



BARGE "KIRBY 29085"

ULLAGE TRIM TABLE
FORMERLY "CTCO 255"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 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	- 00-1/4	00-1/4	- 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 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 252'-09"

November 3, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29085"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							5,028.54		4,730.92		4,415.91		4,086.34		3,754.57		3,422.80		3,091.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,022.55	1/4	4,724.55	1/4	4,409.17	1/4	4,079.42	1/4	3,747.66	1/4	3,415.89	1/4	3,084.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,016.55	1/2	4,718.18	1/2	4,402.44	1/2	4,072.51	1/2	3,740.75	1/2	3,408.98	1/2	3,077.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,010.49	3/4	4,711.79	3/4	4,395.67	3/4	4,065.60	3/4	3,733.83	3/4	3,402.07	3/4	3,070.30
1	1	1	1	1	1	1	5,004.42	1	4,705.39	1	4,388.90	1	4,058.69	1	3,726.92	1	3,395.16	1	3,063.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,998.36	1/4	4,698.99	1/4	4,382.14	1/4	4,051.78	1/4	3,720.01	1/4	3,388.24	1/4	3,056.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,992.30	1/2	4,692.60	1/2	4,375.37	1/2	4,044.87	1/2	3,713.10	1/2	3,381.33	1/2	3,049.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,986.20	3/4	4,686.17	3/4	4,368.57	3/4	4,037.95	3/4	3,706.19	3/4	3,374.42	3/4	3,042.65
2	2	2	2	2	2	2	4,980.11	2	4,679.75	2	4,361.78	2	4,031.04	2	3,699.28	2	3,367.51	2	3,035.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,974.02	1/4	4,673.33	1/4	4,354.99	1/4	4,024.13	1/4	3,692.36	1/4	3,360.60	1/4	3,028.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,967.93	1/2	4,666.90	1/2	4,348.19	1/2	4,017.22	1/2	3,685.45	1/2	3,353.69	1/2	3,021.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,961.81	3/4	4,660.44	3/4	4,341.37	3/4	4,010.31	3/4	3,678.54	3/4	3,346.77	3/4	3,015.01
3	3	3	3	3	3	3	4,955.69	3	4,653.98	3	4,334.55	3	4,003.40	3	3,671.63	3	3,339.86	3	3,008.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,949.57	1/4	4,647.52	1/4	4,327.73	1/4	3,996.48	1/4	3,664.72	1/4	3,332.95	1/4	3,001.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,943.45	1/2	4,641.06	1/2	4,320.90	1/2	3,989.57	1/2	3,657.81	1/2	3,326.04	1/2	2,994.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,937.30	3/4	4,634.54	3/4	4,314.05	3/4	3,982.66	3/4	3,650.89	3/4	3,319.13	3/4	2,987.36
4	4	4	4	4	4	4	4,931.16	4	4,628.03	4	4,307.21	4	3,975.75	4	3,643.98	4	3,312.22	4	2,980.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,925.01	1/4	4,621.51	1/4	4,300.36	1/4	3,968.84	1/4	3,637.07	1/4	3,305.30	1/4	2,973.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,918.86	1/2	4,614.99	1/2	4,293.51	1/2	3,961.92	1/2	3,630.16	1/2	3,298.39	1/2	2,966.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,912.69	3/4	4,608.44	3/4	4,286.63	3/4	3,955.01	3/4	3,623.25	3/4	3,291.48	3/4	2,959.71
5	5	5	5	5	5	5	4,906.51	5	4,601.90	5	4,279.75	5	3,948.10	5	3,616.33	5	3,284.57	5	2,952.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,900.34	1/4	4,595.35	1/4	4,272.87	1/4	3,941.19	1/4	3,609.42	1/4	3,277.66	1/4	2,945.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,894.17	1/2	4,588.81	1/2	4,266.00	1/2	3,934.28	1/2	3,602.51	1/2	3,270.74	1/2	2,938.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,887.96	3/4	4,582.23	3/4	4,259.10	3/4	3,927.37	3/4	3,595.60	3/4	3,263.83	3/4	2,932.07
6	6	6	6	6	6	6	4,881.76	6	4,575.66	6	4,252.20	6	3,920.45	6	3,588.69	6	3,256.92	6	2,925.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,875.56	1/4	4,569.09	1/4	4,245.30	1/4	3,913.54	1/4	3,581.78	1/4	3,250.01	1/4	2,918.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,869.36	1/2	4,562.51	1/2	4,238.40	1/2	3,906.63	1/2	3,574.86	1/2	3,243.10	1/2	2,911.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,863.13	3/4	4,555.91	3/4	4,231.48	3/4	3,899.72	3/4	3,567.95	3/4	3,236.19	3/4	2,904.42
7	7	7	5,142.83	7	4,856.90	7	4,549.31	7	4,224.57	7	3,892.81	7	3,561.04	7	3,229.27	7	2,897.51	7	2,871.51
1/4	1/4	1/4	5,137.95	1/4	4,850.67	1/4	4,542.71	1/4	4,217.66	1/4	3,885.89	1/4	3,554.13	1/4	3,222.36	1/4	2,890.60	1/4	2,865.60
1/2	1/2	1/2	5,133.07	1/2	4,844.44	1/2	4,536.11	1/2	4,210.75	1/2	3,878.98	1/2	3,547.22	1/2	3,215.45	1/2	2,883.68	1/2	2,858.68
3/4	3/4	3/4	5,127.72	3/4	4,838.18	3/4	4,529.48	3/4	4,203.84	3/4	3,872.07	3/4	3,540.30	3/4	3,208.54	3/4	2,876.77	3/4	2,851.77
8	8	8	5,122.36	8	4,831.92	8	4,522.85	8	4,196.93	8	3,865.16	8	3,533.39	8	3,201.63	8	2,869.86	8	2,844.86
1/4	1/4	1/4	5,117.01	1/4	4,825.66	1/4	4,516.23	1/4	4,190.01	1/4	3,858.25	1/4	3,526.48	1/4	3,194.71	1/4	2,862.95	1/4	2,837.95
1/2	1/2	1/2	5,111.66	1/2	4,819.41	1/2	4,509.60	1/2	4,183.10	1/2	3,851.34	1/2	3,519.57	1/2	3,187.80	1/2	2,856.04	1/2	2,831.04
3/4	3/4	3/4	5,105.75	3/4	4,813.12	3/4	4,502.94	3/4	4,176.19	3/4	3,844.42	3/4	3,512.66	3/4	3,180.89	3/4	2,849.12	3/4	2,826.12
9	9	9	5,099.85	9	4,806.84	9	4,496.29	9	4,169.28	9	3,837.51	9	3,505.75	9	3,173.98	9	2,842.21	9	2,817.21
1/4	1/4	1/4	5,093.95	1/4	4,800.55	1/4	4,489.63	1/4	4,162.37	1/4	3,830.60	1/4	3,498.83	1/4	3,167.07	1/4	2,835.30	1/4	2,812.30
1/2	1/2	1/2	5,088.05	1/2	4,794.27	1/2	4,482.97	1/2	4,155.45	1/2	3,823.69	1/2	3,491.92	1/2	3,160.16	1/2	2,828.39	1/2	2,807.39
3/4	3/4	3/4	5,082.13	3/4	4,787.95	3/4	4,476.29	3/4	4,148.54	3/4	3,816.78	3/4	3,485.01	3/4	3,153.24	3/4	2,821.48	3/4	2,800.48
10	10	10	5,076.20	10	4,781.64	10	4,469.61	10	4,141.63	10	3,809.86	10	3,478.10	10	3,146.33	10	2,814.57	10	2,794.57
1/4	1/4	1/4	5,070.27	1/4	4,775.33	1/4	4,462.92	1/4	4,134.72	1/4	3,802.95	1/4	3,471.19	1/4	3,139.42	1/4	2,807.65	1/4	2,787.65
1/2	1/2	1/2	5,064.35	1/2	4,769.02	1/2	4,456.24	1/2	4,127.81	1/2	3,796.04	1/2	3,464.27	1/2	3,132.51	1/2	2,800.74	1/2	2,780.74
3/4	3/4	3/4	5,058.39	3/4	4,762.67	3/4	4,449.53	3/4	4,120.90	3/4	3,789.13	3/4	3,457.36	3/4	3,125.60	3/4	2,793.83	3/4	2,773.83
11	11	11	5,052.44	11	4,756.33	11	4,442.81	11	4,113.98	11	3,782.22	11	3,450.45	11	3,118.68	11	2,786.92	11	2,766.92
1/4	1/4	1/4	5,046.49	1/4	4,749.99	1/4	4,436.10	1/4	4,107.07	1/4	3,775.31	1/4	3,443.54	1/4	3,111.77	1/4	2,780.01	1/4	2,760.01
1/2	1/2	1/2	5,040.53	1/2	4,743.65	1/2	4,429.39	1/2	4,100.16	1/2	3,768.39	1/2	3,436.63	1/2	3,104.86	1/2	2,773.09	1/2	2,753.09
3/4	3/4	3/4	5,034.54	3/4	4,737.29	3/4	4,422.65	3/4	4,093.25	3/4	3,761.48	3/4	3,429.72	3/4	3,097.95	3/4	2,766.18	3/4	2,746.18

