



BARGE "KIRBY 29089"

ULLAGE TRIM TABLE
FORMERLY "CTCo 317"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-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 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-03"

October 13, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29089"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,950.89	0	4,622.00	0	4,271.88	0	3,905.93	0	3,539.04	0	3,171.62	0	2,804.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,943.78	1/4	4,614.93	1/4	4,264.37	1/4	3,898.28	1/4	3,531.39	1/4	3,163.96	1/4	2,796.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,937.14	1/2	4,607.83	1/2	4,256.83	1/2	3,890.64	1/2	3,523.73	1/2	3,156.31	1/2	2,788.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,930.49	3/4	4,600.73	3/4	4,249.28	3/4	3,883.00	3/4	3,516.08	3/4	3,148.65	3/4	2,781.10
1		1		1		1	4,923.85	1	4,593.63	1	4,241.73	1	3,875.36	1	3,508.42	1	3,141.00	1	2,773.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,917.20	1/4	4,586.52	1/4	4,234.19	1/4	3,867.71	1/4	3,500.77	1/4	3,133.34	1/4	2,765.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,910.52	1/2	4,579.39	1/2	4,226.61	1/2	3,860.07	1/2	3,493.12	1/2	3,125.69	1/2	2,758.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,903.85	3/4	4,572.25	3/4	4,219.03	3/4	3,852.43	3/4	3,485.46	3/4	3,118.04	3/4	2,750.46
2		2		2		2	4,897.17	2	4,565.11	2	4,211.45	2	3,844.78	2	3,477.81	2	3,110.38	2	2,742.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,890.49	1/4	4,557.98	1/4	4,203.87	1/4	3,837.14	1/4	3,470.15	1/4	3,102.73	1/4	2,735.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,883.78	1/2	4,550.80	1/2	4,196.25	1/2	3,829.50	1/2	3,462.50	1/2	3,095.07	1/2	2,727.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,877.07	3/4	4,543.63	3/4	4,188.64	3/4	3,821.85	3/4	3,454.84	3/4	3,087.42	3/4	2,719.83
3		3		3		3	4,870.35	3	4,536.46	3	4,181.02	3	3,814.21	3	3,447.19	3	3,079.76	3	2,712.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,863.64	1/4	4,529.29	1/4	4,173.41	1/4	3,806.57	1/4	3,439.53	1/4	3,072.11	1/4	2,704.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,856.89	1/2	4,522.09	1/2	4,165.77	1/2	3,798.92	1/2	3,431.88	1/2	3,064.45	1/2	2,696.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,850.14	3/4	4,514.89	3/4	4,158.14	3/4	3,791.28	3/4	3,424.22	3/4	3,056.80	3/4	2,689.19
4		4		4		4	4,843.38	4	4,507.68	4	4,150.50	4	3,783.64	4	3,416.57	4	3,049.14	4	2,681.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,836.63	1/4	4,500.48	1/4	4,142.86	1/4	3,775.99	1/4	3,408.91	1/4	3,041.49	1/4	2,673.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,829.85	1/2	4,493.24	1/2	4,135.22	1/2	3,768.35	1/2	3,401.26	1/2	3,033.83	1/2	2,666.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,823.06	3/4	4,486.00	3/4	4,127.58	3/4	3,760.71	3/4	3,393.60	3/4	3,026.18	3/4	2,658.56
5		5		5		5	4,816.28	5	4,478.76	5	4,119.93	5	3,753.07	5	3,385.95	5	3,018.52	5	2,650.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,809.49	1/4	4,471.52	1/4	4,112.29	1/4	3,745.42	1/4	3,378.29	1/4	3,010.87	1/4	2,643.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,802.67	1/2	4,464.25	1/2	4,104.65	1/2	3,737.78	1/2	3,370.64	1/2	3,003.21	1/2	2,635.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,795.86	3/4	4,456.97	3/4	4,097.00	3/4	3,730.14	3/4	3,362.99	3/4	2,995.55	3/4	2,627.92
6		6		6		6	4,789.04	6	4,449.70	6	4,089.36	6	3,722.49	6	3,355.33	6	2,987.89	6	2,620.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,782.22	1/4	4,442.42	1/4	4,081.72	1/4	3,714.85	1/4	3,347.68	1/4	2,980.22	1/4	2,612.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,775.37	1/2	4,435.10	1/2	4,074.08	1/2	3,707.21	1/2	3,340.02	1/2	2,972.57	1/2	2,604.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,104.17	3/4	4,768.51	3/4	4,427.77	3/4	4,066.43	3/4	3,699.56	3/4	3,332.37	3/4	2,964.91
7		7		7		7	5,098.11	7	4,761.66	7	4,420.45	7	4,058.79	7	3,691.92	7	3,324.71	7	2,957.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,092.06	1/4	4,754.81	1/4	4,413.12	1/4	4,051.15	1/4	3,684.28	1/4	3,317.06	1/4	2,949.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,084.85	1/2	4,747.90	1/2	4,405.75	1/2	4,043.50	1/2	3,676.63	1/2	3,309.40	1/2	2,941.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,077.65	3/4	4,741.00	3/4	4,398.38	3/4	4,035.86	3/4	3,668.99	3/4	3,301.75	3/4	2,934.27
8		8		8		8	5,070.44	8	4,734.09	8	4,391.01	8	4,028.22	8	3,661.35	8	3,294.09	8	2,926.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,063.24	1/4	4,727.18	1/4	4,383.64	1/4	4,020.57	1/4	3,653.71	1/4	3,286.44	1/4	2,918.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,055.66	1/2	4,720.22	1/2	4,376.24	1/2	4,012.93	1/2	3,646.06	1/2	3,278.78	1/2	2,911.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,048.07	3/4	4,713.26	3/4	4,368.84	3/4	4,005.29	3/4	3,638.42	3/4	3,271.13	3/4	2,903.64
9		9		9		9	5,040.48	9	4,706.30	9	4,361.44	9	3,997.64	9	3,630.78	9	3,263.47	9	2,895.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,032.90	1/4	4,699.35	1/4	4,354.03	1/4	3,990.00	1/4	3,623.13	1/4	3,255.82	1/4	2,888.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,025.31	1/2	4,692.35	1/2	4,346.60	1/2	3,982.36	1/2	3,615.49	1/2	3,248.16	1/2	2,880.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,017.73	3/4	4,685.35	3/4	4,339.16	3/4	3,974.72	3/4	3,607.85	3/4	3,240.51	3/4	2,873.00
10		10		10		10	5,010.14	10	4,678.35	10	4,331.72	10	3,967.07	10	3,600.20	10	3,232.86	10	2,865.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,002.56	1/4	4,671.35	1/4	4,324.29	1/4	3,959.43	1/4	3,592.56	1/4	3,225.20	1/4	2,857.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,994.97	1/2	4,664.32	1/2	4,316.82	1/2	3,951.79	1/2	3,584.92	1/2	3,217.55	1/2	2,850.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,987.38	3/4	4,657.28	3/4	4,309.35	3/4	3,944.14	3/4	3,577.27	3/4	3,209.89	3/4	2,842.37
11		11		11		11	4,979.80	11	4,650.25	11	4,301.88	11	3,936.50	11	3,569.63	11	3,202.24	11	2,834.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,972.21	1/4	4,643.21	1/4	4,294.41	1/4	3,928.86	1/4	3,561.99	1/4	3,194.58	1/4	2,827.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,965.11	1/2	4,636.14	1/2	4,286.90	1/2	3,921.21	1/2	3,554.34	1/2	3,186.93	1/2	2,819.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,958.00	3/4	4,629.07	3/4	4,279.39	3/4	3,913.57	3/4	3,546.69	3/4	3,179.27	3/4	2,811.73

