



# BARGE "KIRBY 29072"

ULLAGE TRIM TABLE  
FORMERLY "HBC 305"

	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 7, 2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 29072"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

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	5,128.24	0	4,794.09	0	4,440.47	0	4,078.02	0	3,715.58	0	3,353.14	0	2,990.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,121.49	1/4	4,786.91	1/4	4,432.92	1/4	4,070.47	1/4	3,708.03	1/4	3,345.59	1/4	2,983.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,114.74	1/2	4,779.73	1/2	4,425.37	1/2	4,062.92	1/2	3,700.48	1/2	3,338.04	1/2	2,975.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,107.99	3/4	4,772.55	3/4	4,417.82	3/4	4,055.37	3/4	3,692.93	3/4	3,330.49	3/4	2,968.04
1		1		1		1	5,101.24	1	4,765.37	1	4,410.26	1	4,047.82	1	3,685.38	1	3,322.93	1	2,960.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,094.46	1/4	4,758.17	1/4	4,402.71	1/4	4,040.27	1/4	3,677.83	1/4	3,315.38	1/4	2,952.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,087.68	1/2	4,750.96	1/2	4,395.16	1/2	4,032.72	1/2	3,670.28	1/2	3,307.83	1/2	2,945.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,080.90	3/4	4,743.75	3/4	4,387.61	3/4	4,025.17	3/4	3,662.73	3/4	3,300.28	3/4	2,937.84
2		2		2		2	5,074.12	2	4,736.54	2	4,380.06	2	4,017.62	2	3,655.17	2	3,292.73	2	2,930.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,067.31	1/4	4,729.27	1/4	4,372.51	1/4	4,010.07	1/4	3,647.62	1/4	3,285.18	1/4	2,922.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,060.50	1/2	4,722.01	1/2	4,364.96	1/2	4,002.52	1/2	3,640.07	1/2	3,277.63	1/2	2,915.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,053.69	3/4	4,714.74	3/4	4,357.41	3/4	3,994.97	3/4	3,632.52	3/4	3,270.08	3/4	2,907.64
3		3		3		3	5,046.88	3	4,707.47	3	4,349.86	3	3,987.41	3	3,624.97	3	3,262.53	3	2,900.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,040.04	1/4	4,700.17	1/4	4,342.31	1/4	3,979.86	1/4	3,617.42	1/4	3,254.98	1/4	2,892.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,033.20	1/2	4,692.88	1/2	4,334.76	1/2	3,972.31	1/2	3,609.87	1/2	3,247.43	1/2	2,884.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,026.36	3/4	4,685.58	3/4	4,327.20	3/4	3,964.76	3/4	3,602.32	3/4	3,239.88	3/4	2,877.43
4		4		4		4	5,019.52	4	4,678.28	4	4,319.65	4	3,957.21	4	3,594.77	4	3,232.32	4	2,869.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,012.57	1/4	4,670.96	1/4	4,312.10	1/4	3,949.66	1/4	3,587.22	1/4	3,224.77	1/4	2,862.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,005.63	1/2	4,663.63	1/2	4,304.55	1/2	3,942.11	1/2	3,579.67	1/2	3,217.22	1/2	2,854.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,998.69	3/4	4,656.30	3/4	4,297.00	3/4	3,934.56	3/4	3,572.11	3/4	3,209.67	3/4	2,847.23
5		5		5		5	4,991.75	5	4,648.98	5	4,289.45	5	3,927.01	5	3,564.56	5	3,202.12	5	2,839.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,984.78	1/4	4,641.62	1/4	4,281.90	1/4	3,919.46	1/4	3,557.01	1/4	3,194.57	1/4	2,832.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,977.80	1/2	4,634.26	1/2	4,274.35	1/2	3,911.91	1/2	3,549.46	1/2	3,187.02	1/2	2,824.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.83	3/4	4,626.91	3/4	4,266.80	3/4	3,904.35	3/4	3,541.91	3/4	3,179.47	3/4	2,817.02
6		6		6		6	4,963.86	6	4,619.55	6	4,259.25	6	3,896.80	6	3,534.36	6	3,171.92	6	2,809.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,956.86	1/4	4,612.16	1/4	4,251.70	1/4	3,889.25	1/4	3,526.81	1/4	3,164.37	1/4	2,801.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,949.86	1/2	4,604.78	1/2	4,244.14	1/2	3,881.70	1/2	3,519.26	1/2	3,156.82	1/2	2,794.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,942.86	3/4	4,597.39	3/4	4,236.59	3/4	3,874.15	3/4	3,511.71	3/4	3,149.26	3/4	2,786.82
7		7		7	5,245.41	7	4,935.86	7	4,590.00	7	4,229.04	7	3,866.60	7	3,504.16	7	3,141.71	7	2,779.27
1/4	1/4	1/4	1/4	1/4	5,241.08	1/4	4,928.83	1/4	4,582.59	1/4	4,221.49	1/4	3,859.05	1/4	3,496.61	1/4	3,134.16	1/4	2,771.72
1/2	1/2	1/2	1/2	1/2	5,236.74	1/2	4,921.81	1/2	4,575.17	1/2	4,213.94	1/2	3,851.50	1/2	3,489.05	1/2	3,126.61	1/2	2,764.17
3/4	3/4	3/4	3/4	3/4	5,232.41	3/4	4,914.78	3/4	4,567.75	3/4	4,206.39	3/4	3,843.95	3/4	3,481.50	3/4	3,119.06	3/4	2,756.62
8		8		8	5,228.08	8	4,907.75	8	4,560.34	8	4,198.84	8	3,836.40	8	3,473.95	8	3,111.51	8	2,749.07
1/4	1/4	1/4	1/4	1/4	5,222.51	1/4	4,900.69	1/4	4,552.89	1/4	4,191.29	1/4	3,828.85	1/4	3,466.40	1/4	3,103.96	1/4	2,741.52
1/2	1/2	1/2	1/2	1/2	5,216.95	1/2	4,893.63	1/2	4,545.44	1/2	4,183.74	1/2	3,821.29	1/2	3,458.85	1/2	3,096.41	1/2	2,733.96
3/4	3/4	3/4	3/4	3/4	5,211.39	3/4	4,886.57	3/4	4,538.00	3/4	4,176.19	3/4	3,813.74	3/4	3,451.30	3/4	3,088.86	3/4	2,726.41
9		9		9	5,205.82	9	4,879.51	9	4,530.55	9	4,168.64	9	3,806.19	9	3,443.75	9	3,081.31	9	2,718.86
1/4	1/4	1/4	1/4	1/4	5,199.79	1/4	4,872.42	1/4	4,523.07	1/4	4,161.08	1/4	3,798.64	1/4	3,436.20	1/4	3,073.76	1/4	2,711.31
1/2	1/2	1/2	1/2	1/2	5,193.76	1/2	4,865.33	1/2	4,515.60	1/2	4,153.53	1/2	3,791.09	1/2	3,428.65	1/2	3,066.20	1/2	2,703.76
3/4	3/4	3/4	3/4	3/4	5,187.73	3/4	4,858.25	3/4	4,508.12	3/4	4,145.98	3/4	3,783.54	3/4	3,421.10	3/4	3,058.65	3/4	2,696.21
10		10		10	5,181.70	10	4,851.16	10	4,500.64	10	4,138.43	10	3,775.99	10	3,413.55	10	3,051.10	10	2,688.66
1/4	1/4	1/4	1/4	1/4	5,175.05	1/4	4,844.04	1/4	4,493.14	1/4	4,130.88	1/4	3,768.44	1/4	3,405.99	1/4	3,043.55	1/4	2,681.11
1/2	1/2	1/2	1/2	1/2	5,168.39	1/2	4,836.92	1/2	4,485.63	1/2	4,123.33	1/2	3,760.89	1/2	3,398.44	1/2	3,036.00	1/2	2,673.56
3/4	3/4	3/4	3/4	3/4	5,161.74	3/4	4,829.80	3/4	4,478.13	3/4	4,115.78	3/4	3,753.34	3/4	3,390.89	3/4	3,028.45	3/4	2,666.01
11		11		11	5,155.08	11	4,822.68	11	4,470.62	11	4,108.23	11	3,745.79	11	3,383.34	11	3,020.90	11	2,658.46
1/4	1/4	1/4	1/4	1/4	5,148.37	1/4	4,815.53	1/4	4,463.08	1/4	4,100.68	1/4	3,738.23	1/4	3,375.79	1/4	3,013.35	1/4	2,650.90
1/2	1/2	1/2	1/2	1/2	5,141.66	1/2	4,808.38	1/2	4,455.54	1/2	4,093.13	1/2	3,730.68	1/2	3,368.24	1/2	3,005.80	1/2	2,643.35
3/4	3/4	3/4	3/4	3/4	5,134.95	3/4	4,801.24	3/4	4,448.01	3/4	4,085.58	3/4	3,723.13	3/4	3,360.69	3/4	2,998.25	3/4	2,635.80

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'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 29072"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

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	2,628.25	0	2,265.67	0	1,903.10	0	1,540.52	0	1,178.04	0	815.86	0	453.30	0	90.92	0		0	
1/4	2,620.70	1/4	2,258.12	1/4	1,895.54	1/4	1,532.97	1/4	1,170.50	1/4	808.31	1/4	445.74	1/4	84.00	1/4		1/4	
1/2	2,613.14	1/2	2,250.57	1/2	1,887.99	1/2	1,525.41	1/2	1,162.96	1/2	800.75	1/2	438.19	1/2	77.08	1/2		1/2	
3/4	2,605.59	3/4	2,243.01	3/4	1,880.44	3/4	1,517.86	3/4	1,155.42	3/4	793.20	3/4	430.64	3/4	70.16	3/4		3/4	
1	2,598.04	1	2,235.46	1	1,872.88	1	1,510.30	1	1,147.87	1	785.65	1	423.08	1	63.24	1		1	
1/4	2,590.48	1/4	2,227.91	1/4	1,865.33	1/4	1,502.75	1/4	1,140.33	1/4	778.09	1/4	415.53	1/4	57.57	1/4		1/4	
1/2	2,582.93	1/2	2,220.35	1/2	1,857.77	1/2	1,495.20	1/2	1,132.79	1/2	770.54	1/2	407.98	1/2	51.91	1/2		1/2	
3/4	2,575.38	3/4	2,212.80	3/4	1,850.22	3/4	1,487.64	3/4	1,125.25	3/4	762.99	3/4	400.42	3/4	46.24	3/4		3/4	
2	2,567.82	2	2,205.24	2	1,842.67	2	1,480.09	2	1,117.71	2	755.43	2	392.87	2	40.58	2		2	
1/4	2,560.27	1/4	2,197.69	1/4	1,835.11	1/4	1,472.54	1/4	1,110.17	1/4	747.88	1/4	385.32	1/4	36.17	1/4		1/4	
1/2	2,552.72	1/2	2,190.14	1/2	1,827.56	1/2	1,464.98	1/2	1,102.63	1/2	740.33	1/2	377.76	1/2	31.77	1/2		1/2	
3/4	2,545.16	3/4	2,182.58	3/4	1,820.01	3/4	1,457.43	3/4	1,095.08	3/4	732.77	3/4	370.21	3/4	27.36	3/4		3/4	
3	2,537.61	3	2,175.03	3	1,812.45	3	1,449.87	3	1,087.54	3	725.22	3	362.66	3	22.96	3		3	
1/4	2,530.05	1/4	2,167.48	1/4	1,804.90	1/4	1,442.32	1/4	1,080.00	1/4	717.67	1/4	355.10	1/4		1/4		1/4	
1/2	2,522.50	1/2	2,159.92	1/2	1,797.35	1/2	1,434.77	1/2	1,072.46	1/2	710.11	1/2	347.55	1/2		1/2		1/2	
3/4	2,514.95	3/4	2,152.37	3/4	1,789.79	3/4	1,427.21	3/4	1,064.92	3/4	702.56	3/4	340.00	3/4		3/4		3/4	
4	2,507.39	4	2,144.82	4	1,782.24	4	1,419.66	4	1,057.38	4	695.01	4	332.44	4		4		4	
1/4	2,499.84	1/4	2,137.26	1/4	1,774.68	1/4	1,412.11	1/4	1,049.84	1/4	687.45	1/4	324.89	1/4		1/4		1/4	
1/2	2,492.29	1/2	2,129.71	1/2	1,767.13	1/2	1,404.55	1/2	1,042.29	1/2	679.90	1/2	317.34	1/2		1/2		1/2	
3/4	2,484.73	3/4	2,122.15	3/4	1,759.58	3/4	1,397.00	3/4	1,034.75	3/4	672.35	3/4	309.78	3/4		3/4		3/4	
5	2,477.18	5	2,114.60	5	1,752.02	5	1,389.45	5	1,027.21	5	664.79	5	302.23	5		5		5	
1/4	2,469.62	1/4	2,107.05	1/4	1,744.47	1/4	1,381.89	1/4	1,019.67	1/4	657.24	1/4	294.68	1/4		1/4		1/4	
1/2	2,462.07	1/2	2,099.49	1/2	1,736.92	1/2	1,374.34	1/2	1,012.13	1/2	649.69	1/2	287.12	1/2		1/2		1/2	
3/4	2,454.52	3/4	2,091.94	3/4	1,729.36	3/4	1,366.78	3/4	1,004.59	3/4	642.13	3/4	279.57	3/4		3/4		3/4	
6	2,446.96	6	2,084.39	6	1,721.81	6	1,359.23	6	997.05	6	634.58	6	272.02	6		6		6	
1/4	2,439.41	1/4	2,076.83	1/4	1,714.25	1/4	1,351.68	1/4	989.51	1/4	627.03	1/4	264.46	1/4		1/4		1/4	
1/2	2,431.86	1/2	2,069.28	1/2	1,706.70	1/2	1,344.12	1/2	981.96	1/2	619.47	1/2	256.91	1/2		1/2		1/2	
3/4	2,424.30	3/4	2,061.72	3/4	1,699.15	3/4	1,336.57	3/4	974.42	3/4	611.92	3/4	249.36	3/4		3/4		3/4	
7	2,416.75	7	2,054.17	7	1,691.59	7	1,329.02	7	966.88	7	604.37	7	241.80	7		7		7	
1/4	2,409.19	1/4	2,046.62	1/4	1,684.04	1/4	1,321.46	1/4	959.34	1/4	596.81	1/4	234.25	1/4		1/4		1/4	
1/2	2,401.64	1/2	2,039.06	1/2	1,676.49	1/2	1,313.91	1/2	951.80	1/2	589.26	1/2	226.70	1/2		1/2		1/2	
3/4	2,394.09	3/4	2,031.51	3/4	1,668.93	3/4	1,306.35	3/4	944.26	3/4	581.71	3/4	219.14	3/4		3/4		3/4	
8	2,386.53	8	2,023.96	8	1,661.38	8	1,298.80	8	936.72	8	574.15	8	211.59	8		8		8	
1/4	2,378.98	1/4	2,016.40	1/4	1,653.82	1/4	1,291.25	1/4	929.16	1/4	566.60	1/4	204.04	1/4		1/4		1/4	
1/2	2,371.43	1/2	2,008.85	1/2	1,646.27	1/2	1,283.69	1/2	921.61	1/2	559.05	1/2	196.48	1/2		1/2		1/2	
3/4	2,363.87	3/4	2,001.30	3/4	1,638.72	3/4	1,276.14	3/4	914.06	3/4	551.49	3/4	188.93	3/4		3/4		3/4	
9	2,356.32	9	1,993.74	9	1,631.16	9	1,268.59	9	906.50	9	543.94	9	181.38	9		9		9	
1/4	2,348.77	1/4	1,986.19	1/4	1,623.61	1/4	1,261.03	1/4	898.95	1/4	536.39	1/4	173.82	1/4		1/4		1/4	
1/2	2,341.21	1/2	1,978.63	1/2	1,616.06	1/2	1,253.48	1/2	891.39	1/2	528.83	1/2	166.27	1/2		1/2		1/2	
3/4	2,333.66	3/4	1,971.08	3/4	1,608.50	3/4	1,245.93	3/4	883.84	3/4	521.28	3/4	158.72	3/4		3/4		3/4	
10	2,326.10	10	1,963.53	10	1,600.95	10	1,238.37	10	876.29	10	513.72	10	151.17	10		10		10	
1/4	2,318.55	1/4	1,955.97	1/4	1,593.40	1/4	1,230.83	1/4	868.73	1/4	506.17	1/4	143.62	1/4		1/4		1/4	
1/2	2,311.00	1/2	1,948.42	1/2	1,585.84	1/2	1,223.29	1/2	861.18	1/2	498.62	1/2	136.08	1/2		1/2		1/2	
3/4	2,303.44	3/4	1,940.87	3/4	1,578.29	3/4	1,215.75	3/4	853.63	3/4	491.06	3/4	128.54	3/4		3/4		3/4	
11	2,295.89	11	1,933.31	11	1,570.73	11	1,208.21	11	846.07	11	483.51	11	120.99	11		11		11	
1/4	2,288.34	1/4	1,925.76	1/4	1,563.18	1/4	1,200.66	1/4	838.52	1/4	475.96	1/4	113.48	1/4		1/4		1/4	
1/2	2,280.78	1/2	1,918.20	1/2	1,555.63	1/2	1,193.12	1/2	830.97	1/2	468.40	1/2	105.96	1/2		1/2		1/2	
3/4	2,273.23	3/4	1,910.65	3/4	1,548.07	3/4	1,185.58	3/4	823.41	3/4	460.85	3/4	98.44	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

