



# BARGE "KIRBY 30074"

ULLAGE TRIM TABLE  
Formerly "WTC 3005"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
AFT DRAFT = 5'-00"  
DIFF. = 3'-00" (DOWN BY STERN)

LENGTH BETWEEN DRAFT MARKS: 237'-00"

September 27, 2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"  
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"



# BARGE "KIRBY 30074"

## 1 PORT ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	5,072.33	0	4,705.17	0	4,338.02	0	3,970.87	0	3,603.72	0	3,236.57	0	2,869.41
1/4		1/4		1/4		1/4	5,064.68	1/4	4,697.52	1/4	4,330.37	1/4	3,963.22	1/4	3,596.07	1/4	3,228.92	1/4	2,861.76
1/2		1/2		1/2		1/2	5,057.03	1/2	4,689.87	1/2	4,322.72	1/2	3,955.57	1/2	3,588.42	1/2	3,221.27	1/2	2,854.11
3/4		3/4		3/4		3/4	5,049.38	3/4	4,682.22	3/4	4,315.07	3/4	3,947.92	3/4	3,580.77	3/4	3,213.62	3/4	2,846.46
1		1		1		1	5,041.73	1	4,674.58	1	4,307.43	1	3,940.27	1	3,573.12	1	3,205.97	1	2,838.82
1/4		1/4		1/4		1/4	5,034.08	1/4	4,666.93	1/4	4,299.78	1/4	3,932.62	1/4	3,565.47	1/4	3,198.32	1/4	2,831.17
1/2		1/2		1/2		1/2	5,026.43	1/2	4,659.28	1/2	4,292.13	1/2	3,924.97	1/2	3,557.82	1/2	3,190.67	1/2	2,823.52
3/4		3/4		3/4		3/4	5,018.78	3/4	4,651.63	3/4	4,284.48	3/4	3,917.32	3/4	3,550.17	3/4	3,183.02	3/4	2,815.87
2		2		2		2	5,011.13	2	4,643.98	2	4,276.83	2	3,909.68	2	3,542.53	2	3,175.37	2	2,808.22
1/4		1/4		1/4		1/4	5,003.48	1/4	4,636.33	1/4	4,269.18	1/4	3,902.03	1/4	3,534.88	1/4	3,167.72	1/4	2,800.57
1/2		1/2		1/2		1/2	4,995.83	1/2	4,628.68	1/2	4,261.53	1/2	3,894.38	1/2	3,527.23	1/2	3,160.07	1/2	2,792.92
3/4		3/4		3/4		3/4	4,988.18	3/4	4,621.03	3/4	4,253.88	3/4	3,886.73	3/4	3,519.58	3/4	3,152.42	3/4	2,785.27
3		3		3		3	4,980.54	3	4,613.39	3	4,246.23	3	3,879.08	3	3,511.93	3	3,144.78	3	2,777.63
1/4		1/4		1/4		1/4	4,972.89	1/4	4,605.74	1/4	4,238.58	1/4	3,871.43	1/4	3,504.28	1/4	3,137.13	1/4	2,769.98
1/2		1/2		1/2		1/2	4,965.24	1/2	4,598.09	1/2	4,230.93	1/2	3,863.78	1/2	3,496.63	1/2	3,129.48	1/2	2,762.33
3/4		3/4		3/4		3/4	4,957.59	3/4	4,590.44	3/4	4,223.28	3/4	3,856.13	3/4	3,488.98	3/4	3,121.83	3/4	2,754.68
4		4		4		4	4,949.94	4	4,582.79	4	4,215.64	4	3,848.49	4	3,481.33	4	3,114.18	4	2,747.03
1/4		1/4		1/4		1/4	4,942.29	1/4	4,575.14	1/4	4,207.99	1/4	3,840.84	1/4	3,473.68	1/4	3,106.53	1/4	2,739.38
1/2		1/2		1/2		1/2	4,934.64	1/2	4,567.49	1/2	4,200.34	1/2	3,833.19	1/2	3,466.03	1/2	3,098.88	1/2	2,731.73
3/4		3/4		3/4		3/4	4,926.99	3/4	4,559.84	3/4	4,192.69	3/4	3,825.54	3/4	3,458.38	3/4	3,091.23	3/4	2,724.08
5		5		5		5	4,919.35	5	4,552.19	5	4,185.04	5	3,817.89	5	3,450.74	5	3,083.59	5	2,716.43
1/4		1/4		1/4		1/4	4,911.70	1/4	4,544.54	1/4	4,177.39	1/4	3,810.24	1/4	3,443.09	1/4	3,075.94	1/4	2,708.78
1/2		1/2		1/2		1/2	5,186.99	1/2	4,904.05	1/2	4,536.89	1/2	4,169.74	1/2	3,802.59	1/2	3,435.44	1/2	3,068.29
3/4		3/4		3/4		3/4	5,186.13	3/4	4,896.40	3/4	4,529.24	3/4	4,162.09	3/4	3,794.94	3/4	3,427.79	3/4	3,060.64
6		6		6		6	5,185.26	6	4,888.75	6	4,521.60	6	4,154.45	6	3,787.29	6	3,420.14	6	3,052.99
1/4		1/4		1/4		1/4	5,184.40	1/4	4,881.10	1/4	4,513.95	1/4	4,146.80	1/4	3,779.64	1/4	3,412.49	1/4	3,045.34
1/2		1/2		1/2		1/2	5,183.53	1/2	4,873.45	1/2	4,506.30	1/2	4,139.15	1/2	3,771.99	1/2	3,404.84	1/2	3,037.69
3/4		3/4		3/4		3/4	5,181.45	3/4	4,865.80	3/4	4,498.65	3/4	4,131.50	3/4	3,764.34	3/4	3,397.19	3/4	3,030.04
7		7		7		7	5,179.36	7	4,858.15	7	4,491.00	7	4,123.85	7	3,756.70	7	3,389.55	7	3,022.39
1/4		1/4		1/4		1/4	5,177.28	1/4	4,850.50	1/4	4,483.35	1/4	4,116.20	1/4	3,749.05	1/4	3,381.90	1/4	3,014.74
1/2		1/2		1/2		1/2	5,175.19	1/2	4,842.85	1/2	4,475.70	1/2	4,108.55	1/2	3,741.40	1/2	3,374.25	1/2	3,007.09
3/4		3/4		3/4		3/4	5,171.72	3/4	4,835.20	3/4	4,468.05	3/4	4,100.90	3/4	3,733.75	3/4	3,366.60	3/4	2,999.44
8		8		8		8	5,168.25	8	4,827.56	8	4,460.41	8	4,093.25	8	3,726.10	8	3,358.95	8	2,991.80
1/4		1/4		1/4		1/4	5,164.78	1/4	4,819.91	1/4	4,452.76	1/4	4,085.60	1/4	3,718.45	1/4	3,351.30	1/4	2,984.15
1/2		1/2		1/2		1/2	5,161.31	1/2	4,812.26	1/2	4,445.11	1/2	4,077.95	1/2	3,710.80	1/2	3,343.65	1/2	2,976.50
3/4		3/4		3/4		3/4	5,156.45	3/4	4,804.61	3/4	4,437.46	3/4	4,070.30	3/4	3,703.15	3/4	3,336.00	3/4	2,968.85
9		9		9		9	5,151.58	9	4,796.96	9	4,429.81	9	4,062.66	9	3,695.51	9	3,328.35	9	2,961.20
1/4		1/4		1/4		1/4	5,146.72	1/4	4,789.30	1/4	4,422.16	1/4	4,055.01	1/4	3,687.86	1/4	3,320.70	1/4	2,953.55
1/2		1/2		1/2		1/2	5,141.85	1/2	4,781.65	1/2	4,414.51	1/2	4,047.36	1/2	3,680.21	1/2	3,313.05	1/2	2,945.90
3/4		3/4		3/4		3/4	5,135.60	3/4	4,774.01	3/4	4,406.86	3/4	4,039.71	3/4	3,672.56	3/4	3,305.40	3/4	2,938.25
10		10		10		10	5,129.34	10	4,766.36	10	4,399.21	10	4,032.05	10	3,664.91	10	3,297.76	10	2,930.61
1/4		1/4		1/4		1/4	5,123.09	1/4	4,758.72	1/4	4,391.56	1/4	4,024.40	1/4	3,657.26	1/4	3,290.11	1/4	2,922.96
1/2		1/2		1/2		1/2	5,116.83	1/2	4,751.07	1/2	4,383.91	1/2	4,016.74	1/2	3,649.61	1/2	3,282.46	1/2	2,915.31
3/4		3/4		3/4		3/4	5,109.53	3/4	4,743.42	3/4	4,376.26	3/4	4,009.10	3/4	3,641.96	3/4	3,274.81	3/4	2,907.66
11		11		11		11	5,102.23	11	4,735.77	11	4,368.62	11	4,001.46	11	3,634.31	11	3,267.16	11	2,900.01
1/4		1/4		1/4		1/4	5,094.92	1/4	4,728.12	1/4	4,360.97	1/4	3,993.81	1/4	3,626.66	1/4	3,259.51	1/4	2,892.36
1/2		1/2		1/2		1/2	5,087.62	1/2	4,720.47	1/2	4,353.32	1/2	3,986.17	1/2	3,619.01	1/2	3,251.86	1/2	2,884.71
3/4		3/4		3/4		3/4	5,079.97	3/4	4,712.82	3/4	4,345.67	3/4	3,978.52	3/4	3,611.36	3/4	3,244.21	3/4	2,877.06