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'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 29089"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,436.46	0	2,068.84	0	1,701.22	0	1,333.60	0	967.03	0	600.58	0	250.38	0		0			
1/4	2,428.80	1/4	2,061.18	1/4	1,693.56	1/4	1,325.94	1/4	959.42	1/4	592.93	1/4	243.58	1/4		1/4			
1/2	2,421.14	1/2	2,053.52	1/2	1,685.90	1/2	1,318.29	1/2	951.81	1/2	585.27	1/2	236.88	1/2		1/2			
3/4	2,413.48	3/4	2,045.86	3/4	1,678.25	3/4	1,310.63	3/4	944.20	3/4	577.61	3/4	230.17	3/4		3/4			
1	2,405.82	1	2,038.20	1	1,670.59	1	1,302.97	1	936.60	1	569.95	1	223.47	1		1			
1/4	2,398.16	1/4	2,030.55	1/4	1,662.93	1/4	1,295.31	1/4	928.99	1/4	562.29	1/4	216.77	1/4		1/4			
1/2	2,390.50	1/2	2,022.89	1/2	1,655.27	1/2	1,287.65	1/2	921.38	1/2	554.64	1/2	210.15	1/2		1/2			
3/4	2,382.85	3/4	2,015.23	3/4	1,647.61	3/4	1,279.99	3/4	913.77	3/4	547.00	3/4	203.54	3/4		3/4			
2	2,375.19	2	2,007.57	2	1,639.95	2	1,272.33	2	906.17	2	539.35	2	196.93	2		2			
1/4	2,367.53	1/4	1,999.91	1/4	1,632.29	1/4	1,264.68	1/4	898.56	1/4	531.70	1/4	190.31	1/4		1/4			
1/2	2,359.87	1/2	1,992.25	1/2	1,624.63	1/2	1,257.02	1/2	890.95	1/2	524.10	1/2	183.79	1/2		1/2			
3/4	2,352.21	3/4	1,984.59	3/4	1,616.98	3/4	1,249.36	3/4	883.34	3/4	516.50	3/4	177.27	3/4		3/4			
3	2,344.55	3	1,976.93	3	1,609.32	3	1,241.70	3	875.73	3	508.90	3	170.74	3		3			
1/4	2,336.89	1/4	1,969.28	1/4	1,601.66	1/4	1,234.04	1/4	868.13	1/4	501.30	1/4	164.22	1/4		1/4			
1/2	2,329.23	1/2	1,961.62	1/2	1,594.00	1/2	1,226.38	1/2	860.52	1/2	493.77	1/2	157.79	1/2		1/2			
3/4	2,321.58	3/4	1,953.96	3/4	1,586.34	3/4	1,218.72	3/4	852.91	3/4	486.25	3/4	151.37	3/4		3/4			
4	2,313.92	4	1,946.30	4	1,578.68	4	1,211.06	4	845.30	4	478.73	4	144.94	4		4			
1/4	2,306.26	1/4	1,938.64	1/4	1,571.02	1/4	1,203.41	1/4	837.70	1/4	471.21	1/4	138.51	1/4		1/4			
1/2	2,298.60	1/2	1,930.98	1/2	1,563.36	1/2	1,195.75	1/2	830.09	1/2	463.78	1/2	132.18	1/2		1/2			
3/4	2,290.94	3/4	1,923.32	3/4	1,555.71	3/4	1,188.09	3/4	822.48	3/4	456.34	3/4	125.85	3/4		3/4			
5	2,283.28	5	1,915.66	5	1,548.05	5	1,180.43	5	814.87	5	448.91	5	119.51	5		5			
1/4	2,275.62	1/4	1,908.01	1/4	1,540.39	1/4	1,172.77	1/4	807.26	1/4	441.48	1/4	113.18	1/4		1/4			
1/2	2,267.96	1/2	1,900.35	1/2	1,532.73	1/2	1,165.13	1/2	799.63	1/2	434.14	1/2	106.95	1/2		1/2			
3/4	2,260.31	3/4	1,892.69	3/4	1,525.07	3/4	1,157.48	3/4	792.00	3/4	426.80	3/4	100.72	3/4		3/4			
6	2,252.65	6	1,885.03	6	1,517.41	6	1,149.84	6	784.36	6	419.46	6	94.49	6		6			
1/4	2,244.99	1/4	1,877.37	1/4	1,509.75	1/4	1,142.19	1/4	776.73	1/4	412.12	1/4	88.25	1/4		1/4			
1/2	2,237.33	1/2	1,869.71	1/2	1,502.09	1/2	1,134.57	1/2	769.07	1/2	404.87	1/2	82.13	1/2		1/2			
3/4	2,229.67	3/4	1,862.05	3/4	1,494.44	3/4	1,126.94	3/4	761.41	3/4	397.62	3/4	76.01	3/4		3/4			
7	2,222.01	7	1,854.40	7	1,486.78	7	1,119.31	7	753.75	7	390.37	7	69.88	7		7			
1/4	2,214.35	1/4	1,846.74	1/4	1,479.12	1/4	1,111.68	1/4	746.10	1/4	383.12	1/4	63.76	1/4		1/4			
1/2	2,206.70	1/2	1,839.08	1/2	1,471.46	1/2	1,104.06	1/2	738.44	1/2	375.96	1/2	58.20	1/2		1/2			
3/4	2,199.04	3/4	1,831.42	3/4	1,463.80	3/4	1,096.43	3/4	730.78	3/4	368.80	3/4	52.64	3/4		3/4			
8	2,191.38	8	1,823.76	8	1,456.14	8	1,088.81	8	723.12	8	361.65	8	47.08	8		8			
1/4	2,183.72	1/4	1,816.10	1/4	1,448.48	1/4	1,081.19	1/4	715.46	1/4	354.49	1/4	41.52	1/4		1/4			
1/2	2,176.06	1/2	1,808.44	1/2	1,440.83	1/2	1,073.57	1/2	707.80	1/2	347.42	1/2	37.03	1/2		1/2			
3/4	2,168.40	3/4	1,800.78	3/4	1,433.17	3/4	1,065.96	3/4	700.14	3/4	340.35	3/4	32.53	3/4		3/4			
9	2,160.74	9	1,793.13	9	1,425.51	9	1,058.34	9	692.49	9	333.28	9	28.04	9		9			
1/4	2,153.08	1/4	1,785.47	1/4	1,417.85	1/4	1,050.73	1/4	684.83	1/4	326.22	1/4	23.54	1/4		1/4			
1/2	2,145.43	1/2	1,777.81	1/2	1,410.19	1/2	1,043.12	1/2	677.17	1/2	319.24	1/2		1/2		1/2			
3/4	2,137.77	3/4	1,770.15	3/4	1,402.53	3/4	1,035.51	3/4	669.51	3/4	312.26	3/4		3/4		3/4			
10	2,130.11	10	1,762.49	10	1,394.87	10	1,027.89	10	661.85	10	305.28	10		10		10			
1/4	2,122.45	1/4	1,754.83	1/4	1,387.21	1/4	1,020.28	1/4	654.19	1/4	298.31	1/4		1/4		1/4			
1/2	2,114.79	1/2	1,747.17	1/2	1,379.56	1/2	1,012.67	1/2	646.54	1/2	291.42	1/2		1/2		1/2			
3/4	2,107.13	3/4	1,739.51	3/4	1,371.90	3/4	1,005.07	3/4	638.88	3/4	284.54	3/4		3/4		3/4			
11	2,099.47	11	1,731.86	11	1,364.24	11	997.46	11	631.22	11	277.65	11		11		11			
1/4	2,091.81	1/4	1,724.20	1/4	1,356.58	1/4	989.85	1/4	623.56	1/4	270.76	1/4		1/4		1/4			
1/2	2,084.16	1/2	1,716.54	1/2	1,348.92	1/2	982.24	1/2	615.90	1/2	263.97	1/2		1/2		1/2			
3/4	2,076.50	3/4	1,708.88	3/4	1,341.26	3/4	974.64	3/4	608.24	3/4	257.17	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29089"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,954.35	0	4,625.43	0	4,275.74	0	3,909.94	0	3,543.07	0	3,176.21	0	2,809.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,947.24	1/4	4,618.36	1/4	4,268.24	1/4	3,902.29	1/4	3,535.43	1/4	3,168.56	1/4	2,801.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,940.14	1/2	4,611.29	1/2	4,260.73	1/2	3,894.65	1/2	3,527.79	1/2	3,160.92	1/2	2,793.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,933.49	3/4	4,604.18	3/4	4,253.18	3/4	3,887.01	3/4	3,520.14	3/4	3,153.28	3/4	2,786.31
1	1	1	1	1	1	1	4,926.84	1	4,597.08	1	4,245.64	1	3,879.36	1	3,512.50	1	3,145.64	1	2,778.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,920.20	1/4	4,589.98	1/4	4,238.09	1/4	3,871.72	1/4	3,504.86	1/4	3,137.99	1/4	2,771.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,913.55	1/2	4,582.88	1/2	4,230.54	1/2	3,864.08	1/2	3,497.21	1/2	3,130.35	1/2	2,763.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,906.88	3/4	4,575.74	3/4	4,222.96	3/4	3,856.43	3/4	3,489.57	3/4	3,122.71	3/4	2,755.72
2	2	2	2	2	2	2	4,900.20	2	4,568.60	2	4,215.38	2	3,848.79	2	3,481.93	2	3,115.06	2	2,748.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,893.52	1/4	4,561.47	1/4	4,207.80	1/4	3,841.15	1/4	3,474.28	1/4	3,107.42	1/4	2,740.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,886.84	1/2	4,554.33	1/2	4,200.22	1/2	3,833.51	1/2	3,466.64	1/2	3,099.78	1/2	2,732.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,880.13	3/4	4,547.16	3/4	4,192.61	3/4	3,825.86	3/4	3,459.00	3/4	3,092.13	3/4	2,725.13