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 29072"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,133.05	0	4,799.34	0	4,446.11	0	4,083.68	0	3,721.24	0	3,358.79	0	2,996.35
1/4		1/4		1/4		1/4	5,126.34	1/4	4,792.19	1/4	4,438.57	1/4	4,076.13	1/4	3,713.69	1/4	3,351.24	1/4	2,988.80
1/2		1/2		1/2		1/2	5,119.59	1/2	4,785.01	1/2	4,431.02	1/2	4,068.58	1/2	3,706.13	1/2	3,343.69	1/2	2,981.25
3/4		3/4		3/4		3/4	5,112.84	3/4	4,777.83	3/4	4,423.47	3/4	4,061.03	3/4	3,698.58	3/4	3,336.14	3/4	2,973.70
1		1		1		1	5,106.09	1	4,770.65	1	4,415.92	1	4,053.48	1	3,691.03	1	3,328.59	1	2,966.15
1/4		1/4		1/4		1/4	5,099.34	1/4	4,763.47	1/4	4,408.37	1/4	4,045.92	1/4	3,683.48	1/4	3,321.04	1/4	2,958.60
1/2		1/2		1/2		1/2	5,092.56	1/2	4,756.27	1/2	4,400.82	1/2	4,038.37	1/2	3,675.93	1/2	3,313.49	1/2	2,951.04
3/4		3/4		3/4		3/4	5,085.78	3/4	4,749.06	3/4	4,393.27	3/4	4,030.82	3/4	3,668.38	3/4	3,305.94	3/4	2,943.49
2		2		2		2	5,079.00	2	4,741.85	2	4,385.72	2	4,023.27	2	3,660.83	2	3,298.39	2	2,935.94
1/4		1/4		1/4		1/4	5,072.22	1/4	4,734.64	1/4	4,378.16	1/4	4,015.72	1/4	3,653.28	1/4	3,290.83	1/4	2,928.39
1/2		1/2		1/2		1/2	5,065.41	1/2	4,727.37	1/2	4,370.61	1/2	4,008.17	1/2	3,645.73	1/2	3,283.28	1/2	2,920.84
3/4		3/4		3/4		3/4	5,058.60	3/4	4,720.11	3/4	4,363.06	3/4	4,000.62	3/4	3,638.18	3/4	3,275.73	3/4	2,913.29
3		3		3		3	5,051.79	3	4,712.84	3	4,355.51	3	3,993.07	3	3,630.63	3	3,268.18	3	2,905.74
1/4		1/4		1/4		1/4	5,044.98	1/4	4,705.57	1/4	4,347.96	1/4	3,985.52	1/4	3,623.07	1/4	3,260.63	1/4	2,898.19
1/2		1/2		1/2		1/2	5,038.14	1/2	4,698.28	1/2	4,340.41	1/2	3,977.97	1/2	3,615.52	1/2	3,253.08	1/2	2,890.64
3/4		3/4		3/4		3/4	5,031.30	3/4	4,690.98	3/4	4,332.86	3/4	3,970.42	3/4	3,607.97	3/4	3,245.53	3/4	2,883.09
4		4		4		4	5,024.46	4	4,683.68	4	4,325.31	4	3,962.86	4	3,600.42	4	3,237.98	4	2,875.54
1/4		1/4		1/4		1/4	5,017.62	1/4	4,676.38	1/4	4,317.76	1/4	3,955.31	1/4	3,592.87	1/4	3,230.43	1/4	2,867.98
1/2		1/2		1/2		1/2	5,010.67	1/2	4,669.06	1/2	4,310.21	1/2	3,947.76	1/2	3,585.32	1/2	3,222.88	1/2	2,860.43
3/4		3/4		3/4		3/4	5,003.73	3/4	4,661.73	3/4	4,302.66	3/4	3,940.21	3/4	3,577.77	3/4	3,215.33	3/4	2,852.88
5		5		5		5	4,996.79	5	4,654.40	5	4,295.10	5	3,932.66	5	3,570.22	5	3,207.77	5	2,845.33
1/4		1/4		1/4		1/4	4,989.85	1/4	4,647.08	1/4	4,287.55	1/4	3,925.11	1/4	3,562.67	1/4	3,200.22	1/4	2,837.78
1/2		1/2		1/2		1/2	4,982.88	1/2	4,639.72	1/2	4,280.00	1/2	3,917.56	1/2	3,555.12	1/2	3,192.67	1/2	2,830.23
3/4		3/4		3/4		3/4	4,975.90	3/4	4,632.36	3/4	4,272.45	3/4	3,910.01	3/4	3,547.57	3/4	3,185.12	3/4	2,822.68
6		6		6		6	4,968.93	6	4,625.01	6	4,264.90	6	3,902.46	6	3,540.01	6	3,177.57	6	2,815.13
1/4		1/4		1/4		1/4	4,961.96	1/4	4,617.65	1/4	4,257.35	1/4	3,894.91	1/4	3,532.46	1/4	3,170.02	1/4	2,807.58
1/2		1/2		1/2		1/2	4,954.96	1/2	4,610.26	1/2	4,249.80	1/2	3,887.36	1/2	3,524.91	1/2	3,162.47	1/2	2,800.03
3/4		3/4		3/4		3/4	4,947.96	3/4	4,602.88	3/4	4,242.25	3/4	3,879.80	3/4	3,517.36	3/4	3,154.92	3/4	2,792.48
7		7		7		7	4,940.96	7	4,595.49	7	4,234.70	7	3,872.25	7	3,509.81	7	3,147.37	7	2,784.92
1/4		1/4		1/4	5,243.51	1/4	4,933.96	1/4	4,588.10	1/4	4,227.15	1/4	3,864.70	1/4	3,502.26	1/4	3,139.82	1/4	2,777.37
1/2		1/2		1/2	5,239.17	1/2	4,926.93	1/2	4,580.69	1/2	4,219.60	1/2	3,857.15	1/2	3,494.71	1/2	3,132.27	1/2	2,769.82
3/4		3/4		3/4	5,234.84	3/4	4,919.91	3/4	4,573.27	3/4	4,212.04	3/4	3,849.60	3/4	3,487.16	3/4	3,124.71	3/4	2,762.27
8		8		8	5,230.51	8	4,912.88	8	4,565.85	8	4,204.49	8	3,842.05	8	3,479.61	8	3,117.16	8	2,754.72
1/4		1/4		1/4	5,226.17	1/4	4,905.85	1/4	4,558.44	1/4	4,196.94	1/4	3,834.50	1/4	3,472.06	1/4	3,109.61	1/4	2,747.17
1/2		1/2		1/2	5,220.61	1/2	4,898.79	1/2	4,550.99	1/2	4,189.39	1/2	3,826.95	1/2	3,464.51	1/2	3,102.06	1/2	2,739.62
3/4		3/4		3/4	5,215.05	3/4	4,891.73	3/4	4,543.54	3/4	4,181.84	3/4	3,819.40	3/4	3,456.95	3/4	3,094.51	3/4	2,732.07
9		9		9	5,209.48	9	4,884.67	9	4,536.10	9	4,174.29	9	3,811.85	9	3,449.40	9	3,086.96	9	2,724.52
1/4		1/4		1/4	5,203.92	1/4	4,877.61	1/4	4,528.65	1/4	4,166.74	1/4	3,804.30	1/4	3,441.85	1/4	3,079.41	1/4	2,716.97
1/2		1/2		1/2	5,197.89	1/2	4,870.52	1/2	4,521.17	1/2	4,159.19	1/2	3,796.75	1/2	3,434.30	1/2	3,071.86	1/2	2,709.42
3/4		3/4		3/4	5,191.86	3/4	4,863.43	3/4	4,513.70	3/4	4,151.64	3/4	3,789.19	3/4	3,426.75	3/4	3,064.31	3/4	2,701.86
10		10		10	5,185.83	10	4,856.35	10	4,506.22	10	4,144.09	10	3,781.64	10	3,419.20	10	3,056.76	10	2,694.31
1/4		1/4		1/4	5,179.80	1/4	4,849.26	1/4	4,498.75	1/4	4,136.54	1/4	3,774.09	1/4	3,411.65	1/4	3,049.21	1/4	2,686.76
1/2		1/2		1/2	5,173.15	1/2	4,842.14	1/2	4,491.24	1/2	4,128.98	1/2	3,766.54	1/2	3,404.10	1/2	3,041.66	1/2	2,679.21
3/4		3/4		3/4	5,166.49	3/4	4,835.02	3/4	4,483.73	3/4	4,121.43	3/4	3,758.99	3/4	3,396.55	3/4	3,034.10	3/4	2,671.66
11		11		11	5,159.84	11	4,827.90	11	4,476.23	11	4,113.88	11	3,751.44	11	3,389.00	11	3,026.55	11	2,664.11
1/4		1/4		1/4	5,153.18	1/4	4,820.78	1/4	4,468.72	1/4	4,106.33	1/4	3,743.89	1/4	3,381.45	1/4	3,019.00	1/4	2,656.56
1/2		1/2		1/2	5,146.47	1/2	4,813.63	1/2	4,461.18	1/2	4,098.78	1/2	3,736.34	1/2	3,373.89	1/2	3,011.45	1/2	2,649.01
3/4		3/4		3/4	5,139.76	3/4	4,806.49	3/4	4,453.65	3/4	4,091.23	3/4	3,728.79	3/4	3,366.34	3/4	3,003.90	3/4	2,641.46