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-11" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 30074"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	2,502.26	0	2,135.11	0	1,767.97	0	1,400.81	0	1,033.66	0	666.50	0	306.95	0		0		0	
1/4	2,494.61	1/4	2,127.46	1/4	1,760.32	1/4	1,393.16	1/4	1,026.01	1/4	658.85	1/4	299.84	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,486.96	1/2	2,119.81	1/2	1,752.68	1/2	1,385.51	1/2	1,018.36	1/2	651.20	1/2	292.73	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,479.31	3/4	2,112.16	3/4	1,745.03	3/4	1,377.86	3/4	1,010.71	3/4	643.55	3/4	285.62	3/4	3/4	3/4	3/4	3/4	3/4
1	2,471.67	1	2,104.51	1	1,737.37	1	1,370.21	1	1,003.06	1	635.90	1	278.51	1	1	1	1	1	1
1/4	2,464.02	1/4	2,096.86	1/4	1,729.72	1/4	1,362.56	1/4	995.41	1/4	628.26	1/4	271.40	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,456.37	1/2	2,089.21	1/2	1,722.06	1/2	1,354.91	1/2	987.76	1/2	620.61	1/2	264.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,448.72	3/4	2,081.56	3/4	1,714.41	3/4	1,347.26	3/4	980.11	3/4	612.96	3/4	257.28	3/4	3/4	3/4	3/4	3/4	3/4
2	2,441.07	2	2,073.92	2	1,706.77	2	1,339.61	2	972.46	2	605.31	2	250.28	2	2	2	2	2	2
1/4	2,433.42	1/4	2,066.27	1/4	1,699.12	1/4	1,331.96	1/4	964.81	1/4	597.66	1/4	243.27	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,425.77	1/2	2,058.62	1/2	1,691.47	1/2	1,324.31	1/2	957.16	1/2	590.01	1/2	236.27	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,418.12	3/4	2,050.97	3/4	1,683.82	3/4	1,316.66	3/4	949.51	3/4	583.36	3/4	229.37	3/4	3/4	3/4	3/4	3/4	3/4
3	2,410.47	3	2,043.32	3	1,676.17	3	1,309.02	3	941.86	3	574.71	3	222.47	3	3	3	3	3	3
1/4	2,402.82	1/4	2,035.67	1/4	1,668.52	1/4	1,301.37	1/4	934.22	1/4	567.06	1/4	215.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,395.17	1/2	2,028.02	1/2	1,660.87	1/2	1,293.72	1/2	926.57	1/2	559.41	1/2	208.67	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,387.52	3/4	2,020.37	3/4	1,653.22	3/4	1,286.07	3/4	918.92	3/4	551.76	3/4	201.77	3/4	3/4	3/4	3/4	3/4	3/4
4	2,379.88	4	2,012.73	4	1,645.57	4	1,278.42	4	911.27	4	544.11	4	194.87	4	4	4	4	4	4
1/4	2,372.23	1/4	2,005.08	1/4	1,637.92	1/4	1,270.77	1/4	903.62	1/4	536.47	1/4	187.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,364.58	1/2	1,997.43	1/2	1,630.27	1/2	1,263.12	1/2	895.97	1/2	528.82	1/2	181.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,356.93	3/4	1,989.78	3/4	1,622.62	3/4	1,255.47	3/4	888.32	3/4	521.23	3/4	174.27	3/4	3/4	3/4	3/4	3/4	3/4
5	2,349.28	5	1,982.13	5	1,614.98	5	1,247.83	5	880.67	5	513.63	5	167.48	5	5	5	5	5	5
1/4	2,341.63	1/4	1,974.48	1/4	1,607.33	1/4	1,240.18	1/4	873.02	1/4	506.04	1/4	160.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,333.98	1/2	1,966.83	1/2	1,599.68	1/2	1,232.53	1/2	865.37	1/2	498.45	1/2	153.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,326.33	3/4	1,959.18	3/4	1,592.03	3/4	1,224.88	3/4	857.72	3/4	490.93	3/4	147.20	3/4	3/4	3/4	3/4	3/4	3/4
6	2,318.69	6	1,951.53	6	1,584.38	6	1,217.23	6	850.06	6	483.41	6	140.51	6	6	6	6	6	6
1/4	2,311.04	1/4	1,943.88	1/4	1,576.73	1/4	1,209.58	1/4	842.41	1/4	475.89	1/4	133.82	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,303.39	1/2	1,936.23	1/2	1,569.08	1/2	1,201.93	1/2	834.76	1/2	468.37	1/2	127.13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,295.74	3/4	1,928.58	3/4	1,561.43	3/4	1,194.28	3/4	827.11	3/4	460.84	3/4	120.44	3/4	3/4	3/4	3/4	3/4	3/4
7	2,288.09	7	1,920.94	7	1,553.79	7	1,186.64	7	819.47	7	453.31	7	113.75	7	7	7	7	7	7
1/4	2,280.44	1/4	1,913.29	1/4	1,546.14	1/4	1,178.99	1/4	811.82	1/4	445.79	1/4	107.06	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,272.79	1/2	1,905.64	1/2	1,538.49	1/2	1,171.34	1/2	804.18	1/2	438.26	1/2	100.37	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,265.14	3/4	1,897.99	3/4	1,530.84	3/4	1,163.69	3/4	796.53	3/4	430.84	3/4	93.78	3/4	3/4	3/4	3/4	3/4	3/4
8	2,257.49	8	1,890.34	8	1,523.19	8	1,156.04	8	788.88	8	423.41	8	87.20	8	8	8	8	8	8
1/4	2,249.84	1/4	1,882.69	1/4	1,515.54	1/4	1,148.39	1/4	781.24	1/4	415.99	1/4	80.61	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,242.19	1/2	1,875.04	1/2	1,507.89	1/2	1,140.74	1/2	773.59	1/2	408.57	1/2	74.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,234.54	3/4	1,867.39	3/4	1,500.24	3/4	1,133.09	3/4	765.94	3/4	401.25	3/4	68.18	3/4	3/4	3/4	3/4	3/4	3/4
9	2,226.90	9	1,859.75	9	1,492.59	9	1,125.44	9	758.29	9	393.93	9	62.34	9	9	9	9	9	9
1/4	2,219.25	1/4	1,852.10	1/4	1,484.94	1/4	1,117.79	1/4	750.64	1/4	386.62	1/4	56.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,211.60	1/2	1,844.45	1/2	1,477.29	1/2	1,110.14	1/2	742.99	1/2	379.30	1/2	50.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,203.95	3/4	1,836.80	3/4	1,469.64	3/4	1,102.49	3/4	735.34	3/4	371.98	3/4	45.87	3/4	3/4	3/4	3/4	3/4	3/4
10	2,196.30	10	1,829.15	10	1,462.00	10	1,094.85	10	727.69	10	364.66	10	41.08	10	10	10	10	10	10
1/4	2,188.65	1/4	1,821.50	1/4	1,454.35	1/4	1,087.20	1/4	720.04	1/4	357.35	1/4	36.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,181.00	1/2	1,813.85	1/2	1,446.70	1/2	1,079.55	1/2	712.39	1/2	350.03	1/2	31.52	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,173.35	3/4	1,806.20	3/4	1,439.05	3/4	1,071.90	3/4	704.74	3/4	342.81	3/4	27.89	3/4	3/4	3/4	3/4	3/4	3/4
11	2,165.71	11	1,798.55	11	1,431.40	11	1,064.25	11	697.09	11	335.60	11	24.26	11	11	11	11	11	11
1/4	2,158.06	1/4	1,790.90	1/4	1,423.75	1/4	1,056.60	1/4	689.45	1/4	328.38	1/4	20.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,150.41	1/2	1,783.25	1/2	1,416.10	1/2	1,048.95	1/2	681.80	1/2	321.17	1/2	17.00	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,142.76	3/4	1,775.61	3/4	1,408.45	3/4	1,041.30	3/4	674.15	3/4	314.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	5,072.33	0	4,705.17	0	4,338.02	0	3,970.87	0	3,603.72	0	3,236.57	0	2,869.41
1/4		1/4		1/4		1/4	5,064.68	1/4	4,697.52	1/4	4,330.37	1/4	3,963.22	1/4	3,596.07	1/4	3,228.92	1/4	2,861.76
1/2		1/2		1/2		1/2	5,057.03	1/2	4,689.87	1/2	4,322.72	1/2	3,955.57	1/2	3,588.42	1/2	3,221.27	1/2	2,854.11
3/4		3/4		3/4		3/4	5,049.38	3/4	4,682.22	3/4	4,315.07	3/4	3,947.92	3/4	3,580.77	3/4	3,213.62	3/4	2,846.46
1		1		1		1	5,041.73	1	4,674.58	1	4,307.43	1	3,940.27	1	3,573.12	1	3,205.97	1	2,838.82
1/4		1/4		1/4		1/4	5,034.08	1/4	4,666.93	1/4	4,299.78	1/4	3,932.62	1/4	3,565.47	1/4	3,198.32	1/4	2,831.17
1/2		1/2		1/2		1/2	5,026.43	1/2	4,659.28	1/2	4,292.13	1/2	3,924.97	1/2	3,557.82	1/2	3,190.67	1/2	2,823.52
3/4		3/4		3/4		3/4	5,018.78	3/4	4,651.63	3/4	4,284.48	3/4	3,917.32	3/4	3,550.17	3/4	3,183.02	3/4	2,815.87
2		2		2		2	5,011.13	2	4,643.98	2	4,276.83	2	3,909.68	2	3,542.53	2	3,175.37	2	2,808.22
1/4		1/4		1/4		1/4	5,003.48	1/4	4,636.33	1/4	4,269.18	1/4	3,902.03	1/4	3,534.88	1/4	3,167.72	1/4	2,800.57
1/2		1/2		1/2		1/2	4,995.83	1/2	4,628.68	1/2	4,261.53	1/2	3,894.38	1/2	3,527.23	1/2	3,160.07	1/2	2,792.92
3/4		3/4		3/4		3/4	4,988.18	3/4	4,621.03	3/4	4,253.88	3/4	3,886.73	3/4	3,519.58	3/4	3,152.42	3/4	2,785.27
3		3		3		3	4,980.54	3	4,613.39	3	4,246.23	3	3,879.08	3	3,511.93	3	3,144.78	3	2,777.63
1/4		1/4		1/4		1/4	4,972.89	1/4	4,605.74	1/4	4,238.58	1/4	3,871.43	1/4	3,504.28	1/4	3,137.13	1/4	2,769.98
1/2		1/2		1/2		1/2	4,965.24	1/2	4,598.09	1/2	4,230.93	1/2	3,863.78	1/2	3,496.63	1/2	3,129.48	1/2	2,762.33
3/4		3/4		3/4		3/4	4,957.59	3/4	4,590.44	3/4	4,223.28	3/4	3,856.13	3/4	3,488.98	3/4	3,121.83	3/4	2,754.68
4		4		4		4	4,949.94	4	4,582.79	4	4,215.64	4	3,848.49	4	3,481.33	4	3,114.18	4	2,747.03
1/4		1/4		1/4		1/4	4,942.29	1/4	4,575.14	1/4	4,207.99	1/4	3,840.84	1/4	3,473.68	1/4	3,106.53	1/4	2,739.38
1/2		1/2		1/2		1/2	4,934.64	1/2	4,567.49	1/2	4,200.34	1/2	3,833.19	1/2	3,466.03	1/2	3,098.88	1/2	2,731.73
3/4		3/4		3/4		3/4	4,926.99	3/4	4,559.84	3/4	4,192.69	3/4	3,825.54	3/4	3,458.38	3/4	3,091.23	3/4	2,724.08
5		5		5		5	4,919.35	5	4,552.19	5	4,185.04	5	3,817.89	5	3,450.74	5	3,083.59	5	2,716.43
1/4		1/4		1/4		1/4	4,911.70	1/4	4,544.54	1/4	4,177.39	1/4	3,810.24	1/4	3,443.09	1/4	3,075.94	1/4	2,708.78
1/2		1/2		1/2		1/2	5,186.99	1/2	4,904.05	1/2	4,536.89	1/2	4,169.74	1/2	3,802.59	1/2	3,435.44	1/2	3,068.29
3/4		3/4		3/4		3/4	5,186.13	3/4	4,896.40	3/4	4,529.24	3/4	4,162.09	3/4	3,794.94	3/4	3,427.79	3/4	3,060.64
6		6		6		6	5,185.26	6	4,888.75	6	4,521.60	6	4,154.45	6	3,787.29	6	3,420.14	6	3,052.99
1/4		1/4		1/4		1/4	5,184.40	1/4	4,881.10	1/4	4,513.95	1/4	4,146.80	1/4	3,779.64	1/4	3,412.49	1/4	3,045.34
1/2		1/2		1/2		1/2	5,183.53	1/2	4,873.45	1/2	4,506.30	1/2	4,139.15	1/2	3,771.99	1/2	3,404.84	1/2	3,037.69
3/4		3/4		3/4		3/4	5,181.45	3/4	4,865.80	3/4	4,498.65	3/4	4,131.50	3/4	3,764.34	3/4	3,397.19	3/4	3,030.04
7		7		7		7	5,179.36	7	4,858.15	7	4,491.00	7	4,123.85	7	3,756.70	7	3,389.55	7	3,022.39
1/4		1/4		1/4		1/4	5,177.28	1/4	4,850.50	1/4	4,483.35	1/4	4,116.20	1/4	3,749.05	1/4	3,381.90	1/4	3,014.74
1/2		1/2		1/2		1/2	5,175.19	1/2	4,842.85	1/2	4,475.70	1/2	4,108.55	1/2	3,741.40	1/2	3,374.25	1/2	3,007.09
3/4		3/4		3/4		3/4	5,171.72	3/4	4,835.20	3/4	4,468.05	3/4	4,100.90	3/4	3,733.75	3/4	3,366.60	3/4	2,999.44
8		8		8		8	5,168.25	8	4,827.56	8	4,460.41	8	4,093.25	8	3,726.10	8	3,358.95	8	2,991.80
1/4		1/4		1/4		1/4	5,164.78	1/4	4,819.91	1/4	4,452.76	1/4	4,085.60	1/4	3,718.45	1/4	3,351.30	1/4	2,984.15
1/2		1/2		1/2		1/2	5,161.31	1/2	4,812.26	1/2	4,445.11	1/2	4,077.95	1/2	3,710.80	1/2	3,343.65	1/2	2,976.50
3/4		3/4		3/4		3/4	5,156.45	3/4	4,804.61	3/4	4,437.46	3/4	4,070.30	3/4	3,703.15	3/4	3,336.00	3/4	2,968.85
9		9		9		9	5,151.58	9	4,796.96	9	4,429.81	9	4,062.66	9	3,695.51	9	3,328.35	9	2,961.20
1/4		1/4		1/4		1/4	5,146.72	1/4	4,789.30	1/4	4,422.16	1/4	4,055.01	1/4	3,687.86	1/4	3,320.70	1/4	2,953.55
1/2		1/2		1/2		1/2	5,141.85	1/2	4,781.65	1/2	4,414.51	1/2	4,047.36	1/2	3,680.21	1/2	3,313.05	1/2	2,945.90
3/4		3/4		3/4		3/4	5,135.60	3/4	4,774.01	3/4	4,406.86	3/4	4,039.71	3/4	3,672.56	3/4	3,305.40	3/4	2,938.25
10		10		10		10	5,129.34	10	4,766.36	10	4,399.21	10	4,032.05	10	3,664.91	10	3,297.76	10	2,930.61
1/4		1/4		1/4		1/4	5,123.09	1/4	4,758.72	1/4	4,391.56	1/4	4,024.40	1/4	3,657.26	1/4	3,290.11	1/4	2,922.96
1/2		1/2		1/2		1/2	5,116.83	1/2	4,751.07	1/2	4,383.91	1/2	4,016.74	1/2	3,649.61	1/2	3,282.46	1/2	2,915.31
3/4		3/4		3/4		3/4	5,109.53	3/4	4,743.42	3/4	4,376.26	3/4	4,009.10	3/4	3,641.96	3/4	3,274.81	3/4	2,907.66
11		11		11		11	5,102.23	11	4,735.77	11	4,368.62	11	4,001.46	11	3,634.31	11	3,267.16	11	2,900.01
1/4		1/4		1/4		1/4	5,094.92	1/4	4,728.12	1/4	4,360.97	1/4	3,993.81	1/4	3,626.66	1/4	3,259.51	1/4	2,892.36
1/2		1/2		1/2		1/2	5,087.62	1/2	4,720.47	1/2	4,353.32	1/2	3,986.17	1/2	3,619.01	1/2	3,251.86	1/2	2,884.71
3/4		3/4		3/4		3/4	5,079.97	3/4	4,712.82	3/4	4,345.67	3/4	3,978.52	3/4	3,611.36	3/4	3,244.21	3/4	2,877.06

