



BARGE "KIRBY 29084"

ULLAGE TRIM TABLE
FORMERLY "CTCO 254"

	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	- 00-3/8	00-3/8	- 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	- 00-3/8	00-3/8	- 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"

October 5, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29084"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

GAUGE HEIGHT 18'-03"

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	
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		
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		
1/2			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		
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		
1/2			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			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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		
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		
1/2			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		

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
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BARGE "KIRBY 29084"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

GAUGE HEIGHT 18'-03"

Table with columns IN, 10 FT., 11 FT., 12 FT., 13 FT., 14 FT., 15 FT., 16 FT., 17 FT., 18 FT., 19 FT. and rows for capacity measurements from 0 to 11 feet.

STRAPPED: 07/31/2013 SW
NAME CHANGE: 10/05/2023 JS
VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 29084"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

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	2,667.36	0	2,336.34	0	2,005.23	0	1,674.12	0	1,343.00	0	1,011.89	0	713.61	0	416.41	0	101.59	0	
1/4	2,660.47	1/4	2,329.45	1/4	1,998.33	1/4	1,667.22	1/4	1,336.10	1/4	1,004.99	1/4	707.92	1/4	410.02	1/4	94.89	1/4	
1/2	2,653.57	1/2	2,322.55	1/2	1,991.43	1/2	1,660.32	1/2	1,329.21	1/2	998.09	1/2	702.22	1/2	403.62	1/2	88.18	1/2	
3/4	2,646.68	3/4	2,315.65	3/4	1,984.54	3/4	1,653.42	3/4	1,322.31	3/4	991.29	3/4	696.40	3/4	397.20	3/4	81.62	3/4	
1	2,639.78	1	2,308.75	1	1,977.64	1	1,646.52	1	1,315.41	1	984.48	1	690.58	1	390.78	1	75.07	1	
1/4	2,632.89	1/4	2,301.85	1/4	1,970.74	1/4	1,639.63	1/4	1,308.51	1/4	977.67	1/4	684.75	1/4	384.35	1/4	68.52	1/4	
1/2	2,626.00	1/2	2,294.95	1/2	1,963.84	1/2	1,632.73	1/2	1,301.61	1/2	970.86	1/2	678.93	1/2	377.93	1/2	61.96	1/2	
3/4	2,619.10	3/4	2,288.06	3/4	1,956.94	3/4	1,625.83	3/4	1,294.72	3/4	964.33	3/4	672.81	3/4	371.48	3/4	56.22	3/4	
2	2,612.21	2	2,281.16	2	1,950.04	2	1,618.93	2	1,287.82	2	957.79	2	666.69	2	365.03	2	50.47	2	
1/4	2,605.32	1/4	2,274.26	1/4	1,943.15	1/4	1,612.03	1/4	1,280.92	1/4	951.25	1/4	660.58	1/4	358.58	1/4	44.73	1/4	
1/2	2,598.42	1/2	2,267.36	1/2	1,936.25	1/2	1,605.13	1/2	1,274.02	1/2	944.72	1/2	654.46	1/2	352.13	1/2	38.99	1/2	
3/4	2,591.53	3/4	2,260.46	3/4	1,929.35	3/4	1,598.24	3/4	1,267.12	3/4	938.19	3/4	648.31	3/4	345.66	3/4	34.59	3/4	
3	2,584.64	3	2,253.57	3	1,922.45	3	1,591.34	3	1,260.22	3	931.66	3	642.16	3	339.19	3	30.20	3	
1/4	2,577.74	1/4	2,246.67	1/4	1,915.55	1/4	1,584.44	1/4	1,253.33	1/4	925.13	1/4	636.02	1/4	332.71	1/4	25.81	1/4	
1/2	2,570.85	1/2	2,239.77	1/2	1,908.66	1/2	1,577.54	1/2	1,246.43	1/2	918.60	1/2	629.87	1/2	326.24	1/2	21.42	1/2	
3/4	2,563.96	3/4	2,232.87	3/4	1,901.76	3/4	1,570.64	3/4	1,239.53	3/4	912.07	3/4	623.69	3/4	319.74	3/4		3/4	
4	2,557.06	4	2,225.97	4	1,894.86	4	1,563.75	4	1,232.63	4	905.54	4	617.52	4	313.23	4		4	
1/4	2,550.17	1/4	2,219.07	1/4	1,887.96	1/4	1,556.85	1/4	1,225.73	1/4	899.01	1/4	611.35	1/4	306.73	1/4		1/4	
1/2	2,543.28	1/2	2,212.18	1/2	1,881.06	1/2	1,549.95	1/2	1,218.84	1/2	892.47	1/2	605.17	1/2	300.23	1/2		1/2	
3/4	2,536.38	3/4	2,205.28	3/4	1,874.16	3/4	1,543.05	3/4	1,211.94	3/4	885.94	3/4	598.97	3/4	293.69	3/4		3/4	
5	2,529.49	5	2,198.38	5	1,867.27	5	1,536.15	5	1,205.04	5	879.41	5	592.77	5	287.16	5		5	
1/4	2,522.59	1/4	2,191.48	1/4	1,860.37	1/4	1,529.25	1/4	1,198.14	1/4	872.88	1/4	586.57	1/4	280.63	1/4		1/4	
1/2	2,515.70	1/2	2,184.58	1/2	1,853.47	1/2	1,522.36	1/2	1,191.24	1/2	866.35	1/2	580.36	1/2	274.10	1/2		1/2	
3/4	2,508.80	3/4	2,177.69	3/4	1,846.57	3/4	1,515.46	3/4	1,184.34	3/4	859.82	3/4	574.13	3/4	267.54	3/4		3/4	
6	2,501.90	6	2,170.79	6	1,839.67	6	1,508.56	6	1,177.45	6	853.29	6	567.90	6	260.98	6		6	
1/4	2,495.00	1/4	2,163.89	1/4	1,832.78	1/4	1,501.66	1/4	1,170.55	1/4	846.76	1/4	561.67	1/4	254.42	1/4		1/4	
1/2	2,488.10	1/2	2,156.99	1/2	1,825.88	1/2	1,494.76	1/2	1,163.65	1/2	840.23	1/2	555.45	1/2	247.86	1/2		1/2	
3/4	2,481.21	3/4	2,150.09	3/4	1,818.98	3/4	1,487.87	3/4	1,156.75	3/4	833.94	3/4	549.19	3/4	241.27	3/4		3/4	
7	2,474.31	7	2,143.19	7	1,812.08	7	1,480.97	7	1,149.85	7	827.64	7	542.93	7	234.68	7		7	
1/4	2,467.41	1/4	2,136.30	1/4	1,805.18	1/4	1,474.07	1/4	1,142.96	1/4	821.35	1/4	536.67	1/4	228.09	1/4		1/4	
1/2	2,460.51	1/2	2,129.40	1/2	1,798.28	1/2	1,467.17	1/2	1,136.06	1/2	815.06	1/2	530.42	1/2	221.50	1/2		1/2	
3/4	2,453.61	3/4	2,122.50	3/4	1,791.39	3/4	1,460.27	3/4	1,129.16	3/4	809.47	3/4	524.13	3/4	214.89	3/4		3/4	
8	2,446.72	8	2,115.60	8	1,784.49	8	1,453.37	8	1,122.26	8	803.88	8	517.85	8	208.27	8		8	
1/4	2,439.82	1/4	2,108.70	1/4	1,777.59	1/4	1,446.48	1/4	1,115.36	1/4	798.30	1/4	511.56	1/4	201.66	1/4		1/4	
1/2	2,432.92	1/2	2,101.81	1/2	1,770.69	1/2	1,439.58	1/2	1,108.46	1/2	792.71	1/2	505.28	1/2	195.04	1/2		1/2	
3/4	2,426.02	3/4	2,094.91	3/4	1,763.79	3/4	1,432.68	3/4	1,101.57	3/4	787.10	3/4	498.97	3/4	188.40	3/4		3/4	
9	2,419.12	9	2,088.01	9	1,756.90	9	1,425.78	9	1,094.67	9	781.48	9	492.65	9	181.76	9		9	
1/4	2,412.22	1/4	2,081.11	1/4	1,750.00	1/4	1,418.88	1/4	1,087.77	1/4	775.87	1/4	486.34	1/4	175.11	1/4		1/4	
1/2	2,405.33	1/2	2,074.21	1/2	1,743.10	1/2	1,411.99	1/2	1,080.87	1/2	770.26	1/2	480.03	1/2	168.47	1/2		1/2	
3/4	2,398.43	3/4	2,067.31	3/4	1,736.20	3/4	1,405.09	3/4	1,073.97	3/4	764.61	3/4	473.69	3/4	161.80	3/4		3/4	
10	2,391.53	10	2,060.42	10	1,729.30	10	1,398.19	10	1,067.08	10	758.97	10	467.35	10	155.13	10		10	
1/4	2,384.63	1/4	2,053.52	1/4	1,722.40	1/4	1,391.29	1/4	1,060.18	1/4	753.33	1/4	461.01	1/4	148.46	1/4		1/4	
1/2	2,377.73	1/2	2,046.62	1/2	1,715.51	1/2	1,384.39	1/2	1,053.28	1/2	747.69	1/2	454.67	1/2	141.79	1/2		1/2	
3/4	2,370.83	3/4	2,039.72	3/4	1,708.61	3/4	1,377.49	3/4	1,046.38	3/4	742.02	3/4	448.30	3/4	135.10	3/4		3/4	
11	2,363.94	11	2,032.82	11	1,701.71	11	1,370.60	11	1,039.48	11	736.35	11	441.94	11	128.40	11		11	
1/4	2,357.04	1/4	2,025.92	1/4	1,694.81	1/4	1,363.70	1/4	1,032.58	1/4	730.68	1/4	435.57	1/4	121.71	1/4		1/4	
1/2	2,350.14	1/2	2,019.03	1/2	1,687.91	1/2	1,356.80	1/2	1,025.69	1/2	725.01	1/2	429.20	1/2	115.01	1/2		1/2	
3/4	2,343.24	3/4	2,012.13	3/4	1,681.01	3/4	1,349.90	3/4	1,018.79	3/4	719.31	3/4	422.81	3/4	108.30	3/4		3/4	