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 29072"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

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	2,633.91	0	2,271.33	0	1,908.75	0	1,546.18	0	1,184.12	0	823.41	0	460.85	0	98.44	0		0	
1/4	2,626.36	1/4	2,263.78	1/4	1,901.20	1/4	1,538.62	1/4	1,176.62	1/4	815.86	1/4	453.30	1/4	90.92	1/4		1/4	
1/2	2,618.80	1/2	2,256.22	1/2	1,893.65	1/2	1,531.07	1/2	1,169.12	1/2	808.31	1/2	445.74	1/2	84.00	1/2		1/2	
3/4	2,611.25	3/4	2,248.67	3/4	1,886.09	3/4	1,523.52	3/4	1,161.61	3/4	800.75	3/4	438.19	3/4	77.08	3/4		3/4	
1	2,603.69	1	2,241.12	1	1,878.54	1	1,515.96	1	1,154.11	1	793.20	1	430.64	1	70.16	1		1	
1/4	2,596.14	1/4	2,233.56	1/4	1,870.99	1/4	1,508.41	1/4	1,146.61	1/4	785.65	1/4	423.08	1/4	63.24	1/4		1/4	
1/2	2,588.59	1/2	2,226.01	1/2	1,863.43	1/2	1,500.85	1/2	1,139.11	1/2	778.09	1/2	415.53	1/2	57.57	1/2		1/2	
3/4	2,581.03	3/4	2,218.46	3/4	1,855.88	3/4	1,493.30	3/4	1,131.61	3/4	770.54	3/4	407.98	3/4	51.91	3/4		3/4	
2	2,573.48	2	2,210.90	2	1,848.32	2	1,485.75	2	1,124.11	2	762.99	2	400.42	2	46.24	2		2	
1/4	2,565.93	1/4	2,203.35	1/4	1,840.77	1/4	1,478.19	1/4	1,116.60	1/4	755.43	1/4	392.87	1/4	40.58	1/4		1/4	
1/2	2,558.37	1/2	2,195.79	1/2	1,833.22	1/2	1,470.64	1/2	1,109.10	1/2	747.88	1/2	385.32	1/2	36.17	1/2		1/2	
3/4	2,550.82	3/4	2,188.24	3/4	1,825.66	3/4	1,463.09	3/4	1,101.60	3/4	740.33	3/4	377.76	3/4	31.77	3/4		3/4	
3	2,543.26	3	2,180.69	3	1,818.11	3	1,455.53	3	1,094.10	3	732.77	3	370.21	3	27.36	3		3	
1/4	2,535.71	1/4	2,173.13	1/4	1,810.56	1/4	1,447.98	1/4	1,086.60	1/4	725.22	1/4	362.66	1/4	22.96	1/4		1/4	
1/2	2,528.16	1/2	2,165.58	1/2	1,803.00	1/2	1,440.42	1/2	1,079.09	1/2	717.67	1/2	355.10	1/2		1/2		1/2	
3/4	2,520.60	3/4	2,158.03	3/4	1,795.45	3/4	1,432.87	3/4	1,071.59	3/4	710.11	3/4	347.55	3/4		3/4		3/4	
4	2,513.05	4	2,150.47	4	1,787.89	4	1,425.32	4	1,064.09	4	702.56	4	340.00	4		4		4	
1/4	2,505.50	1/4	2,142.92	1/4	1,780.34	1/4	1,417.76	1/4	1,056.59	1/4	695.01	1/4	332.44	1/4		1/4		1/4	
1/2	2,497.94	1/2	2,135.37	1/2	1,772.79	1/2	1,410.21	1/2	1,049.09	1/2	687.45	1/2	324.89	1/2		1/2		1/2	
3/4	2,490.39	3/4	2,127.81	3/4	1,765.23	3/4	1,402.66	3/4	1,041.58	3/4	679.90	3/4	317.34	3/4		3/4		3/4	
5	2,482.84	5	2,120.26	5	1,757.68	5	1,395.10	5	1,034.08	5	672.35	5	309.78	5		5		5	
1/4	2,475.28	1/4	2,112.70	1/4	1,750.13	1/4	1,387.55	1/4	1,026.58	1/4	664.79	1/4	302.23	1/4		1/4		1/4	
1/2	2,467.73	1/2	2,105.15	1/2	1,742.57	1/2	1,380.00	1/2	1,019.08	1/2	657.24	1/2	294.68	1/2		1/2		1/2	
3/4	2,460.17	3/4	2,097.60	3/4	1,735.02	3/4	1,372.44	3/4	1,011.58	3/4	649.69	3/4	287.12	3/4		3/4		3/4	
6	2,452.62	6	2,090.04	6	1,727.47	6	1,364.89	6	1,004.07	6	642.13	6	279.57	6		6		6	
1/4	2,445.07	1/4	2,082.49	1/4	1,719.91	1/4	1,357.33	1/4	996.57	1/4	634.58	1/4	272.02	1/4		1/4		1/4	
1/2	2,437.51	1/2	2,074.94	1/2	1,712.36	1/2	1,349.78	1/2	989.07	1/2	627.03	1/2	264.46	1/2		1/2		1/2	
3/4	2,429.96	3/4	2,067.38	3/4	1,704.80	3/4	1,342.23	3/4	981.57	3/4	619.47	3/4	256.91	3/4		3/4		3/4	
7	2,422.41	7	2,059.83	7	1,697.25	7	1,334.67	7	974.07	7	611.92	7	249.36	7		7		7	
1/4	2,414.85	1/4	2,052.27	1/4	1,689.70	1/4	1,327.12	1/4	966.57	1/4	604.37	1/4	241.80	1/4		1/4		1/4	
1/2	2,407.30	1/2	2,044.72	1/2	1,682.14	1/2	1,319.57	1/2	959.06	1/2	596.81	1/2	234.25	1/2		1/2		1/2	
3/4	2,399.74	3/4	2,037.17	3/4	1,674.59	3/4	1,312.01	3/4	951.56	3/4	589.26	3/4	226.70	3/4		3/4		3/4	
8	2,392.19	8	2,029.61	8	1,667.04	8	1,304.46	8	944.06	8	581.71	8	219.14	8		8		8	
1/4	2,384.64	1/4	2,022.06	1/4	1,659.48	1/4	1,296.90	1/4	936.56	1/4	574.15	1/4	211.59	1/4		1/4		1/4	
1/2	2,377.08	1/2	2,014.51	1/2	1,651.93	1/2	1,289.35	1/2	929.04	1/2	566.60	1/2	204.04	1/2		1/2		1/2	
3/4	2,369.53	3/4	2,006.95	3/4	1,644.37	3/4	1,281.80	3/4	921.53	3/4	559.05	3/4	196.48	3/4		3/4		3/4	
9	2,361.98	9	1,999.40	9	1,636.82	9	1,274.24	9	914.02	9	551.49	9	188.93	9		9		9	
1/4	2,354.42	1/4	1,991.84	1/4	1,629.27	1/4	1,266.69	1/4	906.50	1/4	543.94	1/4	181.38	1/4		1/4		1/4	
1/2	2,346.87	1/2	1,984.29	1/2	1,621.71	1/2	1,259.18	1/2	898.95	1/2	536.39	1/2	173.82	1/2		1/2		1/2	
3/4	2,339.31	3/4	1,976.74	3/4	1,614.16	3/4	1,251.66	3/4	891.40	3/4	528.83	3/4	166.27	3/4		3/4		3/4	
10	2,331.76	10	1,969.18	10	1,606.61	10	1,244.15	10	883.84	10	521.28	10	158.72	10		10		10	
1/4	2,324.21	1/4	1,961.63	1/4	1,599.05	1/4	1,236.63	1/4	876.29	1/4	513.73	1/4	151.17	1/4		1/4		1/4	
1/2	2,316.65	1/2	1,954.08	1/2	1,591.50	1/2	1,229.13	1/2	868.73	1/2	506.17	1/2	143.62	1/2		1/2		1/2	
3/4	2,309.10	3/4	1,946.52	3/4	1,583.94	3/4	1,221.63	3/4	861.18	3/4	498.62	3/4	136.08	3/4		3/4		3/4	
11	2,301.55	11	1,938.97	11	1,576.39	11	1,214.13	11	853.63	11	491.06	11	128.54	11		11		11	
1/4	2,293.99	1/4	1,931.42	1/4	1,568.84	1/4	1,206.63	1/4	846.07	1/4	483.51	1/4	120.99	1/4		1/4		1/4	
1/2	2,286.44	1/2	1,923.86	1/2	1,561.28	1/2	1,199.12	1/2	838.52	1/2	475.96	1/2	113.48	1/2		1/2		1/2	
3/4	2,278.89	3/4	1,916.31	3/4	1,553.73	3/4	1,191.62	3/4	830.97	3/4	468.40	3/4	105.96	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

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 29072"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-03"

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	5,112.88	0	4,779.72	0	4,427.16	0	4,065.80	0	3,704.44	0	3,343.08	0	2,981.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,106.15	1/4	4,772.56	1/4	4,419.63	1/4	4,058.27	1/4	3,696.91	1/4	3,335.55	1/4	2,974.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,099.42	1/2	4,765.40	1/2	4,412.10	1/2	4,050.74	1/2	3,689.38	1/2	3,328.02	1/2	2,966.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,092.69	3/4	4,758.25	3/4	4,404.57	3/4	4,043.21	3/4	3,681.85	3/4	3,320.50	3/4	2,959.14
1	1	1	1	1	1	1	5,085.96	1	4,751.09	1	4,397.04	1	4,035.68	1	3,674.33	1	3,312.97	1	2,951.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,079.20	1/4	4,743.90	1/4	4,389.51	1/4	4,028.16	1/4	3,666.80	1/4	3,305.44	1/4	2,944.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,072.44	1/2	4,736.72	1/2	4,381.99	1/2	4,020.63	1/2	3,659.27	1/2	3,297.91	1/2	2,936.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,065.68	3/4	4,729.53	3/4	4,374.46	3/4	4,013.10	3/4	3,651.74	3/4	3,290.38	3/4	2,929.02
2	2	2	2	2	2	2	5,058.92	2	4,722.34	2	4,366.93	2	4,005.57	2	3,644.21	2	3,282.85	2	2,921.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,052.13	1/4	4,715.10	1/4	4,359.40	1/4	3,998.04	1/4	3,636.69	1/4	3,275.33	1/4	2,913.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,045.34	1/2	4,707.85	1/2	4,351.87	1/2	3,990.52	1/2	3,629.16	1/2	3,267.80	1/2	2,906.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,038.55	3/4	4,700.61	3/4	4,344.35	3/4	3,982.99	3/4	3,621.63	3/4	3,260.27	3/4	2,898.91
3	3	3	3	3	3	3	5,031.76	3	4,693.36	3	4,336.82	3	3,975.46	3	3,614.10	3	3,252.74	3	2,891.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,024.94	1/4	4,686.09	1/4	4,329.29	1/4	3,967.93	1/4	3,606.57	1/4	3,245.21	1/4	2,883.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,018.12	1/2	4,678.81	1/2	4,321.76	1/2	3,960.40	1/2	3,599.04	1/2	3,237.69	1/2	2,876.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,011.30	3/4	4,671.53	3/4	4,314.23	3/4	3,952.87	3/4	3,591.52	3/4	3,230.16	3/4	2,868.80
4	4	4	4	4	4	4	5,004.48	4	4,664.26	4	4,306.70	4	3,945.35	4	3,583.99	4	3,222.63	4	2,861.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,997.56	1/4	4,656.95	1/4	4,299.18	1/4	3,937.82	1/4	3,576.46	1/4	3,215.10	1/4	2,853.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,990.64	1/2	4,649.65	1/2	4,291.65	1/2	3,930.29	1/2	3,568.93	1/2	3,207.57	1/2	2,846.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,983.72	3/4	4,642.34	3/4	4,284.12	3/4	3,922.76	3/4	3,561.40	3/4	3,200.04	3/4	2,838.69
5	5	5	5	5	5	5	4,976.79	5	4,635.04	5	4,276.59	5	3,915.23	5	3,553.87	5	3,192.52	5	2,831.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,969.84	1/4	4,627.70	1/4	4,269.06	1/4	3,907.70	1/4	3,546.35	1/4	3,184.99	1/4	2,823.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,962.89	1/2	4,620.37	1/2	4,261.53	1/2	3,900.18	1/2	3,538.82	1/2	3,177.46	1/2	2,816.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,955.94	3/4	4,613.03	3/4	4,254.01	3/4	3,892.65	3/4	3,531.29	3/4	3,169.93	3/4	2,808.57
6	6	6	6	6	6	6	4,948.99	6	4,605.70	6	4,246.48	6	3,885.12	6	3,523.76	6	3,162.40	6	2,801.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,942.01	1/4	4,598.33	1/4	4,238.95	1/4	3,877.59	1/4	3,516.23	1/4	3,154.87	1/4	2,793.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,935.03	1/2	4,590.97	1/2	4,231.42	1/2	3,870.06	1/2	3,508.70	1/2	3,147.35	1/2	2,785.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,928.05	3/4	4,583.60	3/4	4,223.89	3/4	3,862.53	3/4	3,501.18	3/4	3,139.82	3/4	2,778.46
7	7	7	7	7	7	7	5,229.70	7	4,921.07	7	4,576.24	7	4,216.36	7	3,855.01	7	3,493.65	7	3,132.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,225.38	1/4	4,914.07	1/4	4,568.85	1/4	4,208.84	1/4	3,847.48	1/4	3,486.12	1/4	3,124.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,221.06	1/2	4,907.06	1/2	4,561.45	1/2	4,201.31	1/2	3,839.95	1/2	3,478.59	1/2	3,117.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,216.74	3/4	4,900.05	3/4	4,554.06	3/4	4,193.78	3/4	3,832.42	3/4	3,471.06	3/4	3,109.70
8	8	8	8	8	8	8	5,212.42	8	4,893.04	8	4,546.66	8	4,186.25	8	3,824.89	8	3,463.53	8	3,102.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,206.88	1/4	4,886.00	1/4	4,539.24	1/4	4,178.72	1/4	3,817.36	1/4	3,456.01	1/4	3,094.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,201.33	1/2	4,878.97	1/2	4,531.81	1/2	4,171.19	1/2	3,809.84	1/2	3,448.48	1/2	3,087.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,195.78	3/4	4,871.93	3/4	4,524.39	3/4	4,163.67	3/4	3,802.31	3/4	3,440.95	3/4	3,079.59
9	9	9	9	9	9	9	5,190.24	9	4,864.89	9	4,516.97	9	4,156.14	9	3,794.78	9	3,433.42	9	3,072.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,184.23	1/4	4,857.82	1/4	4,509.51	1/4	4,148.61	1/4	3,787.25	1/4	3,425.89	1/4	3,064.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,178.21	1/2	4,850.75	1/2	4,502.06	1/2	4,141.08	1/2	3,779.72	1/2	3,418.36	1/2	3,057.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,172.20	3/4	4,843.69	3/4	4,494.60	3/4	4,133.55	3/4	3,772.19	3/4	3,410.84	3/4	3,049.48
10	10	10	10	10	10	10	5,166.19	10	4,836.62	10	4,487.15	10	4,126.02	10	3,764.67	10	3,403.31	10	3,041.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,159.55	1/4	4,829.52	1/4	4,479.67	1/4	4,118.50	1/4	3,757.14	1/4	3,395.78	1/4	3,034.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,152.92	1/2	4,822.42	1/2	4,472.18	1/2	4,110.97	1/2	3,749.61	1/2	3,388.25	1/2	3,026.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,146.28	3/4	4,815.33	3/4	4,464.70	3/4	4,103.44	3/4	3,742.08	3/4	3,380.72	3/4	3,019.36
11	11	11	11	11	11	11	5,139.65	11	4,808.23	11	4,457.21	11	4,095.91	11	3,734.55	11	3,373.19	11	3,011.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,132.96	1/4	4,801.10	1/4	4,449.70	1/4	4,088.38	1/4	3,727.02	1/4	3,365.67	1/4	3,004.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,126.27	1/2	4,793.97	1/2	4,442.19	1/2	4,080.85	1/2	3,719.50	1/2	3,358.14	1/2	2,996.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,119.57	3/4	4,786.85	3/4	4,434.67	3/4	4,073.33	3/4	3,711.97	3/4	3,350.61	3/4	2,989.25

