



BARGE "KIRBY 29073"

ULLAGE TRIM TABLE
FORMERLY "HBC 306"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 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
2 STBD	- 00-0/8	00-0/8	- 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
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(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: 253'-09"

June 5, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29073"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-03"

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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29073"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-03"

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	2,627.94	0	2,265.41	0	1,902.87	0	1,540.34	0	1,177.90	0	815.77	0	453.25	0	90.92	0		0	
1/4	2,620.39	1/4	2,257.86	1/4	1,895.32	1/4	1,532.79	1/4	1,170.36	1/4	808.22	1/4	445.70	1/4	84.00	1/4		1/4	
1/2	2,612.84	1/2	2,250.30	1/2	1,887.77	1/2	1,525.23	1/2	1,162.82	1/2	800.66	1/2	438.14	1/2	77.08	1/2		1/2	
3/4	2,605.29	3/4	2,242.75	3/4	1,880.22	3/4	1,517.68	3/4	1,155.28	3/4	793.11	3/4	430.59	3/4	70.15	3/4		3/4	
1	2,597.73	1	2,235.20	1	1,872.66	1	1,510.13	1	1,147.74	1	785.56	1	423.04	1	63.23	1		1	
1/4	2,590.18	1/4	2,227.65	1/4	1,865.11	1/4	1,502.58	1/4	1,140.20	1/4	778.01	1/4	415.49	1/4	57.57	1/4		1/4	
1/2	2,582.63	1/2	2,220.09	1/2	1,857.56	1/2	1,495.02	1/2	1,132.66	1/2	770.45	1/2	407.93	1/2	51.91	1/2		1/2	
3/4	2,575.07	3/4	2,212.54	3/4	1,850.01	3/4	1,487.47	3/4	1,125.12	3/4	762.90	3/4	400.38	3/4	46.24	3/4		3/4	
2	2,567.52	2	2,204.99	2	1,842.45	2	1,479.92	2	1,117.58	2	755.35	2	392.83	2	40.58	2		2	
1/4	2,559.97	1/4	2,197.43	1/4	1,834.90	1/4	1,472.37	1/4	1,110.04	1/4	747.80	1/4	385.28	1/4	36.17	1/4		1/4	
1/2	2,552.42	1/2	2,189.88	1/2	1,827.35	1/2	1,464.81	1/2	1,102.50	1/2	740.24	1/2	377.72	1/2	31.77	1/2		1/2	
3/4	2,544.86	3/4	2,182.33	3/4	1,819.79	3/4	1,457.26	3/4	1,094.96	3/4	732.69	3/4	370.17	3/4	27.37	3/4		3/4	
3	2,537.31	3	2,174.78	3	1,812.24	3	1,449.71	3	1,087.42	3	725.14	3	362.62	3	22.96	3		3	
1/4	2,529.76	1/4	2,167.22	1/4	1,804.69	1/4	1,442.15	1/4	1,079.88	1/4	717.59	1/4	355.07	1/4		1/4		1/4	
1/2	2,522.20	1/2	2,159.67	1/2	1,797.14	1/2	1,434.60	1/2	1,072.34	1/2	710.03	1/2	347.51	1/2		1/2		1/2	
3/4	2,514.65	3/4	2,152.12	3/4	1,789.58	3/4	1,427.05	3/4	1,064.80	3/4	702.48	3/4	339.96	3/4		3/4		3/4	
4	2,507.10	4	2,144.56	4	1,782.03	4	1,419.50	4	1,057.26	4	694.93	4	332.41	4		4		4	
1/4	2,499.55	1/4	2,137.01	1/4	1,774.48	1/4	1,411.94	1/4	1,049.72	1/4	687.38	1/4	324.86	1/4		1/4		1/4	
1/2	2,491.99	1/2	2,129.46	1/2	1,766.92	1/2	1,404.39	1/2	1,042.18	1/2	679.82	1/2	317.30	1/2		1/2		1/2	
3/4	2,484.44	3/4	2,121.91	3/4	1,759.37	3/4	1,396.84	3/4	1,034.63	3/4	672.27	3/4	309.75	3/4		3/4		3/4	
5	2,476.89	5	2,114.35	5	1,751.82	5	1,389.28	5	1,027.09	5	664.72	5	302.20	5		5		5	
1/4	2,469.33	1/4	2,106.80	1/4	1,744.27	1/4	1,381.73	1/4	1,019.55	1/4	657.17	1/4	294.65	1/4		1/4		1/4	
1/2	2,461.78	1/2	2,099.25	1/2	1,736.71	1/2	1,374.18	1/2	1,012.01	1/2	649.61	1/2	287.09	1/2		1/2		1/2	
3/4	2,454.23	3/4	2,091.69	3/4	1,729.16	3/4	1,366.63	3/4	1,004.47	3/4	642.06	3/4	279.54	3/4		3/4		3/4	
6	2,446.68	6	2,084.14	6	1,721.61	6	1,359.07	6	996.93	6	634.51	6	271.99	6		6		6	
1/4	2,439.12	1/4	2,076.59	1/4	1,714.05	1/4	1,351.52	1/4	989.39	1/4	626.96	1/4	264.44	1/4		1/4		1/4	
1/2	2,431.57	1/2	2,069.04	1/2	1,706.50	1/2	1,343.97	1/2	981.85	1/2	619.40	1/2	256.88	1/2		1/2		1/2	
3/4	2,424.02	3/4	2,061.48	3/4	1,698.95	3/4	1,336.41	3/4	974.31	3/4	611.85	3/4	249.33	3/4		3/4		3/4	
7	2,416.47	7	2,053.93	7	1,691.40	7	1,328.86	7	966.77	7	604.30	7	241.78	7		7		7	
1/4	2,408.91	1/4	2,046.38	1/4	1,683.84	1/4	1,321.31	1/4	959.23	1/4	596.75	1/4	234.23	1/4		1/4		1/4	
1/2	2,401.36	1/2	2,038.83	1/2	1,676.29	1/2	1,313.76	1/2	951.69	1/2	589.19	1/2	226.67	1/2		1/2		1/2	
3/4	2,393.81	3/4	2,031.27	3/4	1,668.74	3/4	1,306.20	3/4	944.15	3/4	581.64	3/4	219.12	3/4		3/4		3/4	
8	2,386.25	8	2,023.72	8	1,661.19	8	1,298.65	8	936.61	8	574.09	8	211.57	8		8		8	
1/4	2,378.70	1/4	2,016.17	1/4	1,653.63	1/4	1,291.10	1/4	929.06	1/4	566.54	1/4	204.02	1/4		1/4		1/4	
1/2	2,371.15	1/2	2,008.61	1/2	1,646.08	1/2	1,283.55	1/2	921.50	1/2	558.98	1/2	196.46	1/2		1/2		1/2	
3/4	2,363.60	3/4	2,001.06	3/4	1,638.53	3/4	1,275.99	3/4	913.95	3/4	551.43	3/4	188.91	3/4		3/4		3/4	
9	2,356.04	9	1,993.51	9	1,630.97	9	1,268.44	9	906.40	9	543.88	9	181.36	9		9		9	
1/4	2,348.49	1/4	1,985.96	1/4	1,623.42	1/4	1,260.89	1/4	898.85	1/4	536.33	1/4	173.81	1/4		1/4		1/4	
1/2	2,340.94	1/2	1,978.40	1/2	1,615.87	1/2	1,253.33	1/2	891.29	1/2	528.77	1/2	166.26	1/2		1/2		1/2	
3/4	2,333.38	3/4	1,970.85	3/4	1,608.32	3/4	1,245.78	3/4	883.74	3/4	521.22	3/4	158.70	3/4		3/4		3/4	
10	2,325.83	10	1,963.30	10	1,600.76	10	1,238.23	10	876.19	10	513.67	10	151.15	10		10		10	
1/4	2,318.28	1/4	1,955.74	1/4	1,593.21	1/4	1,230.69	1/4	868.64	1/4	506.12	1/4	143.61	1/4		1/4		1/4	
1/2	2,310.73	1/2	1,948.19	1/2	1,585.66	1/2	1,223.15	1/2	861.08	1/2	498.56	1/2	136.07	1/2		1/2		1/2	
3/4	2,303.17	3/4	1,940.64	3/4	1,578.10	3/4	1,215.61	3/4	853.53	3/4	491.01	3/4	128.53	3/4		3/4		3/4	
11	2,295.62	11	1,933.09	11	1,570.55	11	1,208.07	11	845.98	11	483.46	11	120.98	11		11		11	
1/4	2,288.07	1/4	1,925.53	1/4	1,563.00	1/4	1,200.53	1/4	838.43	1/4	475.91	1/4	113.47	1/4		1/4		1/4	
1/2	2,280.51	1/2	1,917.98	1/2	1,555.45	1/2	1,192.99	1/2	830.87	1/2	468.35	1/2	105.95	1/2		1/2		1/2	
3/4	2,272.96	3/4	1,910.43	3/4	1,547.89	3/4	1,185.44	3/4	823.32	3/4	460.80	3/4	98.43	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 29073"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-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	2,633.59	0	2,271.06	0	1,908.52	0	1,545.99	0	1,183.98	0	823.31	0	460.79	0	98.43	0		0	