STRAPPED: 07/31/2013 SW
 NAME CHANGE: 10/05/2023 JS
 VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 29084"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

GAUGE HEIGHT 18'-03 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	4,441.25	0	4,263.38	0	4,073.13	0	3,872.72	0	3,670.82	0	3,397.26	0	3,067.96
1/4		1/4		1/4		1/4	4,437.70	1/4	4,259.55	1/4	4,069.04	1/4	3,868.52	1/4	3,666.61	1/4	3,390.40	1/4	3,061.10
1/2		1/2		1/2		1/2	4,434.14	1/2	4,255.73	1/2	4,064.95	1/2	3,864.31	1/2	3,662.41	1/2	3,383.54	1/2	3,054.24
3/4		3/4		3/4		3/4	4,430.53	3/4	4,251.89	3/4	4,060.85	3/4	3,860.10	3/4	3,658.20	3/4	3,376.68	3/4	3,047.38
1		1		1		1	4,426.92	1	4,248.05	1	4,056.74	1	3,855.90	1	3,653.99	1	3,369.82	1	3,040.52
1/4		1/4		1/4		1/4	4,423.31	1/4	4,244.21	1/4	4,052.63	1/4	3,851.69	1/4	3,649.79	1/4	3,362.95	1/4	3,033.66
1/2		1/2		1/2		1/2	4,419.69	1/2	4,240.37	1/2	4,048.52	1/2	3,847.48	1/2	3,645.58	1/2	3,356.09	1/2	3,026.80
3/4		3/4		3/4		3/4	4,416.06	3/4	4,236.51	3/4	4,044.40	3/4	3,843.28	3/4	3,641.38	3/4	3,349.23	3/4	3,019.93
2		2		2		2	4,412.43	2	4,232.66	2	4,040.27	2	3,839.07	2	3,637.17	2	3,342.37	2	3,013.07
1/4		1/4		1/4		1/4	4,408.80	1/4	4,228.80	1/4	4,036.15	1/4	3,834.87	1/4	3,632.96	1/4	3,335.51	1/4	3,006.21
1/2		1/2		1/2		1/2	4,405.17	1/2	4,224.94	1/2	4,032.02	1/2	3,830.66	1/2	3,628.76	1/2	3,328.65	1/2	2,999.35
3/4		3/4		3/4		3/4	4,401.52	3/4	4,221.05	3/4	4,027.88	3/4	3,826.45	3/4	3,624.55	3/4	3,321.79	3/4	2,992.49
3		3		3		3	4,397.87	3	4,217.16	3	4,023.73	3	3,822.25	3	3,620.34	3	3,314.93	3	2,985.63
1/4		1/4		1/4		1/4	4,394.21	1/4	4,213.27	1/4	4,019.59	1/4	3,818.04	1/4	3,616.14	1/4	3,308.07	1/4	2,978.77
1/2		1/2		1/2		1/2	4,390.56	1/2	4,209.39	1/2	4,015.44	1/2	3,813.83	1/2	3,611.93	1/2	3,301.21	1/2	2,971.91
3/4		3/4		3/4		3/4	4,386.89	3/4	4,205.45	3/4	4,011.28	3/4	3,809.63	3/4	3,607.73	3/4	3,294.35	3/4	2,965.05
4		4		4		4	4,383.23	4	4,201.51	4	4,007.12	4	3,805.42	4	3,603.52	4	3,287.49	4	2,958.19
1/4		1/4		1/4		1/4	4,379.56	1/4	4,197.58	1/4	4,002.95	1/4	3,801.22	1/4	3,599.31	1/4	3,280.63	1/4	2,951.33
1/2		1/2		1/2		1/2	4,375.89	1/2	4,193.64	1/2	3,998.79	1/2	3,797.01	1/2	3,595.11	1/2	3,273.77	1/2	2,944.47
3/4		3/4		3/4		3/4	4,372.20	3/4	4,189.69	3/4	3,994.61	3/4	3,792.80	3/4	3,590.37	3/4	3,266.91	3/4	2,937.61
5		5		5		5	4,368.51	5	4,185.73	5	3,990.42	5	3,788.60	5	3,585.63	5	3,260.05	5	2,930.75
1/4		1/4		1/4		1/4	4,364.82	1/4	4,181.78	1/4	3,986.24	1/4	3,784.39	1/4	3,580.90	1/4	3,253.19	1/4	2,923.89
1/2		1/2		1/2		1/2	4,361.13	1/2	4,177.82	1/2	3,982.06	1/2	3,780.18	1/2	3,575.63	1/2	3,246.33	1/2	2,917.03
3/4		3/4		3/4		3/4	4,357.42	3/4	4,173.85	3/4	3,977.86	3/4	3,775.98	3/4	3,568.77	3/4	3,239.47	3/4	2,910.17
6		6		6		6	4,353.72	6	4,169.87	6	3,973.66	6	3,771.77	6	3,561.91	6	3,232.61	6	2,903.31
1/4		1/4		1/4		1/4	4,350.01	1/4	4,165.90	1/4	3,969.46	1/4	3,767.56	1/4	3,555.05	1/4	3,225.75	1/4	2,896.45
1/2		1/2		1/2		1/2	4,346.30	1/2	4,161.92	1/2	3,965.26	1/2	3,763.36	1/2	3,548.19	1/2	3,218.89	1/2	2,889.59
3/4		3/4		3/4		3/4	4,342.58	3/4	4,157.93	3/4	3,961.05	3/4	3,759.15	3/4	3,541.33	3/4	3,212.03	3/4	2,882.73
7		7		7	4,506.69	7	4,338.85	7	4,153.94	7	3,956.85	7	3,754.95	7	3,534.46	7	3,205.17	7	2,875.87
1/4		1/4		1/4	4,504.43	1/4	4,335.12	1/4	4,149.94	1/4	3,952.64	1/4	3,750.74	1/4	3,527.60	1/4	3,198.31	1/4	2,869.01
1/2		1/2		1/2	4,502.16	1/2	4,331.40	1/2	4,145.95	1/2	3,948.44	1/2	3,746.53	1/2	3,520.74	1/2	3,191.44	1/2	2,862.15
3/4		3/4		3/4	4,499.22	3/4	4,327.65	3/4	4,141.94	3/4	3,944.23	3/4	3,742.33	3/4	3,513.88	3/4	3,184.58	3/4	2,855.29
8		8		8	4,496.27	8	4,323.91	8	4,137.93	8	3,940.02	8	3,738.12	8	3,507.02	8	3,177.72	8	2,848.42
1/4		1/4		1/4	4,493.32	1/4	4,320.16	1/4	4,133.91	1/4	3,935.82	1/4	3,733.91	1/4	3,500.16	1/4	3,170.86	1/4	2,841.56
1/2		1/2		1/2	4,490.37	1/2	4,316.42	1/2	4,129.90	1/2	3,931.61	1/2	3,729.71	1/2	3,493.30	1/2	3,164.00	1/2	2,834.70
3/4		3/4		3/4	4,486.89	3/4	4,312.65	3/4	4,125.87	3/4	3,927.40	3/4	3,725.50	3/4	3,486.44	3/4	3,157.14	3/4	2,827.84
9		9		9	4,483.40	9	4,308.89	9	4,121.84	9	3,923.20	9	3,721.30	9	3,479.58	9	3,150.28	9	2,820.98
1/4		1/4		1/4	4,479.92	1/4	4,305.12	1/4	4,117.81	1/4	3,918.99	1/4	3,717.09	1/4	3,472.72	1/4	3,143.42	1/4	2,814.12
1/2		1/2		1/2	4,476.44	1/2	4,301.36	1/2	4,113.78	1/2	3,914.79	1/2	3,712.88	1/2	3,465.86	1/2	3,136.56	1/2	2,807.26
3/4		3/4		3/4	4,472.93	3/4	4,297.58	3/4	4,109.73	3/4	3,910.58	3/4	3,708.68	3/4	3,459.00	3/4	3,129.70	3/4	2,800.40
10		10		10	4,469.43	10	4,293.79	10	4,105.68	10	3,906.37	10	3,704.47	10	3,452.14	10	3,122.84	10	2,793.54
1/4		1/4		1/4	4,465.93	1/4	4,290.01	1/4	4,101.63	1/4	3,902.17	1/4	3,700.26	1/4	3,445.28	1/4	3,115.98	1/4	2,786.68
1/2		1/2		1/2	4,462.43	1/2	4,286.23	1/2	4,097.58	1/2	3,897.96	1/2	3,696.06	1/2	3,438.42	1/2	3,109.12	1/2	2,779.82
3/4		3/4		3/4	4,458.91	3/4	4,282.42	3/4	4,093.51	3/4	3,893.75	3/4	3,691.85	3/4	3,431.56	3/4	3,102.26	3/4	2,772.96
11		11		11	4,455.39	11	4,278.62	11	4,089.44	11	3,889.55	11	3,687.65	11	3,424.70	11	3,095.40	11	2,766.10
1/4		1/4		1/4	4,451.87	1/4	4,274.82	1/4	4,085.37	1/4	3,885.34	1/4	3,683.44	1/4	3,417.84	1/4	3,088.54	1/4	2,759.24
1/2		1/2		1/2	4,448.35	1/2	4,271.02	1/2	4,081.30	1/2	3,881.14	1/2	3,679.23	1/2	3,410.98	1/2	3,081.68	1/2	2,752.38
3/4		3/4		3/4	4,444.80	3/4	4,267.20	3/4	4,077.22	3/4	3,876.93	3/4	3,675.03	3/4	3,404.12	3/4	3,074.82	3/4	2,745.52