3	3	3	3	3	3	3	4,873.42	3	4,539.99	3	4,185.00	3	3,818.22	3	3,451.36	3	3,084.49	3	2,717.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,866.70	1/4	4,532.82	1/4	4,177.38	1/4	3,810.58	1/4	3,443.71	1/4	3,076.85	1/4	2,709.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,859.99	1/2	4,525.65	1/2	4,169.77	1/2	3,802.93	1/2	3,436.07	1/2	3,069.21	1/2	2,702.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,853.24	3/4	4,518.44	3/4	4,162.13	3/4	3,795.29	3/4	3,428.43	3/4	3,061.56	3/4	2,694.54
4	4	4	4	4	4	4	4,846.49	4	4,511.24	4	4,154.50	4	3,787.65	4	3,420.78	4	3,053.92	4	2,686.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,839.74	1/4	4,504.04	1/4	4,146.86	1/4	3,780.00	1/4	3,413.14	1/4	3,046.28	1/4	2,679.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,832.98	1/2	4,496.83	1/2	4,139.23	1/2	3,772.36	1/2	3,405.50	1/2	3,038.63	1/2	2,671.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,826.20	3/4	4,489.59	3/4	4,131.58	3/4	3,764.72	3/4	3,397.85	3/4	3,030.99	3/4	2,663.95
5	5	5	5	5	5	5	4,819.41	5	4,482.36	5	4,123.94	5	3,757.08	5	3,390.21	5	3,023.35	5	2,656.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,812.63	1/4	4,475.12	1/4	4,116.30	1/4	3,749.43	1/4	3,382.57	1/4	3,015.70	1/4	2,648.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,805.84	1/2	4,467.88	1/2	4,108.65	1/2	3,741.79	1/2	3,374.93	1/2	3,008.06	1/2	2,641.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,799.03	3/4	4,460.60	3/4	4,101.01	3/4	3,734.15	3/4	3,367.28	3/4	3,000.42	3/4	2,633.37
6	6	6	6	6	6	6	4,792.21	6	4,453.33	6	4,093.37	6	3,726.50	6	3,359.64	6	2,992.77	6	2,625.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,785.39	1/4	4,446.05	1/4	4,085.72	1/4	3,718.86	1/4	3,352.00	1/4	2,985.13	1/4	2,618.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,778.57	1/2	4,438.78	1/2	4,078.08	1/2	3,711.22	1/2	3,344.35	1/2	2,977.48	1/2	2,610.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,771.72	3/4	4,431.45	3/4	4,070.44	3/4	3,703.57	3/4	3,336.71	3/4	2,969.83	3/4	2,602.78
7	7	7	7	7	7	7	5,100.51	7	4,764.86	7	4,424.13	7	4,062.80	7	3,695.93	7	3,329.07	7	2,995.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,094.45	1/4	4,758.01	1/4	4,416.80	1/4	4,055.15	1/4	3,688.29	1/4	3,321.42	1/4	2,987.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,088.40	1/2	4,751.16	1/2	4,409.48	1/2	4,047.51	1/2	3,680.65	1/2	3,313.78	1/2	2,979.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,081.20	3/4	4,744.25	3/4	4,402.11	3/4	4,039.87	3/4	3,673.00	3/4	3,306.14	3/4	2,972.19
8	8	8	8	8	8	8	5,074.00	8	4,737.35	8	4,394.74	8	4,032.22	8	3,665.36	8	3,298.50	8	2,964.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,066.79	1/4	4,730.44	1/4	4,387.37	1/4	4,024.58	1/4	3,657.72	1/4	3,290.85	1/4	2,956.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,059.59	1/2	4,723.54	1/2	4,380.00	1/2	4,016.94	1/2	3,650.07	1/2	3,283.21	1/2	2,949.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,052.01	3/4	4,716.58	3/4	4,372.60	3/4	4,009.29	3/4	3,642.43	3/4	3,275.57	3/4	2,941.60
9	9	9	9	9	9	9	5,044.42	9	4,709.62	9	4,365.19	9	4,001.65	9	3,634.79	9	3,267.92	9	2,934.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,036.83	1/4	4,702.66	1/4	4,357.79	1/4	3,994.01	1/4	3,627.14	1/4	3,260.28	1/4	2,893.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,029.25	1/2	4,695.70	1/2	4,350.39	1/2	3,986.37	1/2	3,619.50	1/2	3,252.64	1/2	2,885.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,021.66	3/4	4,688.70	3/4	4,342.95	3/4	3,978.72	3/4	3,611.86	3/4	3,244.99	3/4	2,878.07
10	10	10	10	10	10	10	5,014.08	10	4,681.70	10	4,335.52	10	3,971.08	10	3,604.22	10	3,237.35	10	2,870.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,006.49	1/4	4,674.70	1/4	4,328.08	1/4	3,963.44	1/4	3,596.57	1/4	3,229.71	1/4	2,862.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,998.91	1/2	4,667.71	1/2	4,320.64	1/2	3,955.79	1/2	3,588.93	1/2	3,222.07	1/2	2,855.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,991.32	3/4	4,660.67	3/4	4,313.17	3/4	3,948.15	3/4	3,581.29	3/4	3,214.42	3/4	2,847.48
11	11	11	11	11	11	11	4,983.74	11	4,653.64	11	4,305.70	11	3,940.51	11	3,573.64	11	3,206.78	11	2,839.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,976.15	1/4	4,646.60	1/4	4,298.23	1/4	3,932.86	1/4	3,566.00	1/4	3,199.14	1/4	2,832.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.57	1/2	4,639.56	1/2	4,290.76	1/2	3,925.22	1/2	3,558.36	1/2	3,191.49	1/2	2,824.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,961.46	3/4	4,632.49	3/4	4,283.25	3/4	3,917.58	3/4	3,550.71	3/4	3,183.85	3/4	2,816.89

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'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29089"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 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	2,442.19	0	2,075.14	0	1,708.08	0	1,341.02	0	974.13	0	607.41	0	256.96	0		0			
1/4	2,434.54	1/4	2,067.49	1/4	1,700.43	1/4	1,333.38	1/4	966.50	1/4	599.77	1/4	250.18	1/4		1/4			
1/2	2,426.90	1/2	2,059.84	1/2	1,692.79	1/2	1,325.73	1/2	958.86	1/2	592.12	1/2	243.40	1/2		1/2			
3/4	2,419.25	3/4	2,052.19	3/4	1,685.14	3/4	1,318.08	3/4	951.23	3/4	584.48	3/4	236.70	3/4		3/4			
1	2,411.60	1	2,044.55	1	1,677.49	1	1,310.44	1	943.60	1	576.83	1	230.01	1		1			
1/4	2,403.96	1/4	2,036.90	1/4	1,669.84	1/4	1,302.79	1/4	935.96	1/4	569.19	1/4	223.32	1/4		1/4			
1/2	2,396.31	1/2	2,029.25	1/2	1,662.20	1/2	1,295.14	1/2	928.33	1/2	561.55	1/2	216.62	1/2		1/2			
3/4	2,388.66	3/4	2,021.61	3/4	1,654.55	3/4	1,287.49	3/4	920.70	3/4	553.92	3/4	210.02	3/4		3/4			
2	2,381.02	2	2,013.96	2	1,646.90	2	1,279.85	2	913.07	2	546.29	2	203.42	2		2			
1/4	2,373.37	1/4	2,006.31	1/4	1,639.26	1/4	1,272.20	1/4	905.43	1/4	538.66	1/4	196.82	1/4		1/4			
1/2	2,365.72	1/2	1,998.67	1/2	1,631.61	1/2	1,264.55	1/2	897.80	1/2	531.04	1/2	190.22	1/2		1/2			
3/4	2,358.07	3/4	1,991.02	3/4	1,623.96	3/4	1,256.91	3/4	890.17	3/4	523.45	3/4	183.71	3/4		3/4			
3	2,350.43	3	1,983.37	3	1,616.32	3	1,249.26	3	882.53	3	515.86	3	177.20	3		3			
1/4	2,342.78	1/4	1,975.72	1/4	1,608.67	1/4	1,241.61	1/4	874.90	1/4	508.28	1/4	170.68	1/4		1/4			
1/2	2,335.13	1/2	1,968.08	1/2	1,601.02	1/2	1,233.97	1/2	867.27	1/2	500.69	1/2	164.17	1/2		1/2			
3/4	2,327.49	3/4	1,960.43	3/4	1,593.37	3/4	1,226.32	3/4	859.63	3/4	493.18	3/4	157.75	3/4		3/4			