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 10'-06" OFF CENTERLINE AND 42'-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 29085"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,759.27	0	2,427.37	0	2,095.39	0	1,763.40	0	1,431.41	0	1,099.43	0	767.90	0	435.94	0	104.05	0	
1/4	2,752.36	1/4	2,420.46	1/4	2,088.47	1/4	1,756.48	1/4	1,424.50	1/4	1,092.51	1/4	760.99	1/4	429.03	1/4	97.15	1/4	
1/2	2,745.45	1/2	2,413.54	1/2	2,081.55	1/2	1,749.57	1/2	1,417.58	1/2	1,085.59	1/2	754.08	1/2	422.11	1/2	90.25	1/2	
3/4	2,738.54	3/4	2,406.63	3/4	2,074.64	3/4	1,742.65	3/4	1,410.66	3/4	1,078.68	3/4	747.17	3/4	415.19	3/4	83.53	3/4	
1	2,731.62	1	2,399.71	1	2,067.72	1	1,735.73	1	1,403.75	1	1,071.76	1	740.25	1	408.28	1	76.82	1	
1/4	2,724.71	1/4	2,392.79	1/4	2,060.81	1/4	1,728.82	1/4	1,396.83	1/4	1,064.84	1/4	733.33	1/4	401.36	1/4	70.10	1/4	
1/2	2,717.80	1/2	2,385.88	1/2	2,053.89	1/2	1,721.90	1/2	1,389.91	1/2	1,057.93	1/2	726.42	1/2	394.45	1/2	63.38	1/2	
3/4	2,710.89	3/4	2,378.96	3/4	2,046.97	3/4	1,714.99	3/4	1,383.00	3/4	1,051.01	3/4	719.50	3/4	387.53	3/4	57.51	3/4	
2	2,703.98	2	2,372.04	2	2,040.06	2	1,708.07	2	1,376.08	2	1,044.10	2	712.59	2	380.61	2	51.63	2	
1/4	2,697.06	1/4	2,365.13	1/4	2,033.14	1/4	1,701.15	1/4	1,369.17	1/4	1,037.19	1/4	705.67	1/4	373.70	1/4	45.75	1/4	
1/2	2,690.15	1/2	2,358.21	1/2	2,026.22	1/2	1,694.24	1/2	1,362.25	1/2	1,030.27	1/2	698.75	1/2	366.78	1/2	39.88	1/2	
3/4	2,683.24	3/4	2,351.29	3/4	2,019.31	3/4	1,687.32	3/4	1,355.33	3/4	1,023.37	3/4	691.84	3/4	359.87	3/4	35.38	3/4	
3	2,676.33	3	2,344.38	3	2,012.39	3	1,680.40	3	1,348.42	3	1,016.46	3	684.92	3	352.96	3	30.89	3	
1/4	2,669.42	1/4	2,337.46	1/4	2,005.47	1/4	1,673.49	1/4	1,341.50	1/4	1,009.56	1/4	678.01	1/4	346.05	1/4	26.39	1/4	
1/2	2,662.51	1/2	2,330.55	1/2	1,998.56	1/2	1,666.57	1/2	1,334.58	1/2	1,002.65	1/2	671.09	1/2	339.13	1/2	21.90	1/2	
3/4	2,655.59	3/4	2,323.63	3/4	1,991.64	3/4	1,659.65	3/4	1,327.67	3/4	995.75	3/4	664.17	3/4	332.22	3/4		3/4	
4	2,648.68	4	2,316.71	4	1,984.73	4	1,652.74	4	1,320.75	4	988.85	4	657.26	4	325.31	4		4	
1/4	2,641.77	1/4	2,309.80	1/4	1,977.81	1/4	1,645.82	1/4	1,313.83	1/4	981.94	1/4	650.34	1/4	318.39	1/4		1/4	
1/2	2,634.86	1/2	2,302.88	1/2	1,970.89	1/2	1,638.91	1/2	1,306.92	1/2	975.04	1/2	643.43	1/2	311.48	1/2		1/2	
3/4	2,627.94	3/4	2,295.96	3/4	1,963.98	3/4	1,631.99	3/4	1,300.00	3/4	968.13	3/4	636.51	3/4	304.56	3/4		3/4	
5	2,621.03	5	2,289.05	5	1,957.06	5	1,625.07	5	1,293.09	5	961.23	5	629.59	5	297.65	5		5	
1/4	2,614.12	1/4	2,282.13	1/4	1,950.14	1/4	1,618.16	1/4	1,286.17	1/4	954.32	1/4	622.68	1/4	290.73	1/4		1/4	
1/2	2,607.20	1/2	2,275.21	1/2	1,943.23	1/2	1,611.24	1/2	1,279.25	1/2	947.42	1/2	615.76	1/2	283.81	1/2		1/2	
3/4	2,600.28	3/4	2,268.30	3/4	1,936.31	3/4	1,604.32	3/4	1,272.34	3/4	940.51	3/4	608.84	3/4	276.90	3/4		3/4	
6	2,593.37	6	2,261.38	6	1,929.39	6	1,597.41	6	1,265.42	6	933.61	6	601.93	6	269.98	6		6	
1/4	2,586.45	1/4	2,254.46	1/4	1,922.48	1/4	1,590.49	1/4	1,258.50	1/4	926.71	1/4	595.01	1/4	263.07	1/4		1/4	
1/2	2,579.54	1/2	2,247.55	1/2	1,915.56	1/2	1,583.57	1/2	1,251.59	1/2	919.80	1/2	588.10	1/2	256.15	1/2		1/2	
3/4	2,572.62	3/4	2,240.63	3/4	1,908.64	3/4	1,576.66	3/4	1,244.67	3/4	912.90	3/4	581.18	3/4	249.23	3/4		3/4	
7	2,565.70	7	2,233.72	7	1,901.73	7	1,569.74	7	1,237.75	7	905.99	7	574.26	7	242.32	7		7	
1/4	2,558.79	1/4	2,226.80	1/4	1,894.81	1/4	1,562.82	1/4	1,230.84	1/4	899.09	1/4	567.35	1/4	235.40	1/4		1/4	
1/2	2,551.87	1/2	2,219.88	1/2	1,887.90	1/2	1,555.91	1/2	1,223.92	1/2	892.18	1/2	560.43	1/2	228.49	1/2		1/2	
3/4	2,544.95	3/4	2,212.97	3/4	1,880.98	3/4	1,548.99	3/4	1,217.00	3/4	885.28	3/4	553.52	3/4	221.57	3/4		3/4	
8	2,538.04	8	2,206.05	8	1,874.06	8	1,542.08	8	1,210.09	8	878.38	8	546.60	8	214.65	8		8	
1/4	2,531.12	1/4	2,199.13	1/4	1,867.15	1/4	1,535.16	1/4	1,203.17	1/4	871.47	1/4	539.68	1/4	207.74	1/4		1/4	
1/2	2,524.20	1/2	2,192.22	1/2	1,860.23	1/2	1,528.24	1/2	1,196.26	1/2	864.57	1/2	532.77	1/2	200.82	1/2		1/2	
3/4	2,517.29	3/4	2,185.30	3/4	1,853.31	3/4	1,521.33	3/4	1,189.34	3/4	857.66	3/4	525.85	3/4	193.90	3/4		3/4	
9	2,510.37	9	2,178.38	9	1,846.40	9	1,514.41	9	1,182.42	9	850.76	9	518.94	9	186.99	9		9	
1/4	2,503.46	1/4	2,171.47	1/4	1,839.48	1/4	1,507.49	1/4	1,175.51	1/4	843.85	1/4	512.02	1/4	180.07	1/4		1/4	
1/2	2,496.54	1/2	2,164.55	1/2	1,832.56	1/2	1,500.58	1/2	1,168.59	1/2	836.95	1/2	505.10	1/2	173.16	1/2		1/2	
3/4	2,489.62	3/4	2,157.64	3/4	1,825.65	3/4	1,493.66	3/4	1,161.67	3/4	830.04	3/4	498.19	3/4	166.24	3/4		3/4	
10	2,482.71	10	2,150.72	10	1,818.73	10	1,486.74	10	1,154.76	10	823.14	10	491.27	10	159.33	10		10	
1/4	2,475.79	1/4	2,143.80	1/4	1,811.82	1/4	1,479.83	1/4	1,147.84	1/4	816.24	1/4	484.35	1/4	152.41	1/4		1/4	
1/2	2,468.87	1/2	2,136.89	1/2	1,804.90	1/2	1,472.91	1/2	1,140.92	1/2	809.33	1/2	477.44	1/2	145.49	1/2		1/2	
3/4	2,461.96	3/4	2,129.97	3/4	1,797.98	3/4	1,466.00	3/4	1,134.01	3/4	802.43	3/4	470.52	3/4	138.58	3/4		3/4	
11	2,455.04	11	2,123.05	11	1,791.07	11	1,459.08	11	1,127.09	11	795.52	11	463.61	11	131.67	11		11	
1/4	2,448.12	1/4	2,116.14	1/4	1,784.15	1/4	1,452.16	1/4	1,120.18	1/4	788.62	1/4	456.69	1/4	124.76	1/4		1/4	
1/2	2,441.21	1/2	2,109.22	1/2	1,777.23	1/2	1,445.25	1/2	1,113.26	1/2	781.71	1/2	449.77	1/2	117.84	1/2		1/2	
3/4	2,434.29	3/4	2,102.30	3/4	1,770.32	3/4	1,438.33	3/4	1,106.34	3/4	774.81	3/4	442.86	3/4	110.94	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							5,026.71		4,729.09		4,414.08		4,084.51		3,752.74		3,420.97		3,089.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,020.72	1/4	4,722.72	1/4	4,407.34	1/4	4,077.59	1/4	3,745.83	1/4	3,414.06	1/4	3,082.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,014.72	1/2	4,716.35	1/2	4,400.61	1/2	4,070.68	1/2	3,738.92	1/2	3,407.15	1/2	3,075.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,008.66	3/4	4,709.96	3/4	4,393.84	3/4	4,063.77	3/4	3,732.00	3/4	3,400.24	3/4	3,068.47		
1	1	1	1	1	1	1	5,002.59	1	4,703.56	1	4,387.07	1	4,056.86	1	3,725.09	1	3,393.33	1	3,061.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,996.53	1/4	4,697.16	1/4	4,380.31	1/4	4,049.95	1/4	3,718.18	1/4	3,386.41	1/4	3,054.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,990.47	1/2	4,690.77	1/2	4,373.54	1/2	4,043.04	1/2	3,711.27	1/2	3,379.50	1/2	3,047.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,984.37	3/4	4,684.34	3/4	4,366.74	3/4	4,036.12	3/4	3,704.36	3/4	3,372.59	3/4	3,040.82		
2	2	2	2	2	2	2	4,978.28	2	4,677.92	2	4,359.95	2	4,029.21	2	3,697.45	2	3,365.68	2	3,033.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,972.19	1/4	4,671.50	1/4	4,353.16	1/4	4,022.30	1/4	3,690.53	1/4	3,358.77	1/4	3,027.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,966.10	1/2	4,665.07	1/2	4,346.36	1/2	4,015.39	1/2	3,683.62	1/2	3,351.86	1/2	3,020.09		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,959.98	3/4	4,658.61	3/4	4,339.54	3/4	4,008.48	3/4	3,676.71	3/4	3,344.94	3/4	3,013.18		
3	3	3	3	3	3	3	4,953.86	3	4,652.15	3	4,332.72	3	4,001.56	3	3,669.80	3	3,338.03	3	3,006.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,947.74	1/4	4,645.69	1/4	4,325.90	1/4	3,994.65	1/4	3,662.89	1/4	3,331.12	1/4	2,999.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,941.62	1/2	4,639.23	1/2	4,319.07	1/2	3,987.74	1/2	3,655.97	1/2	3,324.21	1/2	2,992.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,935.47	3/4	4,632.71	3/4	4,312.22	3/4	3,980.83	3/4	3,649.06	3/4	3,317.30	3/4	2,985.53		
4	4	4	4	4	4	4	4,929.33	4	4,626.20	4	4,305.37	4	3,973.92	4	3,642.15	4	3,310.38	4	2,978.62		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.18	1/4	4,619.68	1/4	4,298.53	1/4	3,967.01	1/4	3,635.24	1/4	3,303.47	1/4	2,971.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.03	1/2	4,613.16	1/2	4,291.68	1/2	3,960.09	1/2	3,628.33	1/2	3,296.56	1/2	2,964.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,910.86	3/4	4,606.61	3/4	4,284.80	3/4	3,953.18	3/4	3,621.42	3/4	3,289.65	3/4	2,957.88		
5	5	5	5	5	5	5	4,904.68	5	4,600.07	5	4,277.92	5	3,946.27	5	3,614.50	5	3,282.74	5	2,950.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,898.51	1/4	4,593.52	1/4	4,271.04	1/4	3,939.36	1/4	3,607.59	1/4	3,275.83	1/4	2,944.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,892.34	1/2	4,586.98	1/2	4,264.17	1/2	3,932.45	1/2	3,600.68	1/2	3,268.91	1/2	2,937.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,886.13	3/4	4,580.40	3/4	4,257.27	3/4	3,925.54	3/4	3,593.77	3/4	3,262.00	3/4	2,930.24		
6	6	6	6	6	6	6	4,879.93	6	4,573.83	6	4,250.37	6	3,918.62	6	3,586.86	6	3,255.09	6	2,923.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.73	1/4	4,567.26	1/4	4,243.47	1/4	3,911.71	1/4	3,579.95	1/4	3,248.18	1/4	2,916.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,867.53	1/2	4,560.68	1/2	4,236.57	1/2	3,904.80	1/2	3,573.03	1/2	3,241.27	1/2	2,909.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,861.30	3/4	4,554.08	3/4	4,229.65	3/4	3,897.89	3/4	3,566.12	3/4	3,234.36	3/4	2,902.59		
7	7	7	5,141.00	7	4,855.07	7	4,547.48	7	4,222.74	7	3,890.98	7	3,559.21	7	3,227.44	7	2,895.68				
1/4	1/4	1/4	5,136.12	1/4	4,848.84	1/4	4,540.88	1/4	4,215.83	1/4	3,884.06	1/4	3,552.30	1/4	3,220.53	1/4	2,888.77				
1/2	1/2	1/2	5,131.24	1/2	4,842.61	1/2	4,534.28	1/2	4,208.92	1/2	3,877.15	1/2	3,545.39	1/2	3,213.62	1/2	2,881.85				
3/4	3/4	3/4	5,125.89	3/4	4,836.35	3/4	4,527.65	3/4	4,202.01	3/4	3,870.24	3/4	3,538.47	3/4	3,206.71	3/4	2,874.94				
8	8	8	5,120.53	8	4,830.09	8	4,521.02	8	4,195.10	8	3,863.33	8	3,531.56	8	3,199.80	8	2,868.03				
1/4	1/4	1/4	5,115.18	1/4	4,823.83	1/4	4,514.40	1/4	4,188.18	1/4	3,856.42	1/4	3,524.65	1/4	3,192.88	1/4	2,861.12				
1/2	1/2	1/2	5,109.82	1/2	4,817.58	1/2	4,507.77	1/2	4,181.27	1/2	3,849.51	1/2	3,517.74	1/2	3,185.97	1/2	2,854.21				
3/4	3/4	3/4	5,103.92	3/4	4,811.29	3/4	4,501.11	3/4	4,174.36	3/4	3,842.59	3/4	3,510.83	3/4	3,179.06	3/4	2,847.29				
9	9	9	5,098.02	9	4,805.01	9	4,494.46	9	4,167.45	9	3,835.68	9	3,503.92	9	3,172.15	9	2,840.38				
1/4	1/4	1/4	5,092.12	1/4	4,798.72	1/4	4,487.80	1/4	4,160.54	1/4	3,828.77	1/4	3,497.00	1/4	3,165.24	1/4	2,833.47				
1/2	1/2	1/2	5,086.22	1/2	4,792.44	1/2	4,481.14	1/2	4,153.62	1/2	3,821.86	1/2	3,490.09	1/2	3,158.33	1/2	2,826.56				
3/4	3/4	3/4	5,080.30	3/4	4,786.12	3/4	4,474.46	3/4	4,146.71	3/4	3,814.95	3/4	3,483.18	3/4	3,151.41	3/4	2,819.65				
10	10	10	5,074.37	10	4,779.81	10	4,467.78	10	4,139.80	10	3,808.03	10	3,476.27	10	3,144.50	10	2,812.74				
1/4	1/4	1/4	5,068.44	1/4	4,773.50	1/4	4,461.09	1/4	4,132.89	1/4	3,801.12	1/4	3,469.36	1/4	3,137.59	1/4	2,805.82				
1/2	1/2	1/2	5,062.52	1/2	4,767.18	1/2	4,454.41	1/2	4,125.98	1/2	3,794.21	1/2	3,462.44	1/2	3,130.68	1/2	2,798.91				
3/4	3/4	3/4	5,056.56	3/4	4,760.84	3/4	4,447.70	3/4	4,119.07	3/4	3,787.30	3/4	3,455.53	3/4	3,123.77	3/4	2,792.00				
11	11	11	5,050.61	11	4,754.50	11	4,440.98	11	4,112.15	11	3,780.39	11	3,448.62	11	3,116.85	11	2,785.09				
1/4	1/4	1/4	5,044.66	1/4	4,748.16	1/4	4,434.27	1/4	4,105.24	1/4	3,773.48	1/4	3,441.71	1/4	3,109.94	1/4	2,778.18				
1/2	1/2	1/2	5,038.70	1/2	4,741.82	1/2	4,427.56	1/2	4,098.33	1/2	3,766.56	1/2	3,434.80	1/2	3,103.03	1/2	2,771.26				
3/4	3/4	3/4	5,032.71	3/4	4,735.46	3/4	4,420.82	3/4	4,091.42	3/4	3,759.65	3/4	3,427.89	3/4	3,096.12	3/4	2,764.35				