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'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 29072"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

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	2,620.36	0	2,258.88	0	1,897.39	0	1,535.90	0	1,174.51	0	813.42	0	451.94	0	90.65	0		0	
1/4	2,612.83	1/4	2,251.35	1/4	1,889.86	1/4	1,528.37	1/4	1,166.99	1/4	805.89	1/4	444.41	1/4	83.75	1/4		1/4	
1/2	2,605.30	1/2	2,243.81	1/2	1,882.33	1/2	1,520.84	1/2	1,159.47	1/2	798.36	1/2	436.88	1/2	76.85	1/2		1/2	
3/4	2,597.77	3/4	2,236.28	3/4	1,874.80	3/4	1,513.31	3/4	1,151.95	3/4	790.83	3/4	429.35	3/4	69.95	3/4		3/4	
1	2,590.24	1	2,228.75	1	1,867.26	1	1,505.78	1	1,144.44	1	783.30	1	421.82	1	63.05	1		1	
1/4	2,582.71	1/4	2,221.22	1/4	1,859.73	1/4	1,498.25	1/4	1,136.92	1/4	775.77	1/4	414.29	1/4	57.40	1/4		1/4	
1/2	2,575.18	1/2	2,213.69	1/2	1,852.20	1/2	1,490.71	1/2	1,129.40	1/2	768.23	1/2	406.76	1/2	51.75	1/2		1/2	
3/4	2,567.65	3/4	2,206.16	3/4	1,844.67	3/4	1,483.18	3/4	1,121.88	3/4	760.70	3/4	399.23	3/4	46.11	3/4		3/4	
2	2,560.12	2	2,198.63	2	1,837.14	2	1,475.65	2	1,114.36	2	753.17	2	391.69	2	40.46	2		2	
1/4	2,552.59	1/4	2,191.10	1/4	1,829.61	1/4	1,468.12	1/4	1,106.84	1/4	745.64	1/4	384.16	1/4	36.07	1/4		1/4	
1/2	2,545.05	1/2	2,183.57	1/2	1,822.08	1/2	1,460.59	1/2	1,099.32	1/2	738.11	1/2	376.63	1/2	31.67	1/2		1/2	
3/4	2,537.52	3/4	2,176.04	3/4	1,814.55	3/4	1,453.06	3/4	1,091.81	3/4	730.58	3/4	369.10	3/4	27.28	3/4		3/4	
3	2,529.99	3	2,168.50	3	1,807.02	3	1,445.53	3	1,084.29	3	723.05	3	361.57	3	22.89	3		3	
1/4	2,522.46	1/4	2,160.97	1/4	1,799.49	1/4	1,438.00	1/4	1,076.77	1/4	715.52	1/4	354.04	1/4		1/4		1/4	
1/2	2,514.93	1/2	2,153.44	1/2	1,791.95	1/2	1,430.47	1/2	1,069.25	1/2	707.99	1/2	346.51	1/2		1/2		1/2	
3/4	2,507.40	3/4	2,145.91	3/4	1,784.42	3/4	1,422.94	3/4	1,061.73	3/4	700.46	3/4	338.98	3/4		3/4		3/4	
4	2,499.87	4	2,138.38	4	1,776.89	4	1,415.40	4	1,054.21	4	692.93	4	331.45	4		4		4	
1/4	2,492.34	1/4	2,130.85	1/4	1,769.36	1/4	1,407.87	1/4	1,046.69	1/4	685.40	1/4	323.92	1/4		1/4		1/4	
1/2	2,484.81	1/2	2,123.32	1/2	1,761.83	1/2	1,400.34	1/2	1,039.17	1/2	677.87	1/2	316.39	1/2		1/2		1/2	
3/4	2,477.28	3/4	2,115.79	3/4	1,754.30	3/4	1,392.81	3/4	1,031.66	3/4	670.33	3/4	308.86	3/4		3/4		3/4	
5	2,469.74	5	2,108.26	5	1,746.77	5	1,385.28	5	1,024.14	5	662.80	5	301.33	5		5		5	
1/4	2,462.21	1/4	2,100.73	1/4	1,739.24	1/4	1,377.75	1/4	1,016.62	1/4	655.27	1/4	293.79	1/4		1/4		1/4	
1/2	2,454.68	1/2	2,093.19	1/2	1,731.71	1/2	1,370.22	1/2	1,009.10	1/2	647.74	1/2	286.26	1/2		1/2		1/2	
3/4	2,447.15	3/4	2,085.66	3/4	1,724.18	3/4	1,362.69	3/4	1,001.58	3/4	640.21	3/4	278.73	3/4		3/4		3/4	
6	2,439.62	6	2,078.13	6	1,716.64	6	1,355.16	6	994.06	6	632.68	6	271.20	6		6		6	
1/4	2,432.09	1/4	2,070.60	1/4	1,709.11	1/4	1,347.63	1/4	986.54	1/4	625.15	1/4	263.67	1/4		1/4		1/4	
1/2	2,424.56	1/2	2,063.07	1/2	1,701.58	1/2	1,340.09	1/2	979.02	1/2	617.62	1/2	256.14	1/2		1/2		1/2	
3/4	2,417.03	3/4	2,055.54	3/4	1,694.05	3/4	1,332.56	3/4	971.51	3/4	610.09	3/4	248.61	3/4		3/4		3/4	
7	2,409.50	7	2,048.01	7	1,686.52	7	1,325.03	7	963.99	7	602.56	7	241.08	7		7		7	
1/4	2,401.97	1/4	2,040.48	1/4	1,678.99	1/4	1,317.50	1/4	956.47	1/4	595.03	1/4	233.55	1/4		1/4		1/4	
1/2	2,394.43	1/2	2,032.95	1/2	1,671.46	1/2	1,309.97	1/2	948.95	1/2	587.50	1/2	226.02	1/2		1/2		1/2	
3/4	2,386.90	3/4	2,025.42	3/4	1,663.93	3/4	1,302.44	3/4	941.43	3/4	579.96	3/4	218.49	3/4		3/4		3/4	
8	2,379.37	8	2,017.88	8	1,656.40	8	1,294.91	8	933.91	8	572.43	8	210.96	8		8		8	
1/4	2,371.84	1/4	2,010.35	1/4	1,648.87	1/4	1,287.38	1/4	926.38	1/4	564.90	1/4	203.42	1/4		1/4		1/4	
1/2	2,364.31	1/2	2,002.82	1/2	1,641.33	1/2	1,279.85	1/2	918.85	1/2	557.37	1/2	195.89	1/2		1/2		1/2	
3/4	2,356.78	3/4	1,995.29	3/4	1,633.80	3/4	1,272.32	3/4	911.32	3/4	549.84	3/4	188.36	3/4		3/4		3/4	
9	2,349.25	9	1,987.76	9	1,626.27	9	1,264.78	9	903.79	9	542.31	9	180.83	9		9		9	
1/4	2,341.72	1/4	1,980.23	1/4	1,618.74	1/4	1,257.25	1/4	896.26	1/4	534.78	1/4	173.30	1/4		1/4		1/4	
1/2	2,334.19	1/2	1,972.70	1/2	1,611.21	1/2	1,249.72	1/2	888.73	1/2	527.25	1/2	165.77	1/2		1/2		1/2	
3/4	2,326.66	3/4	1,965.17	3/4	1,603.68	3/4	1,242.19	3/4	881.20	3/4	519.72	3/4	158.24	3/4		3/4		3/4	
10	2,319.12	10	1,957.64	10	1,596.15	10	1,234.66	10	873.67	10	512.19	10	150.71	10		10		10	
1/4	2,311.59	1/4	1,950.11	1/4	1,588.62	1/4	1,227.14	1/4	866.14	1/4	504.66	1/4	143.19	1/4		1/4		1/4	
1/2	2,304.06	1/2	1,942.57	1/2	1,581.09	1/2	1,219.62	1/2	858.60	1/2	497.13	1/2	135.67	1/2		1/2		1/2	
3/4	2,296.53	3/4	1,935.04	3/4	1,573.56	3/4	1,212.10	3/4	851.07	3/4	489.60	3/4	128.15	3/4		3/4		3/4	
11	2,289.00	11	1,927.51	11	1,566.02	11	1,204.59	11	843.54	11	482.06	11	120.63	11		11		11	
1/4	2,281.47	1/4	1,919.98	1/4	1,558.49	1/4	1,197.07	1/4	836.01	1/4	474.53	1/4	113.14	1/4		1/4		1/4	
1/2	2,273.94	1/2	1,912.45	1/2	1,550.96	1/2	1,189.55	1/2	828.48	1/2	467.00	1/2	105.64	1/2		1/2		1/2	
3/4	2,266.41	3/4	1,904.92	3/4	1,543.43	3/4	1,182.03	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: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