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-11" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 30074"

1 STBD

ULLAGE TABLE  
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	2,502.26	0	2,135.11	0	1,767.97	0	1,400.81	0	1,033.66	0	666.50	0	306.95	0		0		0	
1/4	2,494.61	1/4	2,127.46	1/4	1,760.32	1/4	1,393.16	1/4	1,026.01	1/4	658.85	1/4	299.84	1/4		1/4		1/4	
1/2	2,486.96	1/2	2,119.81	1/2	1,752.68	1/2	1,385.51	1/2	1,018.36	1/2	651.20	1/2	292.73	1/2		1/2		1/2	
3/4	2,479.31	3/4	2,112.16	3/4	1,745.03	3/4	1,377.86	3/4	1,010.71	3/4	643.55	3/4	285.62	3/4		3/4		3/4	
1	2,471.67	1	2,104.51	1	1,737.37	1	1,370.21	1	1,003.06	1	635.90	1	278.51	1		1		1	
1/4	2,464.02	1/4	2,096.86	1/4	1,729.72	1/4	1,362.56	1/4	995.41	1/4	628.26	1/4	271.40	1/4		1/4		1/4	
1/2	2,456.37	1/2	2,089.21	1/2	1,722.06	1/2	1,354.91	1/2	987.76	1/2	620.61	1/2	264.29	1/2		1/2		1/2	
3/4	2,448.72	3/4	2,081.56	3/4	1,714.41	3/4	1,347.26	3/4	980.11	3/4	612.96	3/4	257.28	3/4		3/4		3/4	
2	2,441.07	2	2,073.92	2	1,706.77	2	1,339.61	2	972.46	2	605.31	2	250.28	2		2		2	
1/4	2,433.42	1/4	2,066.27	1/4	1,699.12	1/4	1,331.96	1/4	964.81	1/4	597.66	1/4	243.27	1/4		1/4		1/4	
1/2	2,425.77	1/2	2,058.62	1/2	1,691.47	1/2	1,324.31	1/2	957.16	1/2	590.01	1/2	236.27	1/2		1/2		1/2	
3/4	2,418.12	3/4	2,050.97	3/4	1,683.82	3/4	1,316.66	3/4	949.51	3/4	582.36	3/4	229.37	3/4		3/4		3/4	
3	2,410.47	3	2,043.32	3	1,676.17	3	1,309.02	3	941.86	3	574.71	3	222.47	3		3		3	
1/4	2,402.82	1/4	2,035.67	1/4	1,668.52	1/4	1,301.37	1/4	934.22	1/4	567.06	1/4	215.57	1/4		1/4		1/4	
1/2	2,395.17	1/2	2,028.02	1/2	1,660.87	1/2	1,293.72	1/2	926.57	1/2	559.41	1/2	208.67	1/2		1/2		1/2	
3/4	2,387.52	3/4	2,020.37	3/4	1,653.22	3/4	1,286.07	3/4	918.92	3/4	551.76	3/4	201.77	3/4		3/4		3/4	
4	2,379.88	4	2,012.73	4	1,645.57	4	1,278.42	4	911.27	4	544.11	4	194.87	4		4		4	
1/4	2,372.23	1/4	2,005.08	1/4	1,637.92	1/4	1,270.77	1/4	903.62	1/4	536.47	1/4	187.97	1/4		1/4		1/4	
1/2	2,364.58	1/2	1,997.43	1/2	1,630.27	1/2	1,263.12	1/2	895.97	1/2	528.82	1/2	181.07	1/2		1/2		1/2	
3/4	2,356.93	3/4	1,989.78	3/4	1,622.62	3/4	1,255.47	3/4	888.32	3/4	521.23	3/4	174.27	3/4		3/4		3/4	
5	2,349.28	5	1,982.13	5	1,614.98	5	1,247.83	5	880.67	5	513.63	5	167.48	5		5		5	
1/4	2,341.63	1/4	1,974.48	1/4	1,607.33	1/4	1,240.18	1/4	873.02	1/4	506.04	1/4	160.68	1/4		1/4		1/4	
1/2	2,333.98	1/2	1,966.83	1/2	1,599.68	1/2	1,232.53	1/2	865.37	1/2	498.45	1/2	153.89	1/2		1/2		1/2	
3/4	2,326.33	3/4	1,959.18	3/4	1,592.03	3/4	1,224.88	3/4	857.72	3/4	490.93	3/4	147.20	3/4		3/4		3/4	
6	2,318.69	6	1,951.53	6	1,584.38	6	1,217.23	6	850.06	6	483.41	6	140.51	6		6		6	
1/4	2,311.04	1/4	1,943.88	1/4	1,576.73	1/4	1,209.58	1/4	842.41	1/4	475.89	1/4	133.82	1/4		1/4		1/4	
1/2	2,303.39	1/2	1,936.23	1/2	1,569.08	1/2	1,201.93	1/2	834.76	1/2	468.37	1/2	127.13	1/2		1/2		1/2	
3/4	2,295.74	3/4	1,928.58	3/4	1,561.43	3/4	1,194.28	3/4	827.11	3/4	460.84	3/4	120.44	3/4		3/4		3/4	
7	2,288.09	7	1,920.94	7	1,553.79	7	1,186.64	7	819.47	7	453.31	7	113.75	7		7		7	
1/4	2,280.44	1/4	1,913.29	1/4	1,546.14	1/4	1,178.99	1/4	811.82	1/4	445.79	1/4	107.06	1/4		1/4		1/4	
1/2	2,272.79	1/2	1,905.64	1/2	1,538.49	1/2	1,171.34	1/2	804.18	1/2	438.26	1/2	100.37	1/2		1/2		1/2	
3/4	2,265.14	3/4	1,897.99	3/4	1,530.84	3/4	1,163.69	3/4	796.53	3/4	430.84	3/4	93.78	3/4		3/4		3/4	
8	2,257.49	8	1,890.34	8	1,523.19	8	1,156.04	8	788.88	8	423.41	8	87.20	8		8		8	
1/4	2,249.84	1/4	1,882.69	1/4	1,515.54	1/4	1,148.39	1/4	781.24	1/4	415.99	1/4	80.61	1/4		1/4		1/4	
1/2	2,242.19	1/2	1,875.04	1/2	1,507.89	1/2	1,140.74	1/2	773.59	1/2	408.57	1/2	74.03	1/2		1/2		1/2	
3/4	2,234.54	3/4	1,867.39	3/4	1,500.24	3/4	1,133.09	3/4	765.94	3/4	401.25	3/4	68.18	3/4		3/4		3/4	
9	2,226.90	9	1,859.75	9	1,492.59	9	1,125.44	9	758.29	9	393.93	9	62.34	9		9		9	
1/4	2,219.25	1/4	1,852.10	1/4	1,484.94	1/4	1,117.79	1/4	750.64	1/4	386.62	1/4	56.49	1/4		1/4		1/4	
1/2	2,211.60	1/2	1,844.45	1/2	1,477.29	1/2	1,110.14	1/2	742.99	1/2	379.30	1/2	50.65	1/2		1/2		1/2	
3/4	2,203.95	3/4	1,836.80	3/4	1,469.64	3/4	1,102.49	3/4	735.34	3/4	371.98	3/4	45.87	3/4		3/4		3/4	
10	2,196.30	10	1,829.15	10	1,462.00	10	1,094.85	10	727.69	10	364.66	10	41.08	10		10		10	
1/4	2,188.65	1/4	1,821.50	1/4	1,454.35	1/4	1,087.20	1/4	720.04	1/4	357.35	1/4	36.30	1/4		1/4		1/4	
1/2	2,181.00	1/2	1,813.85	1/2	1,446.70	1/2	1,079.55	1/2	712.39	1/2	350.03	1/2	31.52	1/2		1/2		1/2	
3/4	2,173.35	3/4	1,806.20	3/4	1,439.05	3/4	1,071.90	3/4	704.74	3/4	342.81	3/4	27.89	3/4		3/4		3/4	
11	2,165.71	11	1,798.55	11	1,431.40	11	1,064.25	11	697.09	11	335.60	11	24.26	11		11		11	
1/4	2,158.06	1/4	1,790.90	1/4	1,423.75	1/4	1,056.60	1/4	689.45	1/4	328.38	1/4	20.63	1/4		1/4		1/4	
1/2	2,150.41	1/2	1,783.25	1/2	1,416.10	1/2	1,048.95	1/2	681.80	1/2	321.17	1/2	17.00	1/2		1/2		1/2	
3/4	2,142.76	3/4	1,775.61	3/4	1,408.45	3/4	1,041.30	3/4	674.15	3/4	314.06	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

## 2 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

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	
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
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	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
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	
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
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	
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
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	
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
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	
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
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	
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
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	
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
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	
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
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	
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
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	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
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	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-11" OFF CENTERLINE AND 41'-09" 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 30074"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