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 10'-06" OFF CENTERLINE AND 42'-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 29085"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,757.44	0	2,425.54	0	2,093.56	0	1,761.57	0	1,429.58	0	1,097.60	0	767.67	0	435.94	0	104.04	0	
1/4	2,750.53	1/4	2,418.63	1/4	2,086.64	1/4	1,754.65	1/4	1,422.67	1/4	1,090.68	1/4	760.80	1/4	429.02	1/4	97.14	1/4	
1/2	2,743.62	1/2	2,411.71	1/2	2,079.72	1/2	1,747.74	1/2	1,415.75	1/2	1,083.76	1/2	753.93	1/2	422.11	1/2	90.24	1/2	
3/4	2,736.71	3/4	2,404.80	3/4	2,072.81	3/4	1,740.82	3/4	1,408.83	3/4	1,076.86	3/4	747.06	3/4	415.19	3/4	83.53	3/4	
1	2,729.79	1	2,397.88	1	2,065.89	1	1,733.90	1	1,401.92	1	1,069.95	1	740.18	1	408.28	1	76.81	1	
1/4	2,722.88	1/4	2,390.96	1/4	2,058.98	1/4	1,726.99	1/4	1,395.00	1/4	1,063.05	1/4	733.30	1/4	401.36	1/4	70.10	1/4	
1/2	2,715.97	1/2	2,384.05	1/2	2,052.06	1/2	1,720.07	1/2	1,388.08	1/2	1,056.14	1/2	726.42	1/2	394.44	1/2	63.38	1/2	
3/4	2,709.06	3/4	2,377.13	3/4	2,045.14	3/4	1,713.16	3/4	1,381.17	3/4	1,049.27	3/4	719.50	3/4	387.53	3/4	57.50	3/4	
2	2,702.15	2	2,370.21	2	2,038.23	2	1,706.24	2	1,374.25	2	1,042.39	2	712.58	2	380.61	2	51.63	2	
1/4	2,695.23	1/4	2,363.30	1/4	2,031.31	1/4	1,699.32	1/4	1,367.34	1/4	1,035.52	1/4	705.67	1/4	373.70	1/4	45.75	1/4	
1/2	2,688.32	1/2	2,356.38	1/2	2,024.39	1/2	1,692.41	1/2	1,360.42	1/2	1,028.65	1/2	698.75	1/2	366.78	1/2	39.87	1/2	
3/4	2,681.41	3/4	2,349.46	3/4	2,017.48	3/4	1,685.49	3/4	1,353.50	3/4	1,021.77	3/4	691.84	3/4	359.87	3/4	35.38	3/4	
3	2,674.50	3	2,342.55	3	2,010.56	3	1,678.57	3	1,346.59	3	1,014.90	3	684.92	3	352.96	3	30.88	3	
1/4	2,667.59	1/4	2,335.63	1/4	2,003.64	1/4	1,671.66	1/4	1,339.67	1/4	1,008.03	1/4	678.00	1/4	346.04	1/4	26.39	1/4	
1/2	2,660.68	1/2	2,328.72	1/2	1,996.73	1/2	1,664.74	1/2	1,332.75	1/2	1,001.16	1/2	671.09	1/2	339.13	1/2	21.90	1/2	
3/4	2,653.76	3/4	2,321.80	3/4	1,989.81	3/4	1,657.82	3/4	1,325.84	3/4	994.29	3/4	664.17	3/4	332.22	3/4		3/4	
4	2,646.85	4	2,314.88	4	1,982.90	4	1,650.91	4	1,318.92	4	987.42	4	657.25	4	325.30	4		4	
1/4	2,639.94	1/4	2,307.97	1/4	1,975.98	1/4	1,643.99	1/4	1,312.00	1/4	980.56	1/4	650.34	1/4	318.39	1/4		1/4	
1/2	2,633.03	1/2	2,301.05	1/2	1,969.06	1/2	1,637.08	1/2	1,305.09	1/2	973.69	1/2	643.42	1/2	311.48	1/2		1/2	
3/4	2,626.11	3/4	2,294.13	3/4	1,962.15	3/4	1,630.16	3/4	1,298.17	3/4	966.82	3/4	636.51	3/4	304.56	3/4		3/4	
5	2,619.20	5	2,287.22	5	1,955.23	5	1,623.24	5	1,291.26	5	959.95	5	629.59	5	297.64	5		5	
1/4	2,612.29	1/4	2,280.30	1/4	1,948.31	1/4	1,616.33	1/4	1,284.34	1/4	953.09	1/4	622.67	1/4	290.73	1/4		1/4	
1/2	2,605.37	1/2	2,273.38	1/2	1,941.40	1/2	1,609.41	1/2	1,277.42	1/2	946.22	1/2	615.76	1/2	283.81	1/2		1/2	
3/4	2,598.45	3/4	2,266.47	3/4	1,934.48	3/4	1,602.49	3/4	1,270.51	3/4	939.35	3/4	608.84	3/4	276.90	3/4		3/4	
6	2,591.54	6	2,259.55	6	1,927.56	6	1,595.58	6	1,263.59	6	932.48	6	601.93	6	269.98	6		6	
1/4	2,584.62	1/4	2,252.63	1/4	1,920.65	1/4	1,588.66	1/4	1,256.67	1/4	925.62	1/4	595.01	1/4	263.06	1/4		1/4	
1/2	2,577.71	1/2	2,245.72	1/2	1,913.73	1/2	1,581.74	1/2	1,249.76	1/2	918.75	1/2	588.09	1/2	256.15	1/2		1/2	
3/4	2,570.79	3/4	2,238.80	3/4	1,906.81	3/4	1,574.83	3/4	1,242.84	3/4	911.88	3/4	581.18	3/4	249.23	3/4		3/4	
7	2,563.87	7	2,231.89	7	1,899.90	7	1,567.91	7	1,235.92	7	905.02	7	574.26	7	242.32	7		7	
1/4	2,556.96	1/4	2,224.97	1/4	1,892.98	1/4	1,560.99	1/4	1,229.01	1/4	898.15	1/4	567.35	1/4	235.40	1/4		1/4	
1/2	2,550.04	1/2	2,218.05	1/2	1,886.07	1/2	1,554.08	1/2	1,222.09	1/2	891.28	1/2	560.43	1/2	228.48	1/2		1/2	
3/4	2,543.12	3/4	2,211.14	3/4	1,879.15	3/4	1,547.16	3/4	1,215.17	3/4	884.41	3/4	553.51	3/4	221.57	3/4		3/4	
8	2,536.21	8	2,204.22	8	1,872.23	8	1,540.25	8	1,208.26	8	877.55	8	546.60	8	214.65	8		8	
1/4	2,529.29	1/4	2,197.30	1/4	1,865.32	1/4	1,533.33	1/4	1,201.34	1/4	870.68	1/4	539.68	1/4	207.73	1/4		1/4	
1/2	2,522.37	1/2	2,190.39	1/2	1,858.40	1/2	1,526.41	1/2	1,194.43	1/2	863.81	1/2	532.76	1/2	200.82	1/2		1/2	
3/4	2,515.46	3/4	2,183.47	3/4	1,851.48	3/4	1,519.50	3/4	1,187.51	3/4	856.94	3/4	525.85	3/4	193.90	3/4		3/4	
9	2,508.54	9	2,176.55	9	1,844.57	9	1,512.58	9	1,180.59	9	850.08	9	518.93	9	186.99	9		9	
1/4	2,501.63	1/4	2,169.64	1/4	1,837.65	1/4	1,505.66	1/4	1,173.68	1/4	843.21	1/4	512.02	1/4	180.07	1/4		1/4	
1/2	2,494.71	1/2	2,162.72	1/2	1,830.73	1/2	1,498.75	1/2	1,166.76	1/2	836.34	1/2	505.10	1/2	173.15	1/2		1/2	
3/4	2,487.79	3/4	2,155.81	3/4	1,823.82	3/4	1,491.83	3/4	1,159.84	3/4	829.48	3/4	498.18	3/4	166.24	3/4		3/4	
10	2,480.88	10	2,148.89	10	1,816.90	10	1,484.91	10	1,152.93	10	822.61	10	491.27	10	159.32	10		10	
1/4	2,473.96	1/4	2,141.97	1/4	1,809.99	1/4	1,478.00	1/4	1,146.01	1/4	815.74	1/4	484.35	1/4	152.41	1/4		1/4	
1/2	2,467.04	1/2	2,135.06	1/2	1,803.07	1/2	1,471.08	1/2	1,139.09	1/2	808.87	1/2	477.44	1/2	145.49	1/2		1/2	
3/4	2,460.13	3/4	2,128.14	3/4	1,796.15	3/4	1,464.17	3/4	1,132.18	3/4	802.01	3/4	470.52	3/4	138.58	3/4		3/4	
11	2,453.21	11	2,121.22	11	1,789.24	11	1,457.25	11	1,125.26	11	795.14	11	463.60	11	131.67	11		11	
1/4	2,446.29	1/4	2,114.31	1/4	1,782.32	1/4	1,450.33	1/4	1,118.35	1/4	788.27	1/4	456.69	1/4	124.75	1/4		1/4	
1/2	2,439.38	1/2	2,107.39	1/2	1,775.40	1/2	1,443.42	1/2	1,111.43	1/2	781.40	1/2	449.77	1/2	117.84	1/2		1/2	
3/4	2,432.46	3/4	2,100.47	3/4	1,768.49	3/4	1,436.50	3/4	1,104.51	3/4	774.54	3/4	442.86	3/4	110.94	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,012.38	0	4,715.72	0	4,401.74	0	4,073.22	0	3,742.53	0	3,411.84	0	3,081.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,006.40	1/4	4,709.37	1/4	4,395.02	1/4	4,066.33	1/4	3,735.64	1/4	3,404.95	1/4	3,074.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,000.43	1/2	4,703.03	1/2	4,388.30	1/2	4,059.44	1/2	3,728.75	1/2	3,398.06	1/2	3,067.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,994.38	3/4	4,696.65	3/4	4,381.56	3/4	4,052.55	3/4	3,721.86	3/4	3,391.17	3/4	3,060.48
1		1		1		1	4,988.34	1	4,690.28	1	4,374.81	1	4,045.67	1	3,714.97	1	3,384.28	1	3,053.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,982.29	1/4	4,683.90	1/4	4,368.07	1/4	4,038.78	1/4	3,708.08	1/4	3,377.39	1/4	3,046.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,976.25	1/2	4,677.53	1/2	4,361.32	1/2	4,031.89	1/2	3,701.20	1/2	3,370.50	1/2	3,039.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.18	3/4	4,671.12	3/4	4,354.55	3/4	4,025.00	3/4	3,694.31	3/4	3,363.61	3/4	3,032.92
2		2		2		2	4,964.11	2	4,664.72	2	4,347.78	2	4,018.11	2	3,687.42	2	3,356.73	2	3,026.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,958.03	1/4	4,658.32	1/4	4,341.01	1/4	4,011.22	1/4	3,680.53	1/4	3,349.84	1/4	3,019.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,951.96	1/2	4,651.92	1/2	4,334.23	1/2	4,004.33	1/2	3,673.64	1/2	3,342.95	1/2	3,012.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,945.86	3/4	4,645.48	3/4	4,327.43	3/4	3,997.44	3/4	3,666.75	3/4	3,336.06	3/4	3,005.37
3		3		3		3	4,939.76	3	4,639.04	3	4,320.63	3	3,990.55	3	3,659.86	3	3,329.17	3	2,998.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,933.66	1/4	4,632.60	1/4	4,313.83	1/4	3,983.66	1/4	3,652.97	1/4	3,322.28	1/4	2,991.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,927.56	1/2	4,626.16	1/2	4,307.04	1/2	3,976.77	1/2	3,646.08	1/2	3,315.39	1/2	2,984.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,921.44	3/4	4,619.66	3/4	4,300.21	3/4	3,969.88	3/4	3,639.19	3/4	3,308.50	3/4	2,977.81
4		4		4		4	4,915.31	4	4,613.16	4	4,293.38	4	3,962.99	4	3,632.30	4	3,301.61	4	2,970.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,909.18	1/4	4,606.67	1/4	4,286.55	1/4	3,956.10	1/4	3,625.41	1/4	3,294.72	1/4	2,964.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,903.06	1/2	4,600.17	1/2	4,279.73	1/2	3,949.21	1/2	3,618.52	1/2	3,287.83	1/2	2,957.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,896.90	3/4	4,593.65	3/4	4,272.87	3/4	3,942.32	3/4	3,611.63	3/4	3,280.94	3/4	2,950.25
5		5		5		5	4,890.75	5	4,587.12	5	4,266.02	5	3,935.43	5	3,604.74	5	3,274.05	5	2,943.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,884.59	1/4	4,580.60	1/4	4,259.16	1/4	3,928.55	1/4	3,597.85	1/4	3,267.16	1/4	2,936.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,878.44	1/2	4,574.07	1/2	4,252.31	1/2	3,921.66	1/2	3,590.96	1/2	3,260.27	1/2	2,929.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,872.26	3/4	4,567.52	3/4	4,245.43	3/4	3,914.77	3/4	3,584.08	3/4	3,253.38	3/4	2,922.69
6		6		6		6	4,866.07	6	4,560.97	6	4,238.55	6	3,907.88	6	3,577.19	6	3,246.49	6	2,915.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,859.89	1/4	4,554.42	1/4	4,231.67	1/4	3,900.99	1/4	3,570.30	1/4	3,239.61	1/4	2,908.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,853.71	1/2	4,547.86	1/2	4,224.79	1/2	3,894.10	1/2	3,563.41	1/2	3,232.72	1/2	2,902.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,847.50	3/4	4,541.28	3/4	4,217.90	3/4	3,887.21	3/4	3,556.52	3/4	3,225.83	3/4	2,895.14
7		7		7	5,126.30	7	4,841.29	7	4,534.70	7	4,211.01	7	3,880.32	7	3,549.63	7	3,218.94	7	2,888.25
1/4	1/4	1/4	1/4	1/4	5,121.43	1/4	4,835.08	1/4	4,528.13	1/4	4,204.12	1/4	3,873.43	1/4	3,542.74	1/4	3,212.05	1/4	2,881.36
1/2	1/2	1/2	1/2	1/2	5,116.57	1/2	4,828.87	1/2	4,521.55	1/2	4,197.23	1/2	3,866.54	1/2	3,535.85	1/2	3,205.16	1/2	2,874.47
3/4	3/4	3/4	3/4	3/4	5,111.23	3/4	4,822.63	3/4	4,514.94	3/4	4,190.34	3/4	3,859.65	3/4	3,528.96	3/4	3,198.27	3/4	2,867.58
8		8		8	5,105.89	8	4,816.40	8	4,508.33	8	4,183.45	8	3,852.76	8	3,522.07	8	3,191.38	8	2,860.69
1/4	1/4	1/4	1/4	1/4	5,100.56	1/4	4,810.16	1/4	4,501.72	1/4	4,176.56	1/4	3,845.87	1/4	3,515.18	1/4	3,184.49	1/4	2,853.80
1/2	1/2	1/2	1/2	1/2	5,095.22	1/2	4,803.92	1/2	4,495.12	1/2	4,169.67	1/2	3,838.98	1/2	3,508.29	1/2	3,177.60	1/2	2,846.91
3/4	3/4	3/4	3/4	3/4	5,089.34	3/4	4,797.66	3/4	4,488.48	3/4	4,162.78	3/4	3,832.09	3/4	3,501.40	3/4	3,170.71	3/4	2,840.02
9		9		9	5,083.46	9	4,791.39	9	4,481.85	9	4,155.90	9	3,825.20	9	3,494.51	9	3,163.82	9	2,833.13
1/4	1/4	1/4	1/4	1/4	5,077.58	1/4	4,785.13	1/4	4,475.21	1/4	4,149.01	1/4	3,818.31	1/4	3,487.62	1/4	3,156.93	1/4	2,826.24
1/2	1/2	1/2	1/2	1/2	5,071.69	1/2	4,778.86	1/2	4,468.58	1/2	4,142.12	1/2	3,811.43	1/2	3,480.73	1/2	3,150.04	1/2	2,819.35
3/4	3/4	3/4	3/4	3/4	5,065.79	3/4	4,772.57	3/4	4,461.92	3/4	4,135.23	3/4	3,804.54	3/4	3,473.84	3/4	3,143.15	3/4	2,812.46
10		10		10	5,059.88	10	4,766.28	10	4,455.26	10	4,128.34	10	3,797.65	10	3,466.96	10	3,136.26	10	2,805.57
1/4	1/4	1/4	1/4	1/4	5,053.97	1/4	4,759.99	1/4	4,448.59	1/4	4,121.45	1/4	3,790.76	1/4	3,460.07	1/4	3,129.37	1/4	2,798.68
1/2	1/2	1/2	1/2	1/2	5,048.06	1/2	4,753.69	1/2	4,441.93	1/2	4,114.56	1/2	3,783.87	1/2	3,453.18	1/2	3,122.49	1/2	2,791.79
3/4	3/4	3/4	3/4	3/4	5,042.13	3/4	4,747.37	3/4	4,435.24	3/4	4,107.67	3/4	3,776.98	3/4	3,446.29	3/4	3,115.60	3/4	2,784.90
11		11		11	5,036.20	11	4,741.06	11	4,428.55	11	4,100.78	11	3,770.09	11	3,439.40	11	3,108.71	11	2,778.02
1/4	1/4	1/4	1/4	1/4	5,030.26	1/4	4,734.74	1/4	4,421.86	1/4	4,093.89	1/4	3,763.20	1/4	3,432.51	1/4	3,101.82	1/4	2,771.13
1/2	1/2	1/2	1/2	1/2	5,024.33	1/2	4,728.42	1/2	4,415.17	1/2	4,087.00	1/2	3,756.31	1/2	3,425.62	1/2	3,094.93	1/2	2,764.24
3/4	3/4	3/4	3/4	3/4	5,018.35	3/4	4,722.07	3/4	4,408.45	3/4	4,080.11	3/4	3,749.42	3/4	3,418.73	3/4	3,088.04	3/4	2,757.35