1/4	2,626.04	1/4	2,263.50	1/4	1,900.97	1/4	1,538.44	1/4	1,176.47	1/4	815.76	1/4	453.24	1/4	90.91	1/4		1/4	
1/2	2,618.49	1/2	2,255.95	1/2	1,893.42	1/2	1,530.88	1/2	1,168.97	1/2	808.21	1/2	445.69	1/2	83.99	1/2		1/2	
3/4	2,610.93	3/4	2,248.40	3/4	1,885.86	3/4	1,523.33	3/4	1,161.47	3/4	800.66	3/4	438.14	3/4	77.07	3/4		3/4	
1	2,603.38	1	2,240.85	1	1,878.31	1	1,515.78	1	1,153.97	1	793.10	1	430.58	1	70.15	1		1	
1/4	2,595.83	1/4	2,233.29	1/4	1,870.76	1/4	1,508.22	1/4	1,146.47	1/4	785.55	1/4	423.03	1/4	63.23	1/4		1/4	
1/2	2,588.27	1/2	2,225.74	1/2	1,863.21	1/2	1,500.67	1/2	1,138.97	1/2	778.00	1/2	415.48	1/2	57.56	1/2		1/2	
3/4	2,580.72	3/4	2,218.19	3/4	1,855.65	3/4	1,493.12	3/4	1,131.47	3/4	770.45	3/4	407.93	3/4	51.90	3/4		3/4	
2	2,573.17	2	2,210.63	2	1,848.10	2	1,485.57	2	1,123.97	2	762.89	2	400.37	2	46.24	2		2	
1/4	2,565.62	1/4	2,203.08	1/4	1,840.55	1/4	1,478.01	1/4	1,116.47	1/4	755.34	1/4	392.82	1/4	40.57	1/4		1/4	
1/2	2,558.06	1/2	2,195.53	1/2	1,832.99	1/2	1,470.46	1/2	1,108.97	1/2	747.79	1/2	385.27	1/2	36.17	1/2		1/2	
3/4	2,550.51	3/4	2,187.98	3/4	1,825.44	3/4	1,462.91	3/4	1,101.46	3/4	740.24	3/4	377.72	3/4	31.76	3/4		3/4	
3	2,542.96	3	2,180.42	3	1,817.89	3	1,455.35	3	1,093.96	3	732.68	3	370.16	3	27.36	3		3	
1/4	2,535.41	1/4	2,172.87	1/4	1,810.34	1/4	1,447.80	1/4	1,086.46	1/4	725.13	1/4	362.61	1/4	22.96	1/4		1/4	
1/2	2,527.85	1/2	2,165.32	1/2	1,802.78	1/2	1,440.25	1/2	1,078.96	1/2	717.58	1/2	355.06	1/2		1/2		1/2	
3/4	2,520.30	3/4	2,157.77	3/4	1,795.23	3/4	1,432.70	3/4	1,071.46	3/4	710.03	3/4	347.51	3/4		3/4		3/4	
4	2,512.75	4	2,150.21	4	1,787.68	4	1,425.14	4	1,063.96	4	702.47	4	339.95	4		4		4	
1/4	2,505.19	1/4	2,142.66	1/4	1,780.13	1/4	1,417.59	1/4	1,056.46	1/4	694.92	1/4	332.40	1/4		1/4		1/4	
1/2	2,497.64	1/2	2,135.11	1/2	1,772.57	1/2	1,410.04	1/2	1,048.96	1/2	687.37	1/2	324.85	1/2		1/2		1/2	
3/4	2,490.09	3/4	2,127.55	3/4	1,765.02	3/4	1,402.49	3/4	1,041.46	3/4	679.82	3/4	317.30	3/4		3/4		3/4	
5	2,482.54	5	2,120.00	5	1,757.47	5	1,394.93	5	1,033.96	5	672.26	5	309.74	5		5		5	
1/4	2,474.98	1/4	2,112.45	1/4	1,749.91	1/4	1,387.38	1/4	1,026.45	1/4	664.71	1/4	302.19	1/4		1/4		1/4	
1/2	2,467.43	1/2	2,104.90	1/2	1,742.36	1/2	1,379.83	1/2	1,018.95	1/2	657.16	1/2	294.64	1/2		1/2		1/2	
3/4	2,459.88	3/4	2,097.34	3/4	1,734.81	3/4	1,372.27	3/4	1,011.45	3/4	649.61	3/4	287.09	3/4		3/4		3/4	
6	2,452.32	6	2,089.79	6	1,727.26	6	1,364.72	6	1,003.95	6	642.05	6	279.53	6		6		6	
1/4	2,444.77	1/4	2,082.24	1/4	1,719.70	1/4	1,357.17	1/4	996.45	1/4	634.50	1/4	271.98	1/4		1/4		1/4	
1/2	2,437.22	1/2	2,074.68	1/2	1,712.15	1/2	1,349.62	1/2	988.95	1/2	626.95	1/2	264.43	1/2		1/2		1/2	
3/4	2,429.67	3/4	2,067.13	3/4	1,704.60	3/4	1,342.06	3/4	981.45	3/4	619.40	3/4	256.88	3/4		3/4		3/4	
7	2,422.11	7	2,059.58	7	1,697.04	7	1,334.51	7	973.95	7	611.84	7	249.32	7		7		7	
1/4	2,414.56	1/4	2,052.03	1/4	1,689.49	1/4	1,326.96	1/4	966.45	1/4	604.29	1/4	241.77	1/4		1/4		1/4	
1/2	2,407.01	1/2	2,044.47	1/2	1,681.94	1/2	1,319.40	1/2	958.95	1/2	596.74	1/2	234.22	1/2		1/2		1/2	
3/4	2,399.45	3/4	2,036.92	3/4	1,674.39	3/4	1,311.85	3/4	951.44	3/4	589.19	3/4	226.67	3/4		3/4		3/4	
8	2,391.90	8	2,029.37	8	1,666.83	8	1,304.30	8	943.94	8	581.63	8	219.11	8		8		8	
1/4	2,384.35	1/4	2,021.81	1/4	1,659.28	1/4	1,296.75	1/4	936.44	1/4	574.08	1/4	211.56	1/4		1/4		1/4	
1/2	2,376.80	1/2	2,014.26	1/2	1,651.73	1/2	1,289.19	1/2	928.93	1/2	566.53	1/2	204.01	1/2		1/2		1/2	
3/4	2,369.24	3/4	2,006.71	3/4	1,644.17	3/4	1,281.64	3/4	921.42	3/4	558.98	3/4	196.46	3/4		3/4		3/4	
9	2,361.69	9	1,999.16	9	1,636.62	9	1,274.09	9	913.90	9	551.42	9	188.90	9		9		9	
1/4	2,354.14	1/4	1,991.60	1/4	1,629.07	1/4	1,266.53	1/4	906.39	1/4	543.87	1/4	181.35	1/4		1/4		1/4	
1/2	2,346.59	1/2	1,984.05	1/2	1,621.52	1/2	1,259.02	1/2	898.84	1/2	536.32	1/2	173.80	1/2		1/2		1/2	
3/4	2,339.03	3/4	1,976.50	3/4	1,613.96	3/4	1,251.51	3/4	891.29	3/4	528.77	3/4	166.25	3/4		3/4		3/4	
10	2,331.48	10	1,968.95	10	1,606.41	10	1,244.00	10	883.73	10	521.21	10	158.70	10		10		10	
1/4	2,323.93	1/4	1,961.39	1/4	1,598.86	1/4	1,236.48	1/4	876.18	1/4	513.66	1/4	151.15	1/4		1/4		1/4	
1/2	2,316.37	1/2	1,953.84	1/2	1,591.31	1/2	1,228.98	1/2	868.63	1/2	506.11	1/2	143.60	1/2		1/2		1/2	
3/4	2,308.82	3/4	1,946.29	3/4	1,583.75	3/4	1,221.48	3/4	861.08	3/4	498.56	3/4	136.06	3/4		3/4		3/4	
11	2,301.27	11	1,938.73	11	1,576.20	11	1,213.98	11	853.52	11	491.00	11	128.52	11		11		11	
1/4	2,293.72	1/4	1,931.18	1/4	1,568.65	1/4	1,206.48	1/4	845.97	1/4	483.45	1/4	120.98	1/4		1/4		1/4	
1/2	2,286.16	1/2	1,923.63	1/2	1,561.09	1/2	1,198.98	1/2	838.42	1/2	475.90	1/2	113.46	1/2		1/2		1/2	
3/4	2,278.61	3/4	1,916.08	3/4	1,553.54	3/4	1,191.48	3/4	830.87	3/4	468.35	3/4	105.94	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 29073"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					5,106.15				4,772.56				4,058.27				3,335.55		2,974.19
1/4	1/4	1/4	1/4	1/4	5,099.42	1/4	1/4	1/4	4,765.40	1/4	1/4	1/4	4,050.74	1/4	1/4	1/4	3,328.02	1/4	2,966.66
1/2	1/2	1/2	1/2	1/2	5,092.69	1/2	1/2	1/2	4,758.24	1/2	1/2	1/2	4,043.21	1/2	1/2	1/2	3,320.49	1/2	2,959.13
3/4	3/4	3/4	3/4	3/4	5,085.96	3/4	3/4	3/4	4,751.09	3/4	3/4	3/4	4,035.68	3/4	3/4	3/4	3,312.96	3/4	2,951.61
1	1	1	1	1	5,079.20	1	1	1	4,743.90	1	1	1	4,028.15	1	1	1	3,305.44	1	2,944.08
1/4	1/4	1/4	1/4	1/4	5,072.44	1/4	1/4	1/4	4,736.71	1/4	1/4	1/4	4,020.62	1/4	1/4	1/4	3,297.91	1/4	2,936.55
1/2	1/2	1/2	1/2	1/2	5,065.68	1/2	1/2	1/2	4,729.53	1/2	1/2	1/2	4,013.10	1/2	1/2	1/2	3,290.38	1/2	2,929.02