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	2,409.17	0	2,063.76	0	1,718.35	0	1,372.94	0	1,028.11	0	683.92	0	338.51	0	17.35	0		0	
1/4	2,401.97	1/4	2,056.56	1/4	1,711.15	1/4	1,365.74	1/4	1,020.95	1/4	676.72	1/4	331.31	1/4		1/4		1/4	
1/2	2,394.77	1/2	2,049.37	1/2	1,703.96	1/2	1,358.55	1/2	1,013.78	1/2	669.53	1/2	324.12	1/2		1/2		1/2	
3/4	2,387.58	3/4	2,042.17	3/4	1,696.76	3/4	1,351.35	3/4	1,006.62	3/4	662.33	3/4	316.92	3/4		3/4		3/4	
1	2,380.38	1	2,034.98	1	1,689.57	1	1,344.16	1	999.46	1	655.14	1	309.73	1	1	1		1	
1/4	2,373.18	1/4	2,027.78	1/4	1,682.37	1/4	1,336.96	1/4	992.29	1/4	647.94	1/4	302.53	1/4		1/4		1/4	
1/2	2,365.99	1/2	2,020.58	1/2	1,675.17	1/2	1,329.77	1/2	985.13	1/2	640.74	1/2	295.33	1/2		1/2		1/2	
3/4	2,358.79	3/4	2,013.39	3/4	1,667.98	3/4	1,322.57	3/4	977.96	3/4	633.55	3/4	288.14	3/4		3/4		3/4	
2	2,351.60	2	2,006.19	2	1,660.78	2	1,315.38	2	970.80	2	626.35	2	280.94	2	2	2		2	
1/4	2,344.40	1/4	1,998.99	1/4	1,653.58	1/4	1,308.18	1/4	963.63	1/4	619.15	1/4	273.74	1/4		1/4		1/4	
1/2	2,337.21	1/2	1,991.80	1/2	1,646.39	1/2	1,300.98	1/2	956.47	1/2	611.96	1/2	266.55	1/2		1/2		1/2	
3/4	2,330.01	3/4	1,984.60	3/4	1,639.19	3/4	1,293.79	3/4	949.30	3/4	604.76	3/4	259.35	3/4		3/4		3/4	
3	2,322.82	3	1,977.41	3	1,632.00	3	1,286.59	3	942.14	3	597.57	3	252.16	3	3	3		3	
1/4	2,315.62	1/4	1,970.21	1/4	1,624.80	1/4	1,279.39	1/4	934.98	1/4	590.37	1/4	244.96	1/4		1/4		1/4	
1/2	2,308.42	1/2	1,963.01	1/2	1,617.61	1/2	1,272.20	1/2	927.81	1/2	583.17	1/2	237.77	1/2		1/2		1/2	
3/4	2,301.23	3/4	1,955.82	3/4	1,610.41	3/4	1,265.00	3/4	920.65	3/4	575.98	3/4	230.57	3/4		3/4		3/4	
4	2,294.03	4	1,948.62	4	1,603.22	4	1,257.81	4	913.49	4	568.78	4	223.38	4	4	4		4	
1/4	2,286.83	1/4	1,941.42	1/4	1,596.02	1/4	1,250.61	1/4	906.32	1/4	561.58	1/4	216.18	1/4		1/4		1/4	
1/2	2,279.64	1/2	1,934.23	1/2	1,588.82	1/2	1,243.41	1/2	899.16	1/2	554.39	1/2	208.98	1/2		1/2		1/2	
3/4	2,272.44	3/4	1,927.03	3/4	1,581.63	3/4	1,236.22	3/4	891.99	3/4	547.19	3/4	201.79	3/4		3/4		3/4	
5	2,265.25	5	1,919.84	5	1,574.43	5	1,229.02	5	884.83	5	540.00	5	194.59	5	5	5		5	
1/4	2,258.05	1/4	1,912.64	1/4	1,567.23	1/4	1,221.82	1/4	877.67	1/4	532.80	1/4	187.39	1/4		1/4		1/4	
1/2	2,250.85	1/2	1,905.45	1/2	1,560.04	1/2	1,214.63	1/2	870.50	1/2	525.61	1/2	180.20	1/2		1/2		1/2	
3/4	2,243.66	3/4	1,898.25	3/4	1,552.84	3/4	1,207.43	3/4	863.34	3/4	518.41	3/4	173.00	3/4		3/4		3/4	
6	2,236.46	6	1,891.06	6	1,545.65	6	1,200.24	6	856.18	6	511.22	6	165.81	6	6	6		6	
1/4	2,229.26	1/4	1,883.86	1/4	1,538.45	1/4	1,193.04	1/4	849.01	1/4	504.02	1/4	158.61	1/4		1/4		1/4	
1/2	2,222.07	1/2	1,876.66	1/2	1,531.25	1/2	1,185.85	1/2	841.85	1/2	496.82	1/2	151.41	1/2		1/2		1/2	
3/4	2,214.87	3/4	1,869.47	3/4	1,524.06	3/4	1,178.65	3/4	834.68	3/4	489.63	3/4	144.22	3/4		3/4		3/4	
7	2,207.68	7	1,862.27	7	1,516.86	7	1,171.46	7	827.52	7	482.43	7	137.02	7	7	7		7	
1/4	2,200.48	1/4	1,855.07	1/4	1,509.66	1/4	1,164.28	1/4	820.35	1/4	475.23	1/4	129.82	1/4		1/4		1/4	
1/2	2,193.29	1/2	1,847.88	1/2	1,502.47	1/2	1,157.10	1/2	813.19	1/2	468.04	1/2	122.63	1/2		1/2		1/2	
3/4	2,186.09	3/4	1,840.68	3/4	1,495.27	3/4	1,149.92	3/4	806.02	3/4	460.84	3/4	115.43	3/4		3/4		3/4	
8	2,178.90	8	1,833.49	8	1,488.08	8	1,142.74	8	798.86	8	453.65	8	108.24	8	8	8		8	
1/4	2,171.70	1/4	1,826.29	1/4	1,480.88	1/4	1,135.57	1/4	791.70	1/4	446.45	1/4	101.04	1/4		1/4		1/4	
1/2	2,164.50	1/2	1,819.09	1/2	1,473.69	1/2	1,128.41	1/2	784.53	1/2	439.25	1/2	93.85	1/2		1/2		1/2	
3/4	2,157.31	3/4	1,811.90	3/4	1,466.49	3/4	1,121.24	3/4	777.37	3/4	432.06	3/4	86.65	3/4		3/4		3/4	
9	2,150.11	9	1,804.70	9	1,459.30	9	1,114.08	9	770.21	9	424.86	9	79.46	9	9	9		9	
1/4	2,142.91	1/4	1,797.50	1/4	1,452.10	1/4	1,106.91	1/4	763.03	1/4	417.66	1/4	73.08	1/4		1/4		1/4	
1/2	2,135.72	1/2	1,790.31	1/2	1,444.90	1/2	1,099.75	1/2	755.85	1/2	410.47	1/2	66.70	1/2		1/2		1/2	
3/4	2,128.52	3/4	1,783.11	3/4	1,437.71	3/4	1,092.58	3/4	748.67	3/4	403.27	3/4	60.33	3/4		3/4		3/4	
10	2,121.33	10	1,775.92	10	1,430.51	10	1,085.42	10	741.49	10	396.08	10	53.95	10	10	10		10	
1/4	2,114.13	1/4	1,768.72	1/4	1,423.31	1/4	1,078.26	1/4	734.29	1/4	388.88	1/4	48.72	1/4		1/4		1/4	
1/2	2,106.93	1/2	1,761.53	1/2	1,416.12	1/2	1,071.09	1/2	727.09	1/2	381.69	1/2	43.49	1/2		1/2		1/2	
3/4	2,099.74	3/4	1,754.33	3/4	1,408.92	3/4	1,063.93	3/4	719.90	3/4	374.49	3/4	38.26	3/4		3/4		3/4	
11	2,092.54	11	1,747.14	11	1,401.73	11	1,056.77	11	712.70	11	367.30	11	33.03	11	11	11		11	
1/4	2,085.34	1/4	1,739.94	1/4	1,394.53	1/4	1,049.60	1/4	705.50	1/4	360.10	1/4	29.11	1/4		1/4		1/4	
1/2	2,078.15	1/2	1,732.74	1/2	1,387.33	1/2	1,042.44	1/2	698.31	1/2	352.90	1/2	25.19	1/2		1/2		1/2	
3/4	2,070.95	3/4	1,725.55	3/4	1,380.14	3/4	1,035.27	3/4	691.11	3/4	345.71	3/4	21.27	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,812.63	0	4,467.23	0	4,121.82	0	3,776.41	0	3,431.00	0	3,085.59	0	2,740.18
1/4		1/4		1/4		1/4	4,805.44	1/4	4,460.03	1/4	4,114.62	1/4	3,769.22	1/4	3,423.80	1/4	3,078.39	1/4	2,732.99
1/2		1/2		1/2		1/2	4,798.24	1/2	4,452.83	1/2	4,107.42	1/2	3,762.02	1/2	3,416.61	1/2	3,071.20	1/2	2,725.79
3/4		3/4		3/4		3/4	4,791.05	3/4	4,445.64	3/4	4,100.23	3/4	3,754.82	3/4	3,409.41	3/4	3,064.00	3/4	2,718.59
1		1		1		1	4,783.85	1	4,438.44	1	4,093.03	1	3,747.63	1	3,402.21	1	3,056.81	1	2,711.40
1/4		1/4		1/4		1/4	4,776.66	1/4	4,431.25	1/4	4,085.84	1/4	3,740.43	1/4	3,395.02	1/4	3,049.61	1/4	2,704.20
1/2		1/2		1/2		1/2	4,769.46	1/2	4,424.05	1/2	4,078.64	1/2	3,733.23	1/2	3,387.82	1/2	3,042.42	1/2	2,697.01
3/4		3/4		3/4		3/4	4,762.26	3/4	4,416.85	3/4	4,071.45	3/4	3,726.04	3/4	3,380.62	3/4	3,035.22	3/4	2,689.81
2		2		2		2	4,755.07	2	4,409.66	2	4,064.25	2	3,718.84	2	3,373.43	2	3,028.02	2	2,682.61
1/4		1/4		1/4		1/4	4,747.87	1/4	4,402.46	1/4	4,057.06	1/4	3,711.65	1/4	3,366.23	1/4	3,020.83	1/4	2,675.42
1/2		1/2		1/2		1/2	4,740.67	1/2	4,395.26	1/2	4,049.86	1/2	3,704.45	1/2	3,359.04	1/2	3,013.63	1/2	2,668.22
3/4		3/4		3/4		3/4	4,733.48	3/4	4,388.07	3/4	4,042.66	3/4	3,697.25	3/4	3,351.84	3/4	3,006.43	3/4	2,661.02
3		3		3		3	4,726.28	3	4,380.87	3	4,035.47	3	3,690.06	3	3,344.65	3	2,999.24	3	2,653.83
1/4		1/4		1/4		1/4	4,719.09	1/4	4,373.68	1/4	4,028.27	1/4	3,682.86	1/4	3,337.45	1/4	2,992.04	1/4	2,646.63
1/2		1/2		1/2		1/2	4,711.89	1/2	4,366.48	1/2	4,021.07	1/2	3,675.66	1/2	3,330.26	1/2	2,984.85	1/2	2,639.44
3/4		3/4		3/4		3/4	4,704.69	3/4	4,359.29	3/4	4,013.88	3/4	3,668.47	3/4	3,323.06	3/4	2,977.65	3/4	2,632.24
4		4		4		4	4,697.50	4	4,352.09	4	4,006.68	4	3,661.27	4	3,315.86	4	2,970.45	4	2,625.05
1/4		1/4		1/4		1/4	4,690.30	1/4	4,344.90	1/4	3,999.49	1/4	3,654.08	1/4	3,308.67	1/4	2,963.26	1/4	2,617.85
1/2		1/2		1/2		1/2	4,683.10	1/2	4,337.70	1/2	3,992.29	1/2	3,646.88	1/2	3,301.47	1/2	2,956.06	1/2	2,610.66
3/4		3/4		3/4		3/4	4,675.91	3/4	4,330.50	3/4	3,985.09	3/4	3,639.68	3/4	3,294.27	3/4	2,948.86	3/4	2,603.46
5		5		5		5	4,668.71	5	4,323.31	5	3,977.90	5	3,632.49	5	3,287.08	5	2,941.67	5	2,596.26
1/4		1/4		1/4		1/4	4,661.52	1/4	4,316.11	1/4	3,970.70	1/4	3,625.29	1/4	3,279.88	1/4	2,934.47	1/4	2,589.07
1/2		1/2		1/2		1/2	4,920.46	1/2	4,654.32	1/2	4,308.91	1/2	3,963.50	1/2	3,618.10	1/2	3,272.69	1/2	2,927.28
3/4		3/4		3/4		3/4	4,919.65	3/4	4,647.13	3/4	4,301.72	3/4	3,956.31	3/4	3,610.90	3/4	3,265.49	3/4	2,920.08
6		6		6		6	4,918.84	6	4,639.93	6	4,294.52	6	3,949.11	6	3,603.70	6	3,258.29	6	2,912.89
1/4		1/4		1/4		1/4	4,918.03	1/4	4,632.74	1/4	4,287.33	1/4	3,941.92	1/4	3,596.51	1/4	3,251.10	1/4	2,905.69
1/2		1/2		1/2		1/2	4,917.22	1/2	4,625.54	1/2	4,280.13	1/2	3,934.72	1/2	3,589.31	1/2	3,243.90	1/2	2,898.50
3/4		3/4		3/4		3/4	4,915.27	3/4	4,618.34	3/4	4,272.93	3/4	3,927.53	3/4	3,582.11	3/4	3,236.70	3/4	2,891.30
7		7		7		7	4,913.31	7	4,611.15	7	4,265.74	7	3,920.33	7	3,574.92	7	3,229.51	7	2,884.10
1/4		1/4		1/4		1/4	4,911.36	1/4	4,603.95	1/4	4,258.54	1/4	3,913.14	1/4	3,567.72	1/4	3,222.31	1/4	2,876.91
1/2		1/2		1/2		1/2	4,909.40	1/2	4,596.75	1/2	4,251.34	1/2	3,905.94	1/2	3,560.53	1/2	3,215.12	1/2	2,869.71
3/4		3/4		3/4		3/4	4,906.14	3/4	4,589.56	3/4	4,244.15	3/4	3,898.74	3/4	3,553.33	3/4	3,207.92	3/4	2,862.51
8		8		8		8	4,902.87	8	4,582.36	8	4,236.95	8	3,891.55	8	3,546.13	8	3,200.73	8	2,855.32
1/4		1/4		1/4		1/4	4,899.61	1/4	4,575.17	1/4	4,229.76	1/4	3,884.35	1/4	3,538.94	1/4	3,193.53	1/4	2,848.12
1/2		1/2		1/2		1/2	4,896.34	1/2	4,567.97	1/2	4,222.56	1/2	3,877.15	1/2	3,531.74	1/2	3,186.34	1/2	2,840.93
3/4		3/4		3/4		3/4	4,891.77	3/4	4,560.77	3/4	4,215.37	3/4	3,869.96	3/4	3,524.54	3/4	3,179.14	3/4	2,833.73
9		9		9		9	4,887.19	9	4,553.58	9	4,208.17	9	3,862.76	9	3,517.35	9	3,171.94	9	2,826.53
1/4		1/4		1/4		1/4	4,882.62	1/4	4,546.38	1/4	4,200.98	1/4	3,855.57	1/4	3,510.15	1/4	3,164.75	1/4	2,819.34
1/2		1/2		1/2		1/2	4,878.04	1/2	4,539.18	1/2	4,193.78	1/2	3,848.37	1/2	3,502.96	1/2	3,157.55	1/2	2,812.14
3/4		3/4		3/4		3/4	4,872.16	3/4	4,531.99	3/4	4,186.58	3/4	3,841.17	3/4	3,495.76	3/4	3,150.35	3/4	2,804.94
10		10		10		10	4,866.27	10	4,524.79	10	4,179.39	10	3,833.98	10	3,488.57	10	3,143.16	10	2,797.75
1/4		1/4		1/4		1/4	4,860.39	1/4	4,517.60	1/4	4,172.19	1/4	3,826.78	1/4	3,481.37	1/4	3,135.96	1/4	2,790.55
1/2		1/2		1/2		1/2	4,854.50	1/2	4,510.40	1/2	4,164.99	1/2	3,819.58	1/2	3,474.18	1/2	3,128.77	1/2	2,783.36
3/4		3/4		3/4		3/4	4,847.63	3/4	4,503.21	3/4	4,157.80	3/4	3,812.39	3/4	3,466.98	3/4	3,121.57	3/4	2,776.16
11		11		11		11	4,840.76	11	4,496.01	11	4,150.60	11	3,805.19	11	3,459.78	11	3,114.37	11	2,768.97
1/4		1/4		1/4		1/4	4,833.89	1/4	4,488.82	1/4	4,143.41	1/4	3,798.00	1/4	3,452.59	1/4	3,107.18	1/4	2,761.77
1/2		1/2		1/2		1/2	4,827.02	1/2	4,481.62	1/2	4,136.21	1/2	3,790.80	1/2	3,445.39	1/2	3,099.98	1/2	2,754.58
3/4		3/4		3/4		3/4	4,819.83	3/4	4,474.42	3/4	4,129.01	3/4	3,783.61	3/4	3,438.19	3/4	3,092.78	3/4	2,747.38