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 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29084"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

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	2,738.66	0	2,409.24	0	2,079.72	0	1,750.30	0	1,420.78	0	1,091.26	0	762.20	0	432.71	0	103.28	0	
1/4	2,731.80	1/4	2,402.37	1/4	2,072.86	1/4	1,743.44	1/4	1,413.92	1/4	1,084.40	1/4	755.34	1/4	425.85	1/4	96.43	1/4	
1/2	2,724.94	1/2	2,395.51	1/2	2,066.00	1/2	1,736.57	1/2	1,407.05	1/2	1,077.53	1/2	748.49	1/2	418.98	1/2	89.58	1/2	
3/4	2,718.08	3/4	2,388.64	3/4	2,059.14	3/4	1,729.71	3/4	1,400.19	3/4	1,070.67	3/4	741.62	3/4	412.12	3/4	82.92	3/4	
1	2,711.22	1	2,381.78	1	2,052.28	1	1,722.84	1	1,393.32	1	1,063.80	1	734.76	1	405.25	1	76.25	1	
1/4	2,704.36	1/4	2,374.91	1/4	2,045.42	1/4	1,715.98	1/4	1,386.46	1/4	1,056.94	1/4	727.89	1/4	398.39	1/4	69.59	1/4	
1/2	2,697.50	1/2	2,368.05	1/2	2,038.55	1/2	1,709.11	1/2	1,379.59	1/2	1,050.07	1/2	721.03	1/2	391.52	1/2	62.92	1/2	
3/4	2,690.64	3/4	2,361.18	3/4	2,031.69	3/4	1,702.25	3/4	1,372.73	3/4	1,043.21	3/4	714.16	3/4	384.66	3/4	57.09	3/4	
2	2,683.78	2	2,354.31	2	2,024.83	2	1,695.38	2	1,365.86	2	1,036.35	2	707.30	2	377.80	2	51.25	2	
1/4	2,676.91	1/4	2,347.45	1/4	2,017.97	1/4	1,688.52	1/4	1,359.00	1/4	1,029.49	1/4	700.43	1/4	370.93	1/4	45.42	1/4	
1/2	2,670.05	1/2	2,340.58	1/2	2,011.11	1/2	1,681.65	1/2	1,352.13	1/2	1,022.63	1/2	693.57	1/2	364.07	1/2	39.59	1/2	
3/4	2,663.19	3/4	2,333.72	3/4	2,004.25	3/4	1,674.79	3/4	1,345.27	3/4	1,015.77	3/4	686.71	3/4	357.21	3/4	35.13	3/4	
3	2,656.33	3	2,326.85	3	1,997.39	3	1,667.92	3	1,338.40	3	1,008.92	3	679.84	3	350.34	3	30.66	3	
1/4	2,649.47	1/4	2,319.99	1/4	1,990.52	1/4	1,661.06	1/4	1,331.54	1/4	1,002.07	1/4	672.98	1/4	343.48	1/4	26.20	1/4	
1/2	2,642.61	1/2	2,313.12	1/2	1,983.66	1/2	1,654.19	1/2	1,324.67	1/2	995.21	1/2	666.11	1/2	336.62	1/2	21.74	1/2	
3/4	2,635.75	3/4	2,306.26	3/4	1,976.80	3/4	1,647.33	3/4	1,317.81	3/4	988.36	3/4	659.25	3/4	329.76	3/4		3/4	
4	2,628.89	4	2,299.39	4	1,969.94	4	1,640.46	4	1,310.94	4	981.51	4	652.38	4	322.90	4		4	
1/4	2,622.03	1/4	2,292.53	1/4	1,963.08	1/4	1,633.60	1/4	1,304.08	1/4	974.65	1/4	645.52	1/4	316.04	1/4		1/4	
1/2	2,615.17	1/2	2,285.66	1/2	1,956.22	1/2	1,626.73	1/2	1,297.21	1/2	967.80	1/2	638.65	1/2	309.17	1/2		1/2	
3/4	2,608.31	3/4	2,278.80	3/4	1,949.36	3/4	1,619.87	3/4	1,290.35	3/4	960.95	3/4	631.79	3/4	302.31	3/4		3/4	
5	2,601.45	5	2,271.93	5	1,942.50	5	1,613.00	5	1,283.48	5	954.09	5	624.92	5	295.44	5		5	
1/4	2,594.59	1/4	2,265.07	1/4	1,935.63	1/4	1,606.14	1/4	1,276.62	1/4	947.24	1/4	618.06	1/4	288.58	1/4		1/4	
1/2	2,587.73	1/2	2,258.20	1/2	1,928.77	1/2	1,599.27	1/2	1,269.75	1/2	940.39	1/2	611.19	1/2	281.72	1/2		1/2	
3/4	2,580.86	3/4	2,251.34	3/4	1,921.91	3/4	1,592.41	3/4	1,262.89	3/4	933.54	3/4	604.33	3/4	274.85	3/4		3/4	
6	2,574.00	6	2,244.47	6	1,915.05	6	1,585.54	6	1,256.02	6	926.68	6	597.46	6	267.99	6		6	
1/4	2,567.13	1/4	2,237.61	1/4	1,908.19	1/4	1,578.68	1/4	1,249.16	1/4	919.83	1/4	590.60	1/4	261.12	1/4		1/4	
1/2	2,560.27	1/2	2,230.74	1/2	1,901.33	1/2	1,571.81	1/2	1,242.29	1/2	912.98	1/2	583.73	1/2	254.26	1/2		1/2	
3/4	2,553.40	3/4	2,223.88	3/4	1,894.46	3/4	1,564.95	3/4	1,235.43	3/4	906.12	3/4	576.87	3/4	247.39	3/4		3/4	
7	2,546.54	7	2,217.01	7	1,887.60	7	1,558.08	7	1,228.56	7	899.27	7	570.01	7	240.53	7		7	
1/4	2,539.67	1/4	2,210.15	1/4	1,880.74	1/4	1,551.22	1/4	1,221.70	1/4	892.42	1/4	563.14	1/4	233.66	1/4		1/4	
1/2	2,532.81	1/2	2,203.28	1/2	1,873.87	1/2	1,544.35	1/2	1,214.83	1/2	885.56	1/2	556.28	1/2	226.80	1/2		1/2	
3/4	2,525.94	3/4	2,196.42	3/4	1,867.01	3/4	1,537.49	3/4	1,207.97	3/4	878.71	3/4	549.41	3/4	219.93	3/4		3/4	
8	2,519.08	8	2,189.55	8	1,860.14	8	1,530.62	8	1,201.10	8	871.86	8	542.55	8	213.07	8		8	
1/4	2,512.21	1/4	2,182.69	1/4	1,853.28	1/4	1,523.76	1/4	1,194.24	1/4	865.00	1/4	535.68	1/4	206.20	1/4		1/4	
1/2	2,505.35	1/2	2,175.82	1/2	1,846.41	1/2	1,516.89	1/2	1,187.37	1/2	858.15	1/2	528.82	1/2	199.34	1/2		1/2	
3/4	2,498.48	3/4	2,168.96	3/4	1,839.55	3/4	1,510.03	3/4	1,180.51	3/4	851.30	3/4	521.95	3/4	192.47	3/4		3/4	
9	2,491.62	9	2,162.09	9	1,832.68	9	1,503.16	9	1,173.64	9	844.44	9	515.09	9	185.61	9		9	
1/4	2,484.75	1/4	2,155.23	1/4	1,825.82	1/4	1,496.30	1/4	1,166.78	1/4	837.59	1/4	508.22	1/4	178.74	1/4		1/4	
1/2	2,477.89	1/2	2,148.36	1/2	1,818.95	1/2	1,489.43	1/2	1,159.91	1/2	830.74	1/2	501.36	1/2	171.88	1/2		1/2	
3/4	2,471.02	3/4	2,141.50	3/4	1,812.09	3/4	1,482.57	3/4	1,153.05	3/4	823.89	3/4	494.49	3/4	165.01	3/4		3/4	
10	2,464.16	10	2,134.63	10	1,805.22	10	1,475.70	10	1,146.18	10	817.03	10	487.63	10	158.15	10		10	
1/4	2,457.29	1/4	2,127.77	1/4	1,798.36	1/4	1,468.84	1/4	1,139.32	1/4	810.18	1/4	480.76	1/4	151.29	1/4		1/4	
1/2	2,450.43	1/2	2,120.90	1/2	1,791.49	1/2	1,461.97	1/2	1,132.45	1/2	803.33	1/2	473.90	1/2	144.42	1/2		1/2	
3/4	2,443.56	3/4	2,114.04	3/4	1,784.63	3/4	1,455.11	3/4	1,125.59	3/4	796.47	3/4	467.03	3/4	137.56	3/4		3/4	
11	2,436.70	11	2,107.17	11	1,777.76	11	1,448.24	11	1,118.72	11	789.62	11	460.17	11	130.70	11		11	
1/4	2,429.83	1/4	2,100.31	1/4	1,770.90	1/4	1,441.38	1/4	1,111.86	1/4	782.77	1/4	453.31	1/4	123.84	1/4		1/4	
1/2	2,422.97	1/2	2,093.44	1/2	1,764.03	1/2	1,434.51	1/2	1,104.99	1/2	775.91	1/2	446.44	1/2	116.98	1/2		1/2	
3/4	2,416.10	3/4	2,086.58	3/4	1,757.17	3/4	1,427.65	3/4	1,098.13	3/4	769.06	3/4	439.58	3/4	110.13	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2013 SW
NAME CHANGE: 10/05/2023 JS
VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29084"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