3/4	3/4	3/4	3/4	3/4	5,058.92	3/4	3/4	3/4	4,722.34	3/4	3/4	3/4	4,005.57	3/4	3/4	3/4	3,282.85	3/4	2,921.49
2	2	2	2	2	5,052.13	2	2	2	4,715.09	2	2	2	3,998.04	2	2	2	3,275.32	2	2,913.96
1/4	1/4	1/4	1/4	1/4	5,045.34	1/4	1/4	1/4	4,707.85	1/4	1/4	1/4	3,990.51	1/4	1/4	1/4	3,267.79	1/4	2,906.44
1/2	1/2	1/2	1/2	1/2	5,038.55	1/2	1/2	1/2	4,700.60	1/2	1/2	1/2	3,982.98	1/2	1/2	1/2	3,260.27	1/2	2,898.91
3/4	3/4	3/4	3/4	3/4	5,031.76	3/4	3/4	3/4	4,693.36	3/4	3/4	3/4	3,975.45	3/4	3/4	3/4	3,252.74	3/4	2,891.38
3	3	3	3	3	5,024.94	3	3	3	4,686.08	3	3	3	3,967.93	3	3	3	3,245.21	3	2,883.85
1/4	1/4	1/4	1/4	1/4	5,018.12	1/4	1/4	1/4	4,678.81	1/4	1/4	1/4	3,960.40	1/4	1/4	1/4	3,237.68	1/4	2,876.32
1/2	1/2	1/2	1/2	1/2	5,011.30	1/2	1/2	1/2	4,671.53	1/2	1/2	1/2	3,952.87	1/2	1/2	1/2	3,230.15	1/2	2,868.79
3/4	3/4	3/4	3/4	3/4	5,004.48	3/4	3/4	3/4	4,664.25	3/4	3/4	3/4	3,945.34	3/4	3/4	3/4	3,222.62	3/4	2,861.27
4	4	4	4	4	4,997.55	4	4	4	4,656.95	4	4	4	3,937.81	4	4	4	3,215.10	4	2,853.74
1/4	1/4	1/4	1/4	1/4	4,990.63	1/4	1/4	1/4	4,649.64	1/4	1/4	1/4	3,930.28	1/4	1/4	1/4	3,207.57	1/4	2,846.21
1/2	1/2	1/2	1/2	1/2	4,983.71	1/2	1/2	1/2	4,642.34	1/2	1/2	1/2	3,922.76	1/2	1/2	1/2	3,200.04	1/2	2,838.68
3/4	3/4	3/4	3/4	3/4	4,976.79	3/4	3/4	3/4	4,635.03	3/4	3/4	3/4	3,915.23	3/4	3/4	3/4	3,192.51	3/4	2,831.15
5	5	5	5	5	4,969.84	5	5	5	4,627.70	5	5	5	3,907.70	5	5	5	3,184.98	5	2,823.62
1/4	1/4	1/4	1/4	1/4	4,962.89	1/4	1/4	1/4	4,620.36	1/4	1/4	1/4	3,900.17	1/4	1/4	1/4	3,177.45	1/4	2,816.10
1/2	1/2	1/2	1/2	1/2	4,955.94	1/2	1/2	1/2	4,613.03	1/2	1/2	1/2	3,892.64	1/2	1/2	1/2	3,169.93	1/2	2,808.57
3/4	3/4	3/4	3/4	3/4	4,948.99	3/4	3/4	3/4	4,605.69	3/4	3/4	3/4	3,885.11	3/4	3/4	3/4	3,162.40	3/4	2,801.04
6	6	6	6	6	4,942.01	6	6	6	4,598.33	6	6	6	3,877.59	6	6	6	3,154.87	6	2,793.51
1/4	1/4	1/4	1/4	1/4	4,935.03	1/4	1/4	1/4	4,590.96	1/4	1/4	1/4	3,870.06	1/4	1/4	1/4	3,147.34	1/4	2,785.98
1/2	1/2	1/2	1/2	1/2	4,928.05	1/2	1/2	1/2	4,583.60	1/2	1/2	1/2	3,862.53	1/2	1/2	1/2	3,139.81	1/2	2,778.45
3/4	3/4	3/4	3/4	3/4	5,229.70	3/4	3/4	3/4	4,921.07	3/4	3/4	3/4	3,855.00	3/4	3/4	3/4	3,132.28	3/4	2,770.93
7	7	7	7	7	4,914.06	7	7	7	4,568.84	7	7	7	3,847.47	7	7	7	3,124.76	7	2,763.40
1/4	1/4	1/4	1/4	1/4	5,225.38	1/4	1/4	1/4	4,907.05	1/4	1/4	1/4	3,839.95	1/4	1/4	1/4	3,117.23	1/4	2,755.87
1/2	1/2	1/2	1/2	1/2	5,221.06	1/2	1/2	1/2	4,900.05	1/2	1/2	1/2	3,832.42	1/2	1/2	1/2	3,109.70	1/2	2,748.34
3/4	3/4	3/4	3/4	3/4	5,216.74	3/4	3/4	3/4	4,893.04	3/4	3/4	3/4	3,824.89	3/4	3/4	3/4	3,102.17	3/4	2,740.81
8	8	8	8	8	4,893.04	8	8	8	4,546.66	8	8	8	3,817.36	8	8	8	3,094.64	8	2,733.28
1/4	1/4	1/4	1/4	1/4	5,206.87	1/4	1/4	1/4	4,886.00	1/4	1/4	1/4	3,810.83	1/4	1/4	1/4	3,087.12	1/4	2,725.76
1/2	1/2	1/2	1/2	1/2	5,201.33	1/2	1/2	1/2	4,878.96	1/2	1/2	1/2	3,803.30	1/2	1/2	1/2	3,079.59	1/2	2,718.23
3/4	3/4	3/4	3/4	3/4	5,195.78	3/4	3/4	3/4	4,871.92	3/4	3/4	3/4	3,795.78	3/4	3/4	3/4	3,072.06	3/4	2,710.70
9	9	9	9	9	5,190.23	9	9	9	4,864.89	9	9	9	3,788.25	9	9	9	3,064.53	9	2,703.17
1/4	1/4	1/4	1/4	1/4	5,184.22	1/4	1/4	1/4	4,857.82	1/4	1/4	1/4	3,780.72	1/4	1/4	1/4	3,057.00	1/4	2,695.64
1/2	1/2	1/2	1/2	1/2	5,178.21	1/2	1/2	1/2	4,850.75	1/2	1/2	1/2	3,773.19	1/2	1/2	1/2	3,049.47	1/2	2,688.12
3/4	3/4	3/4	3/4	3/4	5,172.20	3/4	3/4	3/4	4,843.68	3/4	3/4	3/4	3,765.66	3/4	3/4	3/4	3,041.95	3/4	2,680.59
10	10	10	10	10	5,166.19	10	10	10	4,836.61	10	10	10	3,758.13	10	10	10	3,034.42	10	2,673.06
1/4	1/4	1/4	1/4	1/4	5,159.55	1/4	1/4	1/4	4,829.52	1/4	1/4	1/4	3,750.60	1/4	1/4	1/4	3,026.89	1/4	2,665.53
1/2	1/2	1/2	1/2	1/2	5,152.91	1/2	1/2	1/2	4,822.42	1/2	1/2	1/2	3,743.07	1/2	1/2	1/2	3,019.36	1/2	2,658.00
3/4	3/4	3/4	3/4	3/4	5,146.28	3/4	3/4	3/4	4,815.32	3/4	3/4	3/4	3,735.54	3/4	3/4	3/4	3,011.83	3/4	2,650.47
11	11	11	11	11	5,139.64	11	11	11	4,808.22	11	11	11	3,728.01	11	11	11	3,004.30	11	2,642.95
1/4	1/4	1/4	1/4	1/4	5,132.95	1/4	1/4	1/4	4,801.10	1/4	1/4	1/4	3,720.48	1/4	1/4	1/4	2,996.78	1/4	2,635.42
1/2	1/2	1/2	1/2	1/2	5,126.26	1/2	1/2	1/2	4,793.97	1/2	1/2	1/2	3,712.95	1/2	1/2	1/2	2,989.25	1/2	2,627.89
3/4	3/4	3/4	3/4	3/4	5,119.57	3/4	3/4	3/4	4,786.84	3/4	3/4	3/4	3,705.42	3/4	3/4	3/4	2,981.72	3/4	2,620.36
12	12	12	12	12	5,112.88	12	12	12	4,779.71	12	12	12	3,697.89	12	12	12	2,974.19	12	2,612.83

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 29073"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 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	2,612.83	0	2,251.34	0	1,889.85	0	1,528.37	0	1,166.99	0	805.88	0	444.41	0	83.75	0		0	
1/4	2,605.30	1/4	2,243.81	1/4	1,882.32	1/4	1,520.83	1/4	1,159.47	1/4	798.35	1/4	436.88	1/4	76.85	1/4		1/4	
1/2	2,597.77	1/2	2,236.28	1/2	1,874.79	1/2	1,513.30	1/2	1,151.95	1/2	790.82	1/2	429.34	1/2	69.95	1/2		1/2	
3/4	2,590.24	3/4	2,228.75	3/4	1,867.26	3/4	1,505.77	3/4	1,144.43	3/4	783.29	3/4	421.81	3/4	63.04	3/4		3/4	
1	2,582.71	1	2,221.22	1	1,859.73	1	1,498.24	1	1,136.91	1	775.76	1	414.28	1	57.40	1		1	
1/4	2,575.17	1/4	2,213.69	1/4	1,852.20	1/4	1,490.71	1/4	1,129.39	1/4	768.23	1/4	406.75	1/4	51.75	1/4		1/4	
1/2	2,567.64	1/2	2,206.16	1/2	1,844.67	1/2	1,483.18	1/2	1,121.88	1/2	760.70	1/2	399.22	1/2	46.10	1/2		1/2	
3/4	2,560.11	3/4	2,198.62	3/4	1,837.14	3/4	1,475.65	3/4	1,114.36	3/4	753.17	3/4	391.69	3/4	40.45	3/4		3/4	
2	2,552.58	2	2,191.09	2	1,829.61	2	1,468.12	2	1,106.84	2	745.64	2	384.16	2	36.06	2		2	
1/4	2,545.05	1/4	2,183.56	1/4	1,822.07	1/4	1,460.59	1/4	1,099.32	1/4	738.11	1/4	376.63	1/4	31.67	1/4		1/4	
1/2	2,537.52	1/2	2,176.03	1/2	1,814.54	1/2	1,453.06	1/2	1,091.80	1/2	730.58	1/2	369.10	1/2	27.28	1/2		1/2	
3/4	2,529.99	3/4	2,168.50	3/4	1,807.01	3/4	1,445.52	3/4	1,084.28	3/4	723.05	3/4	361.57	3/4	22.89	3/4		3/4	