4	2,319.84	4	1,952.78	4	1,585.73	4	1,218.67	4	852.00	4	485.67	4	151.33	4		4			
1/4	2,312.19	1/4	1,945.14	1/4	1,578.08	1/4	1,211.02	1/4	844.37	1/4	478.16	1/4	144.91	1/4		1/4			
1/2	2,304.55	1/2	1,937.49	1/2	1,570.43	1/2	1,203.38	1/2	836.73	1/2	470.65	1/2	138.49	1/2		1/2			
3/4	2,296.90	3/4	1,929.84	3/4	1,562.79	3/4	1,195.73	3/4	829.10	3/4	463.23	3/4	132.16	3/4		3/4			
5	2,289.25	5	1,922.20	5	1,555.14	5	1,188.08	5	821.47	5	455.81	5	125.84	5		5			
1/4	2,281.60	1/4	1,914.55	1/4	1,547.49	1/4	1,180.44	1/4	813.84	1/4	448.39	1/4	119.51	1/4		1/4			
1/2	2,273.96	1/2	1,906.90	1/2	1,539.85	1/2	1,172.79	1/2	806.20	1/2	440.97	1/2	113.18	1/2		1/2			
3/4	2,266.31	3/4	1,899.25	3/4	1,532.20	3/4	1,165.14	3/4	798.56	3/4	433.64	3/4	106.95	3/4		3/4			
6	2,258.66	6	1,891.61	6	1,524.55	6	1,157.50	6	790.92	6	426.31	6	100.71	6		6			
1/4	2,251.02	1/4	1,883.96	1/4	1,516.90	1/4	1,149.85	1/4	783.28	1/4	418.98	1/4	94.48	1/4		1/4			
1/2	2,243.37	1/2	1,876.31	1/2	1,509.26	1/2	1,142.20	1/2	775.64	1/2	411.65	1/2	88.25	1/2		1/2			
3/4	2,235.72	3/4	1,868.67	3/4	1,501.61	3/4	1,134.55	3/4	768.00	3/4	404.42	3/4	82.13	3/4		3/4			
7	2,228.08	7	1,861.02	7	1,493.96	7	1,126.91	7	760.35	7	397.18	7	76.00	7		7			
1/4	2,220.43	1/4	1,853.37	1/4	1,486.32	1/4	1,119.26	1/4	752.70	1/4	389.94	1/4	69.88	1/4		1/4			
1/2	2,212.78	1/2	1,845.73	1/2	1,478.67	1/2	1,111.61	1/2	745.06	1/2	382.70	1/2	63.76	1/2		1/2			
3/4	2,205.13	3/4	1,838.08	3/4	1,471.02	3/4	1,103.97	3/4	737.41	3/4	375.56	3/4	58.20	3/4		3/4			
8	2,197.49	8	1,830.43	8	1,463.38	8	1,096.33	8	729.76	8	368.41	8	52.64	8		8			
1/4	2,189.84	1/4	1,822.78	1/4	1,455.73	1/4	1,088.68	1/4	722.12	1/4	361.26	1/4	47.08	1/4		1/4			
1/2	2,182.19	1/2	1,815.14	1/2	1,448.08	1/2	1,081.04	1/2	714.47	1/2	354.11	1/2	41.52	1/2		1/2			
3/4	2,174.55	3/4	1,807.49	3/4	1,440.43	3/4	1,073.40	3/4	706.82	3/4	347.06	3/4	37.02	3/4		3/4			
9	2,166.90	9	1,799.84	9	1,432.79	9	1,065.76	9	699.18	9	340.00	9	32.53	9		9			
1/4	2,159.25	1/4	1,792.20	1/4	1,425.14	1/4	1,058.12	1/4	691.53	1/4	332.95	1/4	28.03	1/4		1/4			
1/2	2,151.61	1/2	1,784.55	1/2	1,417.49	1/2	1,050.48	1/2	683.88	1/2	325.89	1/2	23.54	1/2		1/2			
3/4	2,143.96	3/4	1,776.90	3/4	1,409.85	3/4	1,042.84	3/4	676.23	3/4	318.92	3/4		3/4		3/4			
10	2,136.31	10	1,769.26	10	1,402.20	10	1,035.20	10	668.59	10	311.96	10		10		10			
1/4	2,128.66	1/4	1,761.61	1/4	1,394.55	1/4	1,027.57	1/4	660.94	1/4	304.99	1/4		1/4		1/4			
1/2	2,121.02	1/2	1,753.96	1/2	1,386.91	1/2	1,019.93	1/2	653.29	1/2	298.03	1/2		1/2		1/2			
3/4	2,113.37	3/4	1,746.31	3/4	1,379.26	3/4	1,012.30	3/4	645.65	3/4	291.15	3/4		3/4		3/4			
11	2,105.72	11	1,738.67	11	1,371.61	11	1,004.66	11	638.00	11	284.28	11		11		11			
1/4	2,098.08	1/4	1,731.02	1/4	1,363.96	1/4	997.03	1/4	630.35	1/4	277.40	1/4		1/4		1/4			
1/2	2,090.43	1/2	1,723.37	1/2	1,356.32	1/2	989.40	1/2	622.71	1/2	270.53	1/2		1/2		1/2			
3/4	2,082.78	3/4	1,715.73	3/4	1,348.67	3/4	981.76	3/4	615.06	3/4	263.75	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29089"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,332.84	0	1,988.29	0	1,643.77	0	1,299.25	0	962.11	0	624.60	0	280.09	0		0			
1/4	2,325.61	1/4	1,981.12	1/4	1,636.60	1/4	1,292.08	1/4	955.24	1/4	617.42	1/4	272.91	1/4		1/4			
1/2	2,318.46	1/2	1,973.94	1/2	1,629.42	1/2	1,284.90	1/2	948.37	1/2	610.24	1/2	265.74	1/2		1/2			
3/4	2,311.28	3/4	1,966.76	3/4	1,622.24	3/4	1,277.72	3/4	941.49	3/4	603.06	3/4	258.56	3/4		3/4			
1	2,304.10	1	1,959.58	1	1,615.06	1	1,270.54	1	934.62	1	595.89	1	251.38	1		1			
1/4	2,296.93	1/4	1,952.41	1/4	1,607.89	1/4	1,263.37	1/4	927.75	1/4	588.71	1/4	244.20	1/4		1/4			
1/2	2,289.75	1/2	1,945.23	1/2	1,600.71	1/2	1,256.19	1/2	920.87	1/2	581.53	1/2	237.03	1/2		1/2			
3/4	2,282.57	3/4	1,938.05	3/4	1,593.53	3/4	1,249.01	3/4	914.00	3/4	574.35	3/4	229.85	3/4		3/4			
2	2,275.39	2	1,930.87	2	1,586.35	2	1,241.83	2	907.13	2	567.18	2	222.67	2		2			
1/4	2,268.22	1/4	1,923.70	1/4	1,579.18	1/4	1,234.66	1/4	900.25	1/4	560.00	1/4	215.49	1/4		1/4			
1/2	2,261.04	1/2	1,916.52	1/2	1,572.00	1/2	1,227.48	1/2	893.38	1/2	552.82	1/2	208.32	1/2		1/2			
3/4	2,253.86	3/4	1,909.34	3/4	1,564.82	3/4	1,220.30	3/4	886.51	3/4	545.65	3/4	201.14	3/4		3/4			
3	2,246.68	3	1,902.16	3	1,557.64	3	1,213.12	3	879.63	3	538.47	3	193.96	3		3			
1/4	2,239.51	1/4	1,894.99	1/4	1,550.47	1/4	1,205.95	1/4	872.76	1/4	531.29	1/4	186.79	1/4		1/4			
1/2	2,232.33	1/2	1,887.81	1/2	1,543.29	1/2	1,198.77	1/2	865.89	1/2	524.11	1/2	179.61	1/2		1/2			
3/4	2,225.15	3/4	1,880.63	3/4	1,536.11	3/4	1,191.59	3/4	859.01	3/4	516.94	3/4	172.43	3/4		3/4			
4	2,217.97	4	1,873.45	4	1,528.93	4	1,184.41	4	852.14	4	509.76	4	165.25	4		4			
1/4	2,210.80	1/4	1,866.28	1/4	1,521.76	1/4	1,177.24	1/4	845.27	1/4	502.58	1/4	158.08	1/4		1/4			
1/2	2,203.62	1/2	1,859.10	1/2	1,514.58	1/2	1,170.06	1/2	838.39	1/2	495.41	1/2	150.90	1/2		1/2			
3/4	2,196.44	3/4	1,851.92	3/4	1,507.40	3/4	1,162.88	3/4	831.52	3/4	488.23	3/4	143.72	3/4		3/4			
5	2,189.26	5	1,844.74	5	1,500.22	5	1,155.70	5	824.65	5	481.05	5	136.55	5		5			
1/4	2,182.09	1/4	1,837.57	1/4	1,493.05	1/4	1,148.53	1/4	817.77	1/4	473.87	1/4	129.37	1/4		1/4			
1/2	2,174.91	1/2	1,830.39	1/2	1,485.87	1/2	1,141.49	1/2	810.75	1/2	466.70	1/2	122.20	1/2		1/2			
3/4	2,167.73	3/4	1,823.21	3/4	1,478.69	3/4	1,134.45	3/4	803.72	3/4	459.52	3/4	115.03	3/4		3/4			
6	2,160.55	6	1,816.03	6	1,471.51	6	1,127.42	6	796.70	6	452.34	6	107.86	6		6			
1/4	2,153.38	1/4	1,808.86	1/4	1,464.34	1/4	1,120.38	1/4	789.67	1/4	445.17	1/4	100.68	1/4		1/4			
1/2	2,146.20	1/2	1,801.68	1/2	1,457.16	1/2	1,113.49	1/2	782.49	1/2	437.99	1/2	93.53	1/2		1/2			
3/4	2,139.02	3/4	1,794.50	3/4	1,449.98	3/4	1,106.59	3/4	775.32	3/4	430.81	3/4	86.38	3/4		3/4			
7	2,131.84	7	1,787.32	7	1,442.80	7	1,099.70	7	768.14	7	423.63	7	79.22	7		7			
1/4	2,124.67	1/4	1,780.15	1/4	1,435.63	1/4	1,092.80	1/4	760.96	1/4	416.46	1/4	72.07	1/4		1/4			
1/2	2,117.49	1/2	1,772.97	1/2	1,428.45	1/2	1,085.92	1/2	753.78	1/2	409.28	1/2	65.36	1/2		1/2			
3/4	2,110.31	3/4	1,765.79	3/4	1,421.27	3/4	1,079.03	3/4	746.61	3/4	402.10	3/4	58.64	3/4		3/4			
8	2,103.13	8	1,758.61	8	1,414.09	8	1,072.14	8	739.43	8	394.92	8	51.93	8		8			
1/4	2,095.96	1/4	1,751.44	1/4	1,406.92	1/4	1,065.25	1/4	732.25	1/4	387.75	1/4	45.22	1/4		1/4			