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 29072"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-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	5,109.76	0	4,777.51	0	4,425.76	0	4,064.48	0	3,703.17	0	3,341.85	0	2,980.54
1/4		1/4		1/4		1/4	5,103.07	1/4	4,770.38	1/4	4,418.25	1/4	4,056.95	1/4	3,695.64	1/4	3,334.33	1/4	2,973.02
1/2		1/2		1/2		1/2	5,096.38	1/2	4,763.26	1/2	4,410.73	1/2	4,049.42	1/2	3,688.11	1/2	3,326.80	1/2	2,965.49
3/4		3/4		3/4		3/4	5,089.65	3/4	4,756.10	3/4	4,403.20	3/4	4,041.89	3/4	3,680.58	3/4	3,319.27	3/4	2,957.96
1		1		1		1	5,082.92	1	4,748.94	1	4,395.68	1	4,034.37	1	3,673.06	1	3,311.75	1	2,950.44
1/4		1/4		1/4		1/4	5,076.19	1/4	4,741.79	1/4	4,388.15	1/4	4,026.84	1/4	3,665.53	1/4	3,304.22	1/4	2,942.91
1/2		1/2		1/2		1/2	5,069.47	1/2	4,734.63	1/2	4,380.62	1/2	4,019.31	1/2	3,658.00	1/2	3,296.69	1/2	2,935.38
3/4		3/4		3/4		3/4	5,062.71	3/4	4,727.45	3/4	4,373.10	3/4	4,011.78	3/4	3,650.47	3/4	3,289.16	3/4	2,927.85
2		2		2		2	5,055.95	2	4,720.26	2	4,365.57	2	4,004.26	2	3,642.95	2	3,281.64	2	2,920.33
1/4		1/4		1/4		1/4	5,049.19	1/4	4,713.07	1/4	4,358.04	1/4	3,996.73	1/4	3,635.42	1/4	3,274.11	1/4	2,912.80
1/2		1/2		1/2		1/2	5,042.43	1/2	4,705.89	1/2	4,350.51	1/2	3,989.20	1/2	3,627.89	1/2	3,266.58	1/2	2,905.27
3/4		3/4		3/4		3/4	5,035.64	3/4	4,698.64	3/4	4,342.99	3/4	3,981.68	3/4	3,620.37	3/4	3,259.05	3/4	2,897.74
3		3		3		3	5,028.85	3	4,691.40	3	4,335.46	3	3,974.15	3	3,612.84	3	3,251.53	3	2,890.22
1/4		1/4		1/4		1/4	5,022.06	1/4	4,684.15	1/4	4,327.93	1/4	3,966.62	1/4	3,605.31	1/4	3,244.00	1/4	2,882.69
1/2		1/2		1/2		1/2	5,015.27	1/2	4,676.91	1/2	4,320.40	1/2	3,959.09	1/2	3,597.78	1/2	3,236.47	1/2	2,875.16
3/4		3/4		3/4		3/4	5,008.45	3/4	4,669.63	3/4	4,312.88	3/4	3,951.57	3/4	3,590.26	3/4	3,228.95	3/4	2,867.64
4		4		4		4	5,001.63	4	4,662.36	4	4,305.35	4	3,944.04	4	3,582.73	4	3,221.42	4	2,860.11
1/4		1/4		1/4		1/4	4,994.81	1/4	4,655.08	1/4	4,297.82	1/4	3,936.51	1/4	3,575.20	1/4	3,213.89	1/4	2,852.58
1/2		1/2		1/2		1/2	4,987.99	1/2	4,647.81	1/2	4,290.29	1/2	3,928.98	1/2	3,567.67	1/2	3,206.36	1/2	2,845.05
3/4		3/4		3/4		3/4	4,981.07	3/4	4,640.51	3/4	4,282.77	3/4	3,921.46	3/4	3,560.15	3/4	3,198.84	3/4	2,837.53
5		5		5		5	4,974.15	5	4,633.20	5	4,275.24	5	3,913.93	5	3,552.62	5	3,191.31	5	2,830.00
1/4		1/4		1/4		1/4	4,967.23	1/4	4,625.90	1/4	4,267.71	1/4	3,906.40	1/4	3,545.09	1/4	3,183.78	1/4	2,822.47
1/2		1/2		1/2		1/2	4,960.31	1/2	4,618.59	1/2	4,260.19	1/2	3,898.88	1/2	3,537.56	1/2	3,176.25	1/2	2,814.94
3/4		3/4		3/4		3/4	4,953.36	3/4	4,611.26	3/4	4,252.66	3/4	3,891.35	3/4	3,530.04	3/4	3,168.73	3/4	2,807.42
6		6		6		6	4,946.41	6	4,603.93	6	4,245.13	6	3,883.82	6	3,522.51	6	3,161.20	6	2,799.89
1/4		1/4		1/4		1/4	4,939.46	1/4	4,596.59	1/4	4,237.60	1/4	3,876.29	1/4	3,514.98	1/4	3,153.67	1/4	2,792.36
1/2		1/2		1/2		1/2	4,932.51	1/2	4,589.26	1/2	4,230.08	1/2	3,868.77	1/2	3,507.46	1/2	3,146.15	1/2	2,784.83
3/4		3/4		3/4		3/4	4,925.53	3/4	4,581.89	3/4	4,222.55	3/4	3,861.24	3/4	3,499.93	3/4	3,138.62	3/4	2,777.31
7		7		7		7	4,918.55	7	4,574.53	7	4,215.02	7	3,853.71	7	3,492.40	7	3,131.09	7	2,769.78
1/4		1/4		1/4		1/4	4,911.57	1/4	4,567.17	1/4	4,207.49	1/4	3,846.18	1/4	3,484.87	1/4	3,123.56	1/4	2,762.25
1/2		1/2		1/2		1/2	5,213.19	1/2	4,904.60	1/2	4,559.80	1/2	4,199.97	1/2	3,838.66	1/2	3,477.35	1/2	3,116.04
3/4		3/4		3/4		3/4	5,208.87	3/4	4,897.59	3/4	4,552.41	3/4	4,192.44	3/4	3,831.13	3/4	3,469.82	3/4	3,108.51
8		8		8		8	5,204.55	8	4,890.58	8	4,545.02	8	4,184.91	8	3,823.60	8	3,462.29	8	3,100.98
1/4		1/4		1/4		1/4	5,200.23	1/4	4,883.57	1/4	4,537.62	1/4	4,177.39	1/4	3,816.07	1/4	3,454.76	1/4	3,093.45
1/2		1/2		1/2		1/2	5,195.91	1/2	4,876.57	1/2	4,530.23	1/2	4,169.86	1/2	3,808.55	1/2	3,447.24	1/2	3,085.93
3/4		3/4		3/4		3/4	5,190.36	3/4	4,869.53	3/4	4,522.80	3/4	4,162.33	3/4	3,801.02	3/4	3,439.71	3/4	3,078.40
9		9		9		9	5,184.82	9	4,862.49	9	4,515.38	9	4,154.80	9	3,793.49	9	3,432.18	9	3,070.87
1/4		1/4		1/4		1/4	5,179.27	1/4	4,855.45	1/4	4,507.96	1/4	4,147.28	1/4	3,785.97	1/4	3,424.66	1/4	3,063.34
1/2		1/2		1/2		1/2	5,173.72	1/2	4,848.42	1/2	4,500.54	1/2	4,139.75	1/2	3,778.44	1/2	3,417.13	1/2	3,055.82
3/4		3/4		3/4		3/4	5,167.71	3/4	4,841.35	3/4	4,493.08	3/4	4,132.22	3/4	3,770.91	3/4	3,409.60	3/4	3,048.29
10		10		10		10	5,161.70	10	4,834.28	10	4,485.63	10	4,124.69	10	3,763.38	10	3,402.07	10	3,040.76
1/4		1/4		1/4		1/4	5,155.69	1/4	4,827.22	1/4	4,478.18	1/4	4,117.17	1/4	3,755.86	1/4	3,394.55	1/4	3,033.24
1/2		1/2		1/2		1/2	5,149.68	1/2	4,820.15	1/2	4,470.72	1/2	4,109.64	1/2	3,748.33	1/2	3,387.02	1/2	3,025.71
3/4		3/4		3/4		3/4	5,143.04	3/4	4,813.05	3/4	4,463.24	3/4	4,102.11	3/4	3,740.80	3/4	3,379.49	3/4	3,018.18
11		11		11		11	5,136.41	11	4,805.96	11	4,455.76	11	4,094.59	11	3,733.27	11	3,371.96	11	3,010.65
1/4		1/4		1/4		1/4	5,129.78	1/4	4,798.86	1/4	4,448.27	1/4	4,087.06	1/4	3,725.75	1/4	3,364.44	1/4	3,003.13
1/2		1/2		1/2		1/2	5,123.14	1/2	4,791.76	1/2	4,440.79	1/2	4,079.53	1/2	3,718.22	1/2	3,356.91	1/2	2,995.60
3/4		3/4		3/4		3/4	5,116.45	3/4	4,784.64	3/4	4,433.28	3/4	4,072.00	3/4	3,710.69	3/4	3,349.38	3/4	2,988.07

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'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "KIRBY 29072"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-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	2,619.23	0	2,257.79	0	1,896.34	0	1,534.89	0	1,176.83	0	828.38	0	466.95	0	105.63	0		0	
1/4	2,611.71	1/4	2,250.26	1/4	1,888.81	1/4	1,527.36	1/4	1,169.64	1/4	820.85	1/4	459.42	1/4	98.14	1/4		1/4	
1/2	2,604.18	1/2	2,242.73	1/2	1,881.28	1/2	1,519.83	1/2	1,162.45	1/2	813.32	1/2	451.89	1/2	90.64	1/2		1/2	
3/4	2,596.65	3/4	2,235.20	3/4	1,873.75	3/4	1,512.30	3/4	1,155.27	3/4	805.79	3/4	444.36	3/4	83.74	3/4		3/4	
1	2,589.12	1	2,227.67	1	1,866.22	1	1,504.77	1	1,148.08	1	798.26	1	436.83	1	76.84	1		1	
1/4	2,581.59	1/4	2,220.14	1/4	1,858.69	1/4	1,497.24	1/4	1,140.89	1/4	790.73	1/4	429.30	1/4	69.94	1/4		1/4	
1/2	2,574.06	1/2	2,212.61	1/2	1,851.16	1/2	1,489.71	1/2	1,133.70	1/2	783.20	1/2	421.77	1/2	63.04	1/2		1/2	
3/4	2,566.53	3/4	2,205.08	3/4	1,843.63	3/4	1,482.18	3/4	1,126.52	3/4	775.67	3/4	414.24	3/4	57.39	3/4		3/4	
2	2,559.00	2	2,197.55	2	1,836.10	2	1,474.65	2	1,119.33	2	768.14	2	406.71	2	51.75	2		2	
1/4	2,551.47	1/4	2,190.02	1/4	1,828.57	1/4	1,467.12	1/4	1,112.14	1/4	760.61	1/4	399.18	1/4	46.10	1/4		1/4	
1/2	2,543.94	1/2	2,182.49	1/2	1,821.04	1/2	1,459.59	1/2	1,104.96	1/2	753.08	1/2	391.65	1/2	40.45	1/2		1/2	
3/4	2,536.41	3/4	2,174.96	3/4	1,813.51	3/4	1,452.06	3/4	1,097.77	3/4	745.55	3/4	384.12	3/4	36.06	3/4		3/4	
3	2,528.88	3	2,167.43	3	1,805.98	3	1,444.53	3	1,090.58	3	738.02	3	376.59	3	31.67	3		3	
1/4	2,521.35	1/4	2,159.90	1/4	1,798.45	1/4	1,437.00	1/4	1,083.40	1/4	730.49	1/4	369.06	1/4	27.28	1/4		1/4	
1/2	2,513.82	1/2	2,152.37	1/2	1,790.92	1/2	1,429.47	1/2	1,076.21	1/2	722.96	1/2	361.53	1/2	22.89	1/2		1/2	
3/4	2,506.29	3/4	2,144.84	3/4	1,783.39	3/4	1,421.94	3/4	1,069.02	3/4	715.43	3/4	354.00	3/4		3/4		3/4	
4	2,498.76	4	2,137.31	4	1,775.86	4	1,414.41	4	1,061.84	4	707.90	4	346.47	4		4		4	
1/4	2,491.23	1/4	2,129.78	1/4	1,768.33	1/4	1,406.88	1/4	1,054.65	1/4	700.37	1/4	338.94	1/4		1/4		1/4	
1/2	2,483.70	1/2	2,122.25	1/2	1,760.80	1/2	1,399.35	1/2	1,047.46	1/2	692.84	1/2	331.41	1/2		1/2		1/2	
3/4	2,476.17	3/4	2,114.72	3/4	1,753.27	3/4	1,391.82	3/4	1,040.28	3/4	685.31	3/4	323.88	3/4		3/4		3/4	
5	2,468.64	5	2,107.19	5	1,745.74	5	1,384.29	5	1,033.09	5	677.78	5	316.35	5		5		5	
1/4	2,461.11	1/4	2,099.66	1/4	1,738.21	1/4	1,376.76	1/4	1,025.90	1/4	670.25	1/4	308.82	1/4		1/4		1/4	
1/2	2,453.58	1/2	2,092.13	1/2	1,730.68	1/2	1,369.23	1/2	1,018.71	1/2	662.72	1/2	301.29	1/2		1/2		1/2	
3/4	2,446.05	3/4	2,084.60	3/4	1,723.15	3/4	1,361.70	3/4	1,011.53	3/4	655.19	3/4	293.76	3/4		3/4		3/4	
6	2,438.52	6	2,077.07	6	1,715.62	6	1,354.17	6	1,004.34	6	647.66	6	286.23	6		6		6	
1/4	2,430.98	1/4	2,069.54	1/4	1,708.09	1/4	1,346.64	1/4	997.15	1/4	640.13	1/4	278.70	1/4		1/4		1/4	
1/2	2,423.45	1/2	2,062.01	1/2	1,700.56	1/2	1,339.11	1/2	989.97	1/2	632.60	1/2	271.17	1/2		1/2		1/2	
3/4	2,415.92	3/4	2,054.47	3/4	1,693.03	3/4	1,331.58	3/4	982.78	3/4	625.07	3/4	263.64	3/4		3/4		3/4	
7	2,408.39	7	2,046.94	7	1,685.50	7	1,324.05	7	975.59	7	617.54	7	256.11	7		7		7	
1/4	2,400.86	1/4	2,039.41	1/4	1,677.96	1/4	1,316.52	1/4	968.41	1/4	610.01	1/4	248.58	1/4		1/4		1/4	
1/2	2,393.33	1/2	2,031.88	1/2	1,670.43	1/2	1,308.99	1/2	961.22	1/2	602.48	1/2	241.05	1/2		1/2		1/2	
3/4	2,385.80	3/4	2,024.35	3/4	1,662.90	3/4	1,301.45	3/4	954.03	3/4	594.95	3/4	233.52	3/4		3/4		3/4	
8	2,378.27	8	2,016.82	8	1,655.37	8	1,293.92	8	946.85	8	587.42	8	225.99	8		8		8	
1/4	2,370.74	1/4	2,009.29	1/4	1,647.84	1/4	1,286.39	1/4	939.66	1/4	579.90	1/4	218.46	1/4		1/4		1/4	
1/2	2,363.21	1/2	2,001.76	1/2	1,640.31	1/2	1,278.86	1/2	932.47	1/2	572.37	1/2	210.93	1/2		1/2		1/2	
3/4	2,355.68	3/4	1,994.23	3/4	1,632.78	3/4	1,271.33	3/4	925.27	3/4	564.84	3/4	203.40	3/4		3/4		3/4	
9	2,348.15	9	1,986.70	9	1,625.25	9	1,263.80	9	918.08	9	557.31	9	195.87	9		9		9	
1/4	2,340.62	1/4	1,979.17	1/4	1,617.72	1/4	1,256.27	1/4	910.88	1/4	549.78	1/4	188.34	1/4		1/4		1/4	
1/2	2,333.09	1/2	1,971.64	1/2	1,610.19	1/2	1,248.74	1/2	903.68	1/2	542.25	1/2	180.81	1/2		1/2		1/2	
3/4	2,325.56	3/4	1,964.11	3/4	1,602.66	3/4	1,241.54	3/4	896.15	3/4	534.72	3/4	173.28	3/4		3/4		3/4	
10	2,318.03	10	1,956.58	10	1,595.13	10	1,234.35	10	888.62	10	527.19	10	165.75	10		10		10	
1/4	2,310.50	1/4	1,949.05	1/4	1,587.60	1/4	1,227.15	1/4	881.09	1/4	519.66	1/4	158.22	1/4		1/4		1/4	
1/2	2,302.97	1/2	1,941.52	1/2	1,580.07	1/2	1,219.95	1/2	873.56	1/2	512.13	1/2	150.70	1/2		1/2		1/2	
3/4	2,295.44	3/4	1,933.99	3/4	1,572.54	3/4	1,212.76	3/4	866.03	3/4	504.60	3/4	143.18	3/4		3/4		3/4	
11	2,287.91	11	1,926.46	11	1,565.01	11	1,205.57	11	858.50	11	497.07	11	135.66	11		11		11	
1/4	2,280.38	1/4	1,918.93	1/4	1,557.48	1/4	1,198.39	1/4	850.97	1/4	489.54	1/4	128.14	1/4		1/4		1/4	
1/2	2,272.85	1/2	1,911.40	1/2	1,549.95	1/2	1,191.20	1/2	843.44	1/2	482.01	1/2	120.62	1/2		1/2		1/2	
3/4	2,265.32	3/4	1,903.87	3/4	1,542.42	3/4	1,184.01	3/4	835.91	3/4	474.48	3/4	113.12	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