3	2,522.46	3	2,160.97	3	1,799.48	3	1,437.99	3	1,076.76	3	715.52	3	354.04	3		3		3	
1/4	2,514.93	1/4	2,153.44	1/4	1,791.95	1/4	1,430.46	1/4	1,069.25	1/4	707.98	1/4	346.51	1/4		1/4		1/4	
1/2	2,507.40	1/2	2,145.91	1/2	1,784.42	1/2	1,422.93	1/2	1,061.73	1/2	700.45	1/2	338.98	1/2		1/2		1/2	
3/4	2,499.86	3/4	2,138.38	3/4	1,776.89	3/4	1,415.40	3/4	1,054.21	3/4	692.92	3/4	331.44	3/4		3/4		3/4	
4	2,492.33	4	2,130.85	4	1,769.36	4	1,407.87	4	1,046.69	4	685.39	4	323.91	4		4		4	
1/4	2,484.80	1/4	2,123.31	1/4	1,761.83	1/4	1,400.34	1/4	1,039.17	1/4	677.86	1/4	316.38	1/4		1/4		1/4	
1/2	2,477.27	1/2	2,115.78	1/2	1,754.30	1/2	1,392.81	1/2	1,031.65	1/2	670.33	1/2	308.85	1/2		1/2		1/2	
3/4	2,469.74	3/4	2,108.25	3/4	1,746.76	3/4	1,385.28	3/4	1,024.13	3/4	662.80	3/4	301.32	3/4		3/4		3/4	
5	2,462.21	5	2,100.72	5	1,739.23	5	1,377.75	5	1,016.61	5	655.27	5	293.79	5		5		5	
1/4	2,454.68	1/4	2,093.19	1/4	1,731.70	1/4	1,370.21	1/4	1,009.10	1/4	647.74	1/4	286.26	1/4		1/4		1/4	
1/2	2,447.15	1/2	2,085.66	1/2	1,724.17	1/2	1,362.68	1/2	1,001.58	1/2	640.21	1/2	278.73	1/2		1/2		1/2	
3/4	2,439.62	3/4	2,078.13	3/4	1,716.64	3/4	1,355.15	3/4	994.06	3/4	632.68	3/4	271.20	3/4		3/4		3/4	
6	2,432.09	6	2,070.60	6	1,709.11	6	1,347.62	6	986.54	6	625.15	6	263.67	6		6		6	
1/4	2,424.55	1/4	2,063.07	1/4	1,701.58	1/4	1,340.09	1/4	979.02	1/4	617.61	1/4	256.14	1/4		1/4		1/4	
1/2	2,417.02	1/2	2,055.54	1/2	1,694.05	1/2	1,332.56	1/2	971.50	1/2	610.08	1/2	248.61	1/2		1/2		1/2	
3/4	2,409.49	3/4	2,048.00	3/4	1,686.52	3/4	1,325.03	3/4	963.98	3/4	602.55	3/4	241.07	3/4		3/4		3/4	
7	2,401.96	7	2,040.47	7	1,678.99	7	1,317.50	7	956.46	7	595.02	7	233.54	7		7		7	
1/4	2,394.43	1/4	2,032.94	1/4	1,671.45	1/4	1,309.97	1/4	948.95	1/4	587.49	1/4	226.01	1/4		1/4		1/4	
1/2	2,386.90	1/2	2,025.41	1/2	1,663.92	1/2	1,302.44	1/2	941.43	1/2	579.96	1/2	218.48	1/2		1/2		1/2	
3/4	2,379.37	3/4	2,017.88	3/4	1,656.39	3/4	1,294.90	3/4	933.91	3/4	572.43	3/4	210.95	3/4		3/4		3/4	
8	2,371.84	8	2,010.35	8	1,648.86	8	1,287.37	8	926.38	8	564.90	8	203.42	8		8		8	
1/4	2,364.31	1/4	2,002.82	1/4	1,641.33	1/4	1,279.84	1/4	918.85	1/4	557.37	1/4	195.89	1/4		1/4		1/4	
1/2	2,356.78	1/2	1,995.29	1/2	1,633.80	1/2	1,272.31	1/2	911.32	1/2	549.84	1/2	188.36	1/2		1/2		1/2	
3/4	2,349.24	3/4	1,987.76	3/4	1,626.27	3/4	1,264.78	3/4	903.79	3/4	542.31	3/4	180.83	3/4		3/4		3/4	
9	2,341.71	9	1,980.23	9	1,618.74	9	1,257.25	9	896.25	9	534.78	9	173.30	9		9		9	
1/4	2,334.18	1/4	1,972.69	1/4	1,611.21	1/4	1,249.72	1/4	888.72	1/4	527.25	1/4	165.77	1/4		1/4		1/4	
1/2	2,326.65	1/2	1,965.16	1/2	1,603.68	1/2	1,242.19	1/2	881.19	1/2	519.71	1/2	158.24	1/2		1/2		1/2	
3/4	2,319.12	3/4	1,957.63	3/4	1,596.14	3/4	1,234.66	3/4	873.66	3/4	512.18	3/4	150.71	3/4		3/4		3/4	
10	2,311.59	10	1,950.10	10	1,588.61	10	1,227.14	10	866.13	10	504.65	10	143.19	10		10		10	
1/4	2,304.06	1/4	1,942.57	1/4	1,581.08	1/4	1,219.62	1/4	858.60	1/4	497.12	1/4	135.67	1/4		1/4		1/4	
1/2	2,296.53	1/2	1,935.04	1/2	1,573.55	1/2	1,212.10	1/2	851.07	1/2	489.59	1/2	128.15	1/2		1/2		1/2	
3/4	2,289.00	3/4	1,927.51	3/4	1,566.02	3/4	1,204.58	3/4	843.54	3/4	482.06	3/4	120.63	3/4		3/4		3/4	
11	2,281.47	11	1,919.98	11	1,558.49	11	1,197.06	11	836.01	11	474.53	11	113.13	11		11		11	
1/4	2,273.93	1/4	1,912.45	1/4	1,550.96	1/4	1,189.54	1/4	828.48	1/4	467.00	1/4	105.64	1/4		1/4		1/4	
1/2	2,266.40	1/2	1,904.92	1/2	1,543.43	1/2	1,182.03	1/2	820.95	1/2	459.47	1/2	98.14	1/2		1/2		1/2	
3/4	2,258.87	3/4	1,897.38	3/4	1,535.90	3/4	1,174.51	3/4	813.42	3/4	451.94	3/4	90.65	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 29073"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-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	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	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	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	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	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	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	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	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	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	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	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 CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 29073"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-03"

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	2,604.49	0	2,243.00	0	1,881.51	0	1,520.01	0	1,162.59	0	813.42	0	451.94	0	90.65	0		0	
1/4	2,596.96	1/4	2,235.47	1/4	1,873.98	1/4	1,512.48	1/4	1,155.40	1/4	805.89	1/4	444.41	1/4	83.75	1/4		1/4	
1/2	2,589.43	1/2	2,227.94	1/2	1,866.44	1/2	1,504.95	1/2	1,148.22	1/2	798.36	1/2	436.88	1/2	76.85	1/2		1/2	
3/4	2,581.90	3/4	2,220.41	3/4	1,858.91	3/4	1,497.42	3/4	1,141.03	3/4	790.83	3/4	429.35	3/4	69.95	3/4		3/4	
1	2,574.37	1	2,212.88	1	1,851.38	1	1,489.89	1	1,133.84	1	783.30	1	421.82	1	63.05	1		1	
1/4	2,566.84	1/4	2,205.34	1/4	1,843.85	1/4	1,482.36	1/4	1,126.65	1/4	775.77	1/4	414.29	1/4	57.40	1/4		1/4	
1/2	2,559.31	1/2	2,197.81	1/2	1,836.32	1/2	1,474.83	1/2	1,119.46	1/2	768.24	1/2	406.76	1/2	51.75	1/2		1/2	
3/4	2,551.77	3/4	2,190.28	3/4	1,828.79	3/4	1,467.30	3/4	1,112.28	3/4	760.70	3/4	399.23	3/4	46.11	3/4		3/4	
2	2,544.24	2	2,182.75	2	1,821.26	2	1,459.77	2	1,105.09	2	753.17	2	391.70	2	40.46	2		2	
1/4	2,536.71	1/4	2,175.22	1/4	1,813.73	1/4	1,452.23	1/4	1,097.90	1/4	745.64	1/4	384.16	1/4	36.07	1/4		1/4	
1/2	2,529.18	1/2	2,167.69	1/2	1,806.20	1/2	1,444.70	1/2	1,090.71	1/2	738.11	1/2	376.63	1/2	31.68	1/2		1/2	