1/2	2,088.78	1/2	1,744.26	1/2	1,399.74	1/2	1,058.37	1/2	725.08	1/2	380.57	1/2	39.84	1/2		1/2			
3/4	2,081.60	3/4	1,737.08	3/4	1,392.56	3/4	1,051.49	3/4	717.90	3/4	373.39	3/4	34.46	3/4		3/4			
9	2,074.42	9	1,729.90	9	1,385.38	9	1,044.61	9	710.72	9	366.22	9	29.08	9		9			
1/4	2,067.25	1/4	1,722.73	1/4	1,378.21	1/4	1,037.73	1/4	703.54	1/4	359.04	1/4	23.69	1/4		1/4			
1/2	2,060.07	1/2	1,715.55	1/2	1,371.03	1/2	1,030.86	1/2	696.37	1/2	351.86	1/2		1/2		1/2			
3/4	2,052.89	3/4	1,708.37	3/4	1,363.85	3/4	1,023.98	3/4	689.19	3/4	344.68	3/4		3/4		3/4			
10	2,045.71	10	1,701.19	10	1,356.67	10	1,017.10	10	682.01	10	337.51	10		10		10			
1/4	2,038.54	1/4	1,694.02	1/4	1,349.50	1/4	1,010.23	1/4	674.84	1/4	330.33	1/4		1/4		1/4			
1/2	2,031.36	1/2	1,686.84	1/2	1,342.32	1/2	1,003.35	1/2	667.66	1/2	323.15	1/2		1/2		1/2			
3/4	2,024.18	3/4	1,679.66	3/4	1,335.14	3/4	996.48	3/4	660.48	3/4	315.98	3/4		3/4		3/4			
11	2,017.00	11	1,672.48	11	1,327.96	11	989.61	11	653.30	11	308.80	11		11		11			
1/4	2,009.83	1/4	1,665.31	1/4	1,320.79	1/4	982.73	1/4	646.13	1/4	301.62	1/4		1/4		1/4			
1/2	2,002.65	1/2	1,658.13	1/2	1,313.61	1/2	975.86	1/2	638.95	1/2	294.44	1/2		1/2		1/2			
3/4	1,995.47	3/4	1,650.95	3/4	1,306.43	3/4	968.99	3/4	631.77	3/4	287.27	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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





BARGE "KIRBY 29089"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,361.08	0	2,016.56	0	1,672.04	0	1,327.52	0	983.14	0	638.95	0	294.44	0		0			
1/4	2,353.90	1/4	2,009.38	1/4	1,664.86	1/4	1,320.34	1/4	975.97	1/4	631.77	1/4	287.26	1/4		1/4			
1/2	2,346.72	1/2	2,002.20	1/2	1,657.68	1/2	1,313.16	1/2	968.81	1/2	624.59	1/2	280.09	1/2		1/2			
3/4	2,339.55	3/4	1,995.03	3/4	1,650.51	3/4	1,305.99	3/4	961.64	3/4	617.41	3/4	272.91	3/4		3/4			
1	2,332.37	1	1,987.85	1	1,643.33	1	1,298.81	1	954.48	1	610.24	1	265.73	1		1			
1/4	2,325.19	1/4	1,980.67	1/4	1,636.15	1/4	1,291.63	1/4	947.31	1/4	603.06	1/4	258.55	1/4		1/4			
1/2	2,318.01	1/2	1,973.49	1/2	1,628.97	1/2	1,284.45	1/2	940.15	1/2	595.88	1/2	251.38	1/2		1/2			
3/4	2,310.84	3/4	1,966.32	3/4	1,621.80	3/4	1,277.28	3/4	932.98	3/4	588.71	3/4	244.20	3/4		3/4			
2	2,303.66	2	1,959.14	2	1,614.62	2	1,270.10	2	925.82	2	581.53	2	237.02	2		2			
1/4	2,296.48	1/4	1,951.96	1/4	1,607.44	1/4	1,262.92	1/4	918.66	1/4	574.35	1/4	229.85	1/4		1/4			
1/2	2,289.30	1/2	1,944.78	1/2	1,600.26	1/2	1,255.74	1/2	911.49	1/2	567.17	1/2	222.67	1/2		1/2			
3/4	2,282.13	3/4	1,937.61	3/4	1,593.09	3/4	1,248.57	3/4	904.33	3/4	560.00	3/4	215.49	3/4		3/4			
3	2,274.95	3	1,930.43	3	1,585.91	3	1,241.39	3	897.16	3	552.82	3	208.31	3		3			
1/4	2,267.77	1/4	1,923.25	1/4	1,578.73	1/4	1,234.21	1/4	890.00	1/4	545.64	1/4	201.14	1/4		1/4			
1/2	2,260.59	1/2	1,916.07	1/2	1,571.55	1/2	1,227.03	1/2	882.83	1/2	538.46	1/2	193.96	1/2		1/2			
3/4	2,253.42	3/4	1,908.90	3/4	1,564.38	3/4	1,219.86	3/4	875.67	3/4	531.29	3/4	186.78	3/4		3/4			
4	2,246.24	4	1,901.72	4	1,557.20	4	1,212.68	4	868.50	4	524.11	4	179.60	4		4			
1/4	2,239.06	1/4	1,894.54	1/4	1,550.02	1/4	1,205.50	1/4	861.34	1/4	516.93	1/4	172.43	1/4		1/4			
1/2	2,231.88	1/2	1,887.36	1/2	1,542.84	1/2	1,198.32	1/2	854.17	1/2	509.76	1/2	165.25	1/2		1/2			
3/4	2,224.71	3/4	1,880.19	3/4	1,535.67	3/4	1,191.15	3/4	847.01	3/4	502.58	3/4	158.07	3/4		3/4			
5	2,217.53	5	1,873.01	5	1,528.49	5	1,183.97	5	839.85	5	495.40	5	150.90	5		5			
1/4	2,210.35	1/4	1,865.83	1/4	1,521.31	1/4	1,176.79	1/4	832.68	1/4	488.22	1/4	143.72	1/4		1/4			
1/2	2,203.17	1/2	1,858.65	1/2	1,514.13	1/2	1,169.61	1/2	825.52	1/2	481.05	1/2	136.54	1/2		1/2			
3/4	2,196.00	3/4	1,851.48	3/4	1,506.96	3/4	1,162.44	3/4	818.35	3/4	473.87	3/4	129.37	3/4		3/4			
6	2,188.82	6	1,844.30	6	1,499.78	6	1,155.26	6	811.18	6	466.69	6	122.20	6		6			
1/4	2,181.64	1/4	1,837.12	1/4	1,492.60	1/4	1,148.08	1/4	804.01	1/4	459.52	1/4	115.02	1/4		1/4			
1/2	2,174.46	1/2	1,829.94	1/2	1,485.42	1/2	1,140.90	1/2	796.84	1/2	452.34	1/2	107.85	1/2		1/2			
3/4	2,167.29	3/4	1,822.77	3/4	1,478.25	3/4	1,133.73	3/4	789.67	3/4	445.16	3/4	100.68	3/4		3/4			
7	2,160.11	7	1,815.59	7	1,471.07	7	1,126.55	7	782.49	7	437.98	7	93.53	7		7			
1/4	2,152.93	1/4	1,808.41	1/4	1,463.89	1/4	1,119.37	1/4	775.31	1/4	430.81	1/4	86.37	1/4		1/4			
1/2	2,145.75	1/2	1,801.23	1/2	1,456.71	1/2	1,112.19	1/2	768.14	1/2	423.63	1/2	79.22	1/2		1/2			
3/4	2,138.58	3/4	1,794.06	3/4	1,449.54	3/4	1,105.02	3/4	760.96	3/4	416.45	3/4	72.06	3/4		3/4			
8	2,131.40	8	1,786.88	8	1,442.36	8	1,097.84	8	753.78	8	409.28	8	65.35	8		8			
1/4	2,124.22	1/4	1,779.70	1/4	1,435.18	1/4	1,090.67	1/4	746.60	1/4	402.10	1/4	58.64	1/4		1/4			
1/2	2,117.04	1/2	1,772.52	1/2	1,428.00	1/2	1,083.49	1/2	739.43	1/2	394.92	1/2	51.93	1/2		1/2			
3/4	2,109.87	3/4	1,765.35	3/4	1,420.83	3/4	1,076.32	3/4	732.25	3/4	387.74	3/4	45.22	3/4		3/4			
9	2,102.69	9	1,758.17	9	1,413.65	9	1,069.15	9	725.07	9	380.57	9	39.84	9		9			
1/4	2,095.51	1/4	1,750.99	1/4	1,406.47	1/4	1,061.97	1/4	717.89	1/4	373.39	1/4	34.46	1/4		1/4			
1/2	2,088.33	1/2	1,743.81	1/2	1,399.29	1/2	1,054.80	1/2	710.72	1/2	366.21	1/2	29.07	1/2		1/2			
3/4	2,081.16	3/4	1,736.64	3/4	1,392.12	3/4	1,047.63	3/4	703.54	3/4	359.03	3/4	23.69	3/4		3/4			
10	2,073.98	10	1,729.46	10	1,384.94	10	1,040.46	10	696.36	10	351.86	10		10		10			
1/4	2,066.80	1/4	1,722.28	1/4	1,377.76	1/4	1,033.29	1/4	689.19	1/4	344.68	1/4		1/4		1/4			
1/2	2,059.62	1/2	1,715.10	1/2	1,370.58	1/2	1,026.13	1/2	682.01	1/2	337.50	1/2		1/2		1/2			
3/4	2,052.45	3/4	1,707.93	3/4	1,363.41	3/4	1,018.96	3/4	674.83	3/4	330.33	3/4		3/4		3/4			
11	2,045.27	11	1,700.75	11	1,356.23	11	1,011.79	11	667.65	11	323.15	11		11		11			
1/4	2,038.09	1/4	1,693.57	1/4	1,349.05	1/4	1,004.63	1/4	660.48	1/4	315.97	1/4		1/4		1/4			
1/2	2,030.91	1/2	1,686.39	1/2	1,341.87	1/2	997.46	1/2	653.30	1/2	308.79	1/2		1/2		1/2			
3/4	2,023.74	3/4	1,679.22	3/4	1,334.70	3/4	990.30	3/4	646.12	3/4	301.62	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29089"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,467.13	0	2,105.40	0	1,742.65	0	1,378.45	0	1,019.78	0	660.77	0	296.41	0		0			
1/4	2,459.59	1/4	2,097.87	1/4	1,735.06	1/4	1,370.86	1/4	1,012.43	1/4	653.18	1/4	288.82	1/4		1/4			
1/2	2,452.04	1/2	2,090.35	1/2	1,727.47	1/2	1,363.28	1/2	1,005.07	1/2	645.59	1/2	281.23	1/2		1/2			
3/4	2,444.49	3/4	2,082.82	3/4	1,719.88	3/4	1,355.69	3/4	997.71	3/4	637.99	3/4	273.64	3/4		3/4			