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		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	4,412.84	0	4,234.69	0	4,044.18	0	3,843.66	0	3,641.75	0	3,365.79	0	3,037.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,409.28	1/4	4,230.87	1/4	4,040.09	1/4	3,839.45	1/4	3,637.55	1/4	3,358.94	1/4	3,030.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,405.67	1/2	4,227.03	1/2	4,035.99	1/2	3,835.24	1/2	3,633.34	1/2	3,352.10	1/2	3,024.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,402.06	3/4	4,223.19	3/4	4,031.88	3/4	3,831.04	3/4	3,629.13	3/4	3,345.25	3/4	3,017.24		
1	1	1	1	1	1	1	4,398.45	1	4,219.35	1	4,027.77	1	3,826.83	1	3,624.93	1	3,338.41	1	3,010.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.83	1/4	4,215.51	1/4	4,023.66	1/4	3,822.62	1/4	3,620.72	1/4	3,331.56	1/4	3,003.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,391.20	1/2	4,211.65	1/2	4,019.54	1/2	3,818.42	1/2	3,616.52	1/2	3,324.72	1/2	2,996.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,387.57	3/4	4,207.80	3/4	4,015.41	3/4	3,814.21	3/4	3,612.31	3/4	3,317.87	3/4	2,990.01		
2	2	2	2	2	2	2	4,383.94	2	4,203.94	2	4,011.29	2	3,810.01	2	3,608.10	2	3,311.03	2	2,983.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,380.31	1/4	4,200.08	1/4	4,007.16	1/4	3,805.80	1/4	3,603.90	1/4	3,304.18	1/4	2,976.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,376.66	1/2	4,196.19	1/2	4,003.02	1/2	3,801.59	1/2	3,599.69	1/2	3,297.34	1/2	2,969.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,373.01	3/4	4,192.30	3/4	3,998.87	3/4	3,797.39	3/4	3,595.48	3/4	3,290.49	3/4	2,962.76		
3	3	3	3	3	3	3	4,369.35	3	4,188.41	3	3,994.73	3	3,793.18	3	3,591.28	3	3,283.65	3	2,955.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,365.70	1/4	4,184.53	1/4	3,990.58	1/4	3,788.97	1/4	3,587.07	1/4	3,276.80	1/4	2,949.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,362.03	1/2	4,180.59	1/2	3,986.42	1/2	3,784.77	1/2	3,582.87	1/2	3,269.96	1/2	2,942.28		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,358.37	3/4	4,176.65	3/4	3,982.26	3/4	3,780.56	3/4	3,578.66	3/4	3,263.12	3/4	2,935.43		
4	4	4	4	4	4	4	4,354.70	4	4,172.72	4	3,978.09	4	3,776.36	4	3,574.45	4	3,256.27	4	2,928.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,351.03	1/4	4,168.78	1/4	3,973.93	1/4	3,772.15	1/4	3,570.25	1/4	3,249.43	1/4	2,921.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,347.34	1/2	4,164.83	1/2	3,969.75	1/2	3,767.94	1/2	3,565.51	1/2	3,242.58	1/2	2,914.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,343.65	3/4	4,160.87	3/4	3,965.56	3/4	3,763.74	3/4	3,560.77	3/4	3,235.74	3/4	2,908.05		
5	5	5	5	5	5	5	4,339.96	5	4,156.92	5	3,961.38	5	3,759.53	5	3,556.04	5	3,228.89	5	2,901.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,336.27	1/4	4,152.96	1/4	3,957.20	1/4	3,755.32	1/4	3,550.77	1/4	3,222.05	1/4	2,894.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,332.57	1/2	4,148.99	1/2	3,953.00	1/2	3,751.12	1/2	3,543.91	1/2	3,215.20	1/2	2,887.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,328.86	3/4	4,145.01	3/4	3,948.80	3/4	3,746.91	3/4	3,537.05	3/4	3,208.36	3/4	2,880.68		
6	6	6	6	6	6	6	4,325.15	6	4,141.04	6	3,944.60	6	3,742.70	6	3,530.19	6	3,201.51	6	2,873.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,321.44	1/4	4,137.06	1/4	3,940.40	1/4	3,738.50	1/4	3,523.33	1/4	3,194.67	1/4	2,866.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,317.72	1/2	4,133.07	1/2	3,936.19	1/2	3,734.29	1/2	3,516.47	1/2	3,187.82	1/2	2,860.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,313.99	3/4	4,129.08	3/4	3,931.99	3/4	3,730.09	3/4	3,509.60	3/4	3,180.98	3/4	2,853.30		
7	7	7	7	7	7	7	4,481.83 4,479.57	7	4,310.26 4,306.54	7	4,125.08 4,121.09	7	3,927.78 3,923.58	7	3,725.88 3,721.67	7	3,502.74 3,495.88	7	3,174.13 3,167.29	7	2,846.45 2,839.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,477.30	1/4	4,306.54	1/4	4,121.09	1/4	3,923.58	1/4	3,721.67	1/4	3,495.88	1/4	3,167.29	1/4	2,839.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,474.36	1/2	4,302.79	1/2	4,117.08	1/2	3,919.37	1/2	3,717.47	1/2	3,489.03	1/2	3,160.44	1/2	2,832.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,471.41	3/4	4,299.05	3/4	4,113.07	3/4	3,915.16	3/4	3,713.26	3/4	3,482.17	3/4	3,153.60	3/4	2,825.92
8	8	8	8	8	8	8	4,468.46 4,465.51	8	4,295.30 4,291.56	8	4,109.05 4,105.04	8	3,910.96 3,906.75	8	3,709.05 3,704.85	8	3,475.32 3,468.46	8	3,146.75 3,139.91	8	2,819.07 2,812.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,465.51	1/4	4,291.56	1/4	4,105.04	1/4	3,906.75	1/4	3,704.85	1/4	3,468.46	1/4	3,139.91	1/4	2,812.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,462.03	1/2	4,287.79	1/2	4,101.01	1/2	3,902.54	1/2	3,700.64	1/2	3,461.61	1/2	3,133.07	1/2	2,805.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,458.54	3/4	4,284.03	3/4	4,096.98	3/4	3,898.34	3/4	3,696.44	3/4	3,454.77	3/4	3,126.24	3/4	2,798.54
9	9	9	9	9	9	9	4,455.06 4,451.58	9	4,280.26 4,276.50	9	4,092.95 4,088.92	9	3,894.13 3,889.93	9	3,692.23 3,688.02	9	3,447.92 3,441.08	9	3,119.40 3,112.56	9	2,791.69 2,784.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,451.58	1/4	4,276.50	1/4	4,088.92	1/4	3,889.93	1/4	3,688.02	1/4	3,441.08	1/4	3,112.56	1/4	2,784.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.07	1/2	4,272.72	1/2	4,084.87	1/2	3,885.72	1/2	3,683.82	1/2	3,434.24	1/2	3,105.76	1/2	2,778.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,444.57	3/4	4,268.93	3/4	4,080.82	3/4	3,881.51	3/4	3,679.61	3/4	3,427.39	3/4	3,098.95	3/4	2,771.16
10	10	10	10	10	10	10	4,441.07 4,437.57	10	4,265.15 4,261.37	10	4,076.77 4,072.72	10	3,877.31 3,873.10	10	3,675.40 3,671.20	10	3,420.55 3,413.70	10	3,092.14 3,085.33	10	2,764.31 2,757.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,437.57	1/4	4,261.37	1/4	4,072.72	1/4	3,873.10	1/4	3,671.20	1/4	3,413.70	1/4	3,085.33	1/4	2,757.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,434.05	1/2	4,257.56	1/2	4,068.65	1/2	3,868.89	1/2	3,666.99	1/2	3,406.86	1/2	3,078.52	1/2	2,750.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,430.53	3/4	4,253.76	3/4	4,064.58	3/4	3,864.69	3/4	3,662.79	3/4	3,400.01	3/4	3,071.71	3/4	2,743.78
11	11	11	11	11	11	11	4,427.01 4,423.49	11	4,249.96 4,246.16	11	4,060.51 4,056.44	11	3,860.48 3,856.27	11	3,658.58 3,654.37	11	3,393.17 3,386.32	11	3,064.90 3,058.10	11	2,736.93 2,730.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,423.49	1/4	4,242.34	1/4	4,052.36	1/4	3,852.07	1/4	3,650.17	1/4	3,379.48	1/4	3,051.29	1/4	2,723.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,419.94	1/2	4,242.34	1/2	4,052.36	1/2	3,852.07	1/2	3,650.17	1/2	3,379.48	1/2	3,051.29	1/2	2,723.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,416.39	3/4	4,238.52	3/4	4,048.27	3/4	3,847.86	3/4	3,645.96	3/4	3,372.63	3/4	3,044.48	3/4	2,716.40

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
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BARGE "KIRBY 29084"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 254"