3/4	2,521.65	3/4	2,160.16	3/4	1,798.66	3/4	1,437.17	3/4	1,083.53	3/4	730.58	3/4	369.10	3/4	27.28	3/4		3/4	
3	2,514.12	3	2,152.63	3	1,791.13	3	1,429.64	3	1,076.34	3	723.05	3	361.57	3	22.89	3		3	
1/4	2,506.59	1/4	2,145.10	1/4	1,783.60	1/4	1,422.11	1/4	1,069.15	1/4	715.52	1/4	354.04	1/4		1/4		1/4	
1/2	2,499.06	1/2	2,137.56	1/2	1,776.07	1/2	1,414.58	1/2	1,061.96	1/2	707.99	1/2	346.51	1/2		1/2		1/2	
3/4	2,491.53	3/4	2,130.03	3/4	1,768.54	3/4	1,407.05	3/4	1,054.78	3/4	700.46	3/4	338.98	3/4		3/4		3/4	
4	2,483.99	4	2,122.50	4	1,761.01	4	1,399.52	4	1,047.59	4	692.93	4	331.45	4		4		4	
1/4	2,476.46	1/4	2,114.97	1/4	1,753.48	1/4	1,391.99	1/4	1,040.40	1/4	685.40	1/4	323.92	1/4		1/4		1/4	
1/2	2,468.93	1/2	2,107.44	1/2	1,745.95	1/2	1,384.45	1/2	1,033.21	1/2	677.87	1/2	316.39	1/2		1/2		1/2	
3/4	2,461.40	3/4	2,099.91	3/4	1,738.42	3/4	1,376.92	3/4	1,026.02	3/4	670.33	3/4	308.86	3/4		3/4		3/4	
5	2,453.87	5	2,092.38	5	1,730.88	5	1,369.39	5	1,018.84	5	662.80	5	301.33	5		5		5	
1/4	2,446.34	1/4	2,084.85	1/4	1,723.35	1/4	1,361.86	1/4	1,011.65	1/4	655.27	1/4	293.79	1/4		1/4		1/4	
1/2	2,438.81	1/2	2,077.32	1/2	1,715.82	1/2	1,354.33	1/2	1,004.46	1/2	647.74	1/2	286.26	1/2		1/2		1/2	
3/4	2,431.28	3/4	2,069.78	3/4	1,708.29	3/4	1,346.80	3/4	997.27	3/4	640.21	3/4	278.73	3/4		3/4		3/4	
6	2,423.75	6	2,062.25	6	1,700.76	6	1,339.27	6	990.09	6	632.68	6	271.20	6		6		6	
1/4	2,416.21	1/4	2,054.72	1/4	1,693.23	1/4	1,331.74	1/4	982.90	1/4	625.15	1/4	263.67	1/4		1/4		1/4	
1/2	2,408.68	1/2	2,047.19	1/2	1,685.70	1/2	1,324.21	1/2	975.71	1/2	617.62	1/2	256.14	1/2		1/2		1/2	
3/4	2,401.15	3/4	2,039.66	3/4	1,678.17	3/4	1,316.67	3/4	968.52	3/4	610.09	3/4	248.61	3/4		3/4		3/4	
7	2,393.62	7	2,032.13	7	1,670.64	7	1,309.14	7	961.34	7	602.56	7	241.08	7		7		7	
1/4	2,386.09	1/4	2,024.60	1/4	1,663.10	1/4	1,301.61	1/4	954.15	1/4	595.03	1/4	233.55	1/4		1/4		1/4	
1/2	2,378.56	1/2	2,017.07	1/2	1,655.57	1/2	1,294.08	1/2	946.96	1/2	587.50	1/2	226.02	1/2		1/2		1/2	
3/4	2,371.03	3/4	2,009.54	3/4	1,648.04	3/4	1,286.55	3/4	939.77	3/4	579.97	3/4	218.49	3/4		3/4		3/4	
8	2,363.50	8	2,002.00	8	1,640.51	8	1,279.02	8	932.58	8	572.43	8	210.96	8		8		8	
1/4	2,355.97	1/4	1,994.47	1/4	1,632.98	1/4	1,271.49	1/4	925.39	1/4	564.90	1/4	203.43	1/4		1/4		1/4	
1/2	2,348.44	1/2	1,986.94	1/2	1,625.45	1/2	1,263.96	1/2	918.19	1/2	557.37	1/2	195.89	1/2		1/2		1/2	
3/4	2,340.90	3/4	1,979.41	3/4	1,617.92	3/4	1,256.43	3/4	910.99	3/4	549.84	3/4	188.36	3/4		3/4		3/4	
9	2,333.37	9	1,971.88	9	1,610.39	9	1,248.89	9	903.79	9	542.31	9	180.83	9		9		9	
1/4	2,325.84	1/4	1,964.35	1/4	1,602.86	1/4	1,241.69	1/4	896.26	1/4	534.78	1/4	173.30	1/4		1/4		1/4	
1/2	2,318.31	1/2	1,956.82	1/2	1,595.33	1/2	1,234.49	1/2	888.73	1/2	527.25	1/2	165.77	1/2		1/2		1/2	
3/4	2,310.78	3/4	1,949.29	3/4	1,587.79	3/4	1,227.29	3/4	881.20	3/4	519.72	3/4	158.24	3/4		3/4		3/4	
10	2,303.25	10	1,941.76	10	1,580.26	10	1,220.09	10	873.67	10	512.19	10	150.71	10		10		10	
1/4	2,295.72	1/4	1,934.22	1/4	1,572.73	1/4	1,212.90	1/4	866.14	1/4	504.66	1/4	143.19	1/4		1/4		1/4	
1/2	2,288.19	1/2	1,926.69	1/2	1,565.20	1/2	1,205.72	1/2	858.60	1/2	497.13	1/2	135.67	1/2		1/2		1/2	
3/4	2,280.66	3/4	1,919.16	3/4	1,557.67	3/4	1,198.53	3/4	851.07	3/4	489.60	3/4	128.15	3/4		3/4		3/4	
11	2,273.12	11	1,911.63	11	1,550.14	11	1,191.34	11	843.54	11	482.06	11	120.63	11		11		11	
1/4	2,265.59	1/4	1,904.10	1/4	1,542.61	1/4	1,184.15	1/4	836.01	1/4	474.53	1/4	113.14	1/4		1/4		1/4	
1/2	2,258.06	1/2	1,896.57	1/2	1,535.08	1/2	1,176.97	1/2	828.48	1/2	467.00	1/2	105.64	1/2		1/2		1/2	
3/4	2,250.53	3/4	1,889.04	3/4	1,527.55	3/4	1,169.78	3/4	820.95	3/4	459.47	3/4	98.15	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29073"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4	4,350.09	1/4	4,171.12	1/4	3,981.86	1/4	3,788.31	1/4	3,594.75	1/4	3,312.01	1/4	2,953.59
1/2		1/2		1/2		1/2	4,346.48	1/2	4,167.28	1/2	3,977.83	1/2	3,784.28	1/2	3,590.72	1/2	3,304.56	1/2	2,946.11
3/4		3/4		3/4		3/4	4,342.88	3/4	4,163.45	3/4	3,973.80	3/4	3,780.24	3/4	3,586.69	3/4	3,297.11	3/4	2,938.63
1		1		1		1	4,339.26	1	4,159.60	1	3,969.77	1	3,776.21	1	3,582.66	1	3,289.66	1	2,931.14
1/4		1/4		1/4		1/4	4,335.63	1/4	4,155.75	1/4	3,965.73	1/4	3,772.18	1/4	3,578.62	1/4	3,285.21	1/4	2,923.66
1/2		1/2		1/2		1/2	4,332.01	1/2	4,151.90	1/2	3,961.70	1/2	3,768.15	1/2	3,574.59	1/2	3,274.76	1/2	2,916.18
3/4		3/4		3/4		3/4	4,328.39	3/4	4,148.05	3/4	3,957.67	3/4	3,764.11	3/4	3,570.56	3/4	3,267.32	3/4	2,908.69
2		2		2		2	4,324.75	2	4,144.16	2	3,953.64	2	3,760.08	2	3,566.53	2	3,259.87	2	2,901.21
1/4		1/4		1/4		1/4	4,321.11	1/4	4,140.28	1/4	3,949.61	1/4	3,756.05	1/4	3,562.49	1/4	3,255.42	1/4	2,893.73
1/2		1/2		1/2		1/2	4,317.48	1/2	4,136.40	1/2	3,945.57	1/2	3,752.02	1/2	3,558.46	1/2	3,244.97	1/2	2,886.25
3/4		3/4		3/4		3/4	4,313.84	3/4	4,132.52	3/4	3,941.54	3/4	3,747.99	3/4	3,554.43	3/4	3,237.52	3/4	2,878.76
3		3		3		3	4,310.19	3	4,128.62	3	3,937.51	3	3,743.95	3	3,550.40	3	3,230.07	3	2,871.28
1/4		1/4		1/4		1/4	4,306.53	1/4	4,124.73	1/4	3,933.48	1/4	3,739.92	1/4	3,546.37	1/4	3,222.63	1/4	2,863.80
1/2		1/2		1/2		1/2	4,302.88	1/2	4,120.83	1/2	3,929.44	1/2	3,735.89	1/2	3,542.33	1/2	3,215.18	1/2	2,856.32
3/4		3/4		3/4		3/4	4,299.22	3/4	4,116.93	3/4	3,925.41	3/4	3,731.86	3/4	3,538.30	3/4	3,207.73	3/4	2,848.83
4		4		4		4	4,295.52	4	4,113.02	4	3,921.38	4	3,727.82	4	3,534.27	4	3,200.28	4	2,841.35
1/4		1/4		1/4		1/4	4,291.81	1/4	4,109.10	1/4	3,917.35	1/4	3,723.79	1/4	3,530.24	1/4	3,192.83	1/4	2,833.87
1/2		1/2		1/2		1/2	4,288.10	1/2	4,105.19	1/2	3,913.31	1/2	3,719.76	1/2	3,526.20	1/2	3,185.38	1/2	2,826.39
