2,813.84	
1/4		1/4		1/4		4,982.64		4,674.13		4,333.14		3,967.40		3,581.63		3,193.69		2,805.75	
1/2		1/2		1/2		4,976.77		4,667.31		4,325.77		3,959.54		3,573.55		3,185.61		2,797.67	
3/4		3/4		3/4		4,970.87		4,660.45		4,318.37		3,951.63		3,565.47		3,177.53		2,789.59	
2		2		2		4,964.97		4,653.59		4,310.96		3,943.73		3,557.39		3,169.45		2,781.51	
1/4		1/4		1/4		4,959.06		4,646.73		4,303.56		3,935.82		3,549.31		3,161.37		2,773.42	
1/2		1/2		1/2		4,953.16		4,639.87		4,296.15		3,927.91		3,541.22		3,153.28		2,765.34	
3/4		3/4		3/4		4,947.20		4,632.96		4,288.70		3,919.96		3,533.14		3,145.20		2,757.26	
3		3		3		4,941.25		4,626.05		4,281.25		3,912.02		3,525.06		3,137.12		2,749.18	
1/4		1/4		1/4		4,935.29		4,619.14		4,273.80		3,904.08		3,516.98		3,129.04		2,741.10	
1/2		1/2		1/2		4,929.34		4,612.23		4,266.35		3,896.14		3,508.90		3,120.95		2,733.01	
3/4		3/4		3/4		4,923.35		4,605.29		4,258.88		3,888.16		3,500.81		3,112.87		2,724.93	
4		4		4		4,917.36		4,598.35		4,251.40		3,880.18		3,492.73		3,104.79		2,716.85	
1/4		1/4		1/4		4,911.38		4,591.40		4,243.92		3,872.20		3,484.65		3,096.71		2,708.77	
1/2		1/2		1/2		4,905.39		4,584.46		4,236.45		3,864.22		3,476.57		3,088.63		2,700.69	
3/4		3/4		3/4		4,899.36		4,577.45		4,228.92		3,856.19		3,468.49		3,080.54		2,692.60	
5		5		5		4,893.34		4,570.45		4,221.40		3,848.16		3,460.40		3,072.46		2,684.52	
1/4		1/4		1/4		4,887.31		4,563.44		4,213.87		3,840.14		3,452.32		3,064.38		2,676.44	
1/2		1/2		1/2		4,881.29		4,556.44		4,206.35		3,832.11		3,444.24		3,056.30		2,668.36	
3/4		3/4		3/4		4,874.74		4,549.40		4,198.79		3,824.05		3,436.16		3,048.22		2,660.28	
6		6		6		4,868.20		4,542.36		4,191.23		3,815.98		3,428.07		3,040.13		2,652.19	
1/4		1/4		1/4		4,861.65		4,535.32		4,183.67		3,807.92		3,419.99		3,032.05		2,644.11	
1/2		1/2		1/2		5,182.33		4,855.10		4,528.29		4,176.11		3,799.85		3,411.91		3,023.97	
3/4		3/4		3/4		5,174.72		4,848.52		4,521.21		4,168.50		3,791.77		3,403.83		3,015.89	
7		7		7		5,167.12		4,841.94		4,514.13		4,160.89		3,783.69		3,395.75		3,007.81	
1/4		1/4		1/4		5,159.51		4,835.35		4,507.06		4,153.28		3,775.60		3,387.66		2,999.72	
1/2		1/2		1/2		5,151.90		4,828.77		4,499.98		4,145.67		3,767.52		3,379.58		2,991.64	
3/4		3/4		3/4		5,144.30		4,822.14		4,492.86		4,138.03		3,759.44		3,371.50		2,983.56	
8		8		8		5,136.69		4,815.51		4,485.74		4,130.38		3,751.36		3,363.42		2,975.48	
1/4		1/4		1/4		5,129.08		4,808.88		4,478.62		4,122.74		3,743.28		3,355.34		2,967.39	
1/2		1/2		1/2		5,121.47		4,802.24		4,471.49		4,115.10		3,735.19		3,347.25		2,959.31	
3/4		3/4		3/4		5,113.87		4,795.58		4,464.30		4,107.40		3,727.11		3,339.17		2,951.23	
9		9		9		5,106.26		4,788.91		4,457.10		4,099.71		3,719.03		3,331.09		2,943.15	
1/4		1/4		1/4		5,098.65		4,782.24		4,449.90		4,092.02		3,710.95		3,323.01		2,935.07	
1/2		1/2		1/2		5,091.04		4,775.58		4,442.70		4,084.33		3,702.87		3,314.93		2,926.98	
3/4		3/4		3/4		5,083.48		4,768.86		4,435.45		4,076.59		3,694.78		3,306.84		2,918.90	
10		10		10		5,075.91		4,762.14		4,428.20		4,068.85		3,686.70		3,298.76		2,910.82	
1/4		1/4		1/4		5,068.35		4,755.42		4,420.95		4,061.11		3,678.62		3,290.68		2,902.74	
1/2		1/2		1/2		5,060.78		4,748.71		4,413.71		4,053.37		3,670.54		3,282.60		2,894.66	
3/4		3/4		3/4		5,053.21		4,741.96		4,406.42		4,045.60		3,662.46		3,274.51		2,886.57	
11		11		11		5,045.65		4,735.21		4,399.14		4,037.82		3,654.37		3,266.43		2,878.49	
1/4		1/4		1/4		5,038.08		4,728.46		4,391.86		4,030.05		3,646.29		3,258.35		2,870.41	
1/2		1/2		1/2		5,030.51		4,721.71		4,384.57		4,022.27		3,638.21		3,250.27		2,862.33	
3/4		3/4		3/4		5,022.95		4,714.93		4,377.24		4,014.45		3,630.13		3,242.19		2,854.25	

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" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27013"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,458.22	0	2,070.28	0	1,682.34	0	1,294.40	0	906.46	0	532.58	0	145.88	0		0			
1/4	2,450.14	1/4	2,062.20	1/4	1,674.26	1/4	1,286.32	1/4	898.38	1/4	524.81	1/4	137.79	1/4	1/4				1/4
1/2	2,442.06	1/2	2,054.12	1/2	1,666.18	1/2	1,278.24	1/2	890.30	1/2	517.03	1/2	129.71	1/2	1/2				1/2
3/4	2,433.98	3/4	2,046.04	3/4	1,658.09	3/4	1,270.15	3/4	882.37	3/4	509.10	3/4	121.63	3/4	3/4				3/4
1	2,425.89	1	2,037.95	1	1,650.01	1	1,262.07	1	874.44	1	501.17	1	113.55	1	1				1
1/4	2,417.81	1/4	2,029.87	1/4	1,641.93	1/4	1,253.99	1/4	866.51	1/4	493.24	1/4	105.47	1/4	1/4				1/4
1/2	2,409.73	1/2	2,021.79	1/2	1,633.85	1/2	1,245.91	1/2	858.58	1/2	485.31	1/2	97.38	1/2	1/2				1/2