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 29072"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,346.48	0	4,167.28	0	3,977.83	0	3,784.28	0	3,590.72	0	3,304.56	0	2,946.11
1/4		1/4		1/4		1/4	4,342.88	1/4	4,163.45	1/4	3,973.80	1/4	3,780.24	1/4	3,586.69	1/4	3,297.11	1/4	2,938.63
1/2		1/2		1/2		1/2	4,339.26	1/2	4,159.60	1/2	3,969.77	1/2	3,776.21	1/2	3,582.66	1/2	3,289.66	1/2	2,931.14
3/4		3/4		3/4		3/4	4,335.63	3/4	4,155.75	3/4	3,965.73	3/4	3,772.18	3/4	3,578.62	3/4	3,282.21	3/4	2,923.66
1		1		1		1	4,332.01	1	4,151.90	1	3,961.70	1	3,768.15	1	3,574.59	1	3,274.76	1	2,916.18
1/4		1/4		1/4		1/4	4,328.39	1/4	4,148.05	1/4	3,957.67	1/4	3,764.11	1/4	3,570.56	1/4	3,267.32	1/4	2,908.69
1/2		1/2		1/2		1/2	4,324.75	1/2	4,144.16	1/2	3,953.64	1/2	3,760.08	1/2	3,566.53	1/2	3,259.87	1/2	2,901.21
3/4		3/4		3/4		3/4	4,321.11	3/4	4,140.28	3/4	3,949.60	3/4	3,756.05	3/4	3,562.49	3/4	3,252.42	3/4	2,893.73
2		2		2		2	4,317.48	2	4,136.40	2	3,945.57	2	3,752.02	2	3,558.46	2	3,244.97	2	2,886.25
1/4		1/4		1/4		1/4	4,313.84	1/4	4,132.52	1/4	3,941.54	1/4	3,747.98	1/4	3,554.43	1/4	3,237.52	1/4	2,878.76
1/2		1/2		1/2		1/2	4,310.19	1/2	4,128.62	1/2	3,937.51	1/2	3,743.95	1/2	3,550.40	1/2	3,230.07	1/2	2,871.28
3/4		3/4		3/4		3/4	4,306.53	3/4	4,124.72	3/4	3,933.48	3/4	3,739.92	3/4	3,546.36	3/4	3,222.62	3/4	2,863.80
3		3		3		3	4,302.88	3	4,120.83	3	3,929.44	3	3,735.89	3	3,542.33	3	3,215.18	3	2,856.32
1/4		1/4		1/4		1/4	4,299.22	1/4	4,116.93	1/4	3,925.41	1/4	3,731.86	1/4	3,538.30	1/4	3,207.73	1/4	2,848.83
1/2		1/2		1/2		1/2	4,295.52	1/2	4,113.02	1/2	3,921.38	1/2	3,727.82	1/2	3,534.27	1/2	3,200.28	1/2	2,841.35
3/4		3/4		3/4		3/4	4,291.81	3/4	4,109.10	3/4	3,917.35	3/4	3,723.79	3/4	3,530.24	3/4	3,192.83	3/4	2,833.87
4		4		4		4	4,288.10	4	4,105.19	4	3,913.31	4	3,719.76	4	3,526.20	4	3,185.38	4	2,826.38
1/4		1/4		1/4		1/4	4,284.39	1/4	4,101.28	1/4	3,909.28	1/4	3,715.73	1/4	3,522.17	1/4	3,177.93	1/4	2,818.90
1/2		1/2		1/2		1/2	4,280.67	1/2	4,097.35	1/2	3,905.25	1/2	3,711.69	1/2	3,518.14	1/2	3,170.49	1/2	2,811.42
3/4		3/4		3/4		3/4	4,276.94	3/4	4,093.42	3/4	3,901.22	3/4	3,707.66	3/4	3,514.11	3/4	3,163.04	3/4	2,803.94
5		5		5		5	4,273.22	5	4,089.49	5	3,897.18	5	3,703.63	5	3,510.07	5	3,155.59	5	2,796.45
1/4		1/4		1/4		1/4	4,269.50	1/4	4,085.56	1/4	3,893.15	1/4	3,699.60	1/4	3,506.04	1/4	3,148.14	1/4	2,788.97
1/2		1/2		1/2		1/2	4,265.76	1/2	4,081.62	1/2	3,889.12	1/2	3,695.56	1/2	3,498.58	1/2	3,140.66	1/2	2,781.47
3/4		3/4		3/4		3/4	4,262.02	3/4	4,077.67	3/4	3,885.09	3/4	3,691.53	3/4	3,491.11	3/4	3,133.18	3/4	2,773.98
6		6		6		6	4,258.28	6	4,073.73	6	3,881.05	6	3,687.50	6	3,483.65	6	3,125.69	6	2,766.48
1/4		1/4		1/4	4,409.40	1/4	4,254.54	1/4	4,069.78	1/4	3,877.02	1/4	3,683.47	1/4	3,476.18	1/4	3,118.21	1/4	2,758.98
1/2		1/2		1/2	4,408.53	1/2	4,250.78	1/2	4,065.82	1/2	3,872.99	1/2	3,679.43	1/2	3,468.72	1/2	3,110.73	1/2	2,751.49
3/4		3/4		3/4	4,407.66	3/4	4,247.03	3/4	4,061.86	3/4	3,868.96	3/4	3,675.40	3/4	3,461.26	3/4	3,103.24	3/4	2,743.99
7		7		7	4,406.79	7	4,243.27	7	4,057.90	7	3,864.92	7	3,671.37	7	3,453.79	7	3,095.76	7	2,736.50
1/4		1/4		1/4	4,405.92	1/4	4,239.52	1/4	4,053.94	1/4	3,860.89	1/4	3,667.34	1/4	3,446.33	1/4	3,088.28	1/4	2,729.00
1/2		1/2		1/2	4,403.82	1/2	4,235.74	1/2	4,049.96	1/2	3,856.86	1/2	3,663.30	1/2	3,438.86	1/2	3,080.80	1/2	2,721.51
3/4		3/4		3/4	4,401.71	3/4	4,231.97	3/4	4,045.98	3/4	3,852.83	3/4	3,659.27	3/4	3,431.40	3/4	3,073.31	3/4	2,714.01
8		8		8	4,399.60	8	4,228.20	8	4,042.01	8	3,848.79	8	3,655.24	8	3,423.94	8	3,065.83	8	2,706.51
1/4		1/4		1/4	4,397.50	1/4	4,224.43	1/4	4,038.03	1/4	3,844.76	1/4	3,651.21	1/4	3,416.47	1/4	3,058.35	1/4	2,699.02
1/2		1/2		1/2	4,394.57	1/2	4,220.64	1/2	4,034.04	1/2	3,840.73	1/2	3,647.17	1/2	3,409.01	1/2	3,050.87	1/2	2,691.52
3/4		3/4		3/4	4,391.63	3/4	4,216.85	3/4	4,030.04	3/4	3,836.70	3/4	3,643.14	3/4	3,401.54	3/4	3,043.38	3/4	2,684.03
9		9		9	4,388.70	9	4,213.07	9	4,026.05	9	3,832.67	9	3,639.11	9	3,394.08	9	3,035.90	9	2,676.53
1/4		1/4		1/4	4,385.77	1/4	4,209.28	1/4	4,022.06	1/4	3,828.63	1/4	3,635.08	1/4	3,386.62	1/4	3,028.42	1/4	2,669.04
1/2		1/2		1/2	4,382.23	1/2	4,205.48	1/2	4,018.05	1/2	3,824.60	1/2	3,631.05	1/2	3,379.15	1/2	3,020.93	1/2	2,661.54
3/4		3/4		3/4	4,378.69	3/4	4,201.67	3/4	4,014.04	3/4	3,820.57	3/4	3,627.01	3/4	3,371.69	3/4	3,013.45	3/4	2,654.05
10		10		10	4,375.15	10	4,197.87	10	4,010.03	10	3,816.54	10	3,622.98	10	3,364.22	10	3,005.97	10	2,646.55
1/4		1/4		1/4	4,371.61	1/4	4,194.07	1/4	4,006.03	1/4	3,812.50	1/4	3,618.95	1/4	3,356.76	1/4	2,998.49	1/4	2,639.06
1/2		1/2		1/2	4,368.04	1/2	4,190.25	1/2	4,002.00	1/2	3,808.47	1/2	3,614.92	1/2	3,349.29	1/2	2,991.00	1/2	2,631.56
3/4		3/4		3/4	4,364.46	3/4	4,186.43	3/4	3,997.98	3/4	3,804.44	3/4	3,610.88	3/4	3,341.83	3/4	2,983.52	3/4	2,624.06
11		11		11	4,360.88	11	4,182.61	11	3,993.95	11	3,800.41	11	3,606.85	11	3,334.37	11	2,976.04	11	2,616.57
1/4		1/4		1/4	4,357.30	1/4	4,178.79	1/4	3,989.93	1/4	3,796.37	1/4	3,602.82	1/4	3,326.90	1/4	2,968.56	1/4	2,609.07
1/2		1/2		1/2	4,353.69	1/2	4,174.95	1/2	3,985.90	1/2	3,792.34	1/2	3,598.79	1/2	3,319.45	1/2	2,961.07	1/2	2,601.58
3/4		3/4		3/4	4,350.09	3/4	4,171.12	3/4	3,981.86	3/4	3,788.31	3/4	3,594.75	3/4	3,312.01	3/4	2,953.59	3/4	2,594.08