3/4		3/4		3/4		3/4	4,284.39	3/4	4,101.28	3/4	3,909.28	3/4	3,715.73	3/4	3,522.17	3/4	3,177.93	3/4	2,818.90
5		5		5		5	4,280.67	5	4,097.35	5	3,905.25	5	3,711.69	5	3,518.14	5	3,170.49	5	2,811.42
1/4		1/4		1/4		1/4	4,276.95	1/4	4,093.42	1/4	3,901.22	1/4	3,707.66	1/4	3,514.11	1/4	3,163.04	1/4	2,803.94
1/2		1/2		1/2		1/2	4,273.22	1/2	4,089.49	1/2	3,897.18	1/2	3,703.63	1/2	3,510.07	1/2	3,155.59	1/2	2,796.45
3/4		3/4		3/4		3/4	4,269.50	3/4	4,085.56	3/4	3,893.15	3/4	3,699.60	3/4	3,506.04	3/4	3,148.14	3/4	2,788.97
6		6		6		6	4,265.76	6	4,081.62	6	3,889.12	6	3,695.56	6	3,498.58	6	3,140.66	6	2,781.47
1/4		1/4		1/4		1/4	4,262.02	1/4	4,077.67	1/4	3,885.09	1/4	3,691.53	1/4	3,491.11	1/4	3,133.18	1/4	2,773.98
1/2		1/2		1/2		1/2	4,258.28	1/2	4,073.73	1/2	3,881.05	1/2	3,687.50	1/2	3,483.65	1/2	3,125.69	1/2	2,766.48
3/4		3/4		3/4		3/4	4,409.40	3/4	4,254.54	3/4	4,069.78	3/4	3,877.02	3/4	3,683.47	3/4	3,476.18	3/4	3,118.21
7		7		7		7	4,408.53	7	4,250.78	7	4,065.82	7	3,872.99	7	3,679.43	7	3,468.72	7	3,110.73
1/4		1/4		1/4		1/4	4,407.66	1/4	4,247.03	1/4	4,061.86	1/4	3,868.96	1/4	3,675.40	1/4	3,461.26	1/4	3,103.24
1/2		1/2		1/2		1/2	4,406.79	1/2	4,243.27	1/2	4,057.90	1/2	3,864.92	1/2	3,671.37	1/2	3,453.79	1/2	3,095.76
3/4		3/4		3/4		3/4	4,405.92	3/4	4,239.52	3/4	4,053.94	3/4	3,860.89	3/4	3,667.34	3/4	3,446.33	3/4	3,088.28
8		8		8		8	4,403.82	8	4,235.74	8	4,049.96	8	3,856.86	8	3,663.30	8	3,438.86	8	3,080.80
1/4		1/4		1/4		1/4	4,401.71	1/4	4,231.97	1/4	4,045.98	1/4	3,852.83	1/4	3,659.27	1/4	3,431.40	1/4	3,073.31
1/2		1/2		1/2		1/2	4,399.60	1/2	4,228.20	1/2	4,042.01	1/2	3,848.80	1/2	3,655.24	1/2	3,423.94	1/2	3,065.83
3/4		3/4		3/4		3/4	4,397.50	3/4	4,224.43	3/4	4,038.03	3/4	3,844.76	3/4	3,651.21	3/4	3,416.47	3/4	3,058.35
9		9		9		9	4,394.57	9	4,220.64	9	4,034.04	9	3,840.73	9	3,647.18	9	3,409.01	9	3,050.87
1/4		1/4		1/4		1/4	4,391.63	1/4	4,216.85	1/4	4,030.05	1/4	3,836.70	1/4	3,643.14	1/4	3,401.54	1/4	3,043.38
1/2		1/2		1/2		1/2	4,388.70	1/2	4,213.07	1/2	4,026.05	1/2	3,832.67	1/2	3,639.11	1/2	3,394.08	1/2	3,035.90
3/4		3/4		3/4		3/4	4,385.77	3/4	4,209.28	3/4	4,022.06	3/4	3,828.63	3/4	3,635.08	3/4	3,386.62	3/4	3,028.42
10		10		10		10	4,382.23	10	4,205.48	10	4,018.05	10	3,824.60	10	3,631.05	10	3,379.15	10	3,020.94
1/4		1/4		1/4		1/4	4,378.69	1/4	4,201.67	1/4	4,014.04	1/4	3,820.57	1/4	3,627.01	1/4	3,371.69	1/4	3,013.45
1/2		1/2		1/2		1/2	4,375.15	1/2	4,197.87	1/2	4,010.03	1/2	3,816.54	1/2	3,622.98	1/2	3,364.22	1/2	3,005.97
3/4		3/4		3/4		3/4	4,371.62	3/4	4,194.07	3/4	4,006.03	3/4	3,812.50	3/4	3,618.95	3/4	3,356.76	3/4	2,998.49
11		11		11		11	4,368.04	11	4,190.25	11	4,002.00	11	3,808.47	11	3,614.92	11	3,349.30	11	2,991.00
1/4		1/4		1/4		1/4	4,364.46	1/4	4,186.43	1/4	3,997.98	1/4	3,804.44	1/4	3,610.88	1/4	3,341.83	1/4	2,983.52
1/2		1/2		1/2		1/2	4,360.88	1/2	4,182.61	1/2	3,993.95	1/2	3,800.41	1/2	3,606.85	1/2	3,334.37	1/2	2,976.04
3/4		3/4		3/4		3/4	4,357.30	3/4	4,178.79	3/4	3,989.93	3/4	3,796.37	3/4	3,602.82	3/4	3,326.90	3/4	2,968.56
							4,353.69		4,174.95		3,985.90		3,792.34		3,598.79		3,319.45		2,961.07

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29073"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 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	2,594.08	0	2,234.23	0	1,874.34	0	1,514.41	0	1,154.54	0	794.92	0	435.00	0	76.52	0		0	
1/4	2,586.58	1/4	2,226.73	1/4	1,866.84	1/4	1,506.91	1/4	1,147.05	1/4	787.42	1/4	427.50	1/4	69.65	1/4		1/4	
1/2	2,579.09	1/2	2,219.23	1/2	1,859.34	1/2	1,499.41	1/2	1,139.56	1/2	779.92	1/2	420.00	1/2	62.78	1/2		1/2	
3/4	2,571.59	3/4	2,211.74	3/4	1,851.84	3/4	1,491.91	3/4	1,132.08	3/4	772.42	3/4	412.51	3/4	57.16	3/4		3/4	
1	2,564.09	1	2,204.24	1	1,844.35	1	1,484.41	1	1,124.59	1	764.93	1	405.01	1	51.53	1		1	
1/4	2,556.60	1/4	2,196.74	1/4	1,836.85	1/4	1,476.91	1/4	1,117.10	1/4	757.43	1/4	397.51	1/4	45.91	1/4		1/4	
1/2	2,549.10	1/2	2,189.25	1/2	1,829.35	1/2	1,469.42	1/2	1,109.61	1/2	749.93	1/2	390.01	1/2	40.29	1/2		1/2	
3/4	2,541.60	3/4	2,181.75	3/4	1,821.85	3/4	1,461.92	3/4	1,102.12	3/4	742.43	3/4	382.51	3/4	35.92	3/4		3/4	
2	2,534.10	2	2,174.25	2	1,814.35	2	1,454.42	2	1,094.63	2	734.93	2	375.01	2	31.54	2		2	
1/4	2,526.61	1/4	2,166.76	1/4	1,806.85	1/4	1,446.92	1/4	1,087.14	1/4	727.43	1/4	367.52	1/4	27.17	1/4		1/4	
1/2	2,519.11	1/2	2,159.26	1/2	1,799.35	1/2	1,439.42	1/2	1,079.65	1/2	719.94	1/2	360.02	1/2	22.80	1/2		1/2	
3/4	2,511.61	3/4	2,151.76	3/4	1,791.86	3/4	1,431.92	3/4	1,072.16	3/4	712.44	3/4	352.52	3/4		3/4		3/4	
3	2,504.12	3	2,144.27	3	1,784.36	3	1,424.42	3	1,064.67	3	704.94	3	345.02	3		3		3	
1/4	2,496.62	1/4	2,136.77	1/4	1,776.86	1/4	1,416.93	1/4	1,057.18	1/4	697.44	1/4	337.52	1/4		1/4		1/4	
1/2	2,489.12	1/2	2,129.27	1/2	1,769.36	1/2	1,409.43	1/2	1,049.69	1/2	689.94	1/2	330.02	1/2		1/2		1/2	
3/4	2,481.63	3/4	2,121.78	3/4	1,761.86	3/4	1,401.93	3/4	1,042.21	3/4	682.44	3/4	322.53	3/4		3/4		3/4	
4	2,474.13	4	2,114.28	4	1,754.36	4	1,394.43	4	1,034.72	4	674.95	4	315.03	4		4		4	
1/4	2,466.63	1/4	2,106.78	1/4	1,746.86	1/4	1,386.93	1/4	1,027.23	1/4	667.45	1/4	307.53	1/4		1/4		1/4	
1/2	2,459.14	1/2	2,099.28	1/2	1,739.37	1/2	1,379.43	1/2	1,019.74	1/2	659.95	1/2	300.03	1/2		1/2		1/2	
3/4	2,451.64	3/4	2,091.79	3/4	1,731.87	3/4	1,371.93	3/4	1,012.25	3/4	652.45	3/4	292.53	3/4		3/4		3/4	
5	2,444.14	5	2,084.29	5	1,724.37	5	1,364.44	5	1,004.76	5	644.95	5	285.03	5		5		5	
1/4	2,436.64	1/4	2,076.79	1/4	1,716.87	1/4	1,356.94	1/4	997.27	1/4	637.45	1/4	277.54	1/4		1/4		1/4	
1/2	2,429.15	1/2	2,069.30	1/2	1,709.37	1/2	1,349.44	1/2	989.78	1/2	629.96	1/2	270.04	1/2		1/2		1/2	
3/4	2,421.65	3/4	2,061.80	3/4	1,701.87	3/4	1,341.94	3/4	982.29	3/4	622.46	3/4	262.54	3/4		3/4		3/4	