1	2,436.94	1	2,075.30	1	1,712.30	1	1,348.10	1	990.35	1	630.40	1	266.04	1		1			
1/4	2,429.39	1/4	2,067.77	1/4	1,704.71	1/4	1,340.51	1/4	983.00	1/4	622.81	1/4	258.45	1/4		1/4			
1/2	2,421.84	1/2	2,060.25	1/2	1,697.12	1/2	1,332.93	1/2	975.64	1/2	615.22	1/2	250.86	1/2		1/2			
3/4	2,414.29	3/4	2,052.72	3/4	1,689.53	3/4	1,325.34	3/4	968.28	3/4	607.63	3/4	243.27	3/4		3/4			
2	2,406.74	2	2,045.20	2	1,681.95	2	1,317.75	2	960.92	2	600.04	2	235.68	2		2			
1/4	2,399.19	1/4	2,037.68	1/4	1,674.36	1/4	1,310.16	1/4	953.57	1/4	592.45	1/4	228.09	1/4		1/4			
1/2	2,391.65	1/2	2,030.15	1/2	1,666.77	1/2	1,302.58	1/2	946.21	1/2	584.85	1/2	220.50	1/2		1/2			
3/4	2,384.10	3/4	2,022.63	3/4	1,659.18	3/4	1,294.99	3/4	938.85	3/4	577.26	3/4	212.91	3/4		3/4			
3	2,376.55	3	2,015.10	3	1,651.60	3	1,287.40	3	931.49	3	569.67	3	205.32	3		3			
1/4	2,369.00	1/4	2,007.58	1/4	1,644.01	1/4	1,279.81	1/4	924.14	1/4	562.08	1/4	197.72	1/4		1/4			
1/2	2,361.45	1/2	2,000.05	1/2	1,636.42	1/2	1,272.23	1/2	916.78	1/2	554.49	1/2	190.13	1/2		1/2			
3/4	2,353.90	3/4	1,992.53	3/4	1,628.83	3/4	1,264.64	3/4	909.42	3/4	546.90	3/4	182.54	3/4		3/4			
4	2,346.35	4	1,985.00	4	1,621.25	4	1,257.05	4	902.06	4	539.30	4	174.95	4		4			
1/4	2,338.80	1/4	1,977.48	1/4	1,613.66	1/4	1,249.46	1/4	894.71	1/4	531.71	1/4	167.36	1/4		1/4			
1/2	2,331.25	1/2	1,969.96	1/2	1,606.07	1/2	1,241.88	1/2	887.35	1/2	524.12	1/2	159.76	1/2		1/2			
3/4	2,323.71	3/4	1,962.43	3/4	1,598.48	3/4	1,234.29	3/4	879.99	3/4	516.53	3/4	152.17	3/4		3/4			
5	2,316.16	5	1,954.91	5	1,590.90	5	1,226.70	5	872.63	5	508.94	5	144.58	5		5			
1/4	2,308.61	1/4	1,947.38	1/4	1,583.31	1/4	1,219.11	1/4	865.27	1/4	501.35	1/4	136.99	1/4		1/4			
1/2	2,301.07	1/2	1,939.83	1/2	1,575.72	1/2	1,211.63	1/2	857.80	1/2	493.76	1/2	129.40	1/2		1/2			
3/4	2,293.53	3/4	1,932.27	3/4	1,568.13	3/4	1,204.15	3/4	850.33	3/4	486.16	3/4	121.81	3/4		3/4			
6	2,286.00	6	1,924.71	6	1,560.55	6	1,196.67	6	842.85	6	478.57	6	114.22	6		6			
1/4	2,278.46	1/4	1,917.16	1/4	1,552.96	1/4	1,189.19	1/4	835.38	1/4	470.98	1/4	106.63	1/4		1/4			
1/2	2,270.94	1/2	1,909.57	1/2	1,545.37	1/2	1,181.81	1/2	827.78	1/2	463.39	1/2	99.05	1/2		1/2			
3/4	2,263.41	3/4	1,901.98	3/4	1,537.79	3/4	1,174.43	3/4	820.19	3/4	455.80	3/4	91.47	3/4		3/4			
7	2,255.89	7	1,894.39	7	1,530.20	7	1,167.05	7	812.60	7	448.21	7	83.90	7		7			
1/4	2,248.36	1/4	1,886.81	1/4	1,522.61	1/4	1,159.68	1/4	805.01	1/4	440.62	1/4	76.32	1/4		1/4			
1/2	2,240.84	1/2	1,879.22	1/2	1,515.02	1/2	1,152.31	1/2	797.42	1/2	433.03	1/2	69.21	1/2		1/2			
3/4	2,233.31	3/4	1,871.63	3/4	1,507.44	3/4	1,144.94	3/4	789.83	3/4	425.44	3/4	62.10	3/4		3/4			
8	2,225.79	8	1,864.04	8	1,499.85	8	1,137.56	8	782.24	8	417.85	8	54.99	8		8			
1/4	2,218.26	1/4	1,856.46	1/4	1,492.26	1/4	1,130.19	1/4	774.64	1/4	410.26	1/4	47.88	1/4		1/4			
1/2	2,210.74	1/2	1,848.87	1/2	1,484.67	1/2	1,122.83	1/2	767.05	1/2	402.67	1/2	42.18	1/2		1/2			
3/4	2,203.21	3/4	1,841.28	3/4	1,477.09	3/4	1,115.46	3/4	759.46	3/4	395.08	3/4	36.48	3/4		3/4			
9	2,195.69	9	1,833.69	9	1,469.50	9	1,108.10	9	751.87	9	387.49	9	30.78	9		9			
1/4	2,188.17	1/4	1,826.11	1/4	1,461.91	1/4	1,100.73	1/4	744.28	1/4	379.90	1/4	25.08	1/4		1/4			
1/2	2,180.64	1/2	1,818.52	1/2	1,454.32	1/2	1,093.37	1/2	736.69	1/2	372.31	1/2		1/2		1/2			
3/4	2,173.12	3/4	1,810.93	3/4	1,446.74	3/4	1,086.01	3/4	729.09	3/4	364.72	3/4		3/4		3/4			
10	2,165.59	10	1,803.34	10	1,439.15	10	1,078.65	10	721.50	10	357.13	10		10		10			
1/4	2,158.07	1/4	1,795.76	1/4	1,431.56	1/4	1,071.29	1/4	713.91	1/4	349.54	1/4		1/4		1/4			
1/2	2,150.54	1/2	1,788.17	1/2	1,423.97	1/2	1,063.93	1/2	706.32	1/2	341.95	1/2		1/2		1/2			
3/4	2,143.02	3/4	1,780.58	3/4	1,416.39	3/4	1,056.57	3/4	698.73	3/4	334.36	3/4		3/4		3/4			
11	2,135.49	11	1,772.99	11	1,408.80	11	1,049.21	11	691.14	11	326.77	11		11		11			
1/4	2,127.97	1/4	1,765.41	1/4	1,401.21	1/4	1,041.86	1/4	683.54	1/4	319.18	1/4		1/4		1/4			
1/2	2,120.45	1/2	1,757.82	1/2	1,393.62	1/2	1,034.50	1/2	675.95	1/2	311.59	1/2		1/2		1/2			
3/4	2,112.92	3/4	1,750.23	3/4	1,386.04	3/4	1,027.14	3/4	668.36	3/4	304.00	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29089"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
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BARGE "KIRBY 29089"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 317"

GAUGE HEIGHT 16'-09"

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	2,478.36	0	2,113.39	0	1,748.42	0	1,383.44	0	1,018.69	0	654.05	0	289.09	0		0			
1/4	2,470.76	1/4	2,105.79	1/4	1,740.81	1/4	1,375.84	1/4	1,011.10	1/4	646.45	1/4	281.49	1/4		1/4			
1/2	2,463.15	1/2	2,098.18	1/2	1,733.21	1/2	1,368.24	1/2	1,003.51	1/2	638.84	1/2	273.89	1/2		1/2			
3/4	2,455.55	3/4	2,090.58	3/4	1,725.61	3/4	1,360.63	3/4	995.92	3/4	631.24	3/4	266.28	3/4		3/4			
1	2,447.95	1	2,082.97	1	1,718.00	1	1,353.03	1	988.33	1	623.64	1	258.68	1		1			
1/4	2,440.34	1/4	2,075.37	1/4	1,710.40	1/4	1,345.43	1/4	980.75	1/4	616.04	1/4	251.08	1/4		1/4			
1/2	2,432.74	1/2	2,067.77	1/2	1,702.79	1/2	1,337.82	1/2	973.16	1/2	608.43	1/2	243.47	1/2		1/2			
3/4	2,425.14	3/4	2,060.16	3/4	1,695.19	3/4	1,330.22	3/4	965.57	3/4	600.83	3/4	235.87	3/4		3/4			
2	2,417.53	2	2,052.56	2	1,687.59	2	1,322.61	2	957.98	2	593.23	2	228.27	2		2			
1/4	2,409.93	1/4	2,044.96	1/4	1,679.98	1/4	1,315.01	1/4	950.39	1/4	585.62	1/4	220.66	1/4		1/4			
1/2	2,402.33	1/2	2,037.35	1/2	1,672.38	1/2	1,307.41	1/2	942.80	1/2	578.02	1/2	213.06	1/2		1/2			
3/4	2,394.72	3/4	2,029.75	3/4	1,664.78	3/4	1,299.80	3/4	935.22	3/4	570.42	3/4	205.46	3/4		3/4			
3	2,387.12	3	2,022.15	3	1,657.17	3	1,292.20	3	927.63	3	562.81	3	197.85	3		3			
1/4	2,379.52	1/4	2,014.54	1/4	1,649.57	1/4	1,284.60	1/4	920.04	1/4	555.21	1/4	190.25	1/4		1/4			
1/2	2,371.91	1/2	2,006.94	1/2	1,641.97	1/2	1,276.99	1/2	912.45	1/2	547.61	1/2	182.65	1/2		1/2			
3/4	2,364.31	3/4	1,999.34	3/4	1,634.36	3/4	1,269.39	3/4	904.86	3/4	540.00	3/4	175.04	3/4		3/4			
4	2,356.70	4	1,991.73	4	1,626.76	4	1,261.79	4	897.27	4	532.40	4	167.44	4		4			
1/4	2,349.10	1/4	1,984.13	1/4	1,619.16	1/4	1,254.18	1/4	889.69	1/4	524.80	1/4	159.84	1/4		1/4			
1/2	2,341.50	1/2	1,976.52	1/2	1,611.55	1/2	1,246.58	1/2	882.10	1/2	517.19	1/2	152.23	1/2		1/2			
3/4	2,333.89	3/4	1,968.92	3/4	1,603.95	3/4	1,238.98	3/4	874.51	3/4	509.59	3/4	144.63	3/4		3/4			