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-11" OFF CENTERLINE AND 41'-09" 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 30074"

## 2 STBD

### ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	2,394.77	0	2,049.37	0	1,703.96	0	1,358.55	0	1,013.78	0	669.53	0	324.12	0		0		0	
1/4	2,387.58	1/4	2,042.17	1/4	1,696.76	1/4	1,351.35	1/4	1,006.62	1/4	662.33	1/4	316.92	1/4		1/4		1/4	
1/2	2,380.38	1/2	2,034.98	1/2	1,689.57	1/2	1,344.16	1/2	999.46	1/2	655.14	1/2	309.73	1/2		1/2		1/2	
3/4	2,373.18	3/4	2,027.78	3/4	1,682.37	3/4	1,336.96	3/4	992.29	3/4	647.94	3/4	302.53	3/4		3/4		3/4	
1	2,365.99	1	2,020.58	1	1,675.17	1	1,329.77	1	985.13	1	640.74	1	295.33	1		1		1	
1/4	2,358.79	1/4	2,013.39	1/4	1,667.98	1/4	1,322.57	1/4	977.96	1/4	633.55	1/4	288.14	1/4		1/4		1/4	
1/2	2,351.60	1/2	2,006.19	1/2	1,660.78	1/2	1,315.38	1/2	970.80	1/2	626.35	1/2	280.94	1/2		1/2		1/2	
3/4	2,344.40	3/4	1,998.99	3/4	1,653.58	3/4	1,308.18	3/4	963.63	3/4	619.15	3/4	273.74	3/4		3/4		3/4	
2	2,337.21	2	1,991.80	2	1,646.39	2	1,300.98	2	956.47	2	611.96	2	266.55	2		2		2	
1/4	2,330.01	1/4	1,984.60	1/4	1,639.19	1/4	1,293.79	1/4	949.30	1/4	604.76	1/4	259.35	1/4		1/4		1/4	
1/2	2,322.82	1/2	1,977.41	1/2	1,632.00	1/2	1,286.59	1/2	942.14	1/2	597.57	1/2	252.16	1/2		1/2		1/2	
3/4	2,315.62	3/4	1,970.21	3/4	1,624.80	3/4	1,279.39	3/4	934.98	3/4	590.37	3/4	244.96	3/4		3/4		3/4	
3	2,308.42	3	1,963.01	3	1,617.61	3	1,272.20	3	927.81	3	583.17	3	237.77	3		3		3	
1/4	2,301.23	1/4	1,955.82	1/4	1,610.41	1/4	1,265.00	1/4	920.65	1/4	575.98	1/4	230.57	1/4		1/4		1/4	
1/2	2,294.03	1/2	1,948.62	1/2	1,603.22	1/2	1,257.81	1/2	913.49	1/2	568.78	1/2	223.38	1/2		1/2		1/2	
3/4	2,286.83	3/4	1,941.42	3/4	1,596.02	3/4	1,250.61	3/4	906.32	3/4	561.58	3/4	216.18	3/4		3/4		3/4	
4	2,279.64	4	1,934.23	4	1,588.82	4	1,243.41	4	899.16	4	554.39	4	208.98	4		4		4	
1/4	2,272.44	1/4	1,927.03	1/4	1,581.63	1/4	1,236.22	1/4	891.99	1/4	547.19	1/4	201.79	1/4		1/4		1/4	
1/2	2,265.25	1/2	1,919.84	1/2	1,574.43	1/2	1,229.02	1/2	884.83	1/2	540.00	1/2	194.59	1/2		1/2		1/2	
3/4	2,258.05	3/4	1,912.64	3/4	1,567.23	3/4	1,221.82	3/4	877.67	3/4	532.80	3/4	187.39	3/4		3/4		3/4	
5	2,250.85	5	1,905.45	5	1,560.04	5	1,214.63	5	870.50	5	525.61	5	180.20	5		5		5	
1/4	2,243.66	1/4	1,898.25	1/4	1,552.84	1/4	1,207.43	1/4	863.34	1/4	518.41	1/4	173.00	1/4		1/4		1/4	
1/2	2,236.46	1/2	1,891.06	1/2	1,545.65	1/2	1,200.24	1/2	856.18	1/2	511.22	1/2	165.81	1/2		1/2		1/2	
3/4	2,229.26	3/4	1,883.86	3/4	1,538.45	3/4	1,193.04	3/4	849.01	3/4	504.02	3/4	158.61	3/4		3/4		3/4	
6	2,222.07	6	1,876.66	6	1,531.25	6	1,185.85	6	841.85	6	496.82	6	151.41	6		6		6	
1/4	2,214.87	1/4	1,869.47	1/4	1,524.06	1/4	1,178.65	1/4	834.68	1/4	489.63	1/4	144.22	1/4		1/4		1/4	
1/2	2,207.68	1/2	1,862.27	1/2	1,516.86	1/2	1,171.46	1/2	827.52	1/2	482.43	1/2	137.02	1/2		1/2		1/2	
3/4	2,200.48	3/4	1,855.07	3/4	1,509.66	3/4	1,164.28	3/4	820.35	3/4	475.23	3/4	129.82	3/4		3/4		3/4	
7	2,193.29	7	1,847.88	7	1,502.47	7	1,157.10	7	813.19	7	468.04	7	122.63	7		7		7	
1/4	2,186.09	1/4	1,840.68	1/4	1,495.27	1/4	1,149.92	1/4	806.02	1/4	460.84	1/4	115.43	1/4		1/4		1/4	
1/2	2,178.90	1/2	1,833.49	1/2	1,488.08	1/2	1,142.74	1/2	798.86	1/2	453.65	1/2	108.24	1/2		1/2		1/2	
3/4	2,171.70	3/4	1,826.29	3/4	1,480.88	3/4	1,135.57	3/4	791.70	3/4	446.45	3/4	101.04	3/4		3/4		3/4	
8	2,164.50	8	1,819.09	8	1,473.69	8	1,128.41	8	784.53	8	439.25	8	93.85	8		8		8	
1/4	2,157.31	1/4	1,811.90	1/4	1,466.49	1/4	1,121.24	1/4	777.37	1/4	432.06	1/4	86.65	1/4		1/4		1/4	
1/2	2,150.11	1/2	1,804.70	1/2	1,459.30	1/2	1,114.08	1/2	770.21	1/2	424.86	1/2	79.46	1/2		1/2		1/2	
3/4	2,142.91	3/4	1,797.50	3/4	1,452.10	3/4	1,106.91	3/4	763.03	3/4	417.66	3/4	73.08	3/4		3/4		3/4	
9	2,135.72	9	1,790.31	9	1,444.90	9	1,099.75	9	755.85	9	410.47	9	66.70	9		9		9	
1/4	2,128.52	1/4	1,783.11	1/4	1,437.71	1/4	1,092.58	1/4	748.67	1/4	403.27	1/4	60.33	1/4		1/4		1/4	
1/2	2,121.33	1/2	1,775.92	1/2	1,430.51	1/2	1,085.42	1/2	741.49	1/2	396.08	1/2	53.95	1/2		1/2		1/2	
3/4	2,114.13	3/4	1,768.72	3/4	1,423.31	3/4	1,078.26	3/4	734.29	3/4	388.88	3/4	48.72	3/4		3/4		3/4	
10	2,106.93	10	1,761.53	10	1,416.12	10	1,071.09	10	727.09	10	381.69	10	43.49	10		10		10	
1/4	2,099.74	1/4	1,754.33	1/4	1,408.92	1/4	1,063.93	1/4	719.90	1/4	374.49	1/4	38.26	1/4		1/4		1/4	
1/2	2,092.54	1/2	1,747.14	1/2	1,401.73	1/2	1,056.77	1/2	712.70	1/2	367.30	1/2	33.03	1/2		1/2		1/2	
3/4	2,085.34	3/4	1,739.94	3/4	1,394.53	3/4	1,049.60	3/4	705.50	3/4	360.10	3/4	29.19	3/4		3/4		3/4	
11	2,078.15	11	1,732.74	11	1,387.33	11	1,042.44	11	698.31	11	352.90	11	25.11	11		11		11	
1/4	2,070.95	1/4	1,725.55	1/4	1,380.14	1/4	1,035.27	1/4	691.11	1/4	345.71	1/4	21.27	1/4		1/4		1/4	
1/2	2,063.76	1/2	1,718.35	1/2	1,372.94	1/2	1,028.11	1/2	683.92	1/2	338.51	1/2	17.35	1/2		1/2		1/2	
3/4	2,056.56	3/4	1,711.15	3/4	1,365.74	3/4	1,020.95	3/4	676.72	3/4	331.31	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