3/4	2,401.65	3/4	2,013.71	3/4	1,625.77	3/4	1,237.83	3/4	850.61	3/4	477.23	3/4	89.30	3/4	3/4				3/4
2	2,393.57	2	2,005.63	2	1,617.68	2	1,229.74	2	843.04	2	469.15	2	81.22	2	2				2
1/4	2,385.48	1/4	1,997.54	1/4	1,609.60	1/4	1,221.66	1/4	835.28	1/4	461.07	1/4	73.14	1/4	1/4				1/4
1/2	2,377.40	1/2	1,989.46	1/2	1,601.52	1/2	1,213.58	1/2	827.51	1/2	452.98	1/2	65.06	1/2	1/2				1/2
3/4	2,369.32	3/4	1,981.38	3/4	1,593.44	3/4	1,205.50	3/4	819.75	3/4	444.90	3/4	57.99	3/4	3/4				3/4
3	2,361.24	3	1,973.30	3	1,585.36	3	1,197.42	3	811.99	3	436.82	3	50.91	3	3				3
1/4	2,353.16	1/4	1,965.21	1/4	1,577.27	1/4	1,189.33	1/4	804.23	1/4	428.74	1/4	43.84	1/4	1/4				1/4
1/2	2,345.07	1/2	1,957.13	1/2	1,569.19	1/2	1,181.25	1/2	796.47	1/2	420.66	1/2	36.77	1/2	1/2				1/2
3/4	2,336.99	3/4	1,949.05	3/4	1,561.11	3/4	1,173.17	3/4	788.71	3/4	412.58	3/4	31.72	3/4	3/4				3/4
4	2,328.91	4	1,940.97	4	1,553.03	4	1,165.09	4	780.95	4	404.49	4	26.67	4	4				4
1/4	2,320.83	1/4	1,932.89	1/4	1,544.95	1/4	1,157.00	1/4	773.19	1/4	396.41	1/4	21.61	1/4	1/4				1/4
1/2	2,312.74	1/2	1,924.80	1/2	1,536.86	1/2	1,148.92	1/2	765.43	1/2	388.33	1/2	16.56	1/2	1/2				1/2
3/4	2,304.66	3/4	1,916.72	3/4	1,528.78	3/4	1,140.84	3/4	757.67	3/4	380.25	3/4		3/4	3/4				3/4
5	2,296.58	5	1,908.64	5	1,520.70	5	1,132.76	5	749.91	5	372.17	5		5	5				5
1/4	2,288.50	1/4	1,900.56	1/4	1,512.62	1/4	1,124.68	1/4	742.15	1/4	364.08	1/4		1/4	1/4				1/4
1/2	2,280.42	1/2	1,892.48	1/2	1,504.53	1/2	1,116.59	1/2	734.39	1/2	356.00	1/2		1/2	1/2				1/2
3/4	2,272.33	3/4	1,884.39	3/4	1,496.45	3/4	1,108.51	3/4	726.63	3/4	347.92	3/4		3/4	3/4				3/4
6	2,264.25	6	1,876.31	6	1,488.37	6	1,100.43	6	718.87	6	339.84	6		6	6				6
1/4	2,256.17	1/4	1,868.23	1/4	1,480.29	1/4	1,092.35	1/4	711.11	1/4	331.76	1/4		1/4	1/4				1/4
1/2	2,248.09	1/2	1,860.15	1/2	1,472.21	1/2	1,084.27	1/2	703.35	1/2	323.68	1/2		1/2	1/2				1/2
3/4	2,240.01	3/4	1,852.07	3/4	1,464.12	3/4	1,076.18	3/4	695.59	3/4	315.59	3/4		3/4	3/4				3/4
7	2,231.92	7	1,843.98	7	1,456.04	7	1,068.10	7	687.83	7	307.51	7		7	7				7
1/4	2,223.84	1/4	1,835.90	1/4	1,447.96	1/4	1,060.02	1/4	680.07	1/4	299.43	1/4		1/4	1/4				1/4
1/2	2,215.76	1/2	1,827.82	1/2	1,439.88	1/2	1,051.94	1/2	672.31	1/2	291.35	1/2		1/2	1/2				1/2
3/4	2,207.68	3/4	1,819.74	3/4	1,431.80	3/4	1,043.86	3/4	664.56	3/4	283.27	3/4		3/4	3/4				3/4
8	2,199.60	8	1,811.65	8	1,423.71	8	1,035.77	8	656.80	8	275.18	8		8	8				8
1/4	2,191.51	1/4	1,803.57	1/4	1,415.63	1/4	1,027.69	1/4	649.04	1/4	267.10	1/4		1/4	1/4				1/4
1/2	2,183.43	1/2	1,795.49	1/2	1,407.55	1/2	1,019.61	1/2	641.28	1/2	259.02	1/2		1/2	1/2				1/2
3/4	2,175.35	3/4	1,787.41	3/4	1,399.47	3/4	1,011.53	3/4	633.52	3/4	250.94	3/4		3/4	3/4				3/4
9	2,167.27	9	1,779.33	9	1,391.39	9	1,003.44	9	625.76	9	242.86	9		9	9				9
1/4	2,159.18	1/4	1,771.24	1/4	1,383.30	1/4	995.36	1/4	618.00	1/4	234.78	1/4		1/4	1/4				1/4
1/2	2,151.10	1/2	1,763.16	1/2	1,375.22	1/2	987.28	1/2	610.24	1/2	226.69	1/2		1/2	1/2				1/2
3/4	2,143.02	3/4	1,755.08	3/4	1,367.14	3/4	979.20	3/4	602.48	3/4	218.61	3/4		3/4	3/4				3/4
10	2,134.94	10	1,747.00	10	1,359.06	10	971.12	10	594.72	10	210.53	10		10	10				10
1/4	2,126.86	1/4	1,738.92	1/4	1,350.97	1/4	963.03	1/4	586.96	1/4	202.45	1/4		1/4	1/4				1/4
1/2	2,118.77	1/2	1,730.83	1/2	1,342.89	1/2	954.95	1/2	579.20	1/2	194.37	1/2		1/2	1/2				1/2
3/4	2,110.69	3/4	1,722.75	3/4	1,334.81	3/4	946.87	3/4	571.43	3/4	186.28	3/4		3/4	3/4				3/4
11	2,102.61	11	1,714.67	11	1,326.73	11	938.79	11	563.67	11	178.20	11		11	11				11
1/4	2,094.53	1/4	1,706.59	1/4	1,318.65	1/4	930.71	1/4	555.90	1/4	170.12	1/4		1/4	1/4				1/4
1/2	2,086.45	1/2	1,698.51	1/2	1,310.56	1/2	922.62	1/2	548.13	1/2	162.04	1/2		1/2	1/2				1/2
3/4	2,078.36	3/4	1,690.42	3/4	1,302.48	3/4	914.54	3/4	540.36	3/4	153.96	3/4		3/4	3/4				3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
VERIFIED: 05/07/2024

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 27013"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,489.09	0	2,101.15	0	1,713.21	0	1,325.27	0	937.33	0	549.97	0	162.04	0		0		0	
1/4	2,481.01	1/4	2,093.07	1/4	1,705.12	1/4	1,317.18	1/4	929.24	1/4	541.89	1/4	153.96	1/4	1/4		1/4		1/4
1/2	2,472.92	1/2	2,084.98	1/2	1,697.04	1/2	1,309.10	1/2	921.16	1/2	533.81	1/2	145.88	1/2	1/2		1/2		1/2
3/4	2,464.84	3/4	2,076.90	3/4	1,688.96	3/4	1,301.02	3/4	913.08	3/4	525.73	3/4	137.79	3/4	3/4		3/4		3/4
1	2,456.76	1	2,068.82	1	1,680.88	1	1,292.94	1	905.00	1	517.64	1	129.71	1	1		1		1