6	2,414.15	6	2,054.30	6	1,694.37	6	1,334.44	6	974.80	6	614.96	6	255.04	6		6		6	
1/4	2,406.66	1/4	2,046.81	1/4	1,686.87	1/4	1,326.94	1/4	967.31	1/4	607.46	1/4	247.54	1/4		1/4		1/4	
1/2	2,399.16	1/2	2,039.31	1/2	1,679.38	1/2	1,319.44	1/2	959.82	1/2	599.96	1/2	240.04	1/2		1/2		1/2	
3/4	2,391.66	3/4	2,031.81	3/4	1,671.88	3/4	1,311.94	3/4	952.33	3/4	592.46	3/4	232.55	3/4		3/4		3/4	
7	2,384.17	7	2,024.31	7	1,664.38	7	1,304.45	7	944.85	7	584.97	7	225.05	7		7		7	
1/4	2,376.67	1/4	2,016.81	1/4	1,656.88	1/4	1,296.95	1/4	937.36	1/4	577.47	1/4	217.55	1/4		1/4		1/4	
1/2	2,369.17	1/2	2,009.31	1/2	1,649.38	1/2	1,289.45	1/2	929.87	1/2	569.97	1/2	210.05	1/2		1/2		1/2	
3/4	2,361.68	3/4	2,001.82	3/4	1,641.88	3/4	1,281.95	3/4	922.37	3/4	562.47	3/4	202.55	3/4		3/4		3/4	
8	2,354.18	8	1,994.32	8	1,634.38	8	1,274.45	8	914.88	8	554.97	8	195.05	8		8		8	
1/4	2,346.68	1/4	1,986.82	1/4	1,626.89	1/4	1,266.95	1/4	907.39	1/4	547.47	1/4	187.56	1/4		1/4		1/4	
1/2	2,339.19	1/2	1,979.32	1/2	1,619.39	1/2	1,259.45	1/2	899.89	1/2	539.98	1/2	180.06	1/2		1/2		1/2	
3/4	2,331.69	3/4	1,971.82	3/4	1,611.89	3/4	1,251.96	3/4	892.40	3/4	532.48	3/4	172.56	3/4		3/4		3/4	
9	2,324.19	9	1,964.32	9	1,604.39	9	1,244.46	9	884.90	9	524.98	9	165.06	9		9		9	
1/4	2,316.69	1/4	1,956.82	1/4	1,596.89	1/4	1,236.96	1/4	877.40	1/4	517.48	1/4	157.57	1/4		1/4		1/4	
1/2	2,309.20	1/2	1,949.33	1/2	1,589.39	1/2	1,229.46	1/2	869.90	1/2	509.98	1/2	150.07	1/2		1/2		1/2	
3/4	2,301.70	3/4	1,941.83	3/4	1,581.89	3/4	1,221.96	3/4	862.40	3/4	502.48	3/4	142.58	3/4		3/4		3/4	
10	2,294.20	10	1,934.33	10	1,574.40	10	1,214.47	10	854.90	10	494.99	10	135.09	10		10		10	
1/4	2,286.71	1/4	1,926.83	1/4	1,566.90	1/4	1,206.97	1/4	847.41	1/4	487.49	1/4	127.61	1/4		1/4		1/4	
1/2	2,279.21	1/2	1,919.33	1/2	1,559.40	1/2	1,199.48	1/2	839.91	1/2	479.99	1/2	120.12	1/2		1/2		1/2	
3/4	2,271.71	3/4	1,911.83	3/4	1,551.90	3/4	1,191.99	3/4	832.41	3/4	472.49	3/4	112.65	3/4		3/4		3/4	
11	2,264.22	11	1,904.33	11	1,544.40	11	1,184.50	11	824.91	11	464.99	11	105.19	11		11		11	
1/4	2,256.72	1/4	1,896.84	1/4	1,536.90	1/4	1,177.01	1/4	817.41	1/4	457.50	1/4	97.73	1/4		1/4		1/4	
1/2	2,249.22	1/2	1,889.34	1/2	1,529.40	1/2	1,169.52	1/2	809.92	1/2	450.00	1/2	90.27	1/2		1/2		1/2	
3/4	2,241.73	3/4	1,881.84	3/4	1,521.91	3/4	1,162.03	3/4	802.42	3/4	442.50	3/4	83.39	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 29073"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 3/4"

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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29073"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HBC 306"

GAUGE HEIGHT 17'-02 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	2,578.89	0	2,219.71	0	1,860.50	0	1,501.24	0	1,145.13	0	801.21	0	441.84	0	83.28	0		0	
1/4	2,571.41	1/4	2,212.23	1/4	1,853.01	1/4	1,493.75	1/4	1,137.98	1/4	793.72	1/4	434.36	1/4	76.43	1/4		1/4	
1/2	2,563.93	1/2	2,204.75	1/2	1,845.53	1/2	1,486.27	1/2	1,130.83	1/2	786.23	1/2	426.87	1/2	69.58	1/2		1/2	
3/4	2,556.44	3/4	2,197.26	3/4	1,838.04	3/4	1,478.78	3/4	1,123.68	3/4	778.75	3/4	419.38	3/4	62.73	3/4		3/4	
1	2,548.96	1	2,189.78	1	1,830.56	1	1,471.36	1	1,116.53	1	771.26	1	411.90	1	57.12	1		1	
1/4	2,541.48	1/4	2,182.30	1/4	1,823.07	1/4	1,463.94	1/4	1,109.38	1/4	763.77	1/4	404.41	1/4	51.51	1/4		1/4	
1/2	2,533.99	1/2	2,174.82	1/2	1,815.59	1/2	1,456.51	1/2	1,102.24	1/2	756.29	1/2	396.92	1/2	45.90	1/2		1/2	
3/4	2,526.51	3/4	2,167.33	3/4	1,808.11	3/4	1,449.09	3/4	1,095.09	3/4	748.80	3/4	389.44	3/4	40.29	3/4		3/4	
2	2,519.03	2	2,159.85	2	1,800.62	2	1,441.67	2	1,087.94	2	741.31	2	381.95	2	35.91	2		2	
1/4	2,511.55	1/4	2,152.37	1/4	1,793.14	1/4	1,434.25	1/4	1,080.79	1/4	733.83	1/4	374.46	1/4	31.54	1/4		1/4	
1/2	2,504.06	1/2	2,144.88	1/2	1,785.65	1/2	1,426.82	1/2	1,073.64	1/2	726.34	1/2	366.98	1/2	27.17	1/2		1/2	
3/4	2,496.58	3/4	2,137.40	3/4	1,778.17	3/4	1,419.40	3/4	1,066.49	3/4	718.85	3/4	359.49	3/4	22.80	3/4		3/4	
3	2,489.10	3	2,129.92	3	1,770.68	3	1,411.98	3	1,059.34	3	711.37	3	352.00	3		3		3	
1/4	2,481.61	1/4	2,122.44	1/4	1,763.20	1/4	1,404.55	1/4	1,052.19	1/4	703.88	1/4	344.52	1/4		1/4		1/4	
1/2	2,474.13	1/2	2,114.95	1/2	1,755.71	1/2	1,397.13	1/2	1,045.04	1/2	696.39	1/2	337.03	1/2		1/2		1/2	
3/4	2,466.65	3/4	2,107.47	3/4	1,748.23	3/4	1,389.71	3/4	1,037.89	3/4	688.91	3/4	329.54	3/4		3/4		3/4	
4	2,459.17	4	2,099.99	4	1,740.74	4	1,382.29	4	1,030.74	4	681.42	4	322.06	4		4		4	
1/4	2,451.68	1/4	2,092.50	1/4	1,733.26	1/4	1,374.86	1/4	1,023.60	1/4	673.93	1/4	314.57	1/4		1/4		1/4	
1/2	2,444.20	1/2	2,085.02	1/2	1,725.78	1/2	1,367.44	1/2	1,016.45	1/2	666.45	1/2	307.08	1/2		1/2		1/2	
3/4	2,436.72	3/4	2,077.54	3/4	1,718.29	3/4	1,360.02	3/4	1,009.30	3/4	658.96	3/4	299.60	3/4		3/4		3/4	
5	2,429.23	5	2,070.05	5	1,710.81	5	1,352.59	5	1,002.15	5	651.47	5	292.11	5		5		5	
1/4	2,421.75	1/4	2,062.57	1/4	1,703.32	1/4	1,345.17	1/4	995.00	1/4	643.99	1/4	284.62	1/4		1/4		1/4	
1/2	2,414.27	1/2	2,055.09	1/2	1,695.84	1/2	1,337.75	1/2	987.85	1/2	636.50	1/2	277.14	1/2		1/2		1/2	
3/4	2,406.79	3/4	2,047.61	3/4	1,688.35	3/4	1,330.33	3/4	980.70	3/4	629.01	3/4	269.65	3/4		3/4		3/4	
6	2,399.30	6	2,040.12	6	1,680.87	6	1,322.90	6	973.55	6	621.53	6	262.16	6		6		6	
1/4	2,391.82	1/4	2,032.64	1/4	1,673.38	1/4	1,315.48	1/4	966.40	1/4	614.04	1/4	254.68	1/4		1/4		1/4	
1/2	2,384.34	1/2	2,025.16	1/2	1,665.90	1/2	1,308.06	1/2	959.25	1/2	606.55	1/2	247.19	1/2		1/2		1/2	
3/4	2,376.85	3/4	2,017.67	3/4	1,658.41	3/4	1,300.63	3/4	952.10	3/4	599.07	3/4	239.70	3/4		3/4		3/4	
7	2,369.37	7	2,010.19	7	1,650.93	7	1,293.21	7	944.96	7	591.58	7	232.22	7		7		7	