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	2,709.56	0	2,380.87	0	2,052.11	0	1,723.56	0	1,395.02	0	1,066.68	0	753.29	0	425.86	0	96.44	0	
1/4	2,702.71	1/4	2,374.02	1/4	2,045.26	1/4	1,716.72	1/4	1,388.18	1/4	1,059.86	1/4	746.78	1/4	419.00	1/4	89.60	1/4	
1/2	2,695.87	1/2	2,367.18	1/2	2,038.41	1/2	1,709.87	1/2	1,381.33	1/2	1,053.14	1/2	740.20	1/2	412.14	1/2	82.93	1/2	
3/4	2,689.02	3/4	2,360.33	3/4	2,031.57	3/4	1,703.03	3/4	1,374.49	3/4	1,046.43	3/4	733.61	3/4	405.27	3/4	76.26	3/4	
1	2,682.18	1	2,353.48	1	2,024.72	1	1,696.18	1	1,367.64	1	1,039.71	1	727.03	1	398.41	1	69.60	1	
1/4	2,675.33	1/4	2,346.63	1/4	2,017.88	1/4	1,689.34	1/4	1,360.80	1/4	1,033.00	1/4	720.44	1/4	391.54	1/4	62.93	1/4	
1/2	2,668.49	1/2	2,339.78	1/2	2,011.04	1/2	1,682.49	1/2	1,353.95	1/2	1,026.50	1/2	713.62	1/2	384.68	1/2	57.10	1/2	
3/4	2,661.64	3/4	2,332.93	3/4	2,004.19	3/4	1,675.65	3/4	1,347.11	3/4	1,020.01	3/4	706.81	3/4	377.81	3/4	51.26	3/4	
2	2,654.80	2	2,326.08	2	1,997.35	2	1,668.81	2	1,340.26	2	1,013.51	2	699.99	2	370.95	2	45.43	2	
1/4	2,647.95	1/4	2,319.23	1/4	1,990.50	1/4	1,661.96	1/4	1,333.42	1/4	1,007.01	1/4	693.17	1/4	364.09	1/4	39.60	1/4	
1/2	2,641.11	1/2	2,312.38	1/2	1,983.66	1/2	1,655.12	1/2	1,326.58	1/2	1,000.52	1/2	686.32	1/2	357.23	1/2	35.14	1/2	
3/4	2,634.26	3/4	2,305.53	3/4	1,976.81	3/4	1,648.27	3/4	1,319.73	3/4	994.02	3/4	679.46	3/4	350.36	3/4	30.67	3/4	
3	2,627.42	3	2,298.68	3	1,969.97	3	1,641.43	3	1,312.89	3	987.53	3	672.61	3	343.50	3	26.21	3	
1/4	2,620.57	1/4	2,291.83	1/4	1,963.12	1/4	1,634.58	1/4	1,306.04	1/4	981.03	1/4	665.76	1/4	336.64	1/4	21.75	1/4	
1/2	2,613.73	1/2	2,284.98	1/2	1,956.28	1/2	1,627.74	1/2	1,299.20	1/2	974.54	1/2	658.90	1/2	329.78	1/2		1/2	
3/4	2,606.88	3/4	2,278.13	3/4	1,949.43	3/4	1,620.89	3/4	1,292.35	3/4	968.04	3/4	652.05	3/4	322.92	3/4		3/4	
4	2,600.04	4	2,271.28	4	1,942.59	4	1,614.05	4	1,285.51	4	961.55	4	645.20	4	316.06	4		4	
1/4	2,593.19	1/4	2,264.43	1/4	1,935.74	1/4	1,607.20	1/4	1,278.66	1/4	955.05	1/4	638.34	1/4	309.19	1/4		1/4	
1/2	2,586.35	1/2	2,257.59	1/2	1,928.90	1/2	1,600.36	1/2	1,271.82	1/2	948.55	1/2	631.49	1/2	302.33	1/2		1/2	
3/4	2,579.50	3/4	2,250.74	3/4	1,922.06	3/4	1,593.51	3/4	1,264.97	3/4	942.05	3/4	624.64	3/4	295.46	3/4		3/4	
5	2,572.65	5	2,243.89	5	1,915.21	5	1,586.67	5	1,258.13	5	935.56	5	617.78	5	288.60	5		5	
1/4	2,565.81	1/4	2,237.04	1/4	1,908.37	1/4	1,579.83	1/4	1,251.28	1/4	929.06	1/4	610.93	1/4	281.74	1/4		1/4	
1/2	2,558.96	1/2	2,230.19	1/2	1,901.52	1/2	1,572.98	1/2	1,244.44	1/2	922.55	1/2	604.08	1/2	274.87	1/2		1/2	
3/4	2,552.11	3/4	2,223.34	3/4	1,894.68	3/4	1,566.14	3/4	1,237.60	3/4	916.04	3/4	597.22	3/4	268.01	3/4		3/4	
6	2,545.26	6	2,216.49	6	1,887.83	6	1,559.29	6	1,230.75	6	909.53	6	590.37	6	261.14	6		6	
1/4	2,538.41	1/4	2,209.64	1/4	1,880.99	1/4	1,552.45	1/4	1,223.91	1/4	903.02	1/4	583.52	1/4	254.28	1/4		1/4	
1/2	2,531.56	1/2	2,202.79	1/2	1,874.14	1/2	1,545.60	1/2	1,217.06	1/2	896.51	1/2	576.66	1/2	247.41	1/2		1/2	
3/4	2,524.71	3/4	2,195.94	3/4	1,867.30	3/4	1,538.76	3/4	1,210.22	3/4	890.00	3/4	569.81	3/4	240.55	3/4		3/4	
7	2,517.86	7	2,189.09	7	1,860.45	7	1,531.91	7	1,203.37	7	883.49	7	562.96	7	233.68	7		7	
1/4	2,511.01	1/4	2,182.24	1/4	1,853.61	1/4	1,525.07	1/4	1,196.53	1/4	876.98	1/4	556.10	1/4	226.82	1/4		1/4	
1/2	2,504.16	1/2	2,175.39	1/2	1,846.77	1/2	1,518.22	1/2	1,189.68	1/2	870.47	1/2	549.25	1/2	219.95	1/2		1/2	
3/4	2,497.31	3/4	2,168.54	3/4	1,839.92	3/4	1,511.38	3/4	1,182.84	3/4	863.96	3/4	542.40	3/4	213.09	3/4		3/4	
8	2,490.46	8	2,161.69	8	1,833.08	8	1,504.54	8	1,175.99	8	857.45	8	535.54	8	206.22	8		8	
1/4	2,483.62	1/4	2,154.84	1/4	1,826.23	1/4	1,497.69	1/4	1,169.15	1/4	850.94	1/4	528.69	1/4	199.35	1/4		1/4	
1/2	2,476.77	1/2	2,147.99	1/2	1,819.39	1/2	1,490.85	1/2	1,162.31	1/2	844.43	1/2	521.84	1/2	192.49	1/2		1/2	
3/4	2,469.92	3/4	2,141.15	3/4	1,812.54	3/4	1,484.00	3/4	1,155.47	3/4	837.92	3/4	514.98	3/4	185.62	3/4		3/4	
9	2,463.07	9	2,134.30	9	1,805.70	9	1,477.16	9	1,148.63	9	831.41	9	508.13	9	178.76	9		9	
1/4	2,456.22	1/4	2,127.45	1/4	1,798.85	1/4	1,470.31	1/4	1,141.79	1/4	824.90	1/4	501.28	1/4	171.89	1/4		1/4	
1/2	2,449.37	1/2	2,120.60	1/2	1,792.01	1/2	1,463.47	1/2	1,134.95	1/2	818.39	1/2	494.42	1/2	165.03	1/2		1/2	
3/4	2,442.52	3/4	2,113.75	3/4	1,785.16	3/4	1,456.62	3/4	1,128.12	3/4	811.88	3/4	487.57	3/4	158.17	3/4		3/4	
10	2,435.67	10	2,106.90	10	1,778.32	10	1,449.78	10	1,121.29	10	805.37	10	480.72	10	151.30	10		10	
1/4	2,428.82	1/4	2,100.05	1/4	1,771.47	1/4	1,442.93	1/4	1,114.46	1/4	798.86	1/4	473.86	1/4	144.44	1/4		1/4	
1/2	2,421.97	1/2	2,093.20	1/2	1,764.63	1/2	1,436.09	1/2	1,107.63	1/2	792.35	1/2	467.01	1/2	137.57	1/2		1/2	
3/4	2,415.12	3/4	2,086.35	3/4	1,757.79	3/4	1,429.24	3/4	1,100.80	3/4	785.84	3/4	460.15	3/4	130.71	3/4		3/4	
11	2,408.27	11	2,079.50	11	1,750.94	11	1,422.40	11	1,093.97	11	779.33	11	453.30	11	123.85	11		11	
1/4	2,401.42	1/4	2,072.65	1/4	1,744.10	1/4	1,415.56	1/4	1,087.14	1/4	772.82	1/4	446.44	1/4	116.99	1/4		1/4	
1/2	2,394.57	1/2	2,065.80	1/2	1,737.25	1/2	1,408.71	1/2	1,080.32	1/2	766.31	1/2	439.58	1/2	110.14	1/2		1/2	
3/4	2,387.72	3/4	2,058.95	3/4	1,730.41	3/4	1,401.87	3/4	1,073.50	3/4	759.80	3/4	432.72	3/4	103.29	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2013 SW
NAME CHANGE: 10/05/2023 JS
VERIFIED: 10/05/2023 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 29084"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CTCO 254