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'-09" 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 29072"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-02 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	2,586.58	0	2,226.73	0	1,866.84	0	1,506.91	0	1,147.05	0	787.42	0	427.50	0	69.65	0		0	
1/4	2,579.09	1/4	2,219.23	1/4	1,859.34	1/4	1,499.41	1/4	1,139.56	1/4	779.92	1/4	420.00	1/4	62.78	1/4		1/4	
1/2	2,571.59	1/2	2,211.74	1/2	1,851.84	1/2	1,491.91	1/2	1,132.08	1/2	772.42	1/2	412.50	1/2	57.16	1/2		1/2	
3/4	2,564.09	3/4	2,204.24	3/4	1,844.35	3/4	1,484.41	3/4	1,124.59	3/4	764.92	3/4	405.01	3/4	51.53	3/4		3/4	
1	2,556.59	1	2,196.74	1	1,836.85	1	1,476.91	1	1,117.10	1	757.43	1	397.51	1	45.91	1		1	
1/4	2,549.10	1/4	2,189.25	1/4	1,829.35	1/4	1,469.42	1/4	1,109.61	1/4	749.93	1/4	390.01	1/4	40.29	1/4		1/4	
1/2	2,541.60	1/2	2,181.75	1/2	1,821.85	1/2	1,461.92	1/2	1,102.12	1/2	742.43	1/2	382.51	1/2	35.91	1/2		1/2	
3/4	2,534.10	3/4	2,174.25	3/4	1,814.35	3/4	1,454.42	3/4	1,094.63	3/4	734.93	3/4	375.01	3/4	31.54	3/4		3/4	
2	2,526.61	2	2,166.76	2	1,806.85	2	1,446.92	2	1,087.14	2	727.43	2	367.52	2	27.17	2		2	
1/4	2,519.11	1/4	2,159.26	1/4	1,799.35	1/4	1,439.42	1/4	1,079.65	1/4	719.94	1/4	360.02	1/4	22.80	1/4		1/4	
1/2	2,511.61	1/2	2,151.76	1/2	1,791.85	1/2	1,431.92	1/2	1,072.16	1/2	712.44	1/2	352.52	1/2		1/2		1/2	
3/4	2,504.12	3/4	2,144.27	3/4	1,784.36	3/4	1,424.42	3/4	1,064.67	3/4	704.94	3/4	345.02	3/4		3/4		3/4	
3	2,496.62	3	2,136.77	3	1,776.86	3	1,416.92	3	1,057.18	3	697.44	3	337.52	3		3		3	
1/4	2,489.12	1/4	2,129.27	1/4	1,769.36	1/4	1,409.43	1/4	1,049.69	1/4	689.94	1/4	330.02	1/4		1/4		1/4	
1/2	2,481.63	1/2	2,121.77	1/2	1,761.86	1/2	1,401.93	1/2	1,042.20	1/2	682.44	1/2	322.53	1/2		1/2		1/2	
3/4	2,474.13	3/4	2,114.28	3/4	1,754.36	3/4	1,394.43	3/4	1,034.72	3/4	674.95	3/4	315.03	3/4		3/4		3/4	
4	2,466.63	4	2,106.78	4	1,746.86	4	1,386.93	4	1,027.23	4	667.45	4	307.53	4		4		4	
1/4	2,459.14	1/4	2,099.28	1/4	1,739.36	1/4	1,379.43	1/4	1,019.74	1/4	659.95	1/4	300.03	1/4		1/4		1/4	
1/2	2,451.64	1/2	2,091.79	1/2	1,731.87	1/2	1,371.93	1/2	1,012.25	1/2	652.45	1/2	292.53	1/2		1/2		1/2	
3/4	2,444.14	3/4	2,084.29	3/4	1,724.37	3/4	1,364.43	3/4	1,004.76	3/4	644.95	3/4	285.03	3/4		3/4		3/4	
5	2,436.64	5	2,076.79	5	1,716.87	5	1,356.94	5	997.27	5	637.45	5	277.54	5		5		5	
1/4	2,429.15	1/4	2,069.30	1/4	1,709.37	1/4	1,349.44	1/4	989.78	1/4	629.96	1/4	270.04	1/4		1/4		1/4	
1/2	2,421.65	1/2	2,061.80	1/2	1,701.87	1/2	1,341.94	1/2	982.29	1/2	622.46	1/2	262.54	1/2		1/2		1/2	
3/4	2,414.15	3/4	2,054.30	3/4	1,694.37	3/4	1,334.44	3/4	974.80	3/4	614.96	3/4	255.04	3/4		3/4		3/4	
6	2,406.66	6	2,046.81	6	1,686.87	6	1,326.94	6	967.31	6	607.46	6	247.54	6		6		6	
1/4	2,399.16	1/4	2,039.31	1/4	1,679.38	1/4	1,319.44	1/4	959.82	1/4	599.96	1/4	240.04	1/4		1/4		1/4	
1/2	2,391.66	1/2	2,031.81	1/2	1,671.88	1/2	1,311.94	1/2	952.33	1/2	592.46	1/2	232.55	1/2		1/2		1/2	
3/4	2,384.17	3/4	2,024.31	3/4	1,664.38	3/4	1,304.45	3/4	944.85	3/4	584.97	3/4	225.05	3/4		3/4		3/4	
7	2,376.67	7	2,016.81	7	1,656.88	7	1,296.95	7	937.36	7	577.47	7	217.55	7		7		7	
1/4	2,369.17	1/4	2,009.31	1/4	1,649.38	1/4	1,289.45	1/4	929.87	1/4	569.97	1/4	210.05	1/4		1/4		1/4	
1/2	2,361.68	1/2	2,001.82	1/2	1,641.88	1/2	1,281.95	1/2	922.37	1/2	562.47	1/2	202.55	1/2		1/2		1/2	
3/4	2,354.18	3/4	1,994.32	3/4	1,634.38	3/4	1,274.45	3/4	914.88	3/4	554.97	3/4	195.05	3/4		3/4		3/4	
8	2,346.68	8	1,986.82	8	1,626.89	8	1,266.95	8	907.39	8	547.47	8	187.56	8		8		8	
1/4	2,339.18	1/4	1,979.32	1/4	1,619.39	1/4	1,259.45	1/4	899.89	1/4	539.98	1/4	180.06	1/4		1/4		1/4	
1/2	2,331.69	1/2	1,971.82	1/2	1,611.89	1/2	1,251.96	1/2	892.40	1/2	532.48	1/2	172.56	1/2		1/2		1/2	
3/4	2,324.19	3/4	1,964.32	3/4	1,604.39	3/4	1,244.46	3/4	884.90	3/4	524.98	3/4	165.06	3/4		3/4		3/4	
9	2,316.69	9	1,956.82	9	1,596.89	9	1,236.96	9	877.40	9	517.48	9	157.57	9		9		9	
1/4	2,309.20	1/4	1,949.33	1/4	1,589.39	1/4	1,229.46	1/4	869.90	1/4	509.98	1/4	150.07	1/4		1/4		1/4	
1/2	2,301.70	1/2	1,941.83	1/2	1,581.89	1/2	1,221.96	1/2	862.40	1/2	502.48	1/2	142.58	1/2		1/2		1/2	
3/4	2,294.20	3/4	1,934.33	3/4	1,574.40	3/4	1,214.47	3/4	854.90	3/4	494.99	3/4	135.09	3/4		3/4		3/4	
10	2,286.71	10	1,926.83	10	1,566.90	10	1,206.97	10	847.41	10	487.49	10	127.61	10		10		10	
1/4	2,279.21	1/4	1,919.33	1/4	1,559.40	1/4	1,199.48	1/4	839.91	1/4	479.99	1/4	120.12	1/4		1/4		1/4	
1/2	2,271.71	1/2	1,911.83	1/2	1,551.90	1/2	1,191.99	1/2	832.41	1/2	472.49	1/2	112.65	1/2		1/2		1/2	
3/4	2,264.22	3/4	1,904.33	3/4	1,544.40	3/4	1,184.50	3/4	824.91	3/4	464.99	3/4	105.19	3/4		3/4		3/4	
11	2,256.72	11	1,896.84	11	1,536.90	11	1,177.01	11	817.41	11	457.49	11	97.73	11		11		11	
1/4	2,249.22	1/4	1,889.34	1/4	1,529.40	1/4	1,169.52	1/4	809.91	1/4	450.00	1/4	90.27	1/4		1/4		1/4	
1/2	2,241.73	1/2	1,881.84	1/2	1,521.91	1/2	1,162.03	1/2	802.42	1/2	442.50	1/2	83.39	1/2		1/2		1/2	
3/4	2,234.23	3/4	1,874.34	3/4	1,514.41	3/4	1,154.54	3/4	794.92	3/4	435.00	3/4	76.52	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

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 29072"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

GAUGE HEIGHT 17'-03"

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	4,330.23	0	4,152.38	0	3,964.17	0	3,771.26	0	3,578.35	0	3,303.08	0	2,945.48
1/4		1/4		1/4		1/4	4,326.64	1/4	4,148.56	1/4	3,960.15	1/4	3,767.24	1/4	3,574.33	1/4	3,295.64	1/4	2,938.02
1/2		1/2		1/2		1/2	4,323.05	1/2	4,144.73	1/2	3,956.13	1/2	3,763.22	1/2	3,570.32	1/2	3,288.21	1/2	2,930.55
3/4		3/4		3/4		3/4	4,319.46	3/4	4,140.91	3/4	3,952.11	3/4	3,759.20	3/4	3,566.30	3/4	3,280.77	3/4	2,923.09
1		1		1		1	4,315.87	1	4,137.09	1	3,948.09	1	3,755.18	1	3,562.28	1	3,273.34	1	2,915.63
1/4		1/4		1/4		1/4	4,312.26	1/4	4,133.25	1/4	3,944.07	1/4	3,751.17	1/4	3,558.26	1/4	3,265.90	1/4	2,908.17
1/2		1/2		1/2		1/2	4,308.65	1/2	4,129.42	1/2	3,940.05	1/2	3,747.15	1/2	3,554.24	1/2	3,258.47	1/2	2,900.71
3/4		3/4		3/4		3/4	4,305.04	3/4	4,125.58	3/4	3,936.04	3/4	3,743.13	3/4	3,550.22	3/4	3,251.03	3/4	2,893.24
2		2		2		2	4,301.44	2	4,121.74	2	3,932.02	2	3,739.11	2	3,546.20	2	3,243.59	2	2,885.78
1/4		1/4		1/4		1/4	4,297.81	1/4	4,117.87	1/4	3,928.00	1/4	3,735.09	1/4	3,542.18	1/4	3,236.16	1/4	2,878.31
1/2		1/2		1/2		1/2	4,294.19	1/2	4,114.00	1/2	3,923.98	1/2	3,731.07	1/2	3,538.16	1/2	3,228.72	1/2	2,870.84
3/4		3/4		3/4		3/4	4,290.56	3/4	4,110.14	3/4	3,919.96	3/4	3,727.05	3/4	3,534.15	3/4	3,221.29	3/4	2,863.37
3		3		3		3	4,286.94	3	4,106.27	3	3,915.94	3	3,723.03	3	3,530.13	3	3,213.85	3	2,855.90
1/4		1/4		1/4		1/4	4,283.30	1/4	4,102.39	1/4	3,911.92	1/4	3,719.01	1/4	3,526.11	1/4	3,206.42	1/4	2,848.43
1/2		1/2		1/2		1/2	4,279.66	1/2	4,098.50	1/2	3,907.90	1/2	3,715.00	1/2	3,522.09	1/2	3,198.98	1/2	2,840.97
3/4		3/4		3/4		3/4	4,276.02	3/4	4,094.62	3/4	3,903.88	3/4	3,710.98	3/4	3,518.07	3/4	3,191.55	3/4	2,833.50
4		4		4		4	4,272.38	4	4,090.73	4	3,899.87	4	3,706.96	4	3,514.05	4	3,184.11	4	2,826.03
1/4		1/4		1/4		1/4	4,268.68	1/4	4,086.83	1/4	3,895.85	1/4	3,702.94	1/4	3,510.03	1/4	3,176.68	1/4	2,818.56
1/2		1/2		1/2		1/2	4,264.99	1/2	4,082.93	1/2	3,891.83	1/2	3,698.92	1/2	3,506.01	1/2	3,169.24	1/2	2,811.09
3/4		3/4		3/4		3/4	4,261.30	3/4	4,079.03	3/4	3,887.81	3/4	3,694.90	3/4	3,501.99	3/4	3,161.81	3/4	2,803.62
5		5		5		5	4,257.60	5	4,075.14	5	3,883.79	5	3,690.88	5	3,497.98	5	3,154.37	5	2,796.15
1/4		1/4		1/4		1/4	4,253.89	1/4	4,071.22	1/4	3,879.77	1/4	3,686.86	1/4	3,493.96	1/4	3,146.93	1/4	2,788.68
1/2		1/2		1/2		1/2	4,250.18	1/2	4,067.30	1/2	3,875.75	1/2	3,682.84	1/2	3,489.94	1/2	3,139.50	1/2	2,781.21
3/4		3/4		3/4		3/4	4,246.47	3/4	4,063.39	3/4	3,871.73	3/4	3,678.83	3/4	3,485.92	3/4	3,132.06	3/4	2,773.74
6		6		6		6	4,242.76	6	4,059.47	6	3,867.71	6	3,674.81	6	3,481.90	6	3,124.63	6	2,766.27
1/4		1/4		1/4		1/4	4,239.03	1/4	4,055.54	1/4	3,863.70	1/4	3,670.79	1/4	3,477.45	1/4	3,117.16	1/4	2,758.79
1/2		1/2		1/2		1/2	4,235.31	1/2	4,051.61	1/2	3,859.68	1/2	3,666.77	1/2	3,467.00	1/2	3,109.69	1/2	2,751.30
3/4		3/4		3/4		3/4	4,231.58	3/4	4,047.68	3/4	3,855.66	3/4	3,662.75	3/4	3,459.55	3/4	3,102.22	3/4	2,743.82
7		7		7	4,382.06	7	4,227.86	7	4,043.75	7	3,851.64	7	3,658.73	7	3,452.10	7	3,094.75	7	2,736.33
1/4		1/4		1/4	4,381.21	1/4	4,224.11	1/4	4,039.80	1/4	3,847.62	1/4	3,654.71	1/4	3,444.65	1/4	3,087.28	1/4	2,728.85
1/2		1/2		1/2	4,380.35	1/2	4,220.37	1/2	4,035.85	1/2	3,843.60	1/2	3,650.69	1/2	3,437.19	1/2	3,079.81	1/2	2,721.37
3/4		3/4		3/4	4,379.50	3/4	4,216.63	3/4	4,031.90	3/4	3,839.58	3/4	3,646.67	3/4	3,429.74	3/4	3,072.34	3/4	2,713.89
8		8		8	4,378.64	8	4,212.89	8	4,027.96	8	3,835.56	8	3,642.66	8	3,422.29	8	3,064.87	8	2,706.40
1/4		1/4		1/4	4,376.55	1/4	4,209.13	1/4	4,023.99	1/4	3,831.54	1/4	3,638.64	1/4	3,414.84	1/4	3,057.41	1/4	2,698.92
1/2		1/2		1/2	4,374.46	1/2	4,205.37	1/2	4,020.03	1/2	3,827.52	1/2	3,634.62	1/2	3,407.39	1/2	3,049.95	1/2	2,691.44
3/4		3/4		3/4	4,372.37	3/4	4,201.61	3/4	4,016.07	3/4	3,823.51	3/4	3,630.60	3/4	3,399.94	3/4	3,042.48	3/4	2,683.96
9		9		9	4,370.27	9	4,197.85	9	4,012.10	9	3,819.49	9	3,626.58	9	3,392.49	9	3,035.02	9	2,676.48
1/4		1/4		1/4	4,367.36	1/4	4,194.08	1/4	4,008.13	1/4	3,815.47	1/4	3,622.56	1/4	3,385.04	1/4	3,027.56	1/4	2,668.99
1/2		1/2		1/2	4,364.44	1/2	4,190.31	1/2	4,004.15	1/2	3,811.45	1/2	3,618.54	1/2	3,377.59	1/2	3,020.10	1/2	2,661.51
3/4		3/4		3/4	4,361.52	3/4	4,186.53	3/4	4,000.17	3/4	3,807.43	3/4	3,614.52	3/4	3,370.14	3/4	3,012.64	3/4	2,654.03
10		10		10	4,358.60	10	4,182.76	10	3,996.19	10	3,803.41	10	3,610.50	10	3,362.69	10	3,005.17	10	2,646.55
1/4		1/4		1/4	4,355.07	1/4	4,178.97	1/4	3,992.19	1/4	3,799.39	1/4	3,606.49	1/4	3,355.23	1/4	2,997.71	1/4	2,639.06
1/2		1/2		1/2	4,351.55	1/2	4,175.18	1/2	3,988.20	1/2	3,795.37	1/2	3,602.47	1/2	3,347.78	1/2	2,990.25	1/2	2,631.58
3/4		3/4		3/4	4,348.02	3/4	4,171.39	3/4	3,984.20	3/4	3,791.35	3/4	3,598.45	3/4	3,340.33	3/4	2,982.79	3/4	2,624.10
11		11		11	4,344.50	11	4,167.60	11	3,980.21	11	3,787.34	11	3,594.43	11	3,332.88	11	2,975.33	11	2,616.62
1/4		1/4		1/4	4,340.93	1/4	4,163.79	1/4	3,976.20	1/4	3,783.32	1/4	3,590.41	1/4	3,325.43	1/4	2,967.86	1/4	2,609.14
1/2		1/2		1/2	4,337.37	1/2	4,159.99	1/2	3,972.19	1/2	3,779.30	1/2	3,586.39	1/2	3,317.98	1/2	2,960.40	1/2	2,601.65
3/4		3/4		3/4	4,333.80	3/4	4,156.18	3/4	3,968.18	3/4	3,775.28	3/4	3,582.37	3/4	3,310.53	3/4	2,952.94	3/4	2,594.17