5	2,326.29	5	1,961.32	5	1,596.34	5	1,231.37	5	866.92	5	501.99	5	137.03	5		5			
1/4	2,318.69	1/4	1,953.71	1/4	1,588.74	1/4	1,223.77	1/4	859.32	1/4	494.38	1/4	129.43	1/4		1/4			
1/2	2,311.08	1/2	1,946.11	1/2	1,581.14	1/2	1,216.16	1/2	851.73	1/2	486.78	1/2	121.83	1/2		1/2			
3/4	2,303.48	3/4	1,938.51	3/4	1,573.53	3/4	1,208.56	3/4	844.13	3/4	479.18	3/4	114.24	3/4		3/4			
6	2,295.88	6	1,930.90	6	1,565.93	6	1,200.96	6	836.53	6	471.57	6	106.64	6		6			
1/4	2,288.27	1/4	1,923.30	1/4	1,558.33	1/4	1,193.35	1/4	828.93	1/4	463.97	1/4	99.06	1/4		1/4			
1/2	2,280.67	1/2	1,915.70	1/2	1,550.72	1/2	1,185.75	1/2	821.32	1/2	456.37	1/2	91.48	1/2		1/2			
3/4	2,273.06	3/4	1,908.09	3/4	1,543.12	3/4	1,178.15	3/4	813.72	3/4	448.76	3/4	83.90	3/4		3/4			
7	2,265.46	7	1,900.49	7	1,535.52	7	1,170.54	7	806.12	7	441.16	7	76.32	7		7			
1/4	2,257.86	1/4	1,892.88	1/4	1,527.91	1/4	1,162.94	1/4	798.51	1/4	433.56	1/4	69.21	1/4		1/4			
1/2	2,250.25	1/2	1,885.28	1/2	1,520.31	1/2	1,155.34	1/2	790.91	1/2	425.95	1/2	62.10	1/2		1/2			
3/4	2,242.65	3/4	1,877.68	3/4	1,512.70	3/4	1,147.74	3/4	783.31	3/4	418.35	3/4	55.00	3/4		3/4			
8	2,235.05	8	1,870.07	8	1,505.10	8	1,140.14	8	775.70	8	410.75	8	47.89	8		8			
1/4	2,227.44	1/4	1,862.47	1/4	1,497.50	1/4	1,132.55	1/4	768.10	1/4	403.14	1/4	42.18	1/4		1/4			
1/2	2,219.84	1/2	1,854.87	1/2	1,489.89	1/2	1,124.95	1/2	760.50	1/2	395.54	1/2	36.48	1/2		1/2			
3/4	2,212.24	3/4	1,847.26	3/4	1,482.29	3/4	1,117.36	3/4	752.89	3/4	387.94	3/4	30.78	3/4		3/4			
9	2,204.63	9	1,839.66	9	1,474.69	9	1,109.76	9	745.29	9	380.33	9	25.08	9		9			
1/4	2,197.03	1/4	1,832.06	1/4	1,467.08	1/4	1,102.17	1/4	737.69	1/4	372.73	1/4		1/4		1/4			
1/2	2,189.43	1/2	1,824.45	1/2	1,459.48	1/2	1,094.58	1/2	730.08	1/2	365.13	1/2		1/2		1/2			
3/4	2,181.82	3/4	1,816.85	3/4	1,451.88	3/4	1,086.99	3/4	722.48	3/4	357.52	3/4		3/4		3/4			
10	2,174.22	10	1,809.25	10	1,444.27	10	1,079.39	10	714.88	10	349.92	10		10		10			
1/4	2,166.61	1/4	1,801.64	1/4	1,436.67	1/4	1,071.80	1/4	707.27	1/4	342.32	1/4		1/4		1/4			
1/2	2,159.01	1/2	1,794.04	1/2	1,429.07	1/2	1,064.22	1/2	699.67	1/2	334.71	1/2		1/2		1/2			
3/4	2,151.41	3/4	1,786.43	3/4	1,421.46	3/4	1,056.63	3/4	692.07	3/4	327.11	3/4		3/4		3/4			
11	2,143.80	11	1,778.83	11	1,413.86	11	1,049.04	11	684.46	11	319.51	11		11		11			
1/4	2,136.20	1/4	1,771.23	1/4	1,406.25	1/4	1,041.45	1/4	676.86	1/4	311.90	1/4		1/4		1/4			
1/2	2,128.60	1/2	1,763.62	1/2	1,398.65	1/2	1,033.86	1/2	669.26	1/2	304.30	1/2		1/2		1/2			
3/4	2,120.99	3/4	1,756.02	3/4	1,391.05	3/4	1,026.28	3/4	661.65	3/4	296.70	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 SW
NAME CHANGE: 10/13/2023 JS
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29089"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	1,086	0	2,171	0	3,202	0	4,101	0		0		0		0		0	
1/4	23	1/4	1,108	1/4	2,194	1/4	3,222	1/4	4,118	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,131	1/2	2,216	1/2	3,242	1/2	4,135	1/2		1/2		1/2		1/2		1/2	
3/4	68	3/4	1,153	3/4	2,239	3/4	3,262	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,176	1	2,262	1	3,282	1	4,170	1		1		1		1		1	
1/4	113	1/4	1,199	1/4	2,284	1/4	3,302	1/4	4,187	1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	1,221	1/2	2,307	1/2	3,322	1/2	4,204	1/2		1/2		1/2		1/2		1/2	
3/4	158	3/4	1,244	3/4	2,329	3/4	3,341	3/4	4,221	3/4		3/4		3/4		3/4		3/4	
2	181	2	1,267	2	2,352	2	3,361	2	4,238	2		2		2		2		2	
1/4	204	1/4	1,289	1/4	2,374	1/4	3,381	1/4	4,254	1/4		1/4		1/4		1/4		1/4	
1/2	226	1/2	1,312	1/2	2,396	1/2	3,400	1/2	4,271	1/2		1/2		1/2		1/2		1/2	
3/4	249	3/4	1,334	3/4	2,419	3/4	3,420	3/4	4,288	3/4		3/4		3/4		3/4		3/4	
3	271	3	1,357	3	2,441	3	3,439	3	4,305	3		3		3		3		3	
1/4	294	1/4	1,380	1/4	2,463	1/4	3,459	1/4	4,321	1/4		1/4		1/4		1/4		1/4	
1/2	317	1/2	1,402	1/2	2,485	1/2	3,478	1/2	4,338	1/2		1/2		1/2		1/2		1/2	
3/4	339	3/4	1,425	3/4	2,507	3/4	3,497	3/4	4,354	3/4		3/4		3/4		3/4		3/4	
4	362	4	1,447	4	2,529	4	3,516	4	4,371	4		4		4		4		4	
1/4	384	1/4	1,470	1/4	2,551	1/4	3,535	1/4	4,387	1/4		1/4		1/4		1/4		1/4	
1/2	407	1/2	1,493	1/2	2,573	1/2	3,555	1/2	4,403	1/2		1/2		1/2		1/2		1/2	
3/4	430	3/4	1,515	3/4	2,595	3/4	3,574	3/4	4,419	3/4		3/4		3/4		3/4		3/4	
5	452	5	1,538	5	2,617	5	3,593	5	4,436	5		5		5		5		5	
1/4	475	1/4	1,561	1/4	2,638	1/4	3,612	1/4	4,452	1/4		1/4		1/4		1/4		1/4	
1/2	498	1/2	1,583	1/2	2,660	1/2	3,630	1/2	4,468	1/2		1/2		1/2		1/2		1/2	
3/4	520	3/4	1,606	3/4	2,682	3/4	3,649	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
6	543	6	1,628	6	2,703	6	3,668	6	4,500	6		6		6		6		6	
1/4	565	1/4	1,651	1/4	2,725	1/4	3,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	588	1/2	1,674	1/2	2,746	1/2	3,705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	611	3/4	1,696	3/4	2,767	3/4	3,724	3/4		3/4		3/4		3/4		3/4		3/4	
7	633	7	1,719	7	2,789	7	3,742	7		7		7		7		7		7	
1/4	656	1/4	1,742	1/4	2,810	1/4	3,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	679	1/2	1,764	1/2	2,831	1/2	3,779	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	701	3/4	1,787	3/4	2,852	3/4	3,798	3/4		3/4		3/4		3/4		3/4		3/4	
8	724	8	1,809	8	2,874	8	3,816	8		8		8		8		8		8	
1/4	746	1/4	1,832	1/4	2,894	1/4	3,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	769	1/2	1,855	1/2	2,915	1/2	3,852	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	792	3/4	1,877	3/4	2,936	3/4	3,871	3/4		3/4		3/4		3/4		3/4		3/4	
9	814	9	1,900	9	2,957	9	3,889	9		9		9		9		9		9	
1/4	837	1/4	1,922	1/4	2,978	1/4	3,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	859	1/2	1,945	1/2	2,998	1/2	3,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	882	3/4	1,968	3/4	3,019	3/4	3,942	3/4		3/4		3/4		3/4		3/4		3/4	
10	905	10	1,990	10	3,040	10	3,960	10		10		10		10		10		10	
1/4	927	1/4	2,013	1/4	3,060	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	950	1/2	2,036	1/2	3,081	1/2	3,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	973	3/4	2,058	3/4	3,101	3/4	4,014	3/4		3/4		3/4		3/4		3/4		3/4	
11	995	11	2,081	11	3,121	11	4,031	11		11		11		11		11		11	
1/4	1,018	1/4	2,103	1/4	3,142	1/4	4,049	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,040	1/2	2,126	1/2	3,162	1/2	4,066	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,063	3/4	2,149	3/4	3,182	3/4	4,083	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.