1/4	2,361.89	1/4	2,002.71	1/4	1,643.44	1/4	1,285.79	1/4	937.81	1/4	584.09	1/4	224.73	1/4		1/4		1/4	
1/2	2,354.40	1/2	1,995.22	1/2	1,635.96	1/2	1,278.36	1/2	930.66	1/2	576.61	1/2	217.24	1/2		1/2		1/2	
3/4	2,346.92	3/4	1,987.74	3/4	1,628.48	3/4	1,270.94	3/4	923.51	3/4	569.12	3/4	209.76	3/4		3/4		3/4	
8	2,339.44	8	1,980.25	8	1,620.99	8	1,263.52	8	916.36	8	561.63	8	202.27	8		8		8	
1/4	2,331.96	1/4	1,972.77	1/4	1,613.51	1/4	1,256.10	1/4	909.20	1/4	554.15	1/4	194.78	1/4		1/4		1/4	
1/2	2,324.47	1/2	1,965.28	1/2	1,606.02	1/2	1,248.67	1/2	902.05	1/2	546.66	1/2	187.30	1/2		1/2		1/2	
3/4	2,316.99	3/4	1,957.80	3/4	1,598.54	3/4	1,241.25	3/4	894.90	3/4	539.17	3/4	179.81	3/4		3/4		3/4	
9	2,309.51	9	1,950.31	9	1,591.05	9	1,233.84	9	887.73	9	531.68	9	172.32	9		9		9	
1/4	2,302.02	1/4	1,942.83	1/4	1,583.57	1/4	1,226.44	1/4	880.55	1/4	524.20	1/4	164.84	1/4		1/4		1/4	
1/2	2,294.54	1/2	1,935.34	1/2	1,576.08	1/2	1,219.03	1/2	873.38	1/2	516.71	1/2	157.35	1/2		1/2		1/2	
3/4	2,287.06	3/4	1,927.86	3/4	1,568.60	3/4	1,211.62	3/4	866.20	3/4	509.22	3/4	149.87	3/4		3/4		3/4	
10	2,279.58	10	1,920.37	10	1,561.11	10	1,204.22	10	859.03	10	501.74	10	142.39	10		10		10	
1/4	2,272.09	1/4	1,912.89	1/4	1,553.63	1/4	1,196.82	1/4	851.85	1/4	494.25	1/4	134.90	1/4		1/4		1/4	
1/2	2,264.61	1/2	1,905.41	1/2	1,546.14	1/2	1,189.41	1/2	844.68	1/2	486.76	1/2	127.42	1/2		1/2		1/2	
3/4	2,257.13	3/4	1,897.92	3/4	1,538.66	3/4	1,182.01	3/4	837.50	3/4	479.28	3/4	119.94	3/4		3/4		3/4	
11	2,249.64	11	1,890.44	11	1,531.18	11	1,174.58	11	830.30	11	471.79	11	112.49	11		11		11	
1/4	2,242.16	1/4	1,882.95	1/4	1,523.69	1/4	1,167.14	1/4	823.10	1/4	464.30	1/4	105.04	1/4		1/4		1/4	
1/2	2,234.68	1/2	1,875.47	1/2	1,516.21	1/2	1,159.71	1/2	815.90	1/2	456.82	1/2	97.58	1/2		1/2		1/2	
3/4	2,227.20	3/4	1,867.98	3/4	1,508.72	3/4	1,152.28	3/4	808.69	3/4	449.33	3/4	90.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 SW
NAME CHANGE: 06/05/2023 JS
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 29073"

SLOP 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	571	0	1,143	0	1,714	0	2,285	0		0		0		0		0	
1/4	12	1/4	583	1/4	1,155	1/4	1,726	1/4	2,297	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	595	1/2	1,166	1/2	1,738	1/2	2,309	1/2		1/2		1/2		1/2		1/2	
3/4	36	3/4	607	3/4	1,178	3/4	1,750	3/4	2,321	3/4		3/4		3/4		3/4		3/4	
1	48	1	619	1	1,190	1	1,762	1	2,333	1		1		1		1		1	
1/4	60	1/4	631	1/4	1,202	1/4	1,773	1/4	2,345	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	643	1/2	1,214	1/2	1,785	1/2	2,357	1/2		1/2		1/2		1/2		1/2	
3/4	83	3/4	655	3/4	1,226	3/4	1,797	3/4	2,369	3/4		3/4		3/4		3/4		3/4	
2	95	2	667	2	1,238	2	1,809	2	2,381	2		2		2		2		2	
1/4	107	1/4	678	1/4	1,250	1/4	1,821	1/4	2,392	1/4		1/4		1/4		1/4		1/4	
1/2	119	1/2	690	1/2	1,262	1/2	1,833	1/2	2,404	1/2		1/2		1/2		1/2		1/2	
3/4	131	3/4	702	3/4	1,274	3/4	1,845	3/4	2,416	3/4		3/4		3/4		3/4		3/4	
3	143	3	714	3	1,285	3	1,857	3	2,428	3		3		3		3		3	
1/4	155	1/4	726	1/4	1,297	1/4	1,869	1/4	2,440	1/4		1/4		1/4		1/4		1/4	
1/2	167	1/2	738	1/2	1,309	1/2	1,881	1/2	2,452	1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	750	3/4	1,321	3/4	1,893	3/4	2,464	3/4		3/4		3/4		3/4		3/4	
4	190	4	762	4	1,333	4	1,904	4	2,476	4		4		4		4		4	
1/4	202	1/4	774	1/4	1,345	1/4	1,916	1/4	2,488	1/4		1/4		1/4		1/4		1/4	
1/2	214	1/2	786	1/2	1,357	1/2	1,928	1/2	2,500	1/2		1/2		1/2		1/2		1/2	
3/4	226	3/4	797	3/4	1,369	3/4	1,940	3/4	2,511	3/4		3/4		3/4		3/4		3/4	
5	238	5	809	5	1,381	5	1,952	5	2,523	5		5		5		5		5	
1/4	250	1/4	821	1/4	1,393	1/4	1,964	1/4	2,535	1/4		1/4		1/4		1/4		1/4	
1/2	262	1/2	833	1/2	1,405	1/2	1,976	1/2	2,547	1/2		1/2		1/2		1/2		1/2	
3/4	274	3/4	845	3/4	1,416	3/4	1,988	3/4	2,559	3/4		3/4		3/4		3/4		3/4	
6	286	6	857	6	1,428	6	2,000	6	2,571	6		6		6		6		6	
1/4	298	1/4	869	1/4	1,440	1/4	2,012	1/4	2,583	1/4		1/4		1/4		1/4		1/4	
1/2	309	1/2	881	1/2	1,452	1/2	2,023	1/2	2,595	1/2		1/2		1/2		1/2		1/2	
3/4	321	3/4	893	3/4	1,464	3/4	2,035	3/4	2,607	3/4		3/4		3/4		3/4		3/4	
7	333	7	905	7	1,476	7	2,047	7	2,619	7		7		7		7		7	
1/4	345	1/4	917	1/4	1,488	1/4	2,059	1/4	2,631	1/4		1/4		1/4		1/4		1/4	
1/2	357	1/2	928	1/2	1,500	1/2	2,071	1/2	2,643	1/2		1/2		1/2		1/2		1/2	
3/4	369	3/4	940	3/4	1,512	3/4	2,083	3/4	2,655	3/4		3/4		3/4		3/4		3/4	
8	381	8	952	8	1,524	8	2,095	8	2,667	8		8		8		8		8	
1/4	393	1/4	964	1/4	1,535	1/4	2,107	1/4	2,679	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	976	1/2	1,547	1/2	2,119	1/2	2,691	1/2		1/2		1/2		1/2		1/2	
3/4	417	3/4	988	3/4	1,559	3/4	2,131	3/4	2,703	3/4		3/4		3/4		3/4		3/4	
9	428	9	1,000	9	1,571	9	2,142	9	2,715	9		9		9		9		9	
1/4	440	1/4	1,012	1/4	1,583	1/4	2,154	1/4	2,727	1/4		1/4		1/4		1/4		1/4	
1/2	452	1/2	1,024	1/2	1,595	1/2	2,166	1/2	2,739	1/2		1/2		1/2		1/2		1/2	
3/4	464	3/4	1,036	3/4	1,607	3/4	2,178	3/4	2,751	3/4		3/4		3/4		3/4		3/4	
10	476	10	1,047	10	1,619	10	2,190	10	2,763	10		10		10		10		10	
1/4	488	1/4	1,059	1/4	1,631	1/4	2,202	1/4	2,775	1/4		1/4		1/4		1/4		1/4	
1/2	500	1/2	1,071	1/2	1,643	1/2	2,214	1/2	2,787	1/2		1/2		1/2		1/2		1/2	
3/4	512	3/4	1,083	3/4	1,654	3/4	2,226	3/4	2,799	3/4		3/4		3/4		3/4		3/4	
11	524	11	1,095	11	1,666	11	2,238	11	2,811	11		11		11		11		11	
1/4	536	1/4	1,107	1/4	1,678	1/4	2,250	1/4	2,823	1/4		1/4		1/4		1/4		1/4	
1/2	548	1/2	1,119	1/2	1,690	1/2	2,261	1/2	2,835	1/2		1/2		1/2		1/2		1/2	
3/4	559	3/4	1,131	3/4	1,702	3/4	2,273	3/4	2,847	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: 06/01/2023 JS
CALCULATED: 06/01/2023 CL
PRINTED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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