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'-09" 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 29072"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: HBC 305

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	2,586.69	0	2,227.47	0	1,868.21	0	1,508.91	0	1,152.42	0	808.79	0	449.39	0	90.15	0		0	
1/4	2,579.21	1/4	2,219.98	1/4	1,860.72	1/4	1,501.42	1/4	1,145.27	1/4	801.30	1/4	441.90	1/4	83.30	1/4		1/4	
1/2	2,571.72	1/2	2,212.50	1/2	1,853.24	1/2	1,493.94	1/2	1,138.12	1/2	793.82	1/2	434.41	1/2	76.44	1/2		1/2	
3/4	2,564.24	3/4	2,205.02	3/4	1,845.75	3/4	1,486.45	3/4	1,130.97	3/4	786.33	3/4	426.92	3/4	69.59	3/4		3/4	
1	2,556.75	1	2,197.53	1	1,838.27	1	1,478.96	1	1,123.82	1	778.84	1	419.44	1	62.74	1		1	
1/4	2,549.27	1/4	2,190.05	1/4	1,830.78	1/4	1,471.54	1/4	1,116.67	1/4	771.35	1/4	411.95	1/4	57.13	1/4		1/4	
1/2	2,541.79	1/2	2,182.56	1/2	1,823.30	1/2	1,464.12	1/2	1,109.52	1/2	763.87	1/2	404.46	1/2	51.52	1/2		1/2	
3/4	2,534.30	3/4	2,175.08	3/4	1,815.81	3/4	1,456.69	3/4	1,102.37	3/4	756.38	3/4	396.97	3/4	45.91	3/4		3/4	
2	2,526.82	2	2,167.60	2	1,808.33	2	1,449.27	2	1,095.22	2	748.89	2	389.49	2	40.29	2		2	
1/4	2,519.33	1/4	2,160.11	1/4	1,800.84	1/4	1,441.85	1/4	1,088.07	1/4	741.40	1/4	382.00	1/4	35.92	1/4		1/4	
1/2	2,511.85	1/2	2,152.63	1/2	1,793.36	1/2	1,434.42	1/2	1,080.92	1/2	733.92	1/2	374.51	1/2	31.55	1/2		1/2	
3/4	2,504.37	3/4	2,145.14	3/4	1,785.87	3/4	1,427.00	3/4	1,073.77	3/4	726.43	3/4	367.02	3/4	27.17	3/4		3/4	
3	2,496.88	3	2,137.66	3	1,778.38	3	1,419.57	3	1,066.62	3	718.94	3	359.54	3	22.80	3		3	
1/4	2,489.40	1/4	2,130.18	1/4	1,770.90	1/4	1,412.15	1/4	1,059.47	1/4	711.45	1/4	352.05	1/4		1/4		1/4	
1/2	2,481.92	1/2	2,122.69	1/2	1,763.41	1/2	1,404.73	1/2	1,052.32	1/2	703.97	1/2	344.56	1/2		1/2		1/2	
3/4	2,474.43	3/4	2,115.21	3/4	1,755.93	3/4	1,397.30	3/4	1,045.17	3/4	696.48	3/4	337.07	3/4		3/4		3/4	
4	2,466.95	4	2,107.73	4	1,748.44	4	1,389.88	4	1,038.02	4	688.99	4	329.59	4		4		4	
1/4	2,459.46	1/4	2,100.24	1/4	1,740.96	1/4	1,382.45	1/4	1,030.87	1/4	681.50	1/4	322.10	1/4		1/4		1/4	
1/2	2,451.98	1/2	2,092.76	1/2	1,733.47	1/2	1,375.03	1/2	1,023.72	1/2	674.02	1/2	314.61	1/2		1/2		1/2	
3/4	2,444.50	3/4	2,085.27	3/4	1,725.99	3/4	1,367.61	3/4	1,016.57	3/4	666.53	3/4	307.12	3/4		3/4		3/4	
5	2,437.01	5	2,077.79	5	1,718.50	5	1,360.18	5	1,009.42	5	659.04	5	299.64	5		5		5	
1/4	2,429.53	1/4	2,070.31	1/4	1,711.01	1/4	1,352.76	1/4	1,002.27	1/4	651.55	1/4	292.15	1/4		1/4		1/4	
1/2	2,422.05	1/2	2,062.82	1/2	1,703.53	1/2	1,345.34	1/2	995.12	1/2	644.07	1/2	284.66	1/2		1/2		1/2	
3/4	2,414.56	3/4	2,055.34	3/4	1,696.04	3/4	1,337.91	3/4	987.97	3/4	636.58	3/4	277.17	3/4		3/4		3/4	
6	2,407.08	6	2,047.86	6	1,688.56	6	1,330.49	6	980.82	6	629.09	6	269.69	6		6		6	
1/4	2,399.59	1/4	2,040.37	1/4	1,681.07	1/4	1,323.06	1/4	973.67	1/4	621.60	1/4	262.20	1/4		1/4		1/4	
1/2	2,392.11	1/2	2,032.89	1/2	1,673.59	1/2	1,315.64	1/2	966.52	1/2	614.11	1/2	254.71	1/2		1/2		1/2	
3/4	2,384.63	3/4	2,025.40	3/4	1,666.10	3/4	1,308.22	3/4	959.37	3/4	606.63	3/4	247.22	3/4		3/4		3/4	
7	2,377.14	7	2,017.92	7	1,658.62	7	1,300.79	7	952.22	7	599.14	7	239.73	7		7		7	
1/4	2,369.66	1/4	2,010.43	1/4	1,651.13	1/4	1,293.37	1/4	945.07	1/4	591.65	1/4	232.25	1/4		1/4		1/4	
1/2	2,362.18	1/2	2,002.95	1/2	1,643.65	1/2	1,285.95	1/2	937.92	1/2	584.16	1/2	224.76	1/2		1/2		1/2	
3/4	2,354.69	3/4	1,995.46	3/4	1,636.16	3/4	1,278.52	3/4	930.77	3/4	576.68	3/4	217.27	3/4		3/4		3/4	
8	2,347.21	8	1,987.98	8	1,628.67	8	1,271.10	8	923.62	8	569.19	8	209.78	8		8		8	
1/4	2,339.72	1/4	1,980.49	1/4	1,621.19	1/4	1,263.67	1/4	916.47	1/4	561.70	1/4	202.30	1/4		1/4		1/4	
1/2	2,332.24	1/2	1,973.01	1/2	1,613.70	1/2	1,256.25	1/2	909.32	1/2	554.21	1/2	194.81	1/2		1/2		1/2	
3/4	2,324.76	3/4	1,965.52	3/4	1,606.22	3/4	1,248.83	3/4	902.16	3/4	546.73	3/4	187.32	3/4		3/4		3/4	
9	2,317.27	9	1,958.04	9	1,598.73	9	1,241.40	9	895.01	9	539.24	9	179.83	9		9		9	
1/4	2,309.79	1/4	1,950.55	1/4	1,591.25	1/4	1,234.00	1/4	887.84	1/4	531.75	1/4	172.35	1/4		1/4		1/4	
1/2	2,302.30	1/2	1,943.07	1/2	1,583.76	1/2	1,226.59	1/2	880.66	1/2	524.26	1/2	164.86	1/2		1/2		1/2	
3/4	2,294.82	3/4	1,935.58	3/4	1,576.28	3/4	1,219.18	3/4	873.48	3/4	516.78	3/4	157.38	3/4		3/4		3/4	
10	2,287.34	10	1,928.09	10	1,568.79	10	1,211.77	10	866.31	10	509.29	10	149.89	10		10		10	
1/4	2,279.85	1/4	1,920.61	1/4	1,561.30	1/4	1,204.37	1/4	859.13	1/4	501.80	1/4	142.41	1/4		1/4		1/4	
1/2	2,272.37	1/2	1,913.12	1/2	1,553.82	1/2	1,196.96	1/2	851.96	1/2	494.31	1/2	134.92	1/2		1/2		1/2	
3/4	2,264.89	3/4	1,905.64	3/4	1,546.33	3/4	1,189.56	3/4	844.78	3/4	486.83	3/4	127.44	3/4		3/4		3/4	
11	2,257.40	11	1,898.15	11	1,538.85	11	1,182.16	11	837.61	11	479.34	11	119.96	11		11		11	
1/4	2,249.92	1/4	1,890.67	1/4	1,531.36	1/4	1,174.72	1/4	830.40	1/4	471.85	1/4	112.50	1/4		1/4		1/4	
1/2	2,242.43	1/2	1,883.18	1/2	1,523.88	1/2	1,167.29	1/2	823.20	1/2	464.36	1/2	105.05	1/2		1/2		1/2	
3/4	2,234.95	3/4	1,875.70	3/4	1,516.39	3/4	1,159.85	3/4	816.00	3/4	456.88	3/4	97.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2013 CL - SW  
RECALCULATED: 06/07/2023  
VERIFIED: 06/07/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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