# 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,540.23	0	4,301.04	0	4,061.86	0	3,822.68	0	3,583.49	0	3,253.39	0	2,889.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,535.24	1/4	4,296.06	1/4	4,056.87	1/4	3,817.69	1/4	3,578.50	1/4	3,245.81	1/4	2,881.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,530.26	1/2	4,291.07	1/2	4,051.89	1/2	3,812.71	1/2	3,573.52	1/2	3,238.23	1/2	2,874.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,525.28	3/4	4,286.09	3/4	4,046.91	3/4	3,807.73	3/4	3,568.25	3/4	3,230.65	3/4	2,866.66
1		1		1		1	4,520.30	1	4,281.11	1	4,041.93	1	3,802.74	1	3,562.98	1	3,223.06	1	2,859.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,515.31	1/4	4,276.12	1/4	4,036.94	1/4	3,797.76	1/4	3,557.71	1/4	3,215.48	1/4	2,851.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,510.33	1/2	4,271.14	1/2	4,031.96	1/2	3,792.77	1/2	3,552.44	1/2	3,207.90	1/2	2,843.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,505.35	3/4	4,266.16	3/4	4,026.98	3/4	3,787.79	3/4	3,546.75	3/4	3,200.32	3/4	2,836.33
2		2		2		2	4,500.36	2	4,261.18	2	4,022.00	2	3,782.81	2	3,541.07	2	3,192.73	2	2,828.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,495.38	1/4	4,256.19	1/4	4,017.01	1/4	3,777.82	1/4	3,535.38	1/4	3,185.15	1/4	2,821.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,490.39	1/2	4,251.21	1/2	4,012.03	1/2	3,772.84	1/2	3,529.69	1/2	3,177.57	1/2	2,813.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,485.41	3/4	4,246.23	3/4	4,007.05	3/4	3,767.86	3/4	3,523.53	3/4	3,169.98	3/4	2,806.00
3		3		3		3	4,480.43	3	4,241.25	3	4,002.06	3	3,762.88	3	3,517.37	3	3,162.40	3	2,798.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,475.44	1/4	4,236.26	1/4	3,997.08	1/4	3,757.89	1/4	3,511.21	1/4	3,154.81	1/4	2,790.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,470.46	1/2	4,231.28	1/2	3,992.09	1/2	3,752.91	1/2	3,505.05	1/2	3,147.23	1/2	2,783.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,465.48	3/4	4,226.30	3/4	3,987.11	3/4	3,747.93	3/4	3,498.42	3/4	3,139.65	3/4	2,775.67
4		4		4		4	4,460.50	4	4,221.32	4	3,982.13	4	3,742.95	4	3,491.79	4	3,132.06	4	2,768.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,455.51	1/4	4,216.33	1/4	3,977.14	1/4	3,737.96	1/4	3,485.15	1/4	3,124.48	1/4	2,760.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,450.53	1/2	4,211.35	1/2	3,972.16	1/2	3,732.98	1/2	3,478.52	1/2	3,116.90	1/2	2,752.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,445.55	3/4	4,206.37	3/4	3,967.18	3/4	3,728.00	3/4	3,471.41	3/4	3,109.32	3/4	2,745.34
5		5		5		5	4,440.57	5	4,201.38	5	3,962.20	5	3,723.02	5	3,464.30	5	3,101.73	5	2,737.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,435.58	1/4	4,196.40	1/4	3,957.21	1/4	3,718.03	1/4	3,457.19	1/4	3,094.15	1/4	2,730.17
1/2	1/2	1/2	4,614.87	1/2	4,430.60	1/2	4,191.41	1/2	3,952.23	1/2	3,713.05	1/2	3,450.08	1/2	3,086.57	1/2	3,086.57	1/2	2,722.59
3/4	3/4	3/4	4,614.31	3/4	4,425.62	3/4	4,186.43	3/4	3,947.25	3/4	3,708.07	3/4	3,442.61	3/4	3,078.99	3/4	3,078.99	3/4	2,715.01
6		6	4,613.76	6	4,420.64	6	4,181.45	6	3,942.27	6	3,703.08	6	3,435.15	6	3,071.40	6	3,071.40	6	2,707.42
1/4	1/4	1/4	4,613.20	1/4	4,415.65	1/4	4,176.46	1/4	3,937.28	1/4	3,698.10	1/4	3,427.68	1/4	3,063.82	1/4	3,063.82	1/4	2,699.84
1/2	1/2	1/2	4,612.64	1/2	4,410.67	1/2	4,171.48	1/2	3,932.30	1/2	3,693.11	1/2	3,420.22	1/2	3,056.24	1/2	3,056.24	1/2	2,692.25
3/4	3/4	3/4	4,611.29	3/4	4,405.69	3/4	4,166.50	3/4	3,927.32	3/4	3,688.13	3/4	3,412.64	3/4	3,048.66	3/4	3,048.66	3/4	2,684.67
7		7	4,609.94	7	4,400.70	7	4,161.52	7	3,922.34	7	3,683.15	7	3,405.05	7	3,041.07	7	3,041.07	7	2,677.09
1/4	1/4	1/4	4,608.58	1/4	4,395.72	1/4	4,156.53	1/4	3,917.35	1/4	3,678.16	1/4	3,397.47	1/4	3,033.49	1/4	3,033.49	1/4	2,669.50
1/2	1/2	1/2	4,607.23	1/2	4,390.73	1/2	4,151.55	1/2	3,912.37	1/2	3,673.18	1/2	3,389.89	1/2	3,025.91	1/2	3,025.91	1/2	2,661.92
3/4	3/4	3/4	4,604.97	3/4	4,385.75	3/4	4,146.57	3/4	3,907.39	3/4	3,668.20	3/4	3,382.31	3/4	3,018.32	3/4	3,018.32	3/4	2,654.34
8		8	4,602.71	8	4,380.77	8	4,141.59	8	3,902.40	8	3,663.22	8	3,374.72	8	3,010.74	8	3,010.74	8	2,646.76
1/4	1/4	1/4	4,600.45	1/4	4,375.78	1/4	4,136.60	1/4	3,897.42	1/4	3,658.23	1/4	3,367.14	1/4	3,003.15	1/4	3,003.15	1/4	2,639.17
1/2	1/2	1/2	4,598.19	1/2	4,370.80	1/2	4,131.62	1/2	3,892.43	1/2	3,653.25	1/2	3,359.56	1/2	2,995.57	1/2	2,995.57	1/2	2,631.59
3/4	3/4	3/4	4,595.02	3/4	4,365.82	3/4	4,126.64	3/4	3,887.45	3/4	3,648.27	3/4	3,351.98	3/4	2,987.99	3/4	2,987.99	3/4	2,624.01
9		9	4,591.86	9	4,360.84	9	4,121.66	9	3,882.47	9	3,643.29	9	3,344.39	9	2,980.40	9	2,980.40	9	2,616.43
1/4	1/4	1/4	4,588.69	1/4	4,355.85	1/4	4,116.67	1/4	3,877.48	1/4	3,638.30	1/4	3,336.81	1/4	2,972.82	1/4	2,972.82	1/4	2,608.84
1/2	1/2	1/2	4,585.52	1/2	4,350.87	1/2	4,111.69	1/2	3,872.50	1/2	3,633.32	1/2	3,329.23	1/2	2,965.24	1/2	2,965.24	1/2	2,601.26
3/4	3/4	3/4	4,581.45	3/4	4,345.89	3/4	4,106.71	3/4	3,867.52	3/4	3,628.34	3/4	3,321.64	3/4	2,957.66	3/4	2,957.66	3/4	2,593.68
10		10	4,577.37	10	4,340.91	10	4,101.72	10	3,862.54	10	3,623.36	10	3,314.06	10	2,950.07	10	2,950.07	10	2,586.10
1/4	1/4	1/4	4,573.30	1/4	4,335.92	1/4	4,096.74	1/4	3,857.55	1/4	3,618.37	1/4	3,306.47	1/4	2,942.49	1/4	2,942.49	1/4	2,578.51
1/2	1/2	1/2	4,569.22	1/2	4,330.94	1/2	4,091.75	1/2	3,852.57	1/2	3,613.39	1/2	3,298.89	1/2	2,934.91	1/2	2,934.91	1/2	2,570.93
3/4	3/4	3/4	4,564.46	3/4	4,325.96	3/4	4,086.77	3/4	3,847.59	3/4	3,608.41	3/4	3,291.31	3/4	2,927.33	3/4	2,927.33	3/4	2,563.35
11		11	4,559.71	11	4,320.98	11	4,081.79	11	3,842.61	11	3,603.42	11	3,283.72	11	2,919.74	11	2,919.74	11	2,555.76
1/4	1/4	1/4	4,554.95	1/4	4,315.99	1/4	4,076.80	1/4	3,837.62	1/4	3,598.44	1/4	3,276.14	1/4	2,912.16	1/4	2,912.16	1/4	2,548.18
1/2	1/2	1/2	4,550.19	1/2	4,311.01	1/2	4,071.82	1/2	3,832.64	1/2	3,593.45	1/2	3,268.56	1/2	2,904.58	1/2	2,904.58	1/2	2,540.59
3/4	3/4	3/4	4,545.21	3/4	4,306.03	3/4	4,066.84	3/4	3,827.66	3/4	3,588.47	3/4	3,260.98	3/4	2,897.00	3/4	2,897.00	3/4	2,533.01

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" DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-11" OFF CENTERLINE AND 44'-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 30074"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	2,525.43	0	2,161.45	0	1,797.46	0	1,433.48	0	1,069.50	0	705.50	0	341.52	0		0		0	
1/4	2,517.84	1/4	2,153.86	1/4	1,789.88	1/4	1,425.89	1/4	1,061.91	1/4	697.92	1/4	333.93	1/4		1/4		1/4	
1/2	2,510.26	1/2	2,146.28	1/2	1,782.29	1/2	1,418.31	1/2	1,054.33	1/2	690.34	1/2	326.35	1/2		1/2		1/2	
3/4	2,502.68	3/4	2,138.70	3/4	1,774.71	3/4	1,410.73	3/4	1,046.75	3/4	682.76	3/4	318.77	3/4		3/4		3/4	
1	2,495.10	1	2,131.12	1	1,767.13	1	1,403.15	1	1,039.16	1	675.17	1	311.19	1		1		1	
1/4	2,487.51	1/4	2,123.53	1/4	1,759.54	1/4	1,395.56	1/4	1,031.58	1/4	667.59	1/4	303.61	1/4		1/4		1/4	
1/2	2,479.93	1/2	2,115.95	1/2	1,751.96	1/2	1,387.98	1/2	1,023.99	1/2	660.01	1/2	296.03	1/2		1/2		1/2	
3/4	2,472.35	3/4	2,108.37	3/4	1,744.38	3/4	1,380.40	3/4	1,016.41	3/4	652.43	3/4	288.44	3/4		3/4		3/4	
2	2,464.77	2	2,100.78	2	1,736.80	2	1,372.82	2	1,008.83	2	644.84	2	280.86	2		2		2	
1/4	2,457.18	1/4	2,093.20	1/4	1,729.21	1/4	1,365.23	1/4	1,001.24	1/4	637.26	1/4	273.27	1/4		1/4		1/4	
1/2	2,449.60	1/2	2,085.61	1/2	1,721.63	1/2	1,357.65	1/2	993.66	1/2	629.68	1/2	265.69	1/2		1/2		1/2	
3/4	2,442.02	3/4	2,078.03	3/4	1,714.05	3/4	1,350.07	3/4	986.08	3/4	622.10	3/4	258.11	3/4		3/4		3/4	
3	2,434.44	3	2,070.45	3	1,706.47	3	1,342.48	3	978.49	3	614.51	3	250.52	3		3		3	
1/4	2,426.85	1/4	2,062.86	1/4	1,698.88	1/4	1,334.90	1/4	970.91	1/4	606.93	1/4	242.94	1/4		1/4		1/4	
1/2	2,419.27	1/2	2,055.28	1/2	1,691.30	1/2	1,327.31	1/2	963.33	1/2	599.35	1/2	235.36	1/2		1/2		1/2	
3/4	2,411.69	3/4	2,047.70	3/4	1,683.72	3/4	1,319.73	3/4	955.75	3/4	591.76	3/4	227.78	3/4		3/4		3/4	
4	2,404.10	4	2,040.12	4	1,676.14	4	1,312.15	4	948.16	4	584.18	4	220.19	4		4		4	
1/4	2,396.52	1/4	2,032.53	1/4	1,668.55	1/4	1,304.56	1/4	940.58	1/4	576.59	1/4	212.61	1/4		1/4		1/4	
1/2	2,388.93	1/2	2,024.95	1/2	1,660.97	1/2	1,296.98	1/2	933.00	1/2	569.01	1/2	205.03	1/2		1/2		1/2	
3/4	2,381.35	3/4	2,017.37	3/4	1,653.39	3/4	1,289.40	3/4	925.42	3/4	561.43	3/4	197.45	3/4		3/4		3/4	
5	2,373.77	5	2,009.79	5	1,645.80	5	1,281.82	5	917.83	5	553.84	5	189.86	5		5		5	
1/4	2,366.18	1/4	2,002.20	1/4	1,638.22	1/4	1,274.23	1/4	910.25	1/4	546.26	1/4	182.28	1/4		1/4		1/4	
1/2	2,358.60	1/2	1,994.62	1/2	1,630.63	1/2	1,266.65	1/2	902.67	1/2	538.68	1/2	174.70	1/2		1/2		1/2	
3/4	2,351.02	3/4	1,987.04	3/4	1,623.05	3/4	1,259.07	3/4	895.08	3/4	531.10	3/4	167.12	3/4		3/4		3/4	
6	2,343.44	6	1,979.46	6	1,615.47	6	1,251.49	6	887.50	6	523.51	6	159.53	6		6		6	
1/4	2,335.85	1/4	1,971.87	1/4	1,607.88	1/4	1,243.90	1/4	879.91	1/4	515.93	1/4	151.95	1/4		1/4		1/4	
1/2	2,328.27	1/2	1,964.29	1/2	1,600.30	1/2	1,236.32	1/2	872.33	1/2	508.35	1/2	144.37	1/2		1/2		1/2	
3/4	2,320.69	3/4	1,956.71	3/4	1,592.72	3/4	1,228.74	3/4	864.75	3/4	500.77	3/4	136.78	3/4		3/4		3/4	
7	2,313.11	7	1,949.12	7	1,585.14	7	1,221.16	7	857.16	7	493.18	7	129.20	7		7		7	
1/4	2,305.52	1/4	1,941.54	1/4	1,577.55	1/4	1,213.57	1/4	849.58	1/4	485.60	1/4	121.61	1/4		1/4		1/4	
1/2	2,297.94	1/2	1,933.95	1/2	1,569.97	1/2	1,205.99	1/2	842.00	1/2	478.02	1/2	114.03	1/2		1/2		1/2	
3/4	2,290.36	3/4	1,926.37	3/4	1,562.39	3/4	1,198.41	3/4	834.42	3/4	470.44	3/4	106.45	3/4		3/4		3/4	
8	2,282.78	8	1,918.79	8	1,554.81	8	1,190.82	8	826.83	8	462.85	8	98.86	8		8		8	
1/4	2,275.19	1/4	1,911.20	1/4	1,547.22	1/4	1,183.24	1/4	819.25	1/4	455.27	1/4	91.28	1/4		1/4		1/4	
1/2	2,267.61	1/2	1,903.62	1/2	1,539.64	1/2	1,175.65	1/2	811.67	1/2	447.69	1/2	83.70	1/2		1/2		1/2	
3/4	2,260.03	3/4	1,896.04	3/4	1,532.06	3/4	1,168.07	3/4	804.09	3/4	440.10	3/4	76.98	3/4		3/4		3/4	
9	2,252.44	9	1,888.46	9	1,524.48	9	1,160.49	9	796.50	9	432.52	9	70.26	9		9		9	
1/4	2,244.86	1/4	1,880.87	1/4	1,516.89	1/4	1,152.90	1/4	788.92	1/4	424.93	1/4	63.55	1/4		1/4		1/4	
1/2	2,237.27	1/2	1,873.29	1/2	1,509.31	1/2	1,145.32	1/2	781.34	1/2	417.35	1/2	56.83	1/2		1/2		1/2	
3/4	2,229.69	3/4	1,865.71	3/4	1,501.73	3/4	1,137.74	3/4	773.76	3/4	409.77	3/4	51.32	3/4		3/4		3/4	
10	2,222.11	10	1,858.13	10	1,494.14	10	1,130.16	10	766.17	10	402.18	10	45.81	10		10		10	
1/4	2,214.52	1/4	1,850.54	1/4	1,486.56	1/4	1,122.57	1/4	758.59	1/4	394.60	1/4	40.30	1/4		1/4		1/4	
1/2	2,206.94	1/2	1,842.96	1/2	1,478.97	1/2	1,114.99	1/2	751.01	1/2	387.02	1/2	34.79	1/2		1/2		1/2	
3/4	2,199.36	3/4	1,835.38	3/4	1,471.39	3/4	1,107.41	3/4	743.42	3/4	379.44	3/4	30.66	3/4		3/4		3/4	
11	2,191.78	11	1,827.80	11	1,463.81	11	1,099.83	11	735.84	11	371.85	11	26.52	11		11		11	
1/4	2,184.19	1/4	1,820.21	1/4	1,456.22	1/4	1,092.24	1/4	728.25	1/4	364.27	1/4	22.39	1/4		1/4		1/4	
1/2	2,176.61	1/2	1,812.63	1/2	1,448.64	1/2	1,084.66	1/2	720.67	1/2	356.69	1/2	18.26	1/2		1/2		1/2	
3/4	2,169.03	3/4	1,805.05	3/4	1,441.06	3/4	1,077.08	3/4	713.09	3/4	349.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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