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	0	0	346	0	692	0	1,037	0	1,383	0	1,729	0		0		0		0	
1/4	7	1/4	353	1/4	699	1/4	1,045	1/4	1,390	1/4	1,736	1/4		1/4		1/4		1/4	
1/2	14	1/2	360	1/2	706	1/2	1,052	1/2	1,398	1/2	1,743	1/2		1/2		1/2		1/2	
3/4	22	3/4	367	3/4	713	3/4	1,059	3/4	1,405	3/4	1,751	3/4		3/4		3/4		3/4	
1	29	1	375	1	720	1	1,066	1	1,412	1	1,758	1		1		1		1	
1/4	36	1/4	382	1/4	728	1/4	1,073	1/4	1,419	1/4	1,765	1/4		1/4		1/4		1/4	
1/2	43	1/2	389	1/2	735	1/2	1,081	1/2	1,426	1/2	1,772	1/2		1/2		1/2		1/2	
3/4	50	3/4	396	3/4	742	3/4	1,088	3/4	1,434	3/4	1,780	3/4		3/4		3/4		3/4	
2	58	2	403	2	749	2	1,095	2	1,441	2	1,787	2		2		2		2	
1/4	65	1/4	411	1/4	756	1/4	1,102	1/4	1,448	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	418	1/2	764	1/2	1,109	1/2	1,455	1/2		1/2		1/2		1/2		1/2	
3/4	79	3/4	425	3/4	771	3/4	1,117	3/4	1,463	3/4		3/4		3/4		3/4		3/4	
3	86	3	432	3	778	3	1,124	3	1,470	3		3		3		3		3	
1/4	94	1/4	439	1/4	785	1/4	1,131	1/4	1,477	1/4		1/4		1/4		1/4		1/4	
1/2	101	1/2	447	1/2	792	1/2	1,138	1/2	1,484	1/2		1/2		1/2		1/2		1/2	
3/4	108	3/4	454	3/4	800	3/4	1,146	3/4	1,491	3/4		3/4		3/4		3/4		3/4	
4	115	4	461	4	807	4	1,153	4	1,499	4		4		4		4		4	
1/4	122	1/4	468	1/4	814	1/4	1,160	1/4	1,506	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	475	1/2	821	1/2	1,167	1/2	1,513	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	483	3/4	829	3/4	1,174	3/4	1,520	3/4		3/4		3/4		3/4		3/4	
5	144	5	490	5	836	5	1,182	5	1,527	5		5		5		5		5	
1/4	151	1/4	497	1/4	843	1/4	1,189	1/4	1,535	1/4		1/4		1/4		1/4		1/4	
1/2	158	1/2	504	1/2	850	1/2	1,196	1/2	1,542	1/2		1/2		1/2		1/2		1/2	
3/4	166	3/4	512	3/4	857	3/4	1,203	3/4	1,549	3/4		3/4		3/4		3/4		3/4	
6	173	6	519	6	865	6	1,210	6	1,556	6		6		6		6		6	
1/4	180	1/4	526	1/4	872	1/4	1,218	1/4	1,563	1/4		1/4		1/4		1/4		1/4	
1/2	187	1/2	533	1/2	879	1/2	1,225	1/2	1,571	1/2		1/2		1/2		1/2		1/2	
3/4	195	3/4	540	3/4	886	3/4	1,232	3/4	1,578	3/4		3/4		3/4		3/4		3/4	
7	202	7	548	7	893	7	1,239	7	1,585	7		7		7		7		7	
1/4	209	1/4	555	1/4	901	1/4	1,246	1/4	1,592	1/4		1/4		1/4		1/4		1/4	
1/2	216	1/2	562	1/2	908	1/2	1,254	1/2	1,599	1/2		1/2		1/2		1/2		1/2	
3/4	223	3/4	569	3/4	915	3/4	1,261	3/4	1,607	3/4		3/4		3/4		3/4		3/4	
8	231	8	576	8	922	8	1,268	8	1,614	8		8		8		8		8	
1/4	238	1/4	584	1/4	929	1/4	1,275	1/4	1,621	1/4		1/4		1/4		1/4		1/4	
1/2	245	1/2	591	1/2	937	1/2	1,282	1/2	1,628	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	598	3/4	944	3/4	1,290	3/4	1,635	3/4		3/4		3/4		3/4		3/4	
9	259	9	605	9	951	9	1,297	9	1,643	9		9		9		9		9	
1/4	267	1/4	612	1/4	958	1/4	1,304	1/4	1,650	1/4		1/4		1/4		1/4		1/4	
1/2	274	1/2	620	1/2	965	1/2	1,311	1/2	1,657	1/2		1/2		1/2		1/2		1/2	
3/4	281	3/4	627	3/4	973	3/4	1,318	3/4	1,664	3/4		3/4		3/4		3/4		3/4	
10	288	10	634	10	980	10	1,326	10	1,671	10		10		10		10		10	
1/4	295	1/4	641	1/4	987	1/4	1,333	1/4	1,679	1/4		1/4		1/4		1/4		1/4	
1/2	303	1/2	648	1/2	994	1/2	1,340	1/2	1,686	1/2		1/2		1/2		1/2		1/2	
3/4	310	3/4	656	3/4	1,001	3/4	1,347	3/4	1,693	3/4		3/4		3/4		3/4		3/4	
11	317	11	663	11	1,009	11	1,354	11	1,700	11		11		11		11		11	
1/4	324	1/4	670	1/4	1,016	1/4	1,362	1/4	1,707	1/4		1/4		1/4		1/4		1/4	
1/2	331	1/2	677	1/2	1,023	1/2	1,369	1/2	1,715	1/2		1/2		1/2		1/2		1/2	
3/4	339	3/4	684	3/4	1,030	3/4	1,376	3/4	1,722	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.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 10/05/2023 JS
CALCULATED: 10/05/2023 CL
PRINTED: 10/05/2023 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 29084"

PORT SLOP INNAGE TABLE

FORMERLY: CTCO 254

CAPACITIES GIVEN IN WHOLE GALLONS

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
0	0	0	891	0	1,782	0	2,672	0	3,519	0	4,306	0		0		0		0	
1/4	19	1/4	910	1/4	1,801	1/4	2,690	1/4	3,536	1/4	4,321	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	37	1/2	928	1/2	1,819	1/2	2,708	1/2	3,553	1/2	4,337	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56	3/4	947	3/4	1,838	3/4	2,726	3/4	3,570	3/4	4,353	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	74	1	965	1	1,857	1	2,745	1	3,587	1	4,368	1	1	1	1	1	1	1	1