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 10'-06" OFF CENTERLINE AND 41'-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 29085"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,750.46	0	2,419.65	0	2,088.73	0	1,757.82	0	1,426.90	0	1,095.98	0	765.42	0	434.54	0	103.71	0	
1/4	2,743.57	1/4	2,412.76	1/4	2,081.84	1/4	1,750.92	1/4	1,420.01	1/4	1,089.09	1/4	758.54	1/4	427.64	1/4	96.84	1/4	
1/2	2,736.68	1/2	2,405.86	1/2	2,074.95	1/2	1,744.03	1/2	1,413.11	1/2	1,082.20	1/2	751.65	1/2	420.75	1/2	89.96	1/2	
3/4	2,729.79	3/4	2,398.97	3/4	2,068.05	3/4	1,737.14	3/4	1,406.22	3/4	1,075.30	3/4	744.76	3/4	413.86	3/4	83.27	3/4	
1	2,722.90	1	2,392.08	1	2,061.16	1	1,730.24	1	1,399.32	1	1,068.41	1	737.86	1	406.96	1	76.57	1	
1/4	2,716.01	1/4	2,385.18	1/4	2,054.26	1/4	1,723.35	1/4	1,392.43	1/4	1,061.51	1/4	730.97	1/4	400.07	1/4	69.88	1/4	
1/2	2,709.12	1/2	2,378.29	1/2	2,047.37	1/2	1,716.45	1/2	1,385.54	1/2	1,054.62	1/2	724.08	1/2	393.17	1/2	63.18	1/2	
3/4	2,702.23	3/4	2,371.39	3/4	2,040.48	3/4	1,709.56	3/4	1,378.64	3/4	1,047.73	3/4	717.18	3/4	386.28	3/4	57.33	3/4	
2	2,695.34	2	2,364.50	2	2,033.58	2	1,702.67	2	1,371.75	2	1,040.84	2	710.29	2	379.39	2	51.47	2	
1/4	2,688.45	1/4	2,357.60	1/4	2,026.69	1/4	1,695.77	1/4	1,364.85	1/4	1,033.95	1/4	703.39	1/4	372.50	1/4	45.61	1/4	
1/2	2,681.56	1/2	2,350.71	1/2	2,019.79	1/2	1,688.88	1/2	1,357.96	1/2	1,027.05	1/2	696.50	1/2	365.60	1/2	39.75	1/2	
3/4	2,674.67	3/4	2,343.82	3/4	2,012.90	3/4	1,681.98	3/4	1,351.07	3/4	1,020.17	3/4	689.61	3/4	358.71	3/4	35.27	3/4	
3	2,667.79	3	2,336.92	3	2,006.01	3	1,675.09	3	1,344.17	3	1,013.28	3	682.71	3	351.82	3	30.79	3	
1/4	2,660.90	1/4	2,330.03	1/4	1,999.11	1/4	1,668.19	1/4	1,337.28	1/4	1,006.40	1/4	675.82	1/4	344.93	1/4	26.31	1/4	
1/2	2,654.01	1/2	2,323.13	1/2	1,992.22	1/2	1,661.30	1/2	1,330.38	1/2	999.51	1/2	668.93	1/2	338.04	1/2	21.83	1/2	
3/4	2,647.12	3/4	2,316.24	3/4	1,985.32	3/4	1,654.41	3/4	1,323.49	3/4	992.63	3/4	662.03	3/4	331.15	3/4		3/4	
4	2,640.23	4	2,309.35	4	1,978.43	4	1,647.51	4	1,316.60	4	985.74	4	655.14	4	324.26	4		4	
1/4	2,633.34	1/4	2,302.45	1/4	1,971.54	1/4	1,640.62	1/4	1,309.70	1/4	978.86	1/4	648.24	1/4	317.37	1/4		1/4	
1/2	2,626.45	1/2	2,295.56	1/2	1,964.64	1/2	1,633.72	1/2	1,302.81	1/2	971.97	1/2	641.35	1/2	310.48	1/2		1/2	
3/4	2,619.56	3/4	2,288.66	3/4	1,957.75	3/4	1,626.83	3/4	1,295.91	3/4	965.09	3/4	634.46	3/4	303.58	3/4		3/4	
5	2,612.67	5	2,281.77	5	1,950.85	5	1,619.94	5	1,289.02	5	958.20	5	627.56	5	296.69	5		5	
1/4	2,605.79	1/4	2,274.88	1/4	1,943.96	1/4	1,613.04	1/4	1,282.13	1/4	951.32	1/4	620.67	1/4	289.80	1/4		1/4	
1/2	2,598.90	1/2	2,267.98	1/2	1,937.06	1/2	1,606.15	1/2	1,275.23	1/2	944.43	1/2	613.78	1/2	282.90	1/2		1/2	
3/4	2,592.00	3/4	2,261.09	3/4	1,930.17	3/4	1,599.25	3/4	1,268.34	3/4	937.55	3/4	606.88	3/4	276.01	3/4		3/4	
6	2,585.11	6	2,254.19	6	1,923.28	6	1,592.36	6	1,261.44	6	930.67	6	599.99	6	269.11	6		6	
1/4	2,578.22	1/4	2,247.30	1/4	1,916.38	1/4	1,585.47	1/4	1,254.55	1/4	923.78	1/4	593.09	1/4	262.22	1/4		1/4	
1/2	2,571.33	1/2	2,240.41	1/2	1,909.49	1/2	1,578.57	1/2	1,247.65	1/2	916.90	1/2	586.20	1/2	255.33	1/2		1/2	
3/4	2,564.43	3/4	2,233.51	3/4	1,902.59	3/4	1,571.68	3/4	1,240.76	3/4	910.01	3/4	579.31	3/4	248.43	3/4		3/4	
7	2,557.53	7	2,226.62	7	1,895.70	7	1,564.78	7	1,233.87	7	903.13	7	572.41	7	241.54	7		7	
1/4	2,550.64	1/4	2,219.72	1/4	1,888.81	1/4	1,557.89	1/4	1,226.97	1/4	896.24	1/4	565.52	1/4	234.65	1/4		1/4	
1/2	2,543.75	1/2	2,212.83	1/2	1,881.91	1/2	1,551.00	1/2	1,220.08	1/2	889.36	1/2	558.62	1/2	227.75	1/2		1/2	
3/4	2,536.85	3/4	2,205.93	3/4	1,875.02	3/4	1,544.10	3/4	1,213.18	3/4	882.47	3/4	551.73	3/4	220.86	3/4		3/4	
8	2,529.96	8	2,199.04	8	1,868.12	8	1,537.21	8	1,206.29	8	875.59	8	544.84	8	213.96	8		8	
1/4	2,523.06	1/4	2,192.15	1/4	1,861.23	1/4	1,530.31	1/4	1,199.40	1/4	868.70	1/4	537.94	1/4	207.07	1/4		1/4	
1/2	2,516.17	1/2	2,185.25	1/2	1,854.34	1/2	1,523.42	1/2	1,192.50	1/2	861.82	1/2	531.05	1/2	200.18	1/2		1/2	
3/4	2,509.27	3/4	2,178.36	3/4	1,847.44	3/4	1,516.52	3/4	1,185.61	3/4	854.93	3/4	524.16	3/4	193.28	3/4		3/4	
9	2,502.38	9	2,171.46	9	1,840.55	9	1,509.63	9	1,178.71	9	848.05	9	517.26	9	186.39	9		9	
1/4	2,495.49	1/4	2,164.57	1/4	1,833.65	1/4	1,502.74	1/4	1,171.82	1/4	841.16	1/4	510.37	1/4	179.50	1/4		1/4	
1/2	2,488.59	1/2	2,157.68	1/2	1,826.76	1/2	1,495.84	1/2	1,164.93	1/2	834.28	1/2	503.47	1/2	172.60	1/2		1/2	
3/4	2,481.70	3/4	2,150.78	3/4	1,819.86	3/4	1,488.95	3/4	1,158.03	3/4	827.39	3/4	496.58	3/4	165.71	3/4		3/4	
10	2,474.80	10	2,143.89	10	1,812.97	10	1,482.05	10	1,151.14	10	820.51	10	489.69	10	158.81	10		10	
1/4	2,467.91	1/4	2,136.99	1/4	1,806.08	1/4	1,475.16	1/4	1,144.24	1/4	813.62	1/4	482.79	1/4	151.92	1/4		1/4	
1/2	2,461.02	1/2	2,130.10	1/2	1,799.18	1/2	1,468.27	1/2	1,137.35	1/2	806.74	1/2	475.90	1/2	145.03	1/2		1/2	
3/4	2,454.12	3/4	2,123.21	3/4	1,792.29	3/4	1,461.37	3/4	1,130.45	3/4	799.85	3/4	469.01	3/4	138.14	3/4		3/4	
11	2,447.23	11	2,116.31	11	1,785.39	11	1,454.48	11	1,123.56	11	792.97	11	462.11	11	131.25	11		11	
1/4	2,440.33	1/4	2,109.42	1/4	1,778.50	1/4	1,447.58	1/4	1,116.67	1/4	786.08	1/4	455.22	1/4	124.36	1/4		1/4	
1/2	2,433.44	1/2	2,102.52	1/2	1,771.61	1/2	1,440.69	1/2	1,109.77	1/2	779.20	1/2	448.32	1/2	117.47	1/2		1/2	
3/4	2,426.55	3/4	2,095.63	3/4	1,764.71	3/4	1,433.80	3/4	1,102.88	3/4	772.31	3/4	441.43	3/4	110.59	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,978.11	0	4,649.39	0	4,319.22	0	3,988.52	0	3,657.83	0	3,327.14	0	2,996.45
1/4		1/4		1/4		1/4	4,971.31	1/4	4,642.54	1/4	4,312.33	1/4	3,981.63	1/4	3,650.94	1/4	3,320.25	1/4	2,989.56
1/2		1/2		1/2		1/2	4,964.50	1/2	4,635.69	1/2	4,305.44	1/2	3,974.75	1/2	3,644.05	1/2	3,313.36	1/2	2,982.67
3/4		3/4		3/4		3/4	4,957.65	3/4	4,628.84	3/4	4,298.55	3/4	3,967.86	3/4	3,637.16	3/4	3,306.47	3/4	2,975.78
1		1		1		1	4,950.80	1	4,621.99	1	4,291.66	1	3,960.97	1	3,630.28	1	3,299.58	1	2,968.89
1/4		1/4		1/4		1/4	4,943.95	1/4	4,615.14	1/4	4,284.77	1/4	3,954.08	1/4	3,623.39	1/4	3,292.69	1/4	2,962.00
1/2		1/2		1/2		1/2	4,937.10	1/2	4,608.29	1/2	4,277.88	1/2	3,947.19	1/2	3,616.50	1/2	3,285.81	1/2	2,955.11
3/4		3/4		3/4		3/4	4,930.25	3/4	4,601.44	3/4	4,270.99	3/4	3,940.30	3/4	3,609.61	3/4	3,278.92	3/4	2,948.22
2		2		2		2	4,923.40	2	4,594.59	2	4,264.10	2	3,933.41	2	3,602.72	2	3,272.03	2	2,941.34
1/4		1/4		1/4		1/4	4,916.55	1/4	4,587.74	1/4	4,257.21	1/4	3,926.52	1/4	3,595.83	1/4	3,265.14	1/4	2,934.45
1/2		1/2		1/2		1/2	4,909.70	1/2	4,580.89	1/2	4,250.32	1/2	3,919.63	1/2	3,588.94	1/2	3,258.25	1/2	2,927.56
3/4		3/4		3/4		3/4	4,902.85	3/4	4,574.03	3/4	4,243.43	3/4	3,912.74	3/4	3,582.05	3/4	3,251.36	3/4	2,920.67
3		3		3		3	4,896.00	3	4,567.17	3	4,236.54	3	3,905.85	3	3,575.16	3	3,244.47	3	2,913.78
1/4		1/4		1/4		1/4	4,889.15	1/4	4,560.31	1/4	4,229.65	1/4	3,898.96	1/4	3,568.27	1/4	3,237.58	1/4	2,906.89
1/2		1/2		1/2		1/2	4,882.30	1/2	4,553.46	1/2	4,222.76	1/2	3,892.07	1/2	3,561.38	1/2	3,230.69	1/2	2,900.00
3/4		3/4		3/4		3/4	4,875.45	3/4	4,546.57	3/4	4,215.87	3/4	3,885.18	3/4	3,554.49	3/4	3,223.80	3/4	2,893.11
4		4		4		4	4,868.60	4	4,539.68	4	4,208.99	4	3,878.29	4	3,547.60	4	3,216.91	4	2,886.22
1/4		1/4		1/4		1/4	4,861.75	1/4	4,532.79	1/4	4,202.10	1/4	3,871.40	1/4	3,540.71	1/4	3,210.02	1/4	2,879.33
1/2		1/2		1/2		1/2	4,854.90	1/2	4,525.90	1/2	4,195.21	1/2	3,864.52	1/2	3,533.82	1/2	3,203.13	1/2	2,872.44
3/4		3/4		3/4		3/4	4,848.05	3/4	4,519.01	3/4	4,188.32	3/4	3,857.63	3/4	3,526.93	3/4	3,196.24	3/4	2,865.55
5		5		5		5	4,841.20	5	4,512.12	5	4,181.43	5	3,850.74	5	3,520.05	5	3,189.35	5	2,858.66
1/4		1/4		1/4		1/4	4,834.35	1/4	4,505.23	1/4	4,174.54	1/4	3,843.85	1/4	3,513.16	1/4	3,182.46	1/4	2,851.77
1/2		1/2		1/2		1/2	4,827.50	1/2	4,498.34	1/2	4,167.65	1/2	3,836.96	1/2	3,506.27	1/2	3,175.58	1/2	2,844.88
3/4		3/4		3/4		3/4	4,820.65	3/4	4,491.45	3/4	4,160.76	3/4	3,830.07	3/4	3,499.38	3/4	3,168.69	3/4	2,837.99
6		6		6		6	4,813.80	6	4,484.56	6	4,153.87	6	3,823.18	6	3,492.49	6	3,161.80	6	2,831.11
1/4		1/4		1/4		1/4	4,806.95	1/4	4,477.67	1/4	4,146.98	1/4	3,816.29	1/4	3,485.60	1/4	3,154.91	1/4	2,824.22
1/2		1/2		1/2		1/2	4,800.10	1/2	4,470.78	1/2	4,140.09	1/2	3,809.40	1/2	3,478.71	1/2	3,148.02	1/2	2,817.33
3/4		3/4		3/4		3/4	4,793.25	3/4	4,463.89	3/4	4,133.20	3/4	3,802.51	3/4	3,471.82	3/4	3,141.13	3/4	2,810.44
7		7		7	5,108.61	7	4,786.40	7	4,457.00	7	4,126.31	7	3,795.62	7	3,464.93	7	3,134.24	7	2,803.55
1/4		1/4		1/4	5,103.51	1/4	4,779.55	1/4	4,450.11	1/4	4,119.42	1/4	3,788.73	1/4	3,458.04	1/4	3,127.35	1/4	2,796.66
1/2		1/2		1/2	5,098.40	1/2	4,772.70	1/2	4,443.22	1/2	4,112.53	1/2	3,781.84	1/2	3,451.15	1/2	3,120.46	1/2	2,789.77
3/4		3/4		3/4	5,092.12	3/4	4,765.85	3/4	4,436.34	3/4	4,105.64	3/4	3,774.95	3/4	3,444.26	3/4	3,113.57	3/4	2,782.88
8		8		8	5,085.84	8	4,759.00	8	4,429.45	8	4,098.75	8	3,768.06	8	3,437.37	8	3,106.68	8	2,775.99
1/4		1/4		1/4	5,079.56	1/4	4,752.15	1/4	4,422.56	1/4	4,091.87	1/4	3,761.17	1/4	3,430.48	1/4	3,099.79	1/4	2,769.10
1/2		1/2		1/2	5,073.28	1/2	4,745.30	1/2	4,415.67	1/2	4,084.98	1/2	3,754.28	1/2	3,423.59	1/2	3,092.90	1/2	2,762.21
3/4		3/4		3/4	5,066.48	3/4	4,738.45	3/4	4,408.78	3/4	4,078.09	3/4	3,747.40	3/4	3,416.70	3/4	3,086.01	3/4	2,755.32
9		9		9	5,059.69	9	4,731.60	9	4,401.89	9	4,071.20	9	3,740.51	9	3,409.81	9	3,079.12	9	2,748.43
1/4		1/4		1/4	5,052.89	1/4	4,724.75	1/4	4,395.00	1/4	4,064.31	1/4	3,733.62	1/4	3,402.93	1/4	3,072.23	1/4	2,741.54
1/2		1/2		1/2	5,046.09	1/2	4,717.90	1/2	4,388.11	1/2	4,057.42	1/2	3,726.73	1/2	3,396.04	1/2	3,065.34	1/2	2,734.65
3/4		3/4		3/4	5,039.30	3/4	4,711.05	3/4	4,381.22	3/4	4,050.53	3/4	3,719.84	3/4	3,389.15	3/4	3,058.46	3/4	2,727.76
10		10		10	5,032.50	10	4,704.20	10	4,374.33	10	4,043.64	10	3,712.95	10	3,382.26	10	3,051.57	10	2,720.87
1/4		1/4		1/4	5,025.71	1/4	4,697.35	1/4	4,367.44	1/4	4,036.75	1/4	3,706.06	1/4	3,375.37	1/4	3,044.68	1/4	2,713.99
1/2		1/2		1/2	5,018.91	1/2	4,690.50	1/2	4,360.55	1/2	4,029.86	1/2	3,699.17	1/2	3,368.48	1/2	3,037.79	1/2	2,707.10
3/4		3/4		3/4	5,012.11	3/4	4,683.65	3/4	4,353.66	3/4	4,022.97	3/4	3,692.28	3/4	3,361.59	3/4	3,030.90	3/4	2,700.21
11		11		11	5,005.32	11	4,676.80	11	4,346.77	11	4,016.08	11	3,685.39	11	3,354.70	11	3,024.01	11	2,693.32
1/4		1/4		1/4	4,998.53	1/4	4,669.95	1/4	4,339.88	1/4	4,009.19	1/4	3,678.50	1/4	3,347.81	1/4	3,017.12	1/4	2,686.43
1/2		1/2		1/2	4,991.73	1/2	4,663.10	1/2	4,332.99	1/2	4,002.30	1/2	3,671.61	1/2	3,340.92	1/2	3,010.23	1/2	2,679.54
3/4		3/4		3/4	4,984.92	3/4	4,656.24	3/4	4,326.10	3/4	3,995.41	3/4	3,664.72	3/4	3,334.03	3/4	3,003.34	3/4	2,672.65