1/4	2,448.68	1/4	2,060.74	1/4	1,672.80	1/4	1,284.86	1/4	896.91	1/4	509.56	1/4	121.63	1/4	1/4		1/4		1/4
1/2	2,440.60	1/2	2,052.66	1/2	1,664.71	1/2	1,276.77	1/2	888.83	1/2	501.48	1/2	113.55	1/2	1/2		1/2		1/2
3/4	2,432.51	3/4	2,044.57	3/4	1,656.63	3/4	1,268.69	3/4	880.75	3/4	493.40	3/4	105.47	3/4	3/4		3/4		3/4
2	2,424.43	2	2,036.49	2	1,648.55	2	1,260.61	2	872.67	2	485.32	2	97.38	2	2		2		2
1/4	2,416.35	1/4	2,028.41	1/4	1,640.47	1/4	1,252.53	1/4	864.60	1/4	477.23	1/4	89.30	1/4	1/4		1/4		1/4
1/2	2,408.27	1/2	2,020.33	1/2	1,632.39	1/2	1,244.45	1/2	856.52	1/2	469.15	1/2	81.22	1/2	1/2		1/2		1/2
3/4	2,400.19	3/4	2,012.24	3/4	1,624.30	3/4	1,236.36	3/4	848.45	3/4	461.07	3/4	73.14	3/4	3/4		3/4		3/4
3	2,392.10	3	2,004.16	3	1,616.22	3	1,228.28	3	840.38	3	452.99	3	65.06	3	3		3		3
1/4	2,384.02	1/4	1,996.08	1/4	1,608.14	1/4	1,220.20	1/4	832.31	1/4	444.91	1/4	57.98	1/4	1/4		1/4		1/4
1/2	2,375.94	1/2	1,988.00	1/2	1,600.06	1/2	1,212.12	1/2	824.24	1/2	436.82	1/2	50.91	1/2	1/2		1/2		1/2
3/4	2,367.86	3/4	1,979.92	3/4	1,591.98	3/4	1,204.03	3/4	816.18	3/4	428.74	3/4	43.84	3/4	3/4		3/4		3/4
4	2,359.77	4	1,971.83	4	1,583.89	4	1,195.95	4	808.11	4	420.66	4	36.77	4	4		4		4
1/4	2,351.69	1/4	1,963.75	1/4	1,575.81	1/4	1,187.87	1/4	800.04	1/4	412.58	1/4	31.72	1/4	1/4		1/4		1/4
1/2	2,343.61	1/2	1,955.67	1/2	1,567.73	1/2	1,179.79	1/2	791.98	1/2	404.50	1/2	26.66	1/2	1/2		1/2		1/2
3/4	2,335.53	3/4	1,947.59	3/4	1,559.65	3/4	1,171.71	3/4	783.91	3/4	396.42	3/4	21.61	3/4	3/4		3/4		3/4
5	2,327.45	5	1,939.51	5	1,551.56	5	1,163.62	5	775.85	5	388.33	5	16.56	5	5		5		5
1/4	2,319.36	1/4	1,931.42	1/4	1,543.48	1/4	1,155.54	1/4	767.78	1/4	380.25	1/4		1/4	1/4		1/4		1/4
1/2	2,311.28	1/2	1,923.34	1/2	1,535.40	1/2	1,147.46	1/2	759.71	1/2	372.17	1/2		1/2	1/2		1/2		1/2
3/4	2,303.20	3/4	1,915.26	3/4	1,527.32	3/4	1,139.38	3/4	751.65	3/4	364.09	3/4		3/4	3/4		3/4		3/4
6	2,295.12	6	1,907.18	6	1,519.24	6	1,131.30	6	743.58	6	356.01	6		6	6		6		6
1/4	2,287.04	1/4	1,899.10	1/4	1,511.15	1/4	1,123.21	1/4	735.51	1/4	347.92	1/4		1/4	1/4		1/4		1/4
1/2	2,278.95	1/2	1,891.01	1/2	1,503.07	1/2	1,115.13	1/2	727.45	1/2	339.84	1/2		1/2	1/2		1/2		1/2
3/4	2,270.87	3/4	1,882.93	3/4	1,494.99	3/4	1,107.05	3/4	719.38	3/4	331.76	3/4		3/4	3/4		3/4		3/4
7	2,262.79	7	1,874.85	7	1,486.91	7	1,098.97	7	711.32	7	323.68	7		7	7		7		7
1/4	2,254.71	1/4	1,866.77	1/4	1,478.83	1/4	1,090.89	1/4	703.25	1/4	315.60	1/4		1/4	1/4		1/4		1/4
1/2	2,246.63	1/2	1,858.68	1/2	1,470.74	1/2	1,082.80	1/2	695.18	1/2	307.51	1/2		1/2	1/2		1/2		1/2
3/4	2,238.54	3/4	1,850.60	3/4	1,462.66	3/4	1,074.72	3/4	687.12	3/4	299.43	3/4		3/4	3/4		3/4		3/4
8	2,230.46	8	1,842.52	8	1,454.58	8	1,066.64	8	679.05	8	291.35	8		8	8		8		8
1/4	2,222.38	1/4	1,834.44	1/4	1,446.50	1/4	1,058.56	1/4	670.99	1/4	283.27	1/4		1/4	1/4		1/4		1/4
1/2	2,214.30	1/2	1,826.36	1/2	1,438.42	1/2	1,050.47	1/2	662.92	1/2	275.19	1/2		1/2	1/2		1/2		1/2
3/4	2,206.22	3/4	1,818.27	3/4	1,430.33	3/4	1,042.39	3/4	654.86	3/4	267.10	3/4		3/4	3/4		3/4		3/4
9	2,198.13	9	1,810.19	9	1,422.25	9	1,034.31	9	646.79	9	259.02	9		9	9		9		9
1/4	2,190.05	1/4	1,802.11	1/4	1,414.17	1/4	1,026.23	1/4	638.73	1/4	250.94	1/4		1/4	1/4		1/4		1/4
1/2	2,181.97	1/2	1,794.03	1/2	1,406.09	1/2	1,018.15	1/2	630.66	1/2	242.86	1/2		1/2	1/2		1/2		1/2
3/4	2,173.89	3/4	1,785.95	3/4	1,398.01	3/4	1,010.06	3/4	622.59	3/4	234.78	3/4		3/4	3/4		3/4		3/4
10	2,165.80	10	1,777.86	10	1,389.92	10	1,001.98	10	614.53	10	226.70	10		10	10		10		10
1/4	2,157.72	1/4	1,769.78	1/4	1,381.84	1/4	993.90	1/4	606.46	1/4	218.61	1/4		1/4	1/4		1/4		1/4
1/2	2,149.64	1/2	1,761.70	1/2	1,373.76	1/2	985.82	1/2	598.39	1/2	210.53	1/2		1/2	1/2		1/2		1/2
3/4	2,141.56	3/4	1,753.62	3/4	1,365.68	3/4	977.74	3/4	590.33	3/4	202.45	3/4		3/4	3/4		3/4		3/4
11	2,133.48	11	1,745.54	11	1,357.59	11	969.65	11	582.26	11	194.37	11		11	11		11		11
1/4	2,125.39	1/4	1,737.45	1/4	1,349.51	1/4	961.57	1/4	574.19	1/4	186.29	1/4		1/4	1/4		1/4		1/4
1/2	2,117.31	1/2	1,729.37	1/2	1,341.43	1/2	953.49	1/2	566.12	1/2	178.20	1/2		1/2	1/2		1/2		1/2
3/4	2,109.23	3/4	1,721.29	3/4	1,333.35	3/4	945.41	3/4	558.04	3/4	170.12	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
VERIFIED: 05/07/2024

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 27013"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,293.23	0	1,932.32	0	1,572.39	0	1,211.79	0	851.04	0	502.85	0	143.30	0		0		0	
1/4	2,285.71	1/4	1,924.80	1/4	1,564.90	1/4	1,204.27	1/4	843.52	1/4	495.61	1/4	135.78	1/4	1/4		1/4		1/4