STRAPPED: 10/13/2023 JS
CALCULATED: 10/13/2023 CL
PRINTED: 10/16/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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 29089"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	1,086	0	2,171	0	3,202	0	4,101	0		0		0		0		0	
1/4	23	1/4	1,108	1/4	2,194	1/4	3,222	1/4	4,118	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,131	1/2	2,216	1/2	3,242	1/2	4,135	1/2		1/2		1/2		1/2		1/2	
3/4	68	3/4	1,153	3/4	2,239	3/4	3,262	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,176	1	2,262	1	3,282	1	4,170	1		1		1		1		1	
1/4	113	1/4	1,199	1/4	2,284	1/4	3,302	1/4	4,187	1/4		1/4		1/4		1/4		1/4	
1/2	136	1/2	1,221	1/2	2,307	1/2	3,322	1/2	4,204	1/2		1/2		1/2		1/2		1/2	
3/4	158	3/4	1,244	3/4	2,329	3/4	3,341	3/4	4,221	3/4		3/4		3/4		3/4		3/4	
2	181	2	1,267	2	2,352	2	3,361	2	4,238	2		2		2		2		2	
1/4	204	1/4	1,289	1/4	2,374	1/4	3,381	1/4	4,254	1/4		1/4		1/4		1/4		1/4	
1/2	226	1/2	1,312	1/2	2,396	1/2	3,400	1/2	4,271	1/2		1/2		1/2		1/2		1/2	
3/4	249	3/4	1,334	3/4	2,419	3/4	3,420	3/4	4,288	3/4		3/4		3/4		3/4		3/4	
3	271	3	1,357	3	2,441	3	3,439	3	4,305	3		3		3		3		3	
1/4	294	1/4	1,380	1/4	2,463	1/4	3,459	1/4	4,321	1/4		1/4		1/4		1/4		1/4	
1/2	317	1/2	1,402	1/2	2,485	1/2	3,478	1/2	4,338	1/2		1/2		1/2		1/2		1/2	
3/4	339	3/4	1,425	3/4	2,507	3/4	3,497	3/4	4,354	3/4		3/4		3/4		3/4		3/4	
4	362	4	1,447	4	2,529	4	3,516	4	4,371	4		4		4		4		4	
1/4	384	1/4	1,470	1/4	2,551	1/4	3,535	1/4	4,387	1/4		1/4		1/4		1/4		1/4	
1/2	407	1/2	1,493	1/2	2,573	1/2	3,555	1/2	4,403	1/2		1/2		1/2		1/2		1/2	
3/4	430	3/4	1,515	3/4	2,595	3/4	3,574	3/4	4,419	3/4		3/4		3/4		3/4		3/4	
5	452	5	1,538	5	2,617	5	3,593	5	4,436	5		5		5		5		5	
1/4	475	1/4	1,561	1/4	2,638	1/4	3,612	1/4	4,452	1/4		1/4		1/4		1/4		1/4	
1/2	498	1/2	1,583	1/2	2,660	1/2	3,630	1/2	4,468	1/2		1/2		1/2		1/2		1/2	
3/4	520	3/4	1,606	3/4	2,682	3/4	3,649	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
6	543	6	1,628	6	2,703	6	3,668	6	4,500	6		6		6		6		6	
1/4	565	1/4	1,651	1/4	2,725	1/4	3,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	588	1/2	1,674	1/2	2,746	1/2	3,705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	611	3/4	1,696	3/4	2,767	3/4	3,724	3/4		3/4		3/4		3/4		3/4		3/4	
7	633	7	1,719	7	2,789	7	3,742	7		7		7		7		7		7	
1/4	656	1/4	1,742	1/4	2,810	1/4	3,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	679	1/2	1,764	1/2	2,831	1/2	3,779	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	701	3/4	1,787	3/4	2,852	3/4	3,798	3/4		3/4		3/4		3/4		3/4		3/4	
8	724	8	1,809	8	2,874	8	3,816	8		8		8		8		8		8	
1/4	746	1/4	1,832	1/4	2,894	1/4	3,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	769	1/2	1,855	1/2	2,915	1/2	3,852	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	792	3/4	1,877	3/4	2,936	3/4	3,871	3/4		3/4		3/4		3/4		3/4		3/4	
9	814	9	1,900	9	2,957	9	3,889	9		9		9		9		9		9	
1/4	837	1/4	1,922	1/4	2,978	1/4	3,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	859	1/2	1,945	1/2	2,998	1/2	3,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	882	3/4	1,968	3/4	3,019	3/4	3,942	3/4		3/4		3/4		3/4		3/4		3/4	
10	905	10	1,990	10	3,040	10	3,960	10		10		10		10		10		10	
1/4	927	1/4	2,013	1/4	3,060	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	950	1/2	2,036	1/2	3,081	1/2	3,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	973	3/4	2,058	3/4	3,101	3/4	4,014	3/4		3/4		3/4		3/4		3/4		3/4	
11	995	11	2,081	11	3,121	11	4,031	11		11		11		11		11		11	
1/4	1,018	1/4	2,103	1/4	3,142	1/4	4,049	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,040	1/2	2,126	1/2	3,162	1/2	4,066	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,063	3/4	2,149	3/4	3,182	3/4	4,083	3/4		3/4		3/4		3/4		3/4		3/4	

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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 29089"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	199	0	398	0	596	0	795	0		0		0		0		0	
1/4	4	1/4	203	1/4	402	1/4	601	1/4	799	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	207	1/2	406	1/2	605	1/2	804	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	211	3/4	410	3/4	609	3/4	808	3/4		3/4		3/4		3/4		3/4	
1	17	1	215	1	414	1	613	1	812	1		1		1		1		1	
1/4	21	1/4	220	1/4	418	1/4	617	1/4	816	1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	224	1/2	422	1/2	621	1/2	820	1/2		1/2		1/2		1/2		1/2	
3/4	29	3/4	228	3/4	427	3/4	625	3/4	824	3/4		3/4		3/4		3/4		3/4	
2	33	2	232	2	431	2	630	2	828	2		2		2		2		2	
1/4	37	1/4	236	1/4	435	1/4	634	1/4	833	1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	240	1/2	439	1/2	638	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	46	3/4	244	3/4	443	3/4	642	3/4	841	3/4		3/4		3/4		3/4		3/4	
3	50	3	249	3	447	3	646	3	845	3		3		3		3		3	
1/4	54	1/4	253	1/4	451	1/4	650	1/4	849	1/4		1/4		1/4		1/4		1/4	
1/2	58	1/2	257	1/2	456	1/2	654	1/2	853	1/2		1/2		1/2		1/2		1/2	
3/4	62	3/4	261	3/4	460	3/4	659	3/4	857	3/4		3/4		3/4		3/4		3/4	
4	66	4	265	4	464	4	663	4	862	4		4		4		4		4	
1/4	70	1/4	269	1/4	468	1/4	667	1/4	866	1/4		1/4		1/4		1/4		1/4	
1/2	75	1/2	273	1/2	472	1/2	671	1/2	870	1/2		1/2		1/2		1/2		1/2	
3/4	79	3/4	278	3/4	476	3/4	675	3/4	874	3/4		3/4		3/4		3/4		3/4	
5	83	5	282	5	480	5	679	5	878	5		5		5		5		5	
1/4	87	1/4	286	1/4	485	1/4	683	1/4	882	1/4		1/4		1/4		1/4		1/4	
1/2	91	1/2	290	1/2	489	1/2	688	1/2	886	1/2		1/2		1/2		1/2		1/2	
3/4	95	3/4	294	3/4	493	3/4	692	3/4	891	3/4		3/4		3/4		3/4		3/4	
6	99	6	298	6	497	6	696	6	895	6		6		6		6		6	
1/4	104	1/4	302	1/4	501	1/4	700	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108	1/2	307	1/2	505	1/2	704	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112	3/4	311	3/4	509	3/4	708	3/4		3/4		3/4		3/4		3/4		3/4	
7	116	7	315	7	514	7	712	7		7		7		7		7		7	
1/4	120	1/4	319	1/4	518	1/4	717	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124	1/2	323	1/2	522	1/2	721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128	3/4	327	3/4	526	3/4	725	3/4		3/4		3/4		3/4		3/4		3/4	
8	133	8	331	8	530	8	729	8		8		8		8		8		8	
1/4	137	1/4	336	1/4	534	1/4	733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141	1/2	340	1/2	538	1/2	737	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	145	3/4	344	3/4	543	3/4	741	3/4		3/4		3/4		3/4		3/4		3/4	
9	149	9	348	9	547	9	746	9		9		9		9		9		9	
1/4	153	1/4	352	1/4	551	1/4	750	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157	1/2	356	1/2	555	1/2	754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162	3/4	360	3/4	559	3/4	758	3/4		3/4		3/4		3/4		3/4		3/4	
10	166	10	364	10	563	10	762	10		10		10		10		10		10	
1/4	170	1/4	369	1/4	567	1/4	766	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	174	1/2	373	1/2	572	1/2	770	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	377	3/4	576	3/4	775	3/4		3/4		3/4		3/4		3/4		3/4	
11	182	11	381	11	580	11	779	11		11		11		11		11		11	
1/4	186	1/4	385	1/4	584	1/4	783	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191	1/2	389	1/2	588	1/2	787	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	195	3/4	393	3/4	592	3/4	791	3/4		3/4		3/4		3/4		3/4		3/4	

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