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 10'-06" OFF CENTERLINE AND 41'-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 29085"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,665.76	0	2,334.95	0	2,004.04	0	1,673.12	0	1,342.20	0	1,011.29	0	713.19	0	416.16	0	101.54	0	
1/4	2,658.87	1/4	2,328.06	1/4	1,997.14	1/4	1,666.23	1/4	1,335.31	1/4	1,004.39	1/4	707.49	1/4	409.77	1/4	94.83	1/4	
1/2	2,651.98	1/2	2,321.16	1/2	1,990.25	1/2	1,659.33	1/2	1,328.41	1/2	997.50	1/2	701.80	1/2	403.38	1/2	88.13	1/2	
3/4	2,645.09	3/4	2,314.27	3/4	1,983.35	3/4	1,652.44	3/4	1,321.52	3/4	990.69	3/4	695.98	3/4	396.96	3/4	81.58	3/4	
1	2,638.20	1	2,307.38	1	1,976.46	1	1,645.54	1	1,314.63	1	983.89	1	690.16	1	390.55	1	75.03	1	
1/4	2,631.31	1/4	2,300.48	1/4	1,969.57	1/4	1,638.65	1/4	1,307.73	1/4	977.09	1/4	684.35	1/4	384.13	1/4	68.48	1/4	
1/2	2,624.42	1/2	2,293.59	1/2	1,962.67	1/2	1,631.75	1/2	1,300.84	1/2	970.28	1/2	678.53	1/2	377.71	1/2	61.93	1/2	
3/4	2,617.53	3/4	2,286.69	3/4	1,955.78	3/4	1,624.86	3/4	1,293.94	3/4	963.75	3/4	672.41	3/4	371.26	3/4	56.19	3/4	
2	2,610.64	2	2,279.80	2	1,948.88	2	1,617.97	2	1,287.05	2	957.22	2	666.30	2	364.82	2	50.45	2	
1/4	2,603.75	1/4	2,272.91	1/4	1,941.99	1/4	1,611.07	1/4	1,280.16	1/4	950.69	1/4	660.18	1/4	358.37	1/4	44.71	1/4	
1/2	2,596.87	1/2	2,266.01	1/2	1,935.10	1/2	1,604.18	1/2	1,273.26	1/2	944.16	1/2	654.07	1/2	351.93	1/2	38.97	1/2	
3/4	2,589.98	3/4	2,259.12	3/4	1,928.20	3/4	1,597.28	3/4	1,266.37	3/4	937.63	3/4	647.92	3/4	345.46	3/4	34.58	3/4	
3	2,583.09	3	2,252.22	3	1,921.31	3	1,590.39	3	1,259.47	3	931.10	3	641.78	3	338.99	3	30.19	3	
1/4	2,576.20	1/4	2,245.33	1/4	1,914.41	1/4	1,583.50	1/4	1,252.58	1/4	924.58	1/4	635.64	1/4	332.52	1/4	25.79	1/4	
1/2	2,569.31	1/2	2,238.44	1/2	1,907.52	1/2	1,576.60	1/2	1,245.69	1/2	918.05	1/2	629.49	1/2	326.05	1/2	21.40	1/2	
3/4	2,562.42	3/4	2,231.54	3/4	1,900.62	3/4	1,569.71	3/4	1,238.79	3/4	911.52	3/4	623.32	3/4	319.55	3/4		3/4	
4	2,555.53	4	2,224.65	4	1,893.73	4	1,562.81	4	1,231.90	4	905.00	4	617.15	4	313.05	4		4	
1/4	2,548.64	1/4	2,217.75	1/4	1,886.84	1/4	1,555.92	1/4	1,225.00	1/4	898.47	1/4	610.98	1/4	306.55	1/4		1/4	
1/2	2,541.75	1/2	2,210.86	1/2	1,879.94	1/2	1,549.03	1/2	1,218.11	1/2	891.94	1/2	604.81	1/2	300.05	1/2		1/2	
3/4	2,534.86	3/4	2,203.96	3/4	1,873.05	3/4	1,542.13	3/4	1,211.21	3/4	885.42	3/4	598.61	3/4	293.52	3/4		3/4	
5	2,527.97	5	2,197.07	5	1,866.15	5	1,535.24	5	1,204.32	5	878.89	5	592.42	5	286.99	5		5	
1/4	2,521.09	1/4	2,190.18	1/4	1,859.26	1/4	1,528.34	1/4	1,197.43	1/4	872.36	1/4	586.22	1/4	280.46	1/4		1/4	
1/2	2,514.20	1/2	2,183.28	1/2	1,852.37	1/2	1,521.45	1/2	1,190.53	1/2	865.84	1/2	580.02	1/2	273.94	1/2		1/2	
3/4	2,507.31	3/4	2,176.39	3/4	1,845.47	3/4	1,514.55	3/4	1,183.64	3/4	859.31	3/4	573.79	3/4	267.38	3/4		3/4	
6	2,500.41	6	2,169.49	6	1,838.58	6	1,507.66	6	1,176.74	6	852.78	6	567.57	6	260.82	6		6	
1/4	2,493.52	1/4	2,162.60	1/4	1,831.68	1/4	1,500.77	1/4	1,169.85	1/4	846.26	1/4	561.34	1/4	254.27	1/4		1/4	
1/2	2,486.62	1/2	2,155.71	1/2	1,824.79	1/2	1,493.87	1/2	1,162.96	1/2	839.73	1/2	555.12	1/2	247.71	1/2		1/2	
3/4	2,479.73	3/4	2,148.81	3/4	1,817.90	3/4	1,486.98	3/4	1,156.06	3/4	833.44	3/4	548.86	3/4	241.13	3/4		3/4	
7	2,472.83	7	2,141.92	7	1,811.00	7	1,480.08	7	1,149.17	7	827.15	7	542.61	7	234.54	7		7	
1/4	2,465.94	1/4	2,135.02	1/4	1,804.11	1/4	1,473.19	1/4	1,142.27	1/4	820.86	1/4	536.36	1/4	227.96	1/4		1/4	
1/2	2,459.05	1/2	2,128.13	1/2	1,797.21	1/2	1,466.30	1/2	1,135.38	1/2	814.57	1/2	530.10	1/2	221.38	1/2		1/2	
3/4	2,452.15	3/4	2,121.24	3/4	1,790.32	3/4	1,459.40	3/4	1,128.49	3/4	808.99	3/4	523.82	3/4	214.76	3/4		3/4	
8	2,445.26	8	2,114.34	8	1,783.42	8	1,452.51	8	1,121.59	8	803.41	8	517.54	8	208.15	8		8	
1/4	2,438.36	1/4	2,107.45	1/4	1,776.53	1/4	1,445.61	1/4	1,114.70	1/4	797.82	1/4	511.26	1/4	201.54	1/4		1/4	
1/2	2,431.47	1/2	2,100.55	1/2	1,769.64	1/2	1,438.72	1/2	1,107.80	1/2	792.24	1/2	504.98	1/2	194.93	1/2		1/2	
3/4	2,424.58	3/4	2,093.66	3/4	1,762.74	3/4	1,431.83	3/4	1,100.91	3/4	786.63	3/4	498.67	3/4	188.29	3/4		3/4	
9	2,417.68	9	2,086.77	9	1,755.85	9	1,424.93	9	1,094.01	9	781.02	9	492.36	9	181.65	9		9	
1/4	2,410.79	1/4	2,079.87	1/4	1,748.95	1/4	1,418.04	1/4	1,087.12	1/4	775.41	1/4	486.05	1/4	175.01	1/4		1/4	
1/2	2,403.89	1/2	2,072.98	1/2	1,742.06	1/2	1,411.14	1/2	1,080.23	1/2	769.80	1/2	479.74	1/2	168.37	1/2		1/2	
3/4	2,397.00	3/4	2,066.08	3/4	1,735.17	3/4	1,404.25	3/4	1,073.33	3/4	764.16	3/4	473.41	3/4	161.71	3/4		3/4	
10	2,390.11	10	2,059.19	10	1,728.27	10	1,397.36	10	1,066.44	10	758.52	10	467.07	10	155.04	10		10	
1/4	2,383.21	1/4	2,052.29	1/4	1,721.38	1/4	1,390.46	1/4	1,059.54	1/4	752.88	1/4	460.74	1/4	148.38	1/4		1/4	
1/2	2,376.32	1/2	2,045.40	1/2	1,714.48	1/2	1,383.57	1/2	1,052.65	1/2	747.24	1/2	454.40	1/2	141.71	1/2		1/2	
3/4	2,369.42	3/4	2,038.51	3/4	1,707.59	3/4	1,376.67	3/4	1,045.76	3/4	741.58	3/4	448.04	3/4	135.02	3/4		3/4	
11	2,362.53	11	2,031.61	11	1,700.70	11	1,369.78	11	1,038.86	11	735.91	11	441.67	11	128.33	11		11	
1/4	2,355.64	1/4	2,024.72	1/4	1,693.80	1/4	1,362.88	1/4	1,031.97	1/4	730.24	1/4	435.31	1/4	121.64	1/4		1/4	
1/2	2,348.74	1/2	2,017.82	1/2	1,686.91	1/2	1,355.99	1/2	1,025.07	1/2	724.58	1/2	428.95	1/2	114.95	1/2		1/2	
3/4	2,341.85	3/4	2,010.93	3/4	1,680.01	3/4	1,349.10	3/4	1,018.18	3/4	718.88	3/4	422.56	3/4	108.24	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,547.48	0	4,343.98	0	4,128.11	0	3,902.24	0	3,675.00	0	3,388.35	0	3,059.25
1/4		1/4		1/4		1/4	4,543.40	1/4	4,339.63	1/4	4,123.50	1/4	3,897.51	1/4	3,670.27	1/4	3,381.49	1/4	3,052.39
1/2		1/2		1/2		1/2	4,539.26	1/2	4,335.26	1/2	4,118.86	1/2	3,892.78	1/2	3,665.53	1/2	3,374.64	1/2	3,045.53
3/4		3/4		3/4		3/4	4,535.11	3/4	4,330.89	3/4	4,114.23	3/4	3,888.04	3/4	3,660.80	3/4	3,367.78	3/4	3,038.68
1		1		1		1	4,530.97	1	4,326.52	1	4,109.59	1	3,883.31	1	3,656.07	1	3,360.92	1	3,031.82
1/4		1/4		1/4		1/4	4,526.83	1/4	4,322.16	1/4	4,104.96	1/4	3,878.57	1/4	3,651.33	1/4	3,354.07	1/4	3,024.96
1/2		1/2		1/2		1/2	4,522.67	1/2	4,317.77	1/2	4,100.31	1/2	3,873.84	1/2	3,646.60	1/2	3,347.21	1/2	3,018.11
3/4		3/4		3/4		3/4	4,518.51	3/4	4,313.38	3/4	4,095.65	3/4	3,869.11	3/4	3,641.86	3/4	3,340.35	3/4	3,011.25
2		2		2		2	4,514.35	2	4,309.00	2	4,091.00	2	3,864.37	2	3,637.13	2	3,333.50	2	3,004.40
1/4		1/4		1/4		1/4	4,510.19	1/4	4,304.61	1/4	4,086.35	1/4	3,859.64	1/4	3,632.40	1/4	3,326.64	1/4	2,997.54
1/2		1/2		1/2		1/2	4,506.01	1/2	4,300.19	1/2	4,081.67	1/2	3,854.90	1/2	3,627.66	1/2	3,319.79	1/2	2,990.68
3/4		3/4		3/4		3/4	4,501.83	3/4	4,295.78	3/4	4,077.00	3/4	3,850.17	3/4	3,622.93	3/4	3,312.93	3/4	2,983.83
3		3		3		3	4,497.66	3	4,291.36	3	4,072.33	3	3,845.43	3	3,618.19	3	3,306.07	3	2,976.97
1/4		1/4		1/4		1/4	4,493.48	1/4	4,286.94	1/4	4,067.65	1/4	3,840.70	1/4	3,613.46	1/4	3,299.22	1/4	2,970.11
1/2		1/2		1/2		1/2	4,489.28	1/2	4,282.48	1/2	4,062.96	1/2	3,835.97	1/2	3,608.72	1/2	3,292.36	1/2	2,963.26
3/4		3/4		3/4		3/4	4,485.08	3/4	4,278.02	3/4	4,058.27	3/4	3,831.23	3/4	3,603.99	3/4	3,285.50	3/4	2,956.40
4		4		4		4	4,480.88	4	4,273.55	4	4,053.58	4	3,826.50	4	3,599.26	4	3,278.65	4	2,949.55
1/4		1/4		1/4		1/4	4,476.69	1/4	4,269.09	1/4	4,048.89	1/4	3,821.76	1/4	3,594.52	1/4	3,271.79	1/4	2,942.69
1/2		1/2		1/2		1/2	4,472.47	1/2	4,264.60	1/2	4,044.18	1/2	3,817.03	1/2	3,589.26	1/2	3,264.94	1/2	2,935.83
3/4		3/4		3/4		3/4	4,468.25	3/4	4,260.12	3/4	4,039.47	3/4	3,812.29	3/4	3,584.00	3/4	3,258.08	3/4	2,928.98
5		5		5		5	4,464.04	5	4,255.64	5	4,034.76	5	3,807.56	5	3,578.73	5	3,251.22	5	2,922.12
1/4		1/4		1/4		1/4	4,459.82	1/4	4,251.15	1/4	4,030.05	1/4	3,802.83	1/4	3,573.47	1/4	3,244.37	1/4	2,915.26
1/2		1/2		1/2		1/2	4,455.58	1/2	4,246.65	1/2	4,025.32	1/2	3,798.09	1/2	3,568.61	1/2	3,237.51	1/2	2,908.41
3/4		3/4		3/4		3/4	4,451.35	3/4	4,242.15	3/4	4,020.59	3/4	3,793.36	3/4	3,563.74	3/4	3,230.65	3/4	2,901.55
6		6		6		6	4,447.11	6	4,237.65	6	4,015.86	6	3,788.62	6	3,558.90	6	3,223.80	6	2,894.69
1/4		1/4		1/4		1/4	4,442.88	1/4	4,233.14	1/4	4,011.13	1/4	3,783.89	1/4	3,554.04	1/4	3,216.94	1/4	2,887.84
1/2		1/2		1/2		1/2	4,438.62	1/2	4,228.62	1/2	4,006.40	1/2	3,779.16	1/2	3,549.19	1/2	3,210.08	1/2	2,880.98
3/4		3/4		3/4	4,627.57	3/4	4,434.37	3/4	4,224.10	3/4	4,001.66	3/4	3,774.42	3/4	3,544.33	3/4	3,203.23	3/4	2,874.13
7		7		7	4,624.78	7	4,430.11	7	4,219.58	7	3,996.93	7	3,769.69	7	3,539.47	7	3,196.37	7	2,867.27
1/4		1/4		1/4	4,621.99	1/4	4,425.86	1/4	4,215.06	1/4	3,992.19	1/4	3,764.95	1/4	3,534.62	1/4	3,189.52	1/4	2,860.41
1/2		1/2		1/2	4,618.51	1/2	4,421.58	1/2	4,210.52	1/2	3,987.46	1/2	3,760.22	1/2	3,529.76	1/2	3,182.66	1/2	2,853.56
3/4		3/4		3/4	4,615.03	3/4	4,417.31	3/4	4,205.98	3/4	3,982.73	3/4	3,755.48	3/4	3,524.91	3/4	3,175.80	3/4	2,846.70
8		8		8	4,611.56	8	4,413.04	8	4,201.44	8	3,977.99	8	3,750.75	8	3,498.05	8	3,168.95	8	2,839.84
1/4		1/4		1/4	4,608.08	1/4	4,408.76	1/4	4,196.90	1/4	3,973.26	1/4	3,746.02	1/4	3,493.19	1/4	3,162.09	1/4	2,832.99
1/2		1/2		1/2	4,604.07	1/2	4,404.47	1/2	4,192.34	1/2	3,968.52	1/2	3,741.28	1/2	3,488.34	1/2	3,155.23	1/2	2,826.13
3/4		3/4		3/4	4,600.05	3/4	4,400.18	3/4	4,187.78	3/4	3,963.79	3/4	3,736.55	3/4	3,483.48	3/4	3,148.38	3/4	2,819.28
9		9		9	4,596.04	9	4,395.89	9	4,183.22	9	3,959.05	9	3,731.81	9	3,478.62	9	3,141.52	9	2,812.42
1/4		1/4		1/4	4,592.03	1/4	4,391.59	1/4	4,178.66	1/4	3,954.32	1/4	3,727.08	1/4	3,473.77	1/4	3,134.67	1/4	2,805.56
1/2		1/2		1/2	4,588.00	1/2	4,387.28	1/2	4,174.08	1/2	3,949.59	1/2	3,722.34	1/2	3,468.91	1/2	3,127.81	1/2	2,798.71
3/4		3/4		3/4	4,583.97	3/4	4,382.97	3/4	4,169.51	3/4	3,944.85	3/4	3,717.61	3/4	3,464.06	3/4	3,120.95	3/4	2,791.85
10		10		10	4,579.94	10	4,378.66	10	4,164.93	10	3,940.12	10	3,712.88	10	3,449.20	10	3,114.10	10	2,784.99
1/4		1/4		1/4	4,575.91	1/4	4,374.35	1/4	4,160.35	1/4	3,935.38	1/4	3,708.14	1/4	3,444.34	1/4	3,107.24	1/4	2,778.14
1/2		1/2		1/2	4,571.86	1/2	4,370.02	1/2	4,155.75	1/2	3,930.65	1/2	3,703.41	1/2	3,439.49	1/2	3,100.38	1/2	2,771.28
3/4		3/4		3/4	4,567.81	3/4	4,365.69	3/4	4,151.16	3/4	3,925.92	3/4	3,698.67	3/4	3,434.63	3/4	3,093.53	3/4	2,764.43
11		11		11	4,563.77	11	4,361.36	11	4,146.56	11	3,921.18	11	3,693.94	11	3,429.77	11	3,086.67	11	2,757.57
1/4		1/4		1/4	4,559.72	1/4	4,357.03	1/4	4,141.96	1/4	3,916.45	1/4	3,689.21	1/4	3,424.92	1/4	3,079.82	1/4	2,750.71
1/2		1/2		1/2	4,555.64	1/2	4,352.68	1/2	4,137.35	1/2	3,911.71	1/2	3,684.47	1/2	3,420.06	1/2	3,072.96	1/2	2,743.86
3/4		3/4		3/4	4,551.56	3/4	4,348.33	3/4	4,132.73	3/4	3,906.98	3/4	3,679.74	3/4	3,415.20	3/4	3,066.10	3/4	2,737.00