1/2	2,278.19	1/2	1,917.29	1/2	1,557.40	1/2	1,196.76	1/2	836.01	1/2	488.38	1/2	128.26	1/2	1/2		1/2		1/2
3/4	2,270.67	3/4	1,909.77	3/4	1,549.91	3/4	1,189.24	3/4	828.49	3/4	481.15	3/4	120.74	3/4	3/4		3/4		3/4
1	2,263.15	1	1,902.25	1	1,542.41	1	1,181.72	1	821.11	1	473.78	1	113.22	1	1		1		1
1/4	2,255.64	1/4	1,894.73	1/4	1,534.92	1/4	1,174.21	1/4	813.73	1/4	466.40	1/4	105.70	1/4	1/4		1/4		1/4
1/2	2,248.12	1/2	1,887.21	1/2	1,527.42	1/2	1,166.69	1/2	806.35	1/2	459.03	1/2	98.18	1/2	1/2		1/2		1/2
3/4	2,240.60	3/4	1,879.69	3/4	1,519.93	3/4	1,159.18	3/4	798.97	3/4	451.66	3/4	90.65	3/4	3/4		3/4		3/4
2	2,233.08	2	1,872.20	2	1,512.41	2	1,151.66	2	791.73	2	444.14	2	83.13	2	2		2		2
1/4	2,225.56	1/4	1,864.70	1/4	1,504.89	1/4	1,144.15	1/4	784.49	1/4	436.62	1/4	75.61	1/4	1/4		1/4		1/4
1/2	2,218.04	1/2	1,857.21	1/2	1,497.38	1/2	1,136.63	1/2	777.26	1/2	429.10	1/2	68.09	1/2	1/2		1/2		1/2
3/4	2,210.52	3/4	1,849.71	3/4	1,489.86	3/4	1,129.11	3/4	770.02	3/4	421.58	3/4	60.57	3/4	3/4		3/4		3/4
3	2,203.00	3	1,842.22	3	1,482.35	3	1,121.60	3	762.79	3	414.06	3	53.99	3	3		3		3
1/4	2,195.48	1/4	1,834.72	1/4	1,474.83	1/4	1,114.08	1/4	755.56	1/4	406.54	1/4	47.41	1/4	1/4		1/4		1/4
1/2	2,187.97	1/2	1,827.23	1/2	1,467.32	1/2	1,106.57	1/2	748.33	1/2	399.02	1/2	40.83	1/2	1/2		1/2		1/2
3/4	2,180.45	3/4	1,819.73	3/4	1,459.80	3/4	1,099.05	3/4	741.10	3/4	391.49	3/4	34.24	3/4	3/4		3/4		3/4
4	2,172.93	4	1,812.23	4	1,452.29	4	1,091.54	4	733.88	4	383.97	4	29.54	4	4		4		4
1/4	2,165.41	1/4	1,804.74	1/4	1,444.77	1/4	1,084.02	1/4	726.66	1/4	376.45	1/4	24.84	1/4	1/4		1/4		1/4
1/2	2,157.89	1/2	1,797.24	1/2	1,437.25	1/2	1,076.51	1/2	719.44	1/2	368.93	1/2	20.14	1/2	1/2		1/2		1/2
3/4	2,150.37	3/4	1,789.75	3/4	1,429.74	3/4	1,068.99	3/4	712.23	3/4	361.41	3/4	15.44	3/4	3/4		3/4		3/4
5	2,142.85	5	1,782.25	5	1,422.22	5	1,061.47	5	705.01	5	353.89	5		5	5		5		5
1/4	2,135.33	1/4	1,774.76	1/4	1,414.71	1/4	1,053.96	1/4	697.79	1/4	346.37	1/4		1/4	1/4		1/4		1/4
1/2	2,127.81	1/2	1,767.26	1/2	1,407.19	1/2	1,046.44	1/2	690.57	1/2	338.85	1/2		1/2	1/2		1/2		1/2
3/4	2,120.30	3/4	1,759.77	3/4	1,399.68	3/4	1,038.93	3/4	683.35	3/4	331.33	3/4		3/4	3/4		3/4		3/4
6	2,112.78	6	1,752.27	6	1,392.16	6	1,031.41	6	676.13	6	323.81	6		6	6		6		6
1/4	2,105.26	1/4	1,744.78	1/4	1,384.65	1/4	1,023.90	1/4	668.91	1/4	316.28	1/4		1/4	1/4		1/4		1/4
1/2	2,097.74	1/2	1,737.28	1/2	1,377.13	1/2	1,016.38	1/2	661.70	1/2	308.76	1/2		1/2	1/2		1/2		1/2
3/4	2,090.22	3/4	1,729.79	3/4	1,369.61	3/4	1,008.87	3/4	654.48	3/4	301.24	3/4		3/4	3/4		3/4		3/4
7	2,082.70	7	1,722.29	7	1,362.10	7	1,001.35	7	647.26	7	293.72	7		7	7		7		7
1/4	2,075.18	1/4	1,714.80	1/4	1,354.58	1/4	993.83	1/4	640.04	1/4	286.20	1/4		1/4	1/4		1/4		1/4
1/2	2,067.66	1/2	1,707.30	1/2	1,347.07	1/2	986.32	1/2	632.82	1/2	278.68	1/2		1/2	1/2		1/2		1/2
3/4	2,060.14	3/4	1,699.81	3/4	1,339.55	3/4	978.80	3/4	625.61	3/4	271.16	3/4		3/4	3/4		3/4		3/4
8	2,052.63	8	1,692.31	8	1,332.04	8	971.29	8	618.39	8	263.64	8		8	8		8		8
1/4	2,045.11	1/4	1,684.82	1/4	1,324.52	1/4	963.77	1/4	611.17	1/4	256.12	1/4		1/4	1/4		1/4		1/4
1/2	2,037.59	1/2	1,677.32	1/2	1,317.00	1/2	956.26	1/2	603.95	1/2	248.60	1/2		1/2	1/2		1/2		1/2
3/4	2,030.07	3/4	1,669.83	3/4	1,309.49	3/4	948.74	3/4	596.73	3/4	241.07	3/4		3/4	3/4		3/4		3/4
9	2,022.55	9	1,662.33	9	1,301.97	9	941.22	9	589.52	9	233.55	9		9	9		9		9
1/4	2,015.03	1/4	1,654.84	1/4	1,294.46	1/4	933.71	1/4	582.30	1/4	226.03	1/4		1/4	1/4		1/4		1/4
1/2	2,007.51	1/2	1,647.34	1/2	1,286.94	1/2	926.19	1/2	575.08	1/2	218.51	1/2		1/2	1/2		1/2		1/2
3/4	1,999.99	3/4	1,639.85	3/4	1,279.43	3/4	918.68	3/4	567.86	3/4	210.99	3/4		3/4	3/4		3/4		3/4
10	1,992.47	10	1,632.35	10	1,271.91	10	911.16	10	560.64	10	203.47	10		10	10		10		10
1/4	1,984.96	1/4	1,624.86	1/4	1,264.40	1/4	903.65	1/4	553.42	1/4	195.95	1/4		1/4	1/4		1/4		1/4
1/2	1,977.44	1/2	1,617.36	1/2	1,256.88	1/2	896.13	1/2	546.20	1/2	188.43	1/2		1/2	1/2		1/2		1/2
3/4	1,969.92	3/4	1,609.87	3/4	1,249.36	3/4	888.62	3/4	538.99	3/4	180.91	3/4		3/4	3/4		3/4		3/4
11	1,962.40	11	1,602.37	11	1,241.85	11	881.10	11	531.76	11	173.39	11		11	11		11		11
1/4	1,954.88	1/4	1,594.88	1/4	1,234.33	1/4	873.58	1/4	524.53	1/4	165.86	1/4		1/4	1/4		1/4		1/4
1/2	1,947.36	1/2	1,587.38	1/2	1,226.82	1/2	866.07	1/2	517.31	1/2	158.34	1/2		1/2	1/2		1/2		1/2
3/4	1,939.84	3/4	1,579.89	3/4	1,219.30	3/4	858.55	3/4	510.08	3/4	150.82	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
VERIFIED: 05/07/2024

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 27013"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4