# BARGE "KIRBY 30074"

3 STBD

## ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 16'-11 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	2,525.43	0	2,161.45	0	1,797.46	0	1,433.48	0	1,069.50	0	705.50	0	341.52	0		0		0	
1/4	2,517.84	1/4	2,153.86	1/4	1,789.88	1/4	1,425.89	1/4	1,061.91	1/4	697.92	1/4	333.93	1/4		1/4		1/4	
1/2	2,510.26	1/2	2,146.28	1/2	1,782.29	1/2	1,418.31	1/2	1,054.33	1/2	690.34	1/2	326.35	1/2		1/2		1/2	
3/4	2,502.68	3/4	2,138.70	3/4	1,774.71	3/4	1,410.73	3/4	1,046.75	3/4	682.76	3/4	318.77	3/4		3/4		3/4	
1	2,495.10	1	2,131.12	1	1,767.13	1	1,403.15	1	1,039.16	1	675.17	1	311.19	1		1		1	
1/4	2,487.51	1/4	2,123.53	1/4	1,759.54	1/4	1,395.56	1/4	1,031.58	1/4	667.59	1/4	303.61	1/4		1/4		1/4	
1/2	2,479.93	1/2	2,115.95	1/2	1,751.96	1/2	1,387.98	1/2	1,023.99	1/2	660.01	1/2	296.03	1/2		1/2		1/2	
3/4	2,472.35	3/4	2,108.37	3/4	1,744.38	3/4	1,380.40	3/4	1,016.41	3/4	652.43	3/4	288.44	3/4		3/4		3/4	
2	2,464.77	2	2,100.78	2	1,736.80	2	1,372.82	2	1,008.83	2	644.84	2	280.86	2		2		2	
1/4	2,457.18	1/4	2,093.20	1/4	1,729.21	1/4	1,365.23	1/4	1,001.24	1/4	637.26	1/4	273.27	1/4		1/4		1/4	
1/2	2,449.60	1/2	2,085.61	1/2	1,721.63	1/2	1,357.65	1/2	993.66	1/2	629.68	1/2	265.69	1/2		1/2		1/2	
3/4	2,442.02	3/4	2,078.03	3/4	1,714.05	3/4	1,350.07	3/4	986.08	3/4	622.10	3/4	258.11	3/4		3/4		3/4	
3	2,434.44	3	2,070.45	3	1,706.47	3	1,342.48	3	978.49	3	614.51	3	250.52	3		3		3	
1/4	2,426.85	1/4	2,062.86	1/4	1,698.88	1/4	1,334.90	1/4	970.91	1/4	606.93	1/4	242.94	1/4		1/4		1/4	
1/2	2,419.27	1/2	2,055.28	1/2	1,691.30	1/2	1,327.31	1/2	963.33	1/2	599.35	1/2	235.36	1/2		1/2		1/2	
3/4	2,411.69	3/4	2,047.70	3/4	1,683.72	3/4	1,319.73	3/4	955.75	3/4	591.76	3/4	227.78	3/4		3/4		3/4	
4	2,404.10	4	2,040.12	4	1,676.14	4	1,312.15	4	948.16	4	584.18	4	220.19	4		4		4	
1/4	2,396.52	1/4	2,032.53	1/4	1,668.55	1/4	1,304.56	1/4	940.58	1/4	576.59	1/4	212.61	1/4		1/4		1/4	
1/2	2,388.93	1/2	2,024.95	1/2	1,660.97	1/2	1,296.98	1/2	933.00	1/2	569.01	1/2	205.03	1/2		1/2		1/2	
3/4	2,381.35	3/4	2,017.37	3/4	1,653.39	3/4	1,289.40	3/4	925.42	3/4	561.43	3/4	197.45	3/4		3/4		3/4	
5	2,373.77	5	2,009.79	5	1,645.80	5	1,281.82	5	917.83	5	553.84	5	189.86	5		5		5	
1/4	2,366.18	1/4	2,002.20	1/4	1,638.22	1/4	1,274.23	1/4	910.25	1/4	546.26	1/4	182.28	1/4		1/4		1/4	
1/2	2,358.60	1/2	1,994.62	1/2	1,630.63	1/2	1,266.65	1/2	902.67	1/2	538.68	1/2	174.70	1/2		1/2		1/2	
3/4	2,351.02	3/4	1,987.04	3/4	1,623.05	3/4	1,259.07	3/4	895.08	3/4	531.10	3/4	167.12	3/4		3/4		3/4	
6	2,343.44	6	1,979.46	6	1,615.47	6	1,251.49	6	887.50	6	523.51	6	159.53	6		6		6	
1/4	2,335.85	1/4	1,971.87	1/4	1,607.88	1/4	1,243.90	1/4	879.91	1/4	515.93	1/4	151.95	1/4		1/4		1/4	
1/2	2,328.27	1/2	1,964.29	1/2	1,600.30	1/2	1,236.32	1/2	872.33	1/2	508.35	1/2	144.37	1/2		1/2		1/2	
3/4	2,320.69	3/4	1,956.71	3/4	1,592.72	3/4	1,228.74	3/4	864.75	3/4	500.77	3/4	136.78	3/4		3/4		3/4	
7	2,313.11	7	1,949.12	7	1,585.14	7	1,221.16	7	857.16	7	493.18	7	129.20	7		7		7	
1/4	2,305.52	1/4	1,941.54	1/4	1,577.55	1/4	1,213.57	1/4	849.58	1/4	485.60	1/4	121.61	1/4		1/4		1/4	
1/2	2,297.94	1/2	1,933.95	1/2	1,569.97	1/2	1,205.99	1/2	842.00	1/2	478.02	1/2	114.03	1/2		1/2		1/2	
3/4	2,290.36	3/4	1,926.37	3/4	1,562.39	3/4	1,198.41	3/4	834.42	3/4	470.44	3/4	106.45	3/4		3/4		3/4	
8	2,282.78	8	1,918.79	8	1,554.81	8	1,190.82	8	826.83	8	462.85	8	98.86	8		8		8	
1/4	2,275.19	1/4	1,911.20	1/4	1,547.22	1/4	1,183.24	1/4	819.25	1/4	455.27	1/4	91.28	1/4		1/4		1/4	
1/2	2,267.61	1/2	1,903.62	1/2	1,539.64	1/2	1,175.65	1/2	811.67	1/2	447.69	1/2	83.70	1/2		1/2		1/2	
3/4	2,260.03	3/4	1,896.04	3/4	1,532.06	3/4	1,168.07	3/4	804.09	3/4	440.10	3/4	76.98	3/4		3/4		3/4	
9	2,252.44	9	1,888.46	9	1,524.48	9	1,160.49	9	796.50	9	432.52	9	70.26	9		9		9	
1/4	2,244.86	1/4	1,880.87	1/4	1,516.89	1/4	1,152.90	1/4	788.92	1/4	424.93	1/4	63.55	1/4		1/4		1/4	
1/2	2,237.27	1/2	1,873.29	1/2	1,509.31	1/2	1,145.32	1/2	781.34	1/2	417.35	1/2	56.83	1/2		1/2		1/2	
3/4	2,229.69	3/4	1,865.71	3/4	1,501.73	3/4	1,137.74	3/4	773.76	3/4	409.77	3/4	51.32	3/4		3/4		3/4	
10	2,222.11	10	1,858.13	10	1,494.14	10	1,130.16	10	766.17	10	402.18	10	45.81	10		10		10	
1/4	2,214.52	1/4	1,850.54	1/4	1,486.56	1/4	1,122.57	1/4	758.59	1/4	394.60	1/4	40.30	1/4		1/4		1/4	
1/2	2,206.94	1/2	1,842.96	1/2	1,478.97	1/2	1,114.99	1/2	751.01	1/2	387.02	1/2	34.79	1/2		1/2		1/2	
3/4	2,199.36	3/4	1,835.38	3/4	1,471.39	3/4	1,107.41	3/4	743.42	3/4	379.44	3/4	30.66	3/4		3/4		3/4	
11	2,191.78	11	1,827.80	11	1,463.81	11	1,099.83	11	735.84	11	371.85	11	26.52	11		11		11	
1/4	2,184.19	1/4	1,820.21	1/4	1,456.22	1/4	1,092.24	1/4	728.25	1/4	364.27	1/4	22.39	1/4		1/4		1/4	
1/2	2,176.61	1/2	1,812.63	1/2	1,448.64	1/2	1,084.66	1/2	720.67	1/2	356.69	1/2	18.26	1/2		1/2		1/2	
3/4	2,169.03	3/4	1,805.05	3/4	1,441.06	3/4	1,077.08	3/4	713.09	3/4	349.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

# PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 5'-06 3/4"

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	972	0	1,944	0	2,916	0	3,888	0		0		0		0		0	
1/4	20	1/4	992	1/4	1,964	1/4	2,936	1/4	3,908	1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	1,012	1/2	1,984	1/2	2,956	1/2	3,928	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	1,033	3/4	2,005	3/4	2,977	3/4	3,949	3/4		3/4		3/4		3/4		3/4	
1	81	1	1,053	1	2,025	1	2,997	1	3,969	1		1		1		1		1	
1/4	101	1/4	1,073	1/4	2,045	1/4	3,017	1/4	3,989	1/4		1/4		1/4		1/4		1/4	
1/2	121	1/2	1,093	1/2	2,065	1/2	3,037	1/2	4,009	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	1,114	3/4	2,086	3/4	3,058	3/4	4,030	3/4		3/4		3/4		3/4		3/4	
2	162	2	1,134	2	2,106	2	3,078	2	4,050	2		2		2		2		2	
1/4	182	1/4	1,154	1/4	2,126	1/4	3,098	1/4	4,070	1/4		1/4		1/4		1/4		1/4	
1/2	202	1/2	1,174	1/2	2,146	1/2	3,118	1/2	4,090	1/2		1/2		1/2		1/2		1/2	
3/4	223	3/4	1,195	3/4	2,167	3/4	3,139	3/4	4,111	3/4		3/4		3/4		3/4		3/4	
3	243	3	1,215	3	2,187	3	3,159	3	4,131	3		3		3		3		3	
1/4	263	1/4	1,235	1/4	2,207	1/4	3,179	1/4	4,151	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,255	1/2	2,227	1/2	3,199	1/2	4,171	1/2		1/2		1/2		1/2		1/2	
3/4	304	3/4	1,276	3/4	2,248	3/4	3,220	3/4	4,192	3/4		3/4		3/4		3/4		3/4	
4	324	4	1,296	4	2,268	4	3,240	4	4,212	4		4		4		4		4	
1/4	344	1/4	1,316	1/4	2,288	1/4	3,260	1/4	4,232	1/4		1/4		1/4		1/4		1/4	
1/2	364	1/2	1,336	1/2	2,308	1/2	3,280	1/2	4,252	1/2		1/2		1/2		1/2		1/2	
3/4	385	3/4	1,357	3/4	2,329	3/4	3,301	3/4	4,273	3/4		3/4		3/4		3/4		3/4	
5	405	5	1,377	5	2,349	5	3,321	5	4,293	5		5		5		5		5	
1/4	425	1/4	1,397	1/4	2,369	1/4	3,341	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	445	1/2	1,417	1/2	2,389	1/2	3,361	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	466	3/4	1,438	3/4	2,410	3/4	3,382	3/4		3/4		3/4		3/4		3/4		3/4	
6	486	6	1,458	6	2,430	6	3,402	6		6		6		6		6		6	
1/4	506	1/4	1,478	1/4	2,450	1/4	3,422	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	526	1/2	1,498	1/2	2,470	1/2	3,442	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	547	3/4	1,519	3/4	2,491	3/4	3,463	3/4		3/4		3/4		3/4		3/4		3/4	
7	567	7	1,539	7	2,511	7	3,483	7		7		7		7		7		7	
1/4	587	1/4	1,559	1/4	2,531	1/4	3,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	607	1/2	1,579	1/2	2,551	1/2	3,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	628	3/4	1,600	3/4	2,572	3/4	3,544	3/4		3/4		3/4		3/4		3/4		3/4	
8	648	8	1,620	8	2,592	8	3,564	8		8		8		8		8		8	
1/4	668	1/4	1,640	1/4	2,612	1/4	3,584	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	688	1/2	1,660	1/2	2,632	1/2	3,604	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	709	3/4	1,681	3/4	2,653	3/4	3,625	3/4		3/4		3/4		3/4		3/4		3/4	
9	729	9	1,701	9	2,673	9	3,645	9		9		9		9		9		9	
1/4	749	1/4	1,721	1/4	2,693	1/4	3,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	769	1/2	1,741	1/2	2,713	1/2	3,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	790	3/4	1,762	3/4	2,734	3/4	3,706	3/4		3/4		3/4		3/4		3/4		3/4	
10	810	10	1,782	10	2,754	10	3,726	10		10		10		10		10		10	
1/4	830	1/4	1,802	1/4	2,774	1/4	3,746	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	850	1/2	1,822	1/2	2,794	1/2	3,766	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	871	3/4	1,843	3/4	2,815	3/4	3,787	3/4		3/4		3/4		3/4		3/4		3/4	
11	891	11	1,863	11	2,835	11	3,807	11		11		11		11		11		11	
1/4	911	1/4	1,883	1/4	2,855	1/4	3,827	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	931	1/2	1,903	1/2	2,875	1/2	3,847	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	952	3/4	1,924	3/4	2,896	3/4	3,868	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF HERMETIC VALVE.

STRAPPED: 09/26/2022 JS  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30074"

## STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 5'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	975	0	1,950	0	2,925	0	3,900	0		0		0		0		0	
1/4	20	1/4	995	1/4	1,970	1/4	2,945	1/4	3,920	1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	1,016	1/2	1,991	1/2	2,966	1/2	3,941	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	1,036	3/4	2,011	3/4	2,986	3/4	3,961	3/4		3/4		3/4		3/4		3/4	
1	81	1	1,056	1	2,031	1	3,006	1	3,981	1		1		1		1		1	
1/4	102	1/4	1,077	1/4	2,052	1/4	3,027	1/4	4,002	1/4		1/4		1/4		1/4		1/4	
1/2	122	1/2	1,097	1/2	2,072	1/2	3,047	1/2	4,022	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	1,117	3/4	2,092	3/4	3,067	3/4	4,042	3/4		3/4		3/4		3/4		3/4	
2	163	2	1,138	2	2,113	2	3,088	2	4,063	2		2		2		2		2	
1/4	183	1/4	1,158	1/4	2,133	1/4	3,108	1/4	4,083	1/4		1/4		1/4		1/4		1/4	
1/2	203	1/2	1,178	1/2	2,153	1/2	3,128	1/2	4,103	1/2		1/2		1/2		1/2		1/2	
3/4	223	3/4	1,198	3/4	2,174	3/4	3,149	3/4	4,124	3/4		3/4		3/4		3/4		3/4	
3	244	3	1,219	3	2,194	3	3,169	3	4,144	3		3		3		3		3	
1/4	264	1/4	1,239	1/4	2,214	1/4	3,189	1/4	4,164	1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	1,259	1/2	2,234	1/2	3,209	1/2	4,184	1/2		1/2		1/2		1/2		1/2	
3/4	305	3/4	1,280	3/4	2,255	3/4	3,230	3/4	4,205	3/4		3/4		3/4		3/4		3/4	
4	325	4	1,300	4	2,275	4	3,250	4	4,225	4		4		4		4		4	
1/4	345	1/4	1,320	1/4	2,295	1/4	3,270	1/4	4,245	1/4		1/4		1/4		1/4		1/4	
1/2	366	1/2	1,341	1/2	2,316	1/2	3,291	1/2	4,266	1/2		1/2		1/2		1/2		1/2	
3/4	386	3/4	1,361	3/4	2,336	3/4	3,311	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
5	406	5	1,381	5	2,356	5	3,331	5	4,306	5		5		5		5		5	
1/4	427	1/4	1,402	1/4	2,377	1/4	3,352	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	447	1/2	1,422	1/2	2,397	1/2	3,372	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	467	3/4	1,442	3/4	2,417	3/4	3,392	3/4		3/4		3/4		3/4		3/4		3/4	
6	488	6	1,463	6	2,438	6	3,413	6		6		6		6		6		6	
1/4	508	1/4	1,483	1/4	2,458	1/4	3,433	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	528	1/2	1,503	1/2	2,478	1/2	3,453	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	548	3/4	1,523	3/4	2,499	3/4	3,474	3/4		3/4		3/4		3/4		3/4		3/4	
7	569	7	1,544	7	2,519	7	3,494	7		7		7		7		7		7	
1/4	589	1/4	1,564	1/4	2,539	1/4	3,514	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	609	1/2	1,584	1/2	2,559	1/2	3,534	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	630	3/4	1,605	3/4	2,580	3/4	3,555	3/4		3/4		3/4		3/4		3/4		3/4	
8	650	8	1,625	8	2,600	8	3,575	8		8		8		8		8		8	
1/4	670	1/4	1,645	1/4	2,620	1/4	3,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	691	1/2	1,666	1/2	2,641	1/2	3,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	711	3/4	1,686	3/4	2,661	3/4	3,636	3/4		3/4		3/4		3/4		3/4		3/4	
9	731	9	1,706	9	2,681	9	3,656	9		9		9		9		9		9	
1/4	752	1/4	1,727	1/4	2,702	1/4	3,677	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	772	1/2	1,747	1/2	2,722	1/2	3,697	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	792	3/4	1,767	3/4	2,742	3/4	3,717	3/4		3/4		3/4		3/4		3/4		3/4	
10	813	10	1,788	10	2,763	10	3,738	10		10		10		10		10		10	
1/4	833	1/4	1,808	1/4	2,783	1/4	3,758	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	853	1/2	1,828	1/2	2,803	1/2	3,778	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	1,848	3/4	2,824	3/4	3,799	3/4		3/4		3/4		3/4		3/4		3/4	
11	894	11	1,869	11	2,844	11	3,819	11		11		11		11		11		11	
1/4	914	1/4	1,889	1/4	2,864	1/4	3,839	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	934	1/2	1,909	1/2	2,884	1/2	3,859	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	955	3/4	1,930	3/4	2,905	3/4	3,880	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF HERMETIC VALVE.

STRAPPED: 09/26/2022 JS  
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ALL PRIOR TO 09/2022

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P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 30074"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3005"

GAUGE HEIGHT 5'-06"

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	8	1/4	400	1/4	791	1/4	1,183	1/4	1,574	1/4		1/4		1/4		1/4		1/4	
1/2	16	1/2	408	1/2	799	1/2	1,191	1/2	1,582	1/2		1/2		1/2		1/2		1/2	
3/4	24	3/4	416	3/4	808	3/4	1,199	3/4	1,591	3/4		3/4		3/4		3/4		3/4	
1	33	1	424	1	816	1	1,207	1	1,599	1		1		1		1		1	
1/4	41	1/4	432	1/4	824	1/4	1,215	1/4	1,607	1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	440	1/2	832	1/2	1,224	1/2	1,615	1/2		1/2		1/2		1/2		1/2	
3/4	57	3/4	449	3/4	840	3/4	1,232	3/4	1,623	3/4		3/4		3/4		3/4		3/4	
2	65	2	457	2	848	2	1,240	2	1,631	2		2		2		2		2	
1/4	73	1/4	465	1/4	856	1/4	1,248	1/4	1,639	1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	473	1/2	865	1/2	1,256	1/2	1,648	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	481	3/4	873	3/4	1,264	3/4	1,656	3/4		3/4		3/4		3/4		3/4	
3	98	3	489	3	881	3	1,272	3	1,664	3		3		3		3		3	
1/4	106	1/4	498	1/4	889	1/4	1,281	1/4	1,672	1/4		1/4		1/4		1/4		1/4	
1/2	114	1/2	506	1/2	897	1/2	1,289	1/2	1,680	1/2		1/2		1/2		1/2		1/2	
3/4	122	3/4	514	3/4	905	3/4	1,297	3/4	1,688	3/4		3/4		3/4		3/4		3/4	
4	131	4	522	4	914	4	1,305	4	1,697	4		4		4		4		4	
1/4	139	1/4	530	1/4	922	1/4	1,313	1/4	1,705	1/4		1/4		1/4		1/4		1/4	
1/2	147	1/2	538	1/2	930	1/2	1,321	1/2	1,713	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	546	3/4	938	3/4	1,330	3/4	1,721	3/4		3/4		3/4		3/4		3/4	
5	163	5	555	5	946	5	1,338	5	1,729	5		5		5		5		5	
1/4	171	1/4	563	1/4	954	1/4	1,346	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	179	1/2	571	1/2	962	1/2	1,354	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188	3/4	579	3/4	971	3/4	1,362	3/4		3/4		3/4		3/4		3/4		3/4	
6	196	6	587	6	979	6	1,370	6		6		6		6		6		6	
1/4	204	1/4	595	1/4	987	1/4	1,378	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	604	1/2	995	1/2	1,387	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220	3/4	612	3/4	1,003	3/4	1,395	3/4		3/4		3/4		3/4		3/4		3/4	
7	228	7	620	7	1,011	7	1,403	7		7		7		7		7		7	
1/4	237	1/4	628	1/4	1,020	1/4	1,411	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	245	1/2	636	1/2	1,028	1/2	1,419	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	644	3/4	1,036	3/4	1,427	3/4		3/4		3/4		3/4		3/4		3/4	
8	261	8	653	8	1,044	8	1,436	8		8		8		8		8		8	
1/4	269	1/4	661	1/4	1,052	1/4	1,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	277	1/2	669	1/2	1,060	1/2	1,452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	285	3/4	677	3/4	1,069	3/4	1,460	3/4		3/4		3/4		3/4		3/4		3/4	
9	294	9	685	9	1,077	9	1,468	9		9		9		9		9		9	
1/4	302	1/4	693	1/4	1,085	1/4	1,476	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	310	1/2	701	1/2	1,093	1/2	1,485	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318	3/4	710	3/4	1,101	3/4	1,493	3/4		3/4		3/4		3/4		3/4		3/4	
10	326	10	718	10	1,109	10	1,501	10		10		10		10		10		10	
1/4	334	1/4	726	1/4	1,117	1/4	1,509	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	343	1/2	734	1/2	1,126	1/2	1,517	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	351	3/4	742	3/4	1,134	3/4	1,525	3/4		3/4		3/4		3/4		3/4		3/4	
11	359	11	750	11	1,142	11	1,533	11		11		11		11		11		11	
1/4	367	1/4	759	1/4	1,150	1/4	1,542	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	375	1/2	767	1/2	1,158	1/2	1,550	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	383	3/4	775	3/4	1,166	3/4	1,558	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" STANDPIPE.

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