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 10'-06" OFF CENTERLINE AND 41'-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 29085"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,730.14	0	2,400.91	0	2,071.60	0	1,742.39	0	1,413.06	0	1,083.74	0	754.89	0	425.59	0	96.37	0	
1/4	2,723.29	1/4	2,394.05	1/4	2,064.75	1/4	1,735.52	1/4	1,406.20	1/4	1,076.88	1/4	748.03	1/4	418.72	1/4	89.53	1/4	
1/2	2,716.43	1/2	2,387.19	1/2	2,057.89	1/2	1,728.66	1/2	1,399.34	1/2	1,070.02	1/2	741.17	1/2	411.86	1/2	82.86	1/2	
3/4	2,709.57	3/4	2,380.33	3/4	2,051.03	3/4	1,721.80	3/4	1,392.48	3/4	1,063.16	3/4	734.31	3/4	405.00	3/4	76.20	3/4	
1	2,702.72	1	2,373.47	1	2,044.18	1	1,714.94	1	1,385.62	1	1,056.30	1	727.45	1	398.14	1	69.54	1	
1/4	2,695.86	1/4	2,366.61	1/4	2,037.32	1/4	1,708.08	1/4	1,378.76	1/4	1,049.43	1/4	720.59	1/4	391.28	1/4	62.88	1/4	
1/2	2,689.01	1/2	2,359.75	1/2	2,030.46	1/2	1,701.22	1/2	1,371.90	1/2	1,042.58	1/2	713.73	1/2	384.42	1/2	57.05	1/2	
3/4	2,682.15	3/4	2,352.89	3/4	2,023.60	3/4	1,694.36	3/4	1,365.04	3/4	1,035.72	3/4	706.87	3/4	377.56	3/4	51.22	3/4	
2	2,675.29	2	2,346.03	2	2,016.75	2	1,687.50	2	1,358.17	2	1,028.86	2	700.01	2	370.70	2	45.39	2	
1/4	2,668.44	1/4	2,339.16	1/4	2,009.89	1/4	1,680.64	1/4	1,351.31	1/4	1,022.01	1/4	693.15	1/4	363.84	1/4	39.56	1/4	
1/2	2,661.58	1/2	2,332.30	1/2	2,003.03	1/2	1,673.78	1/2	1,344.45	1/2	1,015.16	1/2	686.29	1/2	356.99	1/2	35.10	1/2	
3/4	2,654.72	3/4	2,325.44	3/4	1,996.18	3/4	1,666.92	3/4	1,337.59	3/4	1,008.31	3/4	679.43	3/4	350.13	3/4	30.64	3/4	
3	2,647.87	3	2,318.58	3	1,989.32	3	1,660.05	3	1,330.73	3	1,001.46	3	672.57	3	343.27	3	26.18	3	
1/4	2,641.01	1/4	2,311.72	1/4	1,982.46	1/4	1,653.19	1/4	1,323.87	1/4	994.61	1/4	665.71	1/4	336.41	1/4	21.73	1/4	
1/2	2,634.16	1/2	2,304.86	1/2	1,975.60	1/2	1,646.33	1/2	1,317.01	1/2	987.76	1/2	658.85	1/2	329.56	1/2		1/2	
3/4	2,627.30	3/4	2,298.00	3/4	1,968.75	3/4	1,639.47	3/4	1,310.15	3/4	980.91	3/4	651.99	3/4	322.70	3/4		3/4	
4	2,620.44	4	2,291.14	4	1,961.89	4	1,632.61	4	1,303.29	4	974.06	4	645.12	4	315.84	4		4	
1/4	2,613.59	1/4	2,284.28	1/4	1,955.03	1/4	1,625.75	1/4	1,296.43	1/4	967.21	1/4	638.26	1/4	308.98	1/4		1/4	
1/2	2,606.73	1/2	2,277.42	1/2	1,948.18	1/2	1,618.89	1/2	1,289.57	1/2	960.36	1/2	631.40	1/2	302.12	1/2		1/2	
3/4	2,599.87	3/4	2,270.56	3/4	1,941.32	3/4	1,612.03	3/4	1,282.70	3/4	953.52	3/4	624.54	3/4	295.26	3/4		3/4	
5	2,593.01	5	2,263.69	5	1,934.46	5	1,605.17	5	1,275.84	5	946.67	5	617.68	5	288.40	5		5	
1/4	2,586.16	1/4	2,256.83	1/4	1,927.60	1/4	1,598.31	1/4	1,268.98	1/4	939.82	1/4	610.82	1/4	281.54	1/4		1/4	
1/2	2,579.30	1/2	2,249.97	1/2	1,920.75	1/2	1,591.45	1/2	1,262.12	1/2	932.97	1/2	603.96	1/2	274.68	1/2		1/2	
3/4	2,572.44	3/4	2,243.11	3/4	1,913.89	3/4	1,584.58	3/4	1,255.26	3/4	926.12	3/4	597.10	3/4	267.82	3/4		3/4	
6	2,565.57	6	2,236.25	6	1,907.03	6	1,577.72	6	1,248.40	6	919.27	6	590.24	6	260.96	6		6	
1/4	2,558.71	1/4	2,229.39	1/4	1,900.17	1/4	1,570.86	1/4	1,241.54	1/4	912.42	1/4	583.38	1/4	254.10	1/4		1/4	
1/2	2,551.85	1/2	2,222.53	1/2	1,893.32	1/2	1,564.00	1/2	1,234.68	1/2	905.57	1/2	576.52	1/2	247.24	1/2		1/2	
3/4	2,544.99	3/4	2,215.67	3/4	1,886.46	3/4	1,557.14	3/4	1,227.82	3/4	898.72	3/4	569.66	3/4	240.38	3/4		3/4	
7	2,538.13	7	2,208.81	7	1,879.60	7	1,550.28	7	1,220.96	7	891.87	7	562.80	7	233.52	7		7	
1/4	2,531.27	1/4	2,201.95	1/4	1,872.74	1/4	1,543.42	1/4	1,214.10	1/4	885.03	1/4	555.94	1/4	226.66	1/4		1/4	
1/2	2,524.41	1/2	2,195.09	1/2	1,865.88	1/2	1,536.56	1/2	1,207.23	1/2	878.18	1/2	549.08	1/2	219.80	1/2		1/2	
3/4	2,517.55	3/4	2,188.22	3/4	1,859.02	3/4	1,529.70	3/4	1,200.37	3/4	871.33	3/4	542.22	3/4	212.93	3/4		3/4	
8	2,510.69	8	2,181.36	8	1,852.16	8	1,522.84	8	1,193.51	8	864.48	8	535.35	8	206.07	8		8	
1/4	2,503.83	1/4	2,174.50	1/4	1,845.30	1/4	1,515.98	1/4	1,186.65	1/4	857.63	1/4	528.49	1/4	199.21	1/4		1/4	
1/2	2,496.97	1/2	2,167.64	1/2	1,838.44	1/2	1,509.11	1/2	1,179.79	1/2	850.78	1/2	521.63	1/2	192.35	1/2		1/2	
3/4	2,490.10	3/4	2,160.78	3/4	1,831.58	3/4	1,502.25	3/4	1,172.93	3/4	843.93	3/4	514.77	3/4	185.49	3/4		3/4	
9	2,483.24	9	2,153.92	9	1,824.72	9	1,495.39	9	1,166.07	9	837.08	9	507.91	9	178.63	9		9	
1/4	2,476.38	1/4	2,147.06	1/4	1,817.86	1/4	1,488.53	1/4	1,159.21	1/4	830.23	1/4	501.05	1/4	171.77	1/4		1/4	
1/2	2,469.52	1/2	2,140.20	1/2	1,810.99	1/2	1,481.67	1/2	1,152.35	1/2	823.38	1/2	494.19	1/2	164.91	1/2		1/2	
3/4	2,462.66	3/4	2,133.34	3/4	1,804.13	3/4	1,474.81	3/4	1,145.49	3/4	816.54	3/4	487.33	3/4	158.05	3/4		3/4	
10	2,455.80	10	2,126.48	10	1,797.27	10	1,467.95	10	1,138.63	10	809.69	10	480.47	10	151.19	10		10	
1/4	2,448.94	1/4	2,119.62	1/4	1,790.41	1/4	1,461.09	1/4	1,131.77	1/4	802.84	1/4	473.61	1/4	144.33	1/4		1/4	
1/2	2,442.08	1/2	2,112.76	1/2	1,783.55	1/2	1,454.23	1/2	1,124.90	1/2	795.99	1/2	466.75	1/2	137.47	1/2		1/2	
3/4	2,435.22	3/4	2,105.90	3/4	1,776.69	3/4	1,447.37	3/4	1,118.04	3/4	789.14	3/4	459.89	3/4	130.62	3/4		3/4	
11	2,428.36	11	2,099.04	11	1,769.83	11	1,440.51	11	1,111.18	11	782.29	11	453.03	11	123.76	11		11	
1/4	2,421.50	1/4	2,092.18	1/4	1,762.97	1/4	1,433.64	1/4	1,104.32	1/4	775.44	1/4	446.17	1/4	116.90	1/4		1/4	
1/2	2,414.63	1/2	2,085.32	1/2	1,756.11	1/2	1,426.78	1/2	1,097.46	1/2	768.59	1/2	439.31	1/2	110.06	1/2		1/2	
3/4	2,407.77	3/4	2,078.46	3/4	1,749.25	3/4	1,419.92	3/4	1,090.60	3/4	761.74	3/4	432.45	3/4	103.21	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							4,526.72		4,323.49		4,107.89		3,882.14		3,654.90		3,370.60		3,042.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,522.64	1/4	4,319.14	1/4	4,103.28	1/4	3,877.40	1/4	3,650.16	1/4	3,363.76	1/4	3,035.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,518.56	1/2	4,314.79	1/2	4,098.66	1/2	3,872.67	1/2	3,645.43	1/2	3,356.91	1/2	3,029.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,514.42	3/4	4,310.42	3/4	4,094.02	3/4	3,867.94	3/4	3,640.69	3/4	3,350.07	3/4	3,022.23
1	1	1	1	1	1	1	4,510.27	1	4,306.05	1	4,089.39	1	3,863.20	1	3,635.96	1	3,343.23	1	3,015.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,506.13	1/4	4,301.69	1/4	4,084.75	1/4	3,858.47	1/4	3,631.23	1/4	3,336.39	1/4	3,008.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,501.99	1/2	4,297.32	1/2	4,080.12	1/2	3,853.73	1/2	3,626.49	1/2	3,329.55	1/2	3,001.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,497.83	3/4	4,292.93	3/4	4,075.47	3/4	3,849.00	3/4	3,621.76	3/4	3,322.71	3/4	2,995.01
2	2	2	2	2	2	2	4,493.67	2	4,288.54	2	4,070.81	2	3,844.27	2	3,617.02	2	3,315.87	2	2,988.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,489.51	1/4	4,284.16	1/4	4,066.16	1/4	3,839.53	1/4	3,612.29	1/4	3,309.03	1/4	2,981.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,485.35	1/2	4,279.77	1/2	4,061.50	1/2	3,834.80	1/2	3,607.56	1/2	3,302.19	1/2	2,974.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.17	3/4	4,275.35	3/4	4,056.83	3/4	3,830.06	3/4	3,602.82	3/4	3,295.35	3/4	2,967.78
3	3	3	3	3	3	3	4,477.00	3	4,270.94	3	4,052.16	3	3,825.33	3	3,598.09	3	3,288.51	3	2,960.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,472.82	1/4	4,266.52	1/4	4,047.49	1/4	3,820.59	1/4	3,593.35	1/4	3,281.67	1/4	2,954.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,468.64	1/2	4,262.10	1/2	4,042.81	1/2	3,815.86	1/2	3,588.62	1/2	3,274.83	1/2	2,947.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,464.44	3/4	4,257.64	3/4	4,038.12	3/4	3,811.13	3/4	3,583.88	3/4	3,267.99	3/4	2,940.50
4	4	4	4	4	4	4	4,460.24	4	4,253.18	4	4,033.43	4	3,806.39	4	3,579.15	4	3,261.14	4	2,933.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,456.04	1/4	4,248.71	1/4	4,028.74	1/4	3,801.66	1/4	3,574.42	1/4	3,254.30	1/4	2,926.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.85	1/2	4,244.25	1/2	4,024.05	1/2	3,796.92	1/2	3,569.68	1/2	3,247.46	1/2	2,919.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,447.63	3/4	4,239.76	3/4	4,019.34	3/4	3,792.19	3/4	3,564.42	3/4	3,240.62	3/4	2,913.14
5	5	5	5	5	5	5	4,443.41	5	4,235.28	5	4,014.63	5	3,787.45	5	3,559.15	5	3,233.78	5	2,906.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,439.20	1/4	4,230.80	1/4	4,009.92	1/4	3,782.72	1/4	3,553.89	1/4	3,226.94	1/4	2,899.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,434.98	1/2	4,226.31	1/2	4,005.21	1/2	3,777.99	1/2	3,548.62	1/2	3,220.10	1/2	2,892.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.74	3/4	4,221.81	3/4	4,000.48	3/4	3,773.25	3/4	3,541.77	3/4	3,213.26	3/4	2,885.78
6	6	6	6	6	6	6	4,426.51	6	4,217.31	6	3,995.75	6	3,768.52	6	3,534.91	6	3,206.42	6	2,878.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,422.27	1/4	4,212.81	1/4	3,991.02	1/4	3,763.78	1/4	3,528.05	1/4	3,199.58	1/4	2,872.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,418.04	1/2	4,208.30	1/2	3,986.29	1/2	3,759.05	1/2	3,521.20	1/2	3,192.74	1/2	2,865.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,413.78	3/4	4,203.78	3/4	3,981.56	3/4	3,754.32	3/4	3,514.34	3/4	3,185.90	3/4	2,858.41
7	7	7	4,602.73	7	4,409.53	7	4,199.26	7	4,192.82	7	3,976.82	7	3,749.58	7	3,507.48	7	3,179.06	7	2,851.57
1/4	1/4	1/4	4,599.94	1/4	4,405.27	1/4	4,194.74	1/4	3,972.09	1/4	3,744.85	1/4	3,500.63	1/4	3,172.22	1/4	2,844.73		
1/2	1/2	1/2	4,597.15	1/2	4,401.02	1/2	4,190.22	1/2	3,967.35	1/2	3,740.11	1/2	3,493.77	1/2	3,165.38	1/2	2,837.89		
3/4	3/4	3/4	4,593.67	3/4	4,396.74	3/4	4,185.68	3/4	3,962.62	3/4	3,735.38	3/4	3,486.92	3/4	3,158.53	3/4	2,831.05		
8	8	8	4,590.19	8	4,392.47	8	4,181.14	8	3,957.89	8	3,730.64	8	3,480.07	8	3,151.69	8	2,824.21		
1/4	1/4	1/4	4,586.71	1/4	4,388.20	1/4	4,176.60	1/4	3,953.15	1/4	3,725.91	1/4	3,473.22	1/4	3,144.85	1/4	2,817.37		
1/2	1/2	1/2	4,583.24	1/2	4,383.92	1/2	4,172.06	1/2	3,948.42	1/2	3,721.18	1/2	3,466.37	1/2	3,138.01	1/2	2,810.53		
3/4	3/4	3/4	4,579.23	3/4	4,379.63	3/4	4,167.50	3/4	3,943.68	3/4	3,716.44	3/4	3,459.53	3/4	3,131.18	3/4	2,803.69		
9	9	9	4,575.21	9	4,375.34	9	4,162.94	9	3,938.95	9	3,711.71	9	3,452.68	9	3,124.35	9	2,796.85		
1/4	1/4	1/4	4,571.20	1/4	4,371.05	1/4	4,158.38	1/4	3,934.21	1/4	3,706.97	1/4	3,445.84	1/4	3,117.52	1/4	2,790.01		
1/2	1/2	1/2	4,567.19	1/2	4,366.75	1/2	4,153.82	1/2	3,929.48	1/2	3,702.24	1/2	3,439.00	1/2	3,110.69	1/2	2,783.17		
3/4	3/4	3/4	4,563.16	3/4	4,362.44	3/4	4,149.24	3/4	3,924.75	3/4	3,697.50	3/4	3,432.16	3/4	3,103.88	3/4	2,776.33		
10	10	10	4,559.13	10	4,358.13	10	4,144.67	10	3,920.01	10	3,692.77	10	3,425.32	10	3,097.08	10	2,769.49		
1/4	1/4	1/4	4,555.10	1/4	4,353.82	1/4	4,140.09	1/4	3,915.28	1/4	3,688.04	1/4	3,418.48	1/4	3,090.27	1/4	2,762.64		
1/2	1/2	1/2	4,551.07	1/2	4,349.51	1/2	4,135.51	1/2	3,910.54	1/2	3,683.30	1/2	3,411.64	1/2	3,083.47	1/2	2,755.80		
3/4	3/4	3/4	4,547.02	3/4	4,345.18	3/4	4,130.91	3/4	3,905.81	3/4	3,678.57	3/4	3,404.80	3/4	3,076.66	3/4	2,748.96		
11	11	11	4,542.97	11	4,340.85	11	4,126.32	11	3,901.08	11	3,673.83	11	3,397.96	11	3,069.86	11	2,742.12		
1/4	1/4	1/4	4,538.93	1/4	4,336.52	1/4	4,121.72	1/4	3,896.34	1/4	3,669.10	1/4	3,391.12	1/4	3,063.05	1/4	2,735.28		
1/2	1/2	1/2	4,534.88	1/2	4,332.19	1/2	4,117.12	1/2	3,891.61	1/2	3,664.37	1/2	3,384.28	1/2	3,056.25	1/2	2,728.44		
3/4	3/4	3/4	4,530.80	3/4	4,327.84	3/4	4,112.51	3/4	3,886.87	3/4	3,659.63	3/4	3,377.44	3/4	3,049.44	3/4	2,721.60		