0		0		0		0	4,283.44	0	4,080.88	0	3,859.59	0	3,616.32	0	3,353.48	0	3,001.16	0	2,641.09
1/4		1/4		1/4		1/4	4,277.90	1/4	4,076.51	1/4	3,854.75	1/4	3,611.02	1/4	3,347.94	1/4	2,993.66	1/4	2,633.58
1/2		1/2		1/2		1/2	4,272.36	1/2	4,072.13	1/2	3,849.90	1/2	3,605.72	1/2	3,342.40	1/2	2,986.15	1/2	2,626.08
3/4		3/4		3/4		3/4	4,268.39	3/4	4,067.71	3/4	3,845.02	3/4	3,600.38	3/4	3,335.87	3/4	2,978.65	3/4	2,618.58
1		1		1		1	4,264.43	1	4,063.29	1	3,840.15	1	3,595.05	1	3,329.34	1	2,971.15	1	2,611.08
1/4		1/4		1/4		1/4	4,260.47	1/4	4,058.87	1/4	3,835.27	1/4	3,589.72	1/4	3,322.81	1/4	2,963.65	1/4	2,603.58
1/2		1/2		1/2		1/2	4,256.50	1/2	4,054.45	1/2	3,830.39	1/2	3,584.38	1/2	3,316.28	1/2	2,956.15	1/2	2,596.08
3/4		3/4		3/4		3/4	4,252.50	3/4	4,050.00	3/4	3,825.48	3/4	3,579.00	3/4	3,308.78	3/4	2,948.65	3/4	2,588.58
2		2		2		2	4,248.51	2	4,045.54	2	3,820.57	2	3,573.62	2	3,301.27	2	2,941.15	2	2,581.07
1/4		1/4		1/4		1/4	4,244.51	1/4	4,041.09	1/4	3,815.66	1/4	3,568.24	1/4	3,293.77	1/4	2,933.64	1/4	2,573.57
1/2		1/2		1/2		1/2	4,240.51	1/2	4,036.63	1/2	3,810.75	1/2	3,562.86	1/2	3,286.26	1/2	2,926.14	1/2	2,566.07
3/4		3/4		3/4		3/4	4,236.47	3/4	4,032.14	3/4	3,805.79	3/4	3,557.45	3/4	3,278.76	3/4	2,918.64	3/4	2,558.57
3		3		3		3	4,232.42	3	4,027.64	3	3,800.84	3	3,552.04	3	3,271.26	3	2,911.14	3	2,551.07
1/4		1/4		1/4		1/4	4,228.38	1/4	4,023.14	1/4	3,795.89	1/4	3,546.63	1/4	3,263.75	1/4	2,903.64	1/4	2,543.57
1/2		1/2		1/2		1/2	4,224.34	1/2	4,018.64	1/2	3,790.93	1/2	3,541.21	1/2	3,256.25	1/2	2,896.14	1/2	2,536.07
3/4		3/4		3/4		3/4	4,220.26	3/4	4,014.11	3/4	3,785.94	3/4	3,535.77	3/4	3,248.74	3/4	2,888.64	3/4	2,528.58
4		4		4		4	4,216.19	4	4,009.58	4	3,780.95	4	3,530.32	4	3,241.24	4	2,881.13	4	2,521.09
1/4		1/4		1/4		1/4	4,212.11	1/4	4,005.04	1/4	3,775.96	1/4	3,524.88	1/4	3,233.73	1/4	2,873.63	1/4	2,513.60
1/2		1/2		1/2		1/2	4,208.04	1/2	4,000.51	1/2	3,770.97	1/2	3,519.43	1/2	3,226.23	1/2	2,866.13	1/2	2,506.11
3/4		3/4		3/4		3/4	4,203.93	3/4	3,995.93	3/4	3,765.94	3/4	3,513.94	3/4	3,218.72	3/4	2,858.63	3/4	2,498.63
5		5		5		5	4,199.82	5	3,991.35	5	3,760.91	5	3,508.45	5	3,211.22	5	2,851.13	5	2,491.14
1/4		1/4		1/4		1/4	4,195.71	1/4	3,986.78	1/4	3,755.88	1/4	3,502.96	1/4	3,203.71	1/4	2,843.63	1/4	2,483.65
1/2		1/2		1/2		1/2	4,191.60	1/2	3,982.20	1/2	3,750.84	1/2	3,497.48	1/2	3,196.21	1/2	2,836.13	1/2	2,476.16
3/4		3/4		3/4		3/4	4,187.44	3/4	3,977.59	3/4	3,745.78	3/4	3,491.95	3/4	3,188.70	3/4	2,828.62	3/4	2,468.67
6		6		6		6	4,183.29	6	3,972.98	6	3,740.71	6	3,486.43	6	3,181.20	6	2,821.12	6	2,461.19
1/4		1/4		1/4		1/4	4,179.14	1/4	3,968.37	1/4	3,735.64	1/4	3,480.90	1/4	3,173.70	1/4	2,813.62	1/4	2,453.70
1/2		1/2		1/2		1/2	4,409.29	1/2	4,174.99	1/2	3,963.76	1/2	3,730.58	1/2	3,475.38	1/2	3,166.19	1/2	2,806.12
3/4		3/4		3/4		3/4	4,402.76	3/4	4,170.80	3/4	3,959.11	3/4	3,725.46	3/4	3,469.84	3/4	3,158.69	3/4	2,798.62
7		7		7		7	4,396.24	7	4,166.61	7	3,954.47	7	3,720.35	7	3,464.30	7	3,151.19	7	2,791.12
1/4		1/4		1/4		1/4	4,389.71	1/4	4,162.43	1/4	3,949.83	1/4	3,715.24	1/4	3,458.76	1/4	3,143.69	1/4	2,783.61
1/2		1/2		1/2		1/2	4,383.18	1/2	4,158.24	1/2	3,945.18	1/2	3,710.12	1/2	3,453.22	1/2	3,136.18	1/2	2,776.11
3/4		3/4		3/4		3/4	4,377.64	3/4	4,154.01	3/4	3,940.49	3/4	3,704.98	3/4	3,447.68	3/4	3,128.68	3/4	2,768.61
8		8		8		8	4,372.10	8	4,149.78	8	3,935.81	8	3,699.83	8	3,442.14	8	3,121.18	8	2,761.11
1/4		1/4		1/4		1/4	4,366.56	1/4	4,145.54	1/4	3,931.12	1/4	3,694.69	1/4	3,436.59	1/4	3,113.68	1/4	2,753.61
1/2		1/2		1/2		1/2	4,361.01	1/2	4,141.31	1/2	3,926.43	1/2	3,689.55	1/2	3,431.05	1/2	3,106.18	1/2	2,746.11
3/4		3/4		3/4		3/4	4,355.47	3/4	4,137.05	3/4	3,921.71	3/4	3,684.37	3/4	3,425.51	3/4	3,098.68	3/4	2,738.61
9		9		9		9	4,349.93	9	4,132.78	9	3,916.99	9	3,679.19	9	3,419.97	9	3,091.18	9	2,731.10
1/4		1/4		1/4		1/4	4,344.39	1/4	4,128.52	1/4	3,912.27	1/4	3,674.01	1/4	3,414.43	1/4	3,083.67	1/4	2,723.60
1/2		1/2		1/2		1/2	4,338.85	1/2	4,124.25	1/2	3,907.55	1/2	3,668.83	1/2	3,408.89	1/2	3,076.17	1/2	2,716.10
3/4		3/4		3/4		3/4	4,333.31	3/4	4,119.94	3/4	3,902.78	3/4	3,663.61	3/4	3,403.35	3/4	3,068.67	3/4	2,708.60
10		10		10		10	4,327.77	10	4,115.63	10	3,898.01	10	3,658.39	10	3,397.81	10	3,061.17	10	2,701.10
1/4		1/4		1/4		1/4	4,322.23	1/4	4,111.32	1/4	3,893.25	1/4	3,653.17	1/4	3,392.27	1/4	3,053.67	1/4	2,693.60
1/2		1/2		1/2		1/2	4,316.69	1/2	4,107.01	1/2	3,888.48	1/2	3,647.94	1/2	3,386.73	1/2	3,046.17	1/2	2,686.10