1/4	93	1/4	984	1/4	1,875	1/4	2,763	1/4	3,604	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111	1/2	1,003	1/2	1,894	1/2	2,781	1/2	3,621	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130	3/4	1,021	3/4	1,912	3/4	2,799	3/4	3,637	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149	2	1,040	2	1,931	2	2,817	2	3,654	2		2	2	2	2	2	2	2	2
1/4	167	1/4	1,058	1/4	1,949	1/4	2,835	1/4	3,671	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186	1/2	1,077	1/2	1,968	1/2	2,853	1/2	3,688	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	204	3/4	1,095	3/4	1,987	3/4	2,871	3/4	3,705	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	223	3	1,114	3	2,005	3	2,889	3	3,721	3		3	3	3	3	3	3	3	3
1/4	241	1/4	1,133	1/4	2,024	1/4	2,907	1/4	3,738	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	260	1/2	1,151	1/2	2,042	1/2	2,925	1/2	3,755	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	278	3/4	1,170	3/4	2,061	3/4	2,943	3/4	3,772	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	297	4	1,188	4	2,079	4	2,961	4	3,788	4		4	4	4	4	4	4	4	4
1/4	316	1/4	1,207	1/4	2,098	1/4	2,978	1/4	3,805	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	334	1/2	1,225	1/2	2,117	1/2	2,996	1/2	3,821	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	353	3/4	1,244	3/4	2,135	3/4	3,014	3/4	3,838	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	371	5	1,262	5	2,154	5	3,032	5	3,855	5		5	5	5	5	5	5	5	5
1/4	390	1/4	1,281	1/4	2,172	1/4	3,050	1/4	3,871	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	408	1/2	1,300	1/2	2,191	1/2	3,067	1/2	3,887	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	427	3/4	1,318	3/4	2,209	3/4	3,085	3/4	3,904	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	446	6	1,337	6	2,228	6	3,103	6	3,920	6		6	6	6	6	6	6	6	6
1/4	464	1/4	1,355	1/4	2,246	1/4	3,120	1/4	3,937	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	483	1/2	1,374	1/2	2,265	1/2	3,138	1/2	3,953	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	501	3/4	1,392	3/4	2,284	3/4	3,155	3/4	3,970	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	520	7	1,411	7	2,302	7	3,173	7	3,986	7		7	7	7	7	7	7	7	7
1/4	538	1/4	1,430	1/4	2,321	1/4	3,190	1/4	4,002	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	557	1/2	1,448	1/2	2,339	1/2	3,208	1/2	4,019	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	576	3/4	1,467	3/4	2,358	3/4	3,225	3/4	4,035	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	594	8	1,485	8	2,376	8	3,243	8	4,051	8		8	8	8	8	8	8	8	8
1/4	613	1/4	1,504	1/4	2,395	1/4	3,260	1/4	4,067	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	631	1/2	1,522	1/2	2,414	1/2	3,278	1/2	4,083	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	650	3/4	1,541	3/4	2,432	3/4	3,295	3/4	4,100	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	668	9	1,560	9	2,451	9	3,313	9	4,116	9		9	9	9	9	9	9	9	9
1/4	687	1/4	1,578	1/4	2,469	1/4	3,330	1/4	4,132	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	706	1/2	1,597	1/2	2,488	1/2	3,347	1/2	4,148	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	724	3/4	1,615	3/4	2,506	3/4	3,364	3/4	4,164	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	743	10	1,634	10	2,525	10	3,382	10	4,180	10		10	10	10	10	10	10	10	10
1/4	761	1/4	1,652	1/4	2,543	1/4	3,399	1/4	4,195	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	780	1/2	1,671	1/2	2,562	1/2	3,416	1/2	4,211	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	798	3/4	1,690	3/4	2,580	3/4	3,433	3/4	4,227	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	817	11	1,708	11	2,598	11	3,451	11	4,243	11		11	11	11	11	11	11	11	11
1/4	835	1/4	1,727	1/4	2,617	1/4	3,468	1/4	4,259	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	854	1/2	1,745	1/2	2,635	1/2	3,485	1/2	4,274	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	873	3/4	1,764	3/4	2,653	3/4	3,502	3/4	4,290	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 29084"