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 10'-06" OFF CENTERLINE AND 41'-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 29085"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 255"

GAUGE HEIGHT 18'-03 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	2,714.76	0	2,386.28	0	2,057.71	0	1,729.36	0	1,401.02	0	1,072.85	0	759.34	0	432.46	0	103.23	0	
1/4	2,707.92	1/4	2,379.44	1/4	2,050.87	1/4	1,722.52	1/4	1,394.18	1/4	1,066.03	1/4	752.84	1/4	425.61	1/4	96.39	1/4	
1/2	2,701.08	1/2	2,372.59	1/2	2,044.03	1/2	1,715.68	1/2	1,387.34	1/2	1,059.22	1/2	746.33	1/2	418.75	1/2	89.54	1/2	
3/4	2,694.24	3/4	2,365.75	3/4	2,037.19	3/4	1,708.84	3/4	1,380.50	3/4	1,052.51	3/4	739.75	3/4	411.89	3/4	82.88	3/4	
1	2,687.40	1	2,358.90	1	2,030.35	1	1,702.00	1	1,373.66	1	1,045.80	1	733.17	1	405.03	1	76.22	1	
1/4	2,680.56	1/4	2,352.06	1/4	2,023.51	1/4	1,695.16	1/4	1,366.82	1/4	1,039.09	1/4	726.59	1/4	398.17	1/4	69.56	1/4	
1/2	2,673.72	1/2	2,345.21	1/2	2,016.67	1/2	1,688.32	1/2	1,359.98	1/2	1,032.37	1/2	720.01	1/2	391.31	1/2	62.89	1/2	
3/4	2,666.88	3/4	2,338.37	3/4	2,009.83	3/4	1,681.48	3/4	1,353.14	3/4	1,025.88	3/4	713.19	3/4	384.45	3/4	57.06	3/4	
2	2,660.03	2	2,331.52	2	2,002.98	2	1,674.64	2	1,346.30	2	1,019.39	2	706.38	2	377.59	2	51.23	2	
1/4	2,653.19	1/4	2,324.68	1/4	1,996.14	1/4	1,667.80	1/4	1,339.46	1/4	1,012.90	1/4	699.57	1/4	370.73	1/4	45.40	1/4	
1/2	2,646.35	1/2	2,317.83	1/2	1,989.30	1/2	1,660.96	1/2	1,332.62	1/2	1,006.41	1/2	692.75	1/2	363.87	1/2	39.57	1/2	
3/4	2,639.51	3/4	2,310.98	3/4	1,982.46	3/4	1,654.12	3/4	1,325.78	3/4	999.91	3/4	685.90	3/4	357.01	3/4	35.12	3/4	
3	2,632.67	3	2,304.14	3	1,975.62	3	1,647.28	3	1,318.93	3	993.42	3	679.05	3	350.15	3	30.66	3	
1/4	2,625.83	1/4	2,297.29	1/4	1,968.78	1/4	1,640.44	1/4	1,312.09	1/4	986.93	1/4	672.20	1/4	343.30	1/4	26.20	1/4	
1/2	2,618.99	1/2	2,290.45	1/2	1,961.94	1/2	1,633.60	1/2	1,305.25	1/2	980.44	1/2	665.36	1/2	336.44	1/2	21.74	1/2	
3/4	2,612.15	3/4	2,283.60	3/4	1,955.10	3/4	1,626.76	3/4	1,298.41	3/4	973.95	3/4	658.51	3/4	329.58	3/4		3/4	
4	2,605.31	4	2,276.76	4	1,948.26	4	1,619.92	4	1,291.57	4	967.46	4	651.66	4	322.72	4		4	
1/4	2,598.47	1/4	2,269.91	1/4	1,941.42	1/4	1,613.08	1/4	1,284.73	1/4	960.97	1/4	644.81	1/4	315.87	1/4		1/4	
1/2	2,591.63	1/2	2,263.07	1/2	1,934.58	1/2	1,606.24	1/2	1,277.89	1/2	954.47	1/2	637.96	1/2	309.01	1/2		1/2	
3/4	2,584.79	3/4	2,256.22	3/4	1,927.74	3/4	1,599.40	3/4	1,271.05	3/4	947.98	3/4	631.11	3/4	302.15	3/4		3/4	
5	2,577.94	5	2,249.38	5	1,920.90	5	1,592.55	5	1,264.21	5	941.49	5	624.26	5	295.29	5		5	
1/4	2,571.10	1/4	2,242.53	1/4	1,914.06	1/4	1,585.71	1/4	1,257.37	1/4	934.99	1/4	617.41	1/4	288.43	1/4		1/4	
1/2	2,564.26	1/2	2,235.69	1/2	1,907.22	1/2	1,578.87	1/2	1,250.53	1/2	928.50	1/2	610.56	1/2	281.57	1/2		1/2	
3/4	2,557.42	3/4	2,228.84	3/4	1,900.38	3/4	1,572.03	3/4	1,243.69	3/4	921.99	3/4	603.71	3/4	274.71	3/4		3/4	
6	2,550.57	6	2,222.00	6	1,893.54	6	1,565.19	6	1,236.85	6	915.49	6	596.86	6	267.85	6		6	
1/4	2,543.73	1/4	2,215.15	1/4	1,886.70	1/4	1,558.35	1/4	1,230.01	1/4	908.98	1/4	590.01	1/4	260.98	1/4		1/4	
1/2	2,536.88	1/2	2,208.31	1/2	1,879.86	1/2	1,551.51	1/2	1,223.17	1/2	902.47	1/2	583.17	1/2	254.12	1/2		1/2	
3/4	2,530.03	3/4	2,201.46	3/4	1,873.02	3/4	1,544.67	3/4	1,216.33	3/4	895.97	3/4	576.32	3/4	247.26	3/4		3/4	
7	2,523.19	7	2,194.61	7	1,866.17	7	1,537.83	7	1,209.49	7	889.46	7	569.47	7	240.40	7		7	
1/4	2,516.34	1/4	2,187.77	1/4	1,859.33	1/4	1,530.99	1/4	1,202.65	1/4	882.96	1/4	562.62	1/4	233.54	1/4		1/4	
1/2	2,509.50	1/2	2,180.92	1/2	1,852.49	1/2	1,524.15	1/2	1,195.81	1/2	876.45	1/2	555.77	1/2	226.68	1/2		1/2	
3/4	2,502.65	3/4	2,174.08	3/4	1,845.65	3/4	1,517.31	3/4	1,188.97	3/4	869.94	3/4	548.92	3/4	219.82	3/4		3/4	
8	2,495.81	8	2,167.23	8	1,838.81	8	1,510.47	8	1,182.12	8	863.44	8	542.07	8	212.96	8		8	
1/4	2,488.96	1/4	2,160.39	1/4	1,831.97	1/4	1,503.63	1/4	1,175.28	1/4	856.93	1/4	535.22	1/4	206.10	1/4		1/4	
1/2	2,482.12	1/2	2,153.54	1/2	1,825.13	1/2	1,496.79	1/2	1,168.44	1/2	850.43	1/2	528.37	1/2	199.24	1/2		1/2	
3/4	2,475.27	3/4	2,146.70	3/4	1,818.29	3/4	1,489.95	3/4	1,161.61	3/4	843.92	3/4	521.52	3/4	192.37	3/4		3/4	
9	2,468.43	9	2,139.85	9	1,811.45	9	1,483.11	9	1,154.77	9	837.41	9	514.67	9	185.51	9		9	
1/4	2,461.58	1/4	2,133.01	1/4	1,804.61	1/4	1,476.27	1/4	1,147.93	1/4	830.91	1/4	507.82	1/4	178.65	1/4		1/4	
1/2	2,454.74	1/2	2,126.16	1/2	1,797.77	1/2	1,469.43	1/2	1,141.10	1/2	824.40	1/2	500.97	1/2	171.79	1/2		1/2	
3/4	2,447.89	3/4	2,119.32	3/4	1,790.93	3/4	1,462.59	3/4	1,134.27	3/4	817.90	3/4	494.13	3/4	164.93	3/4		3/4	
10	2,441.05	10	2,112.47	10	1,784.09	10	1,455.74	10	1,127.44	10	811.39	10	487.28	10	158.07	10		10	
1/4	2,434.20	1/4	2,105.63	1/4	1,777.25	1/4	1,448.90	1/4	1,120.62	1/4	804.88	1/4	480.43	1/4	151.21	1/4		1/4	
1/2	2,427.35	1/2	2,098.78	1/2	1,770.41	1/2	1,442.06	1/2	1,113.79	1/2	798.38	1/2	473.58	1/2	144.35	1/2		1/2	
3/4	2,420.51	3/4	2,091.94	3/4	1,763.57	3/4	1,435.22	3/4	1,106.96	3/4	791.87	3/4	466.73	3/4	137.49	3/4		3/4	
11	2,413.66	11	2,085.09	11	1,756.73	11	1,428.38	11	1,100.13	11	785.37	11	459.88	11	130.63	11		11	
1/4	2,406.82	1/4	2,078.24	1/4	1,749.89	1/4	1,421.54	1/4	1,093.31	1/4	778.86	1/4	453.03	1/4	123.78	1/4		1/4	
1/2	2,399.97	1/2	2,071.40	1/2	1,743.05	1/2	1,414.70	1/2	1,086.48	1/2	772.35	1/2	446.18	1/2	116.92	1/2		1/2	
3/4	2,393.13	3/4	2,064.56	3/4	1,736.21	3/4	1,407.86	3/4	1,079.66	3/4	765.85	3/4	439.32	3/4	110.08	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2013 SW
RECALCULATED: 11/03/2023 JS
VERIFIED: 11/02/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29085"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CTC Co 255

GAUGE HEIGHT 5'-07"