3/4		3/4		3/4		3/4	4,311.15	3/4	4,102.67	3/4	3,883.68	3/4	3,642.69	3/4	3,381.18	3/4	3,038.67	3/4	2,678.59
11		11		11		11	4,305.60	11	4,098.32	11	3,878.88	11	3,637.43	11	3,375.64	11	3,031.16	11	2,671.09
1/4		1/4		1/4		1/4	4,300.06	1/4	4,093.98	1/4	3,874.09	1/4	3,632.18	1/4	3,370.10	1/4	3,023.66	1/4	2,663.59
1/2		1/2		1/2		1/2	4,294.52	1/2	4,089.64	1/2	3,869.29	1/2	3,626.92	1/2	3,364.56	1/2	3,016.16	1/2	2,656.09
3/4		3/4		3/4		3/4	4,288.98	3/4	4,085.26	3/4	3,864.44	3/4	3,621.62	3/4	3,359.02	3/4	3,008.66	3/4	2,648.59

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 TO TOP OF 2" DIAMETER OPENING ON "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27013"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 16'-04 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,281.44	0	1,921.22	0	1,562.71	0	1,203.52	0	843.31	0	494.74	0	135.55	0		0		0	
1/4	2,273.94	1/4	1,913.72	1/4	1,555.27	1/4	1,196.02	1/4	835.80	1/4	487.49	1/4	128.04	1/4	1/4		1/4		1/4
1/2	2,266.43	1/2	1,906.21	1/2	1,547.82	1/2	1,188.52	1/2	828.30	1/2	480.24	1/2	120.54	1/2	1/2		1/2		1/2
3/4	2,258.93	3/4	1,898.71	3/4	1,540.37	3/4	1,181.01	3/4	820.92	3/4	472.86	3/4	113.03	3/4	3/4		3/4		3/4
1	2,251.42	1	1,891.20	1	1,532.92	1	1,173.51	1	813.54	1	465.48	1	105.53	1	1		1		1
1/4	2,243.92	1/4	1,883.70	1/4	1,525.48	1/4	1,166.00	1/4	806.16	1/4	458.10	1/4	98.02	1/4	1/4		1/4		1/4
1/2	2,236.42	1/2	1,876.19	1/2	1,518.03	1/2	1,158.50	1/2	798.78	1/2	450.73	1/2	90.52	1/2	1/2		1/2		1/2
3/4	2,228.91	3/4	1,868.69	3/4	1,510.58	3/4	1,150.99	3/4	791.54	3/4	443.22	3/4	83.02	3/4	3/4		3/4		3/4
2	2,221.41	2	1,861.19	2	1,503.13	2	1,143.49	2	784.30	2	435.72	2	75.51	2	2		2		2
1/4	2,213.90	1/4	1,853.68	1/4	1,495.69	1/4	1,135.98	1/4	777.05	1/4	428.21	1/4	68.01	1/4	1/4		1/4		1/4
1/2	2,206.40	1/2	1,846.18	1/2	1,488.24	1/2	1,128.48	1/2	769.81	1/2	420.71	1/2	60.50	1/2	1/2		1/2		1/2
3/4	2,198.89	3/4	1,838.67	3/4	1,480.79	3/4	1,120.97	3/4	762.57	3/4	413.20	3/4	53.94	3/4	3/4		3/4		3/4
3	2,191.39	3	1,831.17	3	1,473.34	3	1,113.47	3	755.33	3	405.70	3	47.37	3	3		3		3
1/4	2,183.88	1/4	1,823.66	1/4	1,465.90	1/4	1,105.97	1/4	748.10	1/4	398.20	1/4	40.80	1/4	1/4		1/4		1/4
1/2	2,176.38	1/2	1,816.16	1/2	1,458.45	1/2	1,098.46	1/2	740.86	1/2	390.69	1/2	34.24	1/2	1/2		1/2		1/2
3/4	2,168.87	3/4	1,808.65	3/4	1,451.00	3/4	1,090.96	3/4	733.62	3/4	383.19	3/4	29.54	3/4	3/4		3/4		3/4
4	2,161.37	4	1,801.15	4	1,443.55	4	1,083.45	4	726.38	4	375.68	4	24.84	4	4		4		4
1/4	2,153.86	1/4	1,793.64	1/4	1,436.11	1/4	1,075.95	1/4	719.15	1/4	368.18	1/4	20.14	1/4	1/4		1/4		1/4
1/2	2,146.36	1/2	1,786.14	1/2	1,428.66	1/2	1,068.44	1/2	711.91	1/2	360.67	1/2	15.44	1/2	1/2		1/2		1/2
3/4	2,138.86	3/4	1,778.69	3/4	1,421.15	3/4	1,060.94	3/4	704.67	3/4	353.17	3/4		3/4	3/4		3/4		3/4
5	2,131.35	5	1,771.24	5	1,413.65	5	1,053.43	5	697.44	5	345.67	5		5	5		5		5
1/4	2,123.85	1/4	1,763.80	1/4	1,406.15	1/4	1,045.93	1/4	690.20	1/4	338.16	1/4		1/4	1/4		1/4		1/4
1/2	2,116.34	1/2	1,756.35	1/2	1,398.64	1/2	1,038.43	1/2	682.96	1/2	330.66	1/2		1/2	1/2		1/2		1/2
3/4	2,108.84	3/4	1,748.90	3/4	1,391.14	3/4	1,030.92	3/4	675.72	3/4	323.15	3/4		3/4	3/4		3/4		3/4
6	2,101.33	6	1,741.45	6	1,383.63	6	1,023.42	6	668.49	6	315.65	6		6	6		6		6
1/4	2,093.83	1/4	1,734.01	1/4	1,376.13	1/4	1,015.91	1/4	661.25	1/4	308.14	1/4		1/4	1/4		1/4		1/4
1/2	2,086.32	1/2	1,726.56	1/2	1,368.62	1/2	1,008.41	1/2	654.01	1/2	300.64	1/2		1/2	1/2		1/2		1/2
3/4	2,078.82	3/4	1,719.11	3/4	1,361.12	3/4	1,000.90	3/4	646.78	3/4	293.14	3/4		3/4	3/4		3/4		3/4
7	2,071.31	7	1,711.66	7	1,353.61	7	993.40	7	639.54	7	285.63	7		7	7		7		7
1/4	2,063.81	1/4	1,704.22	1/4	1,346.11	1/4	985.89	1/4	632.30	1/4	278.13	1/4		1/4	1/4		1/4		1/4
1/2	2,056.30	1/2	1,696.77	1/2	1,338.61	1/2	978.39	1/2	625.07	1/2	270.62	1/2		1/2	1/2		1/2		1/2
3/4	2,048.80	3/4	1,689.32	3/4	1,331.10	3/4	970.88	3/4	617.83	3/4	263.12	3/4		3/4	3/4		3/4		3/4
8	2,041.30	8	1,681.87	8	1,323.60	8	963.38	8	610.59	8	255.61	8		8	8		8		8
1/4	2,033.79	1/4	1,674.43	1/4	1,316.09	1/4	955.88	1/4	603.36	1/4	248.11	1/4		1/4	1/4		1/4		1/4
1/2	2,026.29	1/2	1,666.98	1/2	1,308.59	1/2	948.37	1/2	596.12	1/2	240.61	1/2		1/2	1/2		1/2		1/2
3/4	2,018.78	3/4	1,659.53	3/4	1,301.08	3/4	940.87	3/4	588.89	3/4	233.10	3/4		3/4	3/4		3/4		3/4
9	2,011.28	9	1,652.08	9	1,293.58	9	933.36	9	581.65	9	225.60	9		9	9		9		9
1/4	2,003.77	1/4	1,644.64	1/4	1,286.07	1/4	925.86	1/4	574.41	1/4	218.09	1/4		1/4	1/4		1/4		1/4
1/2	1,996.27	1/2	1,637.19	1/2	1,278.57	1/2	918.35	1/2	567.17	1/2	210.59	1/2		1/2	1/2		1/2		1/2
3/4	1,988.76	3/4	1,629.74	3/4	1,271.06	3/4	910.85	3/4	559.94	3/4	203.08	3/4		3/4	3/4		3/4		3/4
10	1,981.26	10	1,622.29	10	1,263.56	10	903.34	10	552.70	10	195.58	10		10	10		10		10
1/4	1,973.75	1/4	1,614.85	1/4	1,256.06	1/4	895.84	1/4	545.46	1/4	188.08	1/4		1/4	1/4		1/4		1/4
1/2	1,966.25	1/2	1,607.40	1/2	1,248.55	1/2	888.34	1/2	538.22	1/2	180.57	1/2		1/2	1/2		1/2		1/2
3/4	1,958.75	3/4	1,599.95	3/4	1,241.05	3/4	880.83	3/4	530.98	3/4	173.07	3/4		3/4	3/4		3/4		3/4
11	1,951.24	11	1,592.50	11	1,233.54	11	873.33	11	523.74	11	165.56	11		11	11		11		11
1/4	1,943.74	1/4	1,585.06	1/4	1,226.04	1/4	865.82	1/4	516.49	1/4	158.06	1/4		1/4	1/4		1/4		1/4
1/2	1,936.23	1/2	1,577.61	1/2	1,218.53	1/2	858.32	1/2	509.25	1/2	150.55	1/2		1/2	1/2		1/2		1/2
3/4	1,928.73	3/4	1,570.16	3/4	1,211.03	3/4	850.81	3/4	502.00	3/4	143.05	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2014 CL
CALCULATED: 02/10/2014 CL
NAME CHANGE: 03/10/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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



BARGE "KIRBY 27013"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 323"

GAUGE HEIGHT 4'-11 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	191	0	383	0	574	0	765	0		0		0		0		0	
1/4	4	1/4	195	1/4	386	1/4	578	1/4	769	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	199	1/2	390	1/2	582	1/2	773	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	203	3/4	394	3/4	586	3/4	777	3/4		3/4		3/4		3/4		3/4	
1	16	1	207	1	398	1	590	1	781	1		1		1		1		1	
1/4	20	1/4	211	1/4	402	1/4	594	1/4	785	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	215	1/2	406	1/2	598	1/2	789	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	219	3/4	410	3/4	602	3/4	793	3/4		3/4		3/4		3/4		3/4	
2	32	2	223	2	414	2	606	2	797	2		2		2		2		2	
1/4	36	1/4	227	1/4	418	1/4	610	1/4	801	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	231	1/2	422	1/2	614	1/2	805	1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	235	3/4	426	3/4	618	3/4	809	3/4		3/4		3/4		3/4		3/4	
3	48	3	239	3	430	3	622	3	813	3		3		3		3		3	
1/4	52	1/4	243	1/4	434	1/4	626	1/4	817	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	247	1/2	438	1/2	630	1/2	821	1/2		1/2		1/2		1/2		1/2	
3/4	60	3/4	251	3/4	442	3/4	634	3/4	825	3/4		3/4		3/4		3/4		3/4	
4	64	4	255	4	446	4	638	4	829	4		4		4		4		4	
1/4	68	1/4	259	1/4	450	1/4	641	1/4	833	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	263	1/2	454	1/2	645	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	267	3/4	458	3/4	649	3/4	841	3/4		3/4		3/4		3/4		3/4	
5	80	5	271	5	462	5	653	5	845	5		5		5		5		5	
1/4	84	1/4	275	1/4	466	1/4	657	1/4	849	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	279	1/2	470	1/2	661	1/2	853	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	283	3/4	474	3/4	665	3/4	857	3/4		3/4		3/4		3/4		3/4	
6	96	6	287	6	478	6	669	6		6		6		6		6		6	
1/4	100	1/4	291	1/4	482	1/4	673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	295	1/2	486	1/2	677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	299	3/4	490	3/4	681	3/4		3/4		3/4		3/4		3/4		3/4	
7	112	7	303	7	494	7	685	7		7		7		7		7		7	
1/4	116	1/4	307	1/4	498	1/4	689	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120	1/2	311	1/2	502	1/2	693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	315	3/4	506	3/4	697	3/4		3/4		3/4		3/4		3/4		3/4	
8	128	8	319	8	510	8	701	8		8		8		8		8		8	
1/4	131	1/4	323	1/4	514	1/4	705	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	327	1/2	518	1/2	709	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	331	3/4	522	3/4	713	3/4		3/4		3/4		3/4		3/4		3/4	
9	143	9	335	9	526	9	717	9		9		9		9		9		9	
1/4	147	1/4	339	1/4	530	1/4	721	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151	1/2	343	1/2	534	1/2	725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	347	3/4	538	3/4	729	3/4		3/4		3/4		3/4		3/4		3/4	
10	159	10	351	10	542	10	733	10		10		10		10		10		10	
1/4	163	1/4	355	1/4	546	1/4	737	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167	1/2	359	1/2	550	1/2	741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	171	3/4	363	3/4	554	3/4	745	3/4		3/4		3/4		3/4		3/4		3/4	
11	175	11	367	11	558	11	749	11		11		11		11		11		11	
1/4	179	1/4	371	1/4	562	1/4	753	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	183	1/2	375	1/2	566	1/2	757	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	187	3/4	379	3/4	570	3/4	761	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.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER PIPE.

STRAPPED: 05/06/2024 CL
CALCULATED: 05/06/2024 CL
VERIFIED: 05/06/2024 CL

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
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BARGE "KIRBY 27013"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 323"

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	1,049	0	2,069	0	3,032	0	3,939	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	22	1/4	1,071	1/4	2,089	1/4	3,052	1/4	3,958	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	44	1/2	1,093	1/2	2,110	1/2	3,071	1/2	3,976	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	66	3/4	1,115	3/4	2,131	3/4	3,090	3/4	3,994	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	87	1	1,136	1	2,151	1	3,110	1	4,013	1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	109	1/4	1,158	1/4	2,172	1/4	3,129	1/4	4,031	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	131	1/2	1,180	1/2	2,192	1/2	3,149	1/2	4,049	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	153	3/4	1,201	3/4	2,213	3/4	3,168	3/4	4,067	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	175	2	1,223	2	2,233	2	3,187	2	4,085	2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	197	1/4	1,245	1/4	2,254	1/4	3,207	1/4	4,103	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	219	1/2	1,266	1/2	2,274	1/2	3,226	1/2	4,121	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	240	3/4	1,288	3/4	2,294	3/4	3,245	3/4	4,139	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	262	3	1,309	3	2,315	3	3,264	3	4,157	3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	284	1/4	1,331	1/4	2,335	1/4	3,283	1/4	4,175	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	306	1/2	1,352	1/2	2,355	1/2	3,303	1/2	4,193	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	328	3/4	1,374	3/4	2,376	3/4	3,322	3/4	4,211	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	350	4	1,395	4	2,396	4	3,341	4	4,229	4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	372	1/4	1,417	1/4	2,416	1/4	3,360	1/4	4,247	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	393	1/2	1,438	1/2	2,437	1/2	3,379	1/2	4,265	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	415	3/4	1,459	3/4	2,457	3/4	3,398	3/4	4,283	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	437	5	1,481	5	2,477	5	3,417	5	4,301	5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	459	1/4	1,502	1/4	2,497	1/4	3,436	1/4	4,319	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	481	1/2	1,523	1/2	2,517	1/2	3,455	1/2	4,337	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	503	3/4	1,545	3/4	2,537	3/4	3,474	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	525	6	1,566	6	2,557	6	3,493	6		6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	547	1/4	1,587	1/4	2,577	1/4	3,512	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	568	1/2	1,608	1/2	2,597	1/2	3,530	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	590	3/4	1,630	3/4	2,618	3/4	3,549	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	612	7	1,651	7	2,638	7	3,568	7		7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	634	1/4	1,672	1/4	2,657	1/4	3,587	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	656	1/2	1,693	1/2	2,677	1/2	3,606	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	678	3/4	1,714	3/4	2,697	3/4	3,624	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	700	8	1,735	8	2,717	8	3,643	8		8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	721	1/4	1,756	1/4	2,737	1/4	3,662	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	743	1/2	1,777	1/2	2,757	1/2	3,681	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	765	3/4	1,798	3/4	2,777	3/4	3,699	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	787	9	1,819	9	2,797	9	3,718	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	809	1/4	1,840	1/4	2,816	1/4	3,736	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	831	1/2	1,861	1/2	2,836	1/2	3,755	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	853	3/4	1,882	3/4	2,856	3/4	3,774	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	874	10	1,903	10	2,875	10	3,792	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	896	1/4	1,923	1/4	2,895	1/4	3,811	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	918	1/2	1,944	1/2	2,915	1/2	3,829	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	940	3/4	1,965	3/4	2,934	3/4	3,848	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	962	11	1,986	11	2,954	11	3,866	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	984	1/4	2,007	1/4	2,974	1/4	3,884	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1,006	1/2	2,027	1/2	2,993	1/2	3,903	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	1,027	3/4	2,048	3/4	3,013	3/4	3,921	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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: 05/06/2024 CL
 CALCULATED: 05/06/2024 CL
 VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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BARGE "KIRBY 27013"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 323"

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	1,049	0	2,069	0	3,032	0	3,939	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	22	1/4	1,071	1/4	2,089	1/4	3,052	1/4	3,958	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	44	1/2	1,093	1/2	2,110	1/2	3,071	1/2	3,976	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	66	3/4	1,115	3/4	2,131	3/4	3,090	3/4	3,994	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	87	1	1,136	1	2,151	1	3,110	1	4,013	1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	109	1/4	1,158	1/4	2,172	1/4	3,129	1/4	4,031	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	131	1/2	1,180	1/2	2,192	1/2	3,149	1/2	4,049	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	153	3/4	1,201	3/4	2,213	3/4	3,168	3/4	4,067	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	175	2	1,223	2	2,233	2	3,187	2	4,085	2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	197	1/4	1,245	1/4	2,254	1/4	3,207	1/4	4,103	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	219	1/2	1,266	1/2	2,274	1/2	3,226	1/2	4,121	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	240	3/4	1,288	3/4	2,294	3/4	3,245	3/4	4,139	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	262	3	1,309	3	2,315	3	3,264	3	4,157	3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	284	1/4	1,331	1/4	2,335	1/4	3,283	1/4	4,175	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	306	1/2	1,352	1/2	2,355	1/2	3,303	1/2	4,193	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	328	3/4	1,374	3/4	2,376	3/4	3,322	3/4	4,211	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	350	4	1,395	4	2,396	4	3,341	4	4,229	4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	372	1/4	1,417	1/4	2,416	1/4	3,360	1/4	4,247	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	393	1/2	1,438	1/2	2,437	1/2	3,379	1/2	4,265	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	415	3/4	1,459	3/4	2,457	3/4	3,398	3/4	4,283	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	437	5	1,481	5	2,477	5	3,417	5	4,301	5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	459	1/4	1,502	1/4	2,497	1/4	3,436	1/4	4,319	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	481	1/2	1,523	1/2	2,517	1/2	3,455	1/2	4,337	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	503	3/4	1,545	3/4	2,537	3/4	3,474	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	525	6	1,566	6	2,557	6	3,493	6		6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	547	1/4	1,587	1/4	2,577	1/4	3,512	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	568	1/2	1,608	1/2	2,597	1/2	3,530	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	590	3/4	1,630	3/4	2,618	3/4	3,549	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	612	7	1,651	7	2,638	7	3,568	7		7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	634	1/4	1,672	1/4	2,657	1/4	3,587	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	656	1/2	1,693	1/2	2,677	1/2	3,606	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	678	3/4	1,714	3/4	2,697	3/4	3,624	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	700	8	1,735	8	2,717	8	3,643	8		8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	721	1/4	1,756	1/4	2,737	1/4	3,662	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	743	1/2	1,777	1/2	2,757	1/2	3,681	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	765	3/4	1,798	3/4	2,777	3/4	3,699	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	787	9	1,819	9	2,797	9	3,718	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	809	1/4	1,840	1/4	2,816	1/4	3,736	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	831	1/2	1,861	1/2	2,836	1/2	3,755	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	853	3/4	1,882	3/4	2,856	3/4	3,774	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	874	10	1,903	10	2,875	10	3,792	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	896	1/4	1,923	1/4	2,895	1/4	3,811	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	918	1/2	1,944	1/2	2,915	1/2	3,829	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	940	3/4	1,965	3/4	2,934	3/4	3,848	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	962	11	1,986	11	2,954	11	3,866	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	984	1/4	2,007	1/4	2,974	1/4	3,884	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1,006	1/2	2,027	1/2	2,993	1/2	3,903	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	1,027	3/4	2,048	3/4	3,013	3/4	3,921	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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: 05/06/2024 CL
 CALCULATED: 05/06/2024 CL
 VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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