STBD SLOP INNAGE TABLE

FORMERLY: CTCO 254

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	891	0	1,782	0	2,672	0	3,519	0	4,306	0		0		0		0	
1/4	19	1/4	910	1/4	1,801	1/4	2,690	1/4	3,536	1/4	4,321	1/4		1/4		1/4		1/4	
1/2	37	1/2	928	1/2	1,819	1/2	2,708	1/2	3,553	1/2	4,337	1/2		1/2		1/2		1/2	
3/4	56	3/4	947	3/4	1,838	3/4	2,726	3/4	3,570	3/4	4,353	3/4		3/4		3/4		3/4	
1	74	1	965	1	1,857	1	2,745	1	3,587	1	4,368	1		1		1		1	
1/4	93	1/4	984	1/4	1,875	1/4	2,763	1/4	3,604	1/4		1/4		1/4		1/4		1/4	
1/2	111	1/2	1,003	1/2	1,894	1/2	2,781	1/2	3,621	1/2		1/2		1/2		1/2		1/2	
3/4	130	3/4	1,021	3/4	1,912	3/4	2,799	3/4	3,637	3/4		3/4		3/4		3/4		3/4	
2	149	2	1,040	2	1,931	2	2,817	2	3,654	2		2		2		2		2	
1/4	167	1/4	1,058	1/4	1,949	1/4	2,835	1/4	3,671	1/4		1/4		1/4		1/4		1/4	
1/2	186	1/2	1,077	1/2	1,968	1/2	2,853	1/2	3,688	1/2		1/2		1/2		1/2		1/2	
3/4	204	3/4	1,095	3/4	1,987	3/4	2,871	3/4	3,705	3/4		3/4		3/4		3/4		3/4	
3	223	3	1,114	3	2,005	3	2,889	3	3,721	3		3		3		3		3	
1/4	241	1/4	1,133	1/4	2,024	1/4	2,907	1/4	3,738	1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	1,151	1/2	2,042	1/2	2,925	1/2	3,755	1/2		1/2		1/2		1/2		1/2	
3/4	278	3/4	1,170	3/4	2,061	3/4	2,943	3/4	3,772	3/4		3/4		3/4		3/4		3/4	
4	297	4	1,188	4	2,079	4	2,961	4	3,788	4		4		4		4		4	
1/4	316	1/4	1,207	1/4	2,098	1/4	2,978	1/4	3,805	1/4		1/4		1/4		1/4		1/4	
1/2	334	1/2	1,225	1/2	2,117	1/2	2,996	1/2	3,821	1/2		1/2		1/2		1/2		1/2	
3/4	353	3/4	1,244	3/4	2,135	3/4	3,014	3/4	3,838	3/4		3/4		3/4		3/4		3/4	
5	371	5	1,262	5	2,154	5	3,032	5	3,855	5		5		5		5		5	
1/4	390	1/4	1,281	1/4	2,172	1/4	3,050	1/4	3,871	1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	1,300	1/2	2,191	1/2	3,067	1/2	3,887	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,318	3/4	2,209	3/4	3,085	3/4	3,904	3/4		3/4		3/4		3/4		3/4	
6	446	6	1,337	6	2,228	6	3,103	6	3,920	6		6		6		6		6	
1/4	464	1/4	1,355	1/4	2,246	1/4	3,120	1/4	3,937	1/4		1/4		1/4		1/4		1/4	
1/2	483	1/2	1,374	1/2	2,265	1/2	3,138	1/2	3,953	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,392	3/4	2,284	3/4	3,155	3/4	3,970	3/4		3/4		3/4		3/4		3/4	
7	520	7	1,411	7	2,302	7	3,173	7	3,986	7		7		7		7		7	
1/4	538	1/4	1,430	1/4	2,321	1/4	3,190	1/4	4,002	1/4		1/4		1/4		1/4		1/4	
1/2	557	1/2	1,448	1/2	2,339	1/2	3,208	1/2	4,019	1/2		1/2		1/2		1/2		1/2	
3/4	576	3/4	1,467	3/4	2,358	3/4	3,225	3/4	4,035	3/4		3/4		3/4		3/4		3/4	
8	594	8	1,485	8	2,376	8	3,243	8	4,051	8		8		8		8		8	
1/4	613	1/4	1,504	1/4	2,395	1/4	3,260	1/4	4,067	1/4		1/4		1/4		1/4		1/4	
1/2	631	1/2	1,522	1/2	2,414	1/2	3,278	1/2	4,083	1/2		1/2		1/2		1/2		1/2	
3/4	650	3/4	1,541	3/4	2,432	3/4	3,295	3/4	4,100	3/4		3/4		3/4		3/4		3/4	
9	668	9	1,560	9	2,451	9	3,313	9	4,116	9		9		9		9		9	
1/4	687	1/4	1,578	1/4	2,469	1/4	3,330	1/4	4,132	1/4		1/4		1/4		1/4		1/4	
1/2	706	1/2	1,597	1/2	2,488	1/2	3,347	1/2	4,148	1/2		1/2		1/2		1/2		1/2	
3/4	724	3/4	1,615	3/4	2,506	3/4	3,364	3/4	4,164	3/4		3/4		3/4		3/4		3/4	
10	743	10	1,634	10	2,525	10	3,382	10	4,180	10		10		10		10		10	
1/4	761	1/4	1,652	1/4	2,543	1/4	3,399	1/4	4,195	1/4		1/4		1/4		1/4		1/4	
1/2	780	1/2	1,671	1/2	2,562	1/2	3,416	1/2	4,211	1/2		1/2		1/2		1/2		1/2	
3/4	798	3/4	1,690	3/4	2,580	3/4	3,433	3/4	4,227	3/4		3/4		3/4		3/4		3/4	
11	817	11	1,708	11	2,598	11	3,451	11	4,243	11		11		11		11		11	
1/4	835	1/4	1,727	1/4	2,617	1/4	3,468	1/4	4,259	1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,745	1/2	2,635	1/2	3,485	1/2	4,274	1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	1,764	3/4	2,653	3/4	3,502	3/4	4,290	3/4		3/4		3/4		3/4		3/4	

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