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	890	0	1,780	0	2,657	0	3,483	0	4,257	0		0		0		0	
1/4	19	1/4	909	1/4	1,799	1/4	2,674	1/4	3,500	1/4	4,273	1/4		1/4		1/4		1/4	
1/2	37	1/2	927	1/2	1,817	1/2	2,692	1/2	3,517	1/2	4,289	1/2		1/2		1/2		1/2	
3/4	56	3/4	946	3/4	1,836	3/4	2,710	3/4	3,533	3/4	4,304	3/4		3/4		3/4		3/4	
1	74	1	964	1	1,854	1	2,728	1	3,550	1	4,320	1		1		1		1	
1/4	93	1/4	983	1/4	1,873	1/4	2,745	1/4	3,566	1/4	4,335	1/4		1/4		1/4		1/4	
1/2	111	1/2	1,001	1/2	1,891	1/2	2,763	1/2	3,583	1/2	4,351	1/2		1/2		1/2		1/2	
3/4	130	3/4	1,020	3/4	1,910	3/4	2,781	3/4	3,599	3/4		3/4		3/4		3/4		3/4	
2	148	2	1,038	2	1,928	2	2,798	2	3,616	2		2		2		2		2	
1/4	167	1/4	1,057	1/4	1,947	1/4	2,816	1/4	3,632	1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	1,075	1/2	1,965	1/2	2,833	1/2	3,649	1/2		1/2		1/2		1/2		1/2	
3/4	204	3/4	1,094	3/4	1,984	3/4	2,851	3/4	3,665	3/4		3/4		3/4		3/4		3/4	
3	222	3	1,112	3	2,002	3	2,868	3	3,682	3		3		3		3		3	
1/4	241	1/4	1,131	1/4	2,021	1/4	2,886	1/4	3,698	1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	1,150	1/2	2,040	1/2	2,903	1/2	3,714	1/2		1/2		1/2		1/2		1/2	
3/4	278	3/4	1,168	3/4	2,058	3/4	2,921	3/4	3,731	3/4		3/4		3/4		3/4		3/4	
4	297	4	1,187	4	2,077	4	2,938	4	3,747	4		4		4		4		4	
1/4	315	1/4	1,205	1/4	2,095	1/4	2,955	1/4	3,763	1/4		1/4		1/4		1/4		1/4	
1/2	334	1/2	1,224	1/2	2,113	1/2	2,973	1/2	3,780	1/2		1/2		1/2		1/2		1/2	
3/4	352	3/4	1,242	3/4	2,132	3/4	2,990	3/4	3,796	3/4		3/4		3/4		3/4		3/4	
5	371	5	1,261	5	2,150	5	3,008	5	3,812	5		5		5		5		5	
1/4	389	1/4	1,279	1/4	2,169	1/4	3,025	1/4	3,828	1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	1,298	1/2	2,187	1/2	3,042	1/2	3,845	1/2		1/2		1/2		1/2		1/2	
3/4	426	3/4	1,316	3/4	2,205	3/4	3,059	3/4	3,861	3/4		3/4		3/4		3/4		3/4	
6	445	6	1,335	6	2,224	6	3,077	6	3,877	6		6		6		6		6	
1/4	464	1/4	1,354	1/4	2,242	1/4	3,094	1/4	3,893	1/4		1/4		1/4		1/4		1/4	
1/2	482	1/2	1,372	1/2	2,260	1/2	3,111	1/2	3,909	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,391	3/4	2,279	3/4	3,128	3/4	3,925	3/4		3/4		3/4		3/4		3/4	
7	519	7	1,409	7	2,297	7	3,145	7	3,941	7		7		7		7		7	
1/4	538	1/4	1,428	1/4	2,315	1/4	3,162	1/4	3,957	1/4		1/4		1/4		1/4		1/4	
1/2	556	1/2	1,446	1/2	2,333	1/2	3,179	1/2	3,973	1/2		1/2		1/2		1/2		1/2	
3/4	575	3/4	1,465	3/4	2,351	3/4	3,197	3/4	3,989	3/4		3/4		3/4		3/4		3/4	
8	593	8	1,483	8	2,370	8	3,214	8	4,005	8		8		8		8		8	
1/4	612	1/4	1,502	1/4	2,388	1/4	3,231	1/4	4,021	1/4		1/4		1/4		1/4		1/4	
1/2	630	1/2	1,520	1/2	2,406	1/2	3,248	1/2	4,037	1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,539	3/4	2,424	3/4	3,265	3/4	4,053	3/4		3/4		3/4		3/4		3/4	
9	667	9	1,557	9	2,442	9	3,282	9	4,069	9		9		9		9		9	
1/4	686	1/4	1,576	1/4	2,460	1/4	3,299	1/4	4,085	1/4		1/4		1/4		1/4		1/4	
1/2	705	1/2	1,595	1/2	2,478	1/2	3,315	1/2	4,100	1/2		1/2		1/2		1/2		1/2	
3/4	723	3/4	1,613	3/4	2,496	3/4	3,332	3/4	4,116	3/4		3/4		3/4		3/4		3/4	
10	742	10	1,632	10	2,514	10	3,349	10	4,132	10		10		10		10		10	
1/4	760	1/4	1,650	1/4	2,532	1/4	3,366	1/4	4,148	1/4		1/4		1/4		1/4		1/4	
1/2	779	1/2	1,669	1/2	2,550	1/2	3,383	1/2	4,164	1/2		1/2		1/2		1/2		1/2	
3/4	797	3/4	1,687	3/4	2,568	3/4	3,400	3/4	4,179	3/4		3/4		3/4		3/4		3/4	
11	816	11	1,706	11	2,586	11	3,416	11	4,195	11		11		11		11		11	
1/4	834	1/4	1,724	1/4	2,603	1/4	3,433	1/4	4,211	1/4		1/4		1/4		1/4		1/4	
1/2	853	1/2	1,743	1/2	2,621	1/2	3,450	1/2	4,226	1/2		1/2		1/2		1/2		1/2	
3/4	871	3/4	1,761	3/4	2,639	3/4	3,467	3/4	4,242	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 MANWAY.

STRAPPED: 11/02/2023 JS
 CALCULATED: 11/02/2023 CL
 PRINTED: 11/02/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29085"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CTC Co 255

GAUGE HEIGHT 5'-07"

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	890	0	1,780	0	2,657	0	3,483	0	4,257	0		0		0		0	
1/4	19	1/4	909	1/4	1,799	1/4	2,674	1/4	3,500	1/4	4,273	1/4		1/4		1/4		1/4	
1/2	37	1/2	927	1/2	1,817	1/2	2,692	1/2	3,517	1/2	4,289	1/2		1/2		1/2		1/2	
3/4	56	3/4	946	3/4	1,836	3/4	2,710	3/4	3,533	3/4	4,304	3/4		3/4		3/4		3/4	
1	74	1	964	1	1,854	1	2,728	1	3,550	1	4,320	1		1		1		1	
1/4	93	1/4	983	1/4	1,873	1/4	2,745	1/4	3,566	1/4	4,335	1/4		1/4		1/4		1/4	
1/2	111	1/2	1,001	1/2	1,891	1/2	2,763	1/2	3,583	1/2	4,351	1/2		1/2		1/2		1/2	
3/4	130	3/4	1,020	3/4	1,910	3/4	2,781	3/4	3,599	3/4		3/4		3/4		3/4		3/4	
2	148	2	1,038	2	1,928	2	2,798	2	3,616	2		2		2		2		2	
1/4	167	1/4	1,057	1/4	1,947	1/4	2,816	1/4	3,632	1/4		1/4		1/4		1/4		1/4	
1/2	185	1/2	1,075	1/2	1,965	1/2	2,833	1/2	3,649	1/2		1/2		1/2		1/2		1/2	
3/4	204	3/4	1,094	3/4	1,984	3/4	2,851	3/4	3,665	3/4		3/4		3/4		3/4		3/4	
3	222	3	1,112	3	2,002	3	2,868	3	3,682	3		3		3		3		3	
1/4	241	1/4	1,131	1/4	2,021	1/4	2,886	1/4	3,698	1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	1,150	1/2	2,040	1/2	2,903	1/2	3,714	1/2		1/2		1/2		1/2		1/2	
3/4	278	3/4	1,168	3/4	2,058	3/4	2,921	3/4	3,731	3/4		3/4		3/4		3/4		3/4	
4	297	4	1,187	4	2,077	4	2,938	4	3,747	4		4		4		4		4	
1/4	315	1/4	1,205	1/4	2,095	1/4	2,955	1/4	3,763	1/4		1/4		1/4		1/4		1/4	
1/2	334	1/2	1,224	1/2	2,113	1/2	2,973	1/2	3,780	1/2		1/2		1/2		1/2		1/2	
3/4	352	3/4	1,242	3/4	2,132	3/4	2,990	3/4	3,796	3/4		3/4		3/4		3/4		3/4	
5	371	5	1,261	5	2,150	5	3,008	5	3,812	5		5		5		5		5	
1/4	389	1/4	1,279	1/4	2,169	1/4	3,025	1/4	3,828	1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	1,298	1/2	2,187	1/2	3,042	1/2	3,845	1/2		1/2		1/2		1/2		1/2	
3/4	426	3/4	1,316	3/4	2,205	3/4	3,059	3/4	3,861	3/4		3/4		3/4		3/4		3/4	
6	445	6	1,335	6	2,224	6	3,077	6	3,877	6		6		6		6		6	
1/4	464	1/4	1,354	1/4	2,242	1/4	3,094	1/4	3,893	1/4		1/4		1/4		1/4		1/4	
1/2	482	1/2	1,372	1/2	2,260	1/2	3,111	1/2	3,909	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,391	3/4	2,279	3/4	3,128	3/4	3,925	3/4		3/4		3/4		3/4		3/4	
7	519	7	1,409	7	2,297	7	3,145	7	3,941	7		7		7		7		7	
1/4	538	1/4	1,428	1/4	2,315	1/4	3,162	1/4	3,957	1/4		1/4		1/4		1/4		1/4	
1/2	556	1/2	1,446	1/2	2,333	1/2	3,179	1/2	3,973	1/2		1/2		1/2		1/2		1/2	
3/4	575	3/4	1,465	3/4	2,351	3/4	3,197	3/4	3,989	3/4		3/4		3/4		3/4		3/4	
8	593	8	1,483	8	2,370	8	3,214	8	4,005	8		8		8		8		8	
1/4	612	1/4	1,502	1/4	2,388	1/4	3,231	1/4	4,021	1/4		1/4		1/4		1/4		1/4	
1/2	630	1/2	1,520	1/2	2,406	1/2	3,248	1/2	4,037	1/2		1/2		1/2		1/2		1/2	
3/4	649	3/4	1,539	3/4	2,424	3/4	3,265	3/4	4,053	3/4		3/4		3/4		3/4		3/4	
9	667	9	1,557	9	2,442	9	3,282	9	4,069	9		9		9		9		9	
1/4	686	1/4	1,576	1/4	2,460	1/4	3,299	1/4	4,085	1/4		1/4		1/4		1/4		1/4	
1/2	705	1/2	1,595	1/2	2,478	1/2	3,315	1/2	4,100	1/2		1/2		1/2		1/2		1/2	
3/4	723	3/4	1,613	3/4	2,496	3/4	3,332	3/4	4,116	3/4		3/4		3/4		3/4		3/4	
10	742	10	1,632	10	2,514	10	3,349	10	4,132	10		10		10		10		10	
1/4	760	1/4	1,650	1/4	2,532	1/4	3,366	1/4	4,148	1/4		1/4		1/4		1/4		1/4	
1/2	779	1/2	1,669	1/2	2,550	1/2	3,383	1/2	4,164	1/2		1/2		1/2		1/2		1/2	
3/4	797	3/4	1,687	3/4	2,568	3/4	3,400	3/4	4,179	3/4		3/4		3/4		3/4		3/4	
11	816	11	1,706	11	2,586	11	3,416	11	4,195	11		11		11		11		11	
1/4	834	1/4	1,724	1/4	2,603	1/4	3,433	1/4	4,211	1/4		1/4		1/4		1/4		1/4	
1/2	853	1/2	1,743	1/2	2,621	1/2	3,450	1/2	4,226	1/2		1/2		1/2		1/2		1/2	
3/4	871	3/4	1,761	3/4	2,639	3/4	3,467	3/4	4,242	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 MANWAY.

STRAPPED: 11/02/2023 JS
CALCULATED: 11/02/2023 CL
PRINTED: 11/02/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29085"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CTC Co 255

GAUGE HEIGHT 5'-07 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	347	0	694	0	1,041	0	1,388	0	1,735	0		0		0		0	
1/4	7	1/4	354	1/4	701	1/4	1,048	1/4	1,395	1/4	1,742	1/4		1/4		1/4		1/4	
1/2	14	1/2	361	1/2	708	1/2	1,055	1/2	1,402	1/2	1,749	1/2		1/2		1/2		1/2	
3/4	22	3/4	369	3/4	716	3/4	1,062	3/4	1,409	3/4	1,756	3/4		3/4		3/4		3/4	
1	29	1	376	1	723	1	1,070	1	1,417	1	1,763	1		1		1		1	
1/4	36	1/4	383	1/4	730	1/4	1,077	1/4	1,424	1/4	1,771	1/4		1/4		1/4		1/4	
1/2	43	1/2	390	1/2	737	1/2	1,084	1/2	1,431	1/2	1,778	1/2		1/2		1/2		1/2	
3/4	51	3/4	398	3/4	744	3/4	1,091	3/4	1,438	3/4		3/4		3/4		3/4		3/4	
2	58	2	405	2	752	2	1,099	2	1,445	2		2		2		2		2	
1/4	65	1/4	412	1/4	759	1/4	1,106	1/4	1,453	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	419	1/2	766	1/2	1,113	1/2	1,460	1/2		1/2		1/2		1/2		1/2	
3/4	80	3/4	426	3/4	773	3/4	1,120	3/4	1,467	3/4		3/4		3/4		3/4		3/4	
3	87	3	434	3	781	3	1,127	3	1,474	3		3		3		3		3	
1/4	94	1/4	441	1/4	788	1/4	1,135	1/4	1,482	1/4		1/4		1/4		1/4		1/4	
1/2	101	1/2	448	1/2	795	1/2	1,142	1/2	1,489	1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	455	3/4	802	3/4	1,149	3/4	1,496	3/4		3/4		3/4		3/4		3/4	
4	116	4	463	4	809	4	1,156	4	1,503	4		4		4		4		4	
1/4	123	1/4	470	1/4	817	1/4	1,164	1/4	1,511	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	477	1/2	824	1/2	1,171	1/2	1,518	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	484	3/4	831	3/4	1,178	3/4	1,525	3/4		3/4		3/4		3/4		3/4	
5	145	5	491	5	838	5	1,185	5	1,532	5		5		5		5		5	
1/4	152	1/4	499	1/4	846	1/4	1,193	1/4	1,539	1/4		1/4		1/4		1/4		1/4	
1/2	159	1/2	506	1/2	853	1/2	1,200	1/2	1,547	1/2		1/2		1/2		1/2		1/2	
3/4	166	3/4	513	3/4	860	3/4	1,207	3/4	1,554	3/4		3/4		3/4		3/4		3/4	
6	173	6	520	6	867	6	1,214	6	1,561	6		6		6		6		6	
1/4	181	1/4	528	1/4	875	1/4	1,221	1/4	1,568	1/4		1/4		1/4		1/4		1/4	
1/2	188	1/2	535	1/2	882	1/2	1,229	1/2	1,576	1/2		1/2		1/2		1/2		1/2	
3/4	195	3/4	542	3/4	889	3/4	1,236	3/4	1,583	3/4		3/4		3/4		3/4		3/4	
7	202	7	549	7	896	7	1,243	7	1,590	7		7		7		7		7	
1/4	210	1/4	557	1/4	903	1/4	1,250	1/4	1,597	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	564	1/2	911	1/2	1,258	1/2	1,604	1/2		1/2		1/2		1/2		1/2	
3/4	224	3/4	571	3/4	918	3/4	1,265	3/4	1,612	3/4		3/4		3/4		3/4		3/4	
8	231	8	578	8	925	8	1,272	8	1,619	8		8		8		8		8	
1/4	239	1/4	585	1/4	932	1/4	1,279	1/4	1,626	1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	593	1/2	940	1/2	1,286	1/2	1,633	1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	600	3/4	947	3/4	1,294	3/4	1,641	3/4		3/4		3/4		3/4		3/4	
9	260	9	607	9	954	9	1,301	9	1,648	9		9		9		9		9	
1/4	267	1/4	614	1/4	961	1/4	1,308	1/4	1,655	1/4		1/4		1/4		1/4		1/4	
1/2	275	1/2	622	1/2	968	1/2	1,315	1/2	1,662	1/2		1/2		1/2		1/2		1/2	
3/4	282	3/4	629	3/4	976	3/4	1,323	3/4	1,670	3/4		3/4		3/4		3/4		3/4	
10	289	10	636	10	983	10	1,330	10	1,677	10		10		10		10		10	
1/4	296	1/4	643	1/4	990	1/4	1,337	1/4	1,684	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	650	1/2	997	1/2	1,344	1/2	1,691	1/2		1/2		1/2		1/2		1/2	
3/4	311	3/4	658	3/4	1,005	3/4	1,352	3/4	1,698	3/4		3/4		3/4		3/4		3/4	
11	318	11	665	11	1,012	11	1,359	11	1,706	11		11		11		11		11	
1/4	325	1/4	672	1/4	1,019	1/4	1,366	1/4	1,713	1/4		1/4		1/4		1/4		1/4	
1/2	332	1/2	679	1/2	1,026	1/2	1,373	1/2	1,720	1/2		1/2		1/2		1/2		1/2	
3/4	340	3/4	687	3/4	1,034	3/4	1,380	3/4	1,727	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 MANWAY

STRAPPED: 11/02/2023 JS
CALCULATED: 11/02/2023 CL
PRINTED: 